

WE
CARE
ENAMEL



DENTA
SONIC

Safe,
accurate
predictable
comfortable
time saving

Best complete solution
for minimally invasive IPR
treatment for aligners,
fixed orthodontics, lingual,
and restorations





ALL AROUND MINIMALLY INVASIVE APPROXIMAL ENAMEL CORRECTION

Best minimally invasive IPR for your patients

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THAT MAKES US UNIQUE

As a Swiss company in particular, the highest quality and absolute reliability are a matter of course for us. All DentaSonic solutions are extensively tested and scientifically documented.

As a result, we offer innovative concepts and high-precision instruments that specialists can not only fully rely on, but also contribute to the best possible treatment result - and thus also to absolute patient satisfaction. Whether in orthodontics, restorative dentistry or oral prophylaxis.

OUR PHILOSOPHY

Many years of experience, in-depth knowledge of the subject matter and the highest quality standards for materials and instruments - there are many arguments in favor of DentaSonic. But the real essence of our company lies in the striving to always work on new ideas, in the effort to find new, innovative solutions and in the motivation to give our customers and practitioners only the best - in the truest sense of the word.

As a small, but fine and owner-managed company, DentaSonic has the great advantage of always being close to its customers, of being able to have a direct dialogue with them and being able to react quickly and flexibly to the inputs and needs of the practitioner when developing new products and instruments .

OUR HISTORY

The initiator and driving force at DentaSonic is the swiss dental specialist Peter Rek, who wanted to bundle his many years of experience, his technical knowledge and his clear ideas of product quality and instrument use in an innovative project. Started develope and improve in 2004, he restarted alone in 2017, DentaSonic has been working on continuously developing and optimizing minimally invasive tooth enamel treatment. With knowledge and passion, Peter Rek is always looking for new and better solutions - both in the interests of orthodontists and dentists as well as their patients. „There is always a way to do it better, which means less invasive, more convenient and safer than procedures and, last but not least, faster to use.“

General Manager
DentaSonic

DAS MACHT UNS EINZIGARTIG

Gerade als Schweizer Unternehmen sind höchste Qualität und absolute Zuverlässigkeit für uns eine Selbstverständlichkeit. So sind alle DentaSonic-Lösungen ausgiebig getestet und wissenschaftlich dokumentiert.

In Folge bieten wir innovative Konzepte und höchstpräzise Instrumente, auf welche man sich als Spezialist nicht nur voll und ganz verlassen kann, sondern die zu einem bestmöglichen Behandlungsergebnis beitragen – und damit auch zu einer absoluten Patientenzufriedenheit. Egal ob in der Kieferorthopädie, der wiederherstellenden Zahnmedizin oder in der oralen Prophylaxe.

UNSERE PHILOSOPHIE

Langjährige Erfahrung, fundierte Kenntnisse der Materie und höchste Qualitätsansprüche an Material und Instrumente – es gibt viele Argumente, die für DentaSonic sprechen. Doch die wirkliche Essenz unserer Firma liegt im Bestreben an immer neuen Ideen zu arbeiten, im Bemühen neue, innovative Lösungsansätze zu finden und in der Motivation unseren Kunden und Behandlern nur das Beste in die Hand zu geben – im wahrsten Sinne des Wortes.

Als kleine, aber feine sowie inhabergeführte Firma hat DentaSonic den grossen Vorteil immer nahe an seinen Kunden zu sein, einen direkten Dialog mit diesen führen zu können und bei der Entwicklung neuer Produkte und Instrumente rasch und flexibel auf die Inputs und Bedürfnisse der Behandler reagieren zu können.

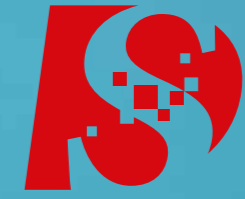
UNSERE GESCHICHTE

Initiator und treibende Kraft bei DentaSonic ist der Tessiner Dentalspezialist Peter Rek, der seine langjährige Erfahrung, seine fachlichen Erkenntnisse und seine klaren Vorstellungen von Produktqualität und Instrumentenanwendung in einem innovativen Projekt bündeln wollte. Seit dem Start im Jahre 2004 arbeitet DentaSonic daran die minimalinvasive Zahnschmelzbehandlung laufend weiterzuentwickeln und zu optimieren. Mit Wissen und Leidenschaft sucht Peter Rek nach immer neuen und immer besseren Lösungen – sowohl im Interesse der Kieferorthopäden und Zahnärzte wie auch von deren Patientinnen und Patienten. «Es gibt immer eine Möglichkeit es besser zu machen, will heissen weniger invasiv, bequemer und sicherer als Verfahren und nicht zuletzt auch schneller in der Anwendung.»

General Manager
DentaSonic

gentle
precise
predictable
thickness
safe
time saving
accurate
comfortable
friendly
abrasive

WE
CARE
ENAMEL



DENTA
SONIC

“We avoid
over reduction
of patients
enamel.”



SWISS MADE

DiaStrip - DiaSaw - Polistrip - Resin DiaStrip

OPEN CONTACT POINT

Quick and safe opening, without being able to injure the soft parts. (gum, tongue or lips), starting from only 0.05mm (1 side), or from 0.1mm 2 sides! The opening of the contact point takes place quickly and effective.



ACHIEVE NEEDED THICKNESS

Open the spaces until you reach the opening required by your protocol. Proceed starting with the calibrated thicknesses (starting from 0.05mm, 0.1mm, 0.2mm, 0.25mm, 0.3mm, 0.4mm, up to 0.5mm). The 0.4mm and 0.5mm files are in resin for a much greater flexibility that also allows you to contour, (re-shape), and then go on to sand with finer grains, before proceeding with the final polishing. Avoid using too aggressive diamond grits (90, 120 and 150 microns), avoid this absolutely!



REMINERALIZING ENAMEL

After IPR, the stripping process has removed both the protective pellicle and interdental tooth structure. Remineralising the surface is essential not just to reduce risk of sensitivity and staining, but also to protect against attack from bacteria contained in dental plaque which develops rapidly after IPR (due to the roughened tooth surfaces). Ideally BioMin toothpaste should be applied immediately after IPR and then twice daily throughout the course of alignment treatment. In the case of fixed orthodontics, the use of BioMin F toothpaste may also reduce the risk of white spot lesions.



CONTOURING FINISHING

Once the required space has been reached, a passage with finer grain than that used for the last opening will be made. (ideal 25-40micron), so as to reduce the micro-grooves created with the reduction. This is why we recommend the use of much more flexible resin diamond files, which allow contouring (elimination of too squared corners) and then allow you to finish with a mirror polish of the enamel in a single step. Diamond resin on 2 sides or if desired also with 1 side only.



THE ONE-SIDED FINISHING

As for phase 3, but for those situations where only an intervention on the mesial or distal part is required. The same procedure applies as for phases 1, 2 and 3, but precisely with diamond files on one side only.

FINAL POLISHING

After finishing, finish the treatment with the final polishing of the treated parts. With the PoliStrip we guarantee you a perfect polish that goes far beyond natural enamel! Unique flexible resin files, double-sided treated with aluminum oxide. See electron microscope (SEM) results.



Procedures and recommendations for predictable minimally invasive inter-proximal enamel correction. (Also called IPR, stripping or slenderizing)

Dentasonic declines all responsibility for improper use of its products that differ from what is indicated in this user manual



DentaSonic has developed the only minimally invasive conceptual system for the controlled and safe correction of enamel.

Below are our recommendations and advice on how to proceed to carry out a safe, controlled, comfortable, and minimally invasive treatment, aimed at preserving your patient's enamel as much as possible and guaranteeing a perfect final result.

Follow your Set-Up (protocol), avoiding to reduce over the necessary. All this is always under your total control also thanks to the DentaSonic system.

DiaStrip files have been developed for use with Invisalign, ClearCorrect, eClinger, Inman Aligner, Six Month Smiles, EON Smile, Best Smile and other orthodontic treatments.

These flexible files with predefined thickness allow you first of all to avoid excessively reducing the patient's enamel, moreover the diamond grains are less invasive (shallower micro grooves = faster finishing and polishing), but equally effective to guarantee a quick treatment.

With the resin diamond DiaStrips (no metal, no nickel), we can guarantee a much higher flexibility than metal ones, thus making the contouring much more accentuated and easier than any metal file.

These are in summary the peculiarities of our concept for a safe and quality result.

Here are the different steps of treatment

Step 1

Open the contact point with DiaSaw.

Quick and safe opening, without being able to injure the soft parts. (gum, tongue or lips), starting from only 0.05mm (1 side), or from 0.1mm 2 sides! **Our strips do not cut parts such as gum, tongue or lips of patients!**

The opening of the contact point takes place quickly and effectively. Depending on the situation you can also decide to open the contact point with a non-serrated file. More thin the strip are, more easier it will be to open the contact point.

1 side DiaSaw		2 sides DiaSaw	
P/O:	DSS-005L DSS-005R	DSS-01	DSS-02
Opening:	0.05mm 0.05mm	0.1mm	0.2mm
Usage:	contact point calibrated opening		

Step 2

Create the space required by the protocol.

Open the spaces until you reach the thickness required by your protocol.

Proceed starting with the calibrated strips (starting from 0.05mm, 0.1mm, 0.2mm, 0.25mm, 0.3mm, 0.4mm, up to 0.5mm). The 0.5mm files are in resin for a much greater flexibility that also allows you to contour, and then go on to sand with finer grains, before proceeding with the final polishing. We never go beyond 60 microns! This deliberately.

Avoid using too aggressive diamond grits (90, 120 and 150 microns), avoid this absolutely!

If required, you can also use single-sided files for mesial or distal areas. From 0.1mm to 0.3mm in metal. Or from 0.08mm to 0.12mm in diamond resin.

2 Sides	DiaStrip			Resin DiaStrip	
P/O:	DSM-01	DSM-02	DSM-03	DSM-04	RDS-05
Opening:	0.1mm	0.2mm	0.3mm	0.4mm	0.5mm
Usage:	Opening	Opening	Opening	Opening	Opening

Avoid using grains that go beyond 60 microns for your approximal treatments (IPR, RAS, Stripping), (over 60 microns the grain is too aggressive on the enamel, it creates too deep micro grooves which you then have to eliminate by reducing a lot more enamel than necessary, spending more time and still having to polish the treated surface well! This should really be avoided.

Step 3

The finishing phase begins.

Once the required space has been reached, a passage with finer grain than that used for the last opening will be made. (ideal 25-40micron), so as to reduce the micro-grooves created with the reduction. This is why we recommend the use of much more flexible resin diamond files, which allow contouring (elimination of too squared corners) and then allow you to finish with a mirror polish of the enamel in a single step. **Diamond resin on 2 sides or if desired also with 1 side only.**

2 Sides	Resin DiaStrip				
P/O:	RDS-02	RDS-025	RDS-03	RDS-04	RDS-05
Grain:	9 µm	15 µm	30 µm	60 µm	60 µm
Opening:	0.2mm	0.25mm	0.3mm	0.4mm	0.5mm
Usage:	Shiny	Polishing	Pre-polishing	Contouring	Reduction

Step 3 1 side

The one-sided finish.

As for phase 3, but for those situations where only an intervention on the mesial or distal part is required.

the same procedure applies as for phases 1, 2 and 3, but precisely with diamond files on one side only.

1 side	Resin DiaStrip			
P/O:	RDS-008L	RDS-009L	RDS-010L	RDS-012 L
P/O:	RDS-008R	RDS-009R	RDS-010R	RDS-012 R
Grain:	9 µm	15 µm	30 µm	60 µm
Opening:	0.08mm	0.09mm	0.10mm	0.12mm
Usage:	Shiny	Polishing	Pre-polishing	Contouring

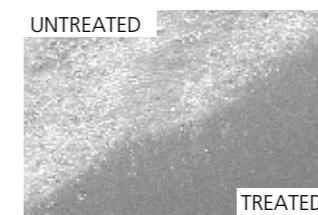
Step 4

The final polish! Very important

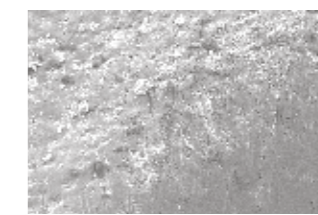
After finishing, finish the treatment with the final polishing of the treated parts. With the PoliStrip we guarantee you a perfect polish that goes far beyond natural enamel! Unique flexible resin files, double-sided treated with aluminum oxide. See electron microscope (SEM) results.

1 side Resin PoliStrip		2 sides Resin PoliStrip		
P/O:	RPS-9L/R	RPS-15L/R	RPS-9	RPS-15
Opening:	0.1mm	0.1mm	0.2mm	0.25mm
Grain:	9 µm	15 µm	9 µm	15 µm
Usage:	Shiny	Polishing on 1 side	Shiny	Polishing on 2 sides

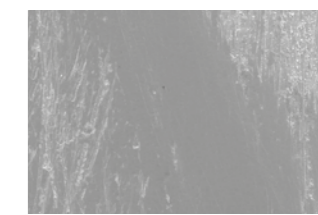
Polishing Surface enamel result



Untreated enamel surface and treated surface with Resin PoliStrip 15µm SEM enlargement 500x



Untreated enamel surface and treated with Resin PoliStrip 15µm SEM enlargement 2000x



Treated enamel surface (40µm) and center treated with Resin PoliStrip 15µm SEM enlargement 2000x

Courtesy of the Institute of Material Science, Technische Universität Darmstadt, Germany

Step 5

Remineralization of enamel!

After IPR, the stripping process has removed both the protective pellicle and interdental tooth structure. Remineralising the surface is essential not just to reduce risk of sensitivity and staining, but also to protect against attack from bacteria contained in dental plaque which develops rapidly after IPR (due to the roughened tooth surfaces). Ideally BioMin toothpaste should be applied immediately after IPR and then twice daily throughout the course of alignment treatment. In the case of fixed orthodontics, the use of BioMin F toothpaste may also reduce the risk of white spot lesions.

IMPORTANT: we advise that it is really important to polish the treated surface, (see above step 4).



Minimally Invasive-IPR.
The Safe and Gentle System from DentaSonic, protect your patient's enamel!

Oscillating DiaStrips are especially suitable for safe, precise, and minimally invasive orthodontic preparations. Bilateral and monolateral, targeted-thickness strips, for a controlled interproximal correction, and reduction (MI-IPR) Targeted strips from 0.05 to 0.5mm.

Now new also resin two sides diamond coated, flexible resin DiaStrip from 0.2mm to 0.5mm

DiaStrips sind besonders geeignet zur sicheren, präzisen, minimal-invasiven kieferorthopädischen Präparation. Zweiseitig (DSM) und / oder einseitig (DSM1) diamantiert. Hervorragende Feilen mit exakt kalibrierter Stärke zur kontrollierten Schaffung approximaler Abstände von 0.05 bis 0.5mm.

Le lime DiaStrip particolarmente adatte per preparazioni ortodontiche invasive minimali sicure e precise. Diamantate su due lati (DSM) e/o un lato (DSM1). Spessori appositamente calibrati, per la riduzione interprossimale controllata, da 0.05 fino a 0.5mm

Les bandes DiaStrip sont parfaitement adaptées à la réalisation de préparations orthodontiques sécuritaires et précises, tout en étant le moins invasives possible. Diamantée sur deux cotés (DSM) et / ou uen coté (DSM1). Épaisseur calibrée, pour une réduction interproximale contrôlée, de 0.05 à 0.5mm.

Las tiras DiaStrip están especialmente diseñadas para preparaciones seguras, precisas y mínimamente invasivas en ortodoncia. Dos caras (DSM) y/o una cara (DSM1). Tiras de grosor perfectamente calibrado para controlar la reducción interproximal, de 0.05 hasta 0.5mm.

Suitable for:

- Orthodontic
- Aligner

Indications

- Opening of the interdental contact points
- Widening of the interdental spaces in orthodontics by bilateral controlled tooth size reduction
- Resolve of minor crowding and treatment finishing in orthodontics
- Avoiding unnecessary over enamel reduction!
- Bilateral approximal enamel polishing

Benefits

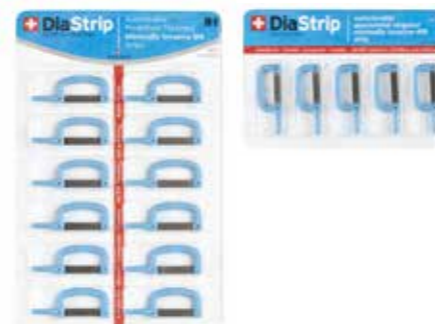
- Efficient, safe, gentle, and agreeable opening of the interdental contact points
- Rapid and controlled reduction of the enamel
- Proximal contouring, finishing and polishing of both adjacent teeth in a single procedure with special flexible resin diamond coated strips



Frontal minimally-invasive IPR treatment with DiaStrip, using 0.1mm, 0.2mm, 0.25mm, and 0.3mm sizes.
 Courtesy of Dr. Raphaël Philippe, Nyon

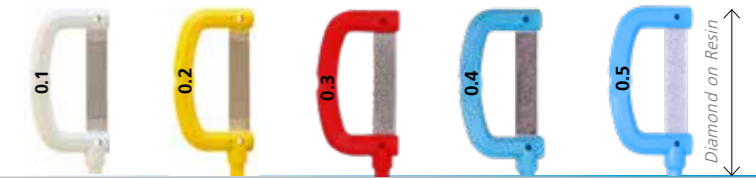
Blister confection

available with 5 and 12 pieces.



Indication:	Resin Dimond Grain:
• Medium = final preparation	60
• Fine = finishing	30
• fine = polishing	15
• Extra fine = shining	9

2 sides **metal** diamond coated strip



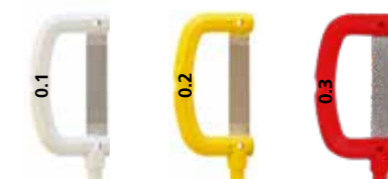
2 sides	DiaStrip				Resin DiaStrip
Old Ref.:	DSM-15	DSM-25	DSM-040	DSM-60	
New P/N:	DSM-01	DSM-02	DSM-03	DSM-04	RDS-05
Opening:	<input type="checkbox"/> 0.1mm	<input type="checkbox"/> 0.2mm	<input type="checkbox"/> 0.3mm	<input type="checkbox"/> 0.4mm	<input type="checkbox"/> 0.5mm
Thickness= +/- 0.03mm					

2 sides **resin** diamond coated strip



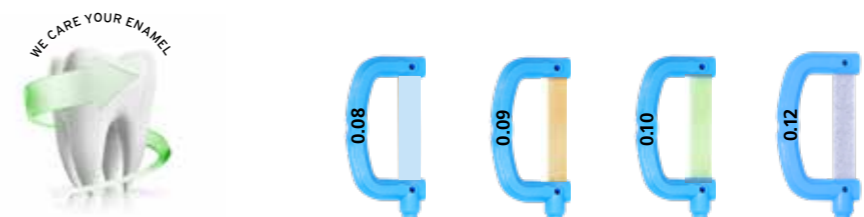
2 sides	Resin DiaStrip				
Old Ref.:	RDS-9	RDS-15	RDS-30	RDS-45	
New P/N:	RDS-02	RDS-025	RDS-03	RDS-04	RDS-05
Grain:	9 µm	15 µm	30 µm	60 µm	60 µm
Thickness:	<input type="checkbox"/> 0.2mm	<input type="checkbox"/> 0.25mm	<input type="checkbox"/> 0.3mm	<input type="checkbox"/> 0.4mm	<input type="checkbox"/> 0.5mm
Thickness= +/- 0.03mm					

1 side **metal** diamond coated strip



1 side	DiaStrip		
Old Ref.:	DSM1-15	DSM1-25	DSM1-40
New P/N:	DSM-01L	DSM-02L	DSM-03L
New P/N:	DSM-01R	DSM-02R	DSM-03R
Opening:	<input type="checkbox"/> 0.1mm	<input type="checkbox"/> 0.2mm	<input type="checkbox"/> 0.3mm
Thickness= +/- 0.03mm			

1 side **resin** diamond coated strip



1 side	Resin DiaStrip			
Old Ref.:	RDS-09L/R	RDS-15L/R	RDS-30L/R	RDS-60L/R
New P/N:	RDS-008L	RDS-009L	RDS-010L	RDS-012 L
New P/N:	RDS-008R	RDS-009R	RDS-010R	RDS-012 R
Thickness:	<input type="checkbox"/> 0.08mm	<input type="checkbox"/> 0.09mm	<input type="checkbox"/> 0.10mm	<input type="checkbox"/> 0.12mm

The effective, safe, and gentle solution to open the contact point.

Oscillating DiaSaw is especially designed to prevent any injuries of soft tissue, for a safe, quick, minimally invasive contact-point opening. Monolateral or bilateral targeted thickness saw. **No injuries to patients (gum).**

DiaSaw besonders geeignete Feilen zur schnellen, sicheren und präzisen, Kontaktpunkt Öffnung in der Kieferorthopädie. Einseitig oder Zweiseitig (DSS) Diamant beschichtet mit kalibrierter Stärke. Keine Verletzung des Zahnfleisches am Patient, schneidet nicht das Weichgewebe, aber sehr effizient im Zahnschmelzbereich.

DiaSaw sono lime seghettate particolarmente adatte per un'apertura più veloce dei punti di contatto. Diamantate su uno o due lati (DSS) con spessori calibrati. Non ferisce le parti molli, ma molto efficace sullo smalto.

DiaSaw est parfaitement adaptées l'ouverture rapide des ponts de contact en orthodontie, tout en étant invasives minimale. Diamantée sur un e ou deux cotés (DSS) avec épaisseur calibrée. Ne blesse pas les parties molles, mais très efficace sur l'émail.

Tiras Diasaw, sierra para la apertura rápida del punto de contacto en ortodoncia. Diamantadas con uno o dos caras (DSS) con grosor calibrado. No daña las partes blandas, pero sí muy eficaz sobre el esmalte.



Frontal minimally-invasive IPR treatment with DiaSaw, 0.1mm. Courtesy University of Tor Vergata Rome.

Indications

- Opening of tight interdental contact points
- Widening of the interdental spaces in orthodontics by bilateral controlled tooth size reduction

Benefits

- Rapid, controlled, and agreeable opening of the interdental contact points
- No injuries to patients (gums)
- Efficient and fast opening of tight contact areas in IPR treatments



1 side & 2 sides metal Saw diamond coated



	1 side DiaSaw		2 sides DiaSaw	
New P/N:	DSS-005L	DSS-005R	DSS-01	DSS-02
Opening:	□ 0.05mm	□ 0.05mm	□ 0.1mm	■ 0.2mm
Coating:	1 side	1 side	2 sides	2 sides
Blister pack:	5 and 12 pcs			

metal Saw uncoated



Indications

- Opening bonded contact points!

Benefits

- Extremely thin saw, uncoated. Save the enamel surface.

	DiaSaw
P/N:	DSS-1
Opening:	■ 0.05mm
Coating:	not coated
Blister pack:	5 and 12 pcs

Minimally-Invasive IPR. Safe and gentle system to protect the enamel of your patients with more flexible and thin strips.

Oscillating DiaBee are especially suitable for safe, precise, minimally-invasive orthodontic preparations.

Bilateral, targeted-thickness strips, more flexible than the DiaStrips for controlled interproximal correction, (MI-IPR).

Targeted strips from 0.1 to 0.3mm

DiaBee mit flexibler Wabenstruktur, besonders geeignet zur sicheren, präzisen, minimal-invasiven kieferorthopädischen Präparation. Zweiseitig (DSB) diamant beschichtet. Flexibler als die DiaStrip Feilen Mit kalibrierter Stärke von 0.1 bis 0.3mm

DiaBee con struttura a nido d'ape flessibile, particolarmente adatte per preparazioni ortodontiche invasive minimali sicure e precise. Diamantate su due lati (DSB). Più flessibili rispetto le DiaStrip. Spessori calibrati da 0.1 a 0.3mm.

Les bandes DiaBee avec structure nid d'abeille flexible, sont parfaitement adaptées à la réalisation de préparations orthodontiques sécuritaires et précises, tout en étant invasives minimale. Plus flexibel comparée à les DiaStrip. Diamantée sur deux cotés (DSB). Épaisseur calibrée de 0.1 à 0.3mm.

Las tiras DiaBee con estructura panal flexible son especialmente diseñadas para preparaciones seguras, precisas y mínimamente invasivas en ortodoncia. Mas flexible che la tiras DiaStrip. Diamantadas con Dos caras (DSB). Tiras de grosor calibrado de 0.1 fino a 0.3mm.

Indications

- Opening of the interdental contact points
- Widening of the interdental spaces in orthodontics by bilateral controlled tooth size reduction
- Resolve of minor crowding and treatment finishing in orthodontics
- Bilateral approximal enamel pre polishing

Benefits

- Efficient, flexible, safe, gentle, and agreeable opening of the interdental contact points
- Rapid and controlled reduction of the enamel
- Very thin and flexible strip.

2 sides metal diamond bee structures coated strip



	2 sides DiaBee			
P/N:	DSB-15	DSB-25	DSB-40	DSB-60
Opening:	□ 0.1mm	■ 0.2mm	■ 0.25mm	■ 0.3mm
Grain µm:	15 µm	25 µm	40 µm	60 µm
Blister pack:	5 & 12 pieces			

metal Bee structured uncoated



Indications

- approximal plaque removal

Benefits

- Extremely thin saw, uncoated. Save the enamel surface.

	DiaPlaque
P/N:	DP-1
Opening:	■ 0.05mm
Coating:	not coated
Blister pack:	5 and 12 pcs



Flexible contouring, finishing, polishing

Perfect solution for all your approximal flexible contouring, finishing and polishing treatments.

Resin DiaStrips diamond-coated, are especially suitable for safe, precise, and comfortable minimally invasive restorative contouring, finishing, and polishing. Monolateral flexible strips. To recreate natural tooth shape after your restoration.

Resin DiaStrip, extrem flexible und dünne Polyester-Feile mit einer einseitiger Diamantbeschichtung. Hervorragend geeignet zum Konturieren, Finieren und für die Hochglanzpolitur von Approximalbereichen und subgingivalen Oberflächen. Erzeugt wirksam Hochglanz auf Schmelz, Ionomeren und Zementen.

Resin DiaStrip, lima particolarmente flessibile e fine in poliestere rivestita con diamante su un lato. Ottima per la contornatura, finitura e lucidatura a specchio delle aree interprossimali e delle superfici subgingivali, esegue efficacemente la lucidatura a specchio di smalto, compositi e cementi.

Indications

- flexible contouring, finishing and polishing on the approximal zone.
- Reshaping and restoring of the interdental spaces in restorative by monolateral controlled tooth size.
- Professional finishing & polishing of both teeth sides.
- Removing overhangs on crowns and veneers by restorative treatments.

Resin DiaStrip, extrêmement flexible et fin en polyester enduit avec diamant d'abrasif ultra fine, sur une côté. Excellent pour obtenir un brillantage parfait et pour la finition des surfaces interproximales et les zones sous-gingivales, lustre efficacement la surface de l'émail, des composites et des ciments.

DiaStrip en resina es una tira muy flexible y fina delgada de poliéster que incorpora una capa de diamante abrasivo ultra fino en una cara (RDS). Es excelente para un pulido eficaz y de mucho brillo en las zonas inter-proximales y superficies sub gingivales. Le proporciona un brillo eficaz al esmalte, a los composites y a los cementos.



Suitable for:

- Restoration, Veneers
- Aligner
- Orthodontic

Benefits

- Rapid, controlled, and agreeable finishing and polishing of the interdental zone.



Flexible final polishing & shining

Perfect final solution for all your approximal polishing treatments. To create a well-rounded shape after restorations and/or IPR treatments.

PoliStrip are especially suitable for safe, abrasive precise, comfortable minimally invasive polishing. Bilateral, and or monolateral flexible strips, for controlled interproximal polishing on approximal surfaces.

Resin PoliStrip, extrem flexible und dünne Polyester-Feile mit einer zweiseitigen Beschichtung aus ultrafeinen Aluminiumoxid Schleifpartikeln. Hervorragend geeignet für die Hochglanzpolitur von Approximalbereichen und subgingivalen Oberflächen. Erzeugt wirksam Hochglanz auf Schmelz, Ionomeren und Zementen.

Resin PoliStrip, lima particolarmente flessibile e fine in poliestere rivestita su due lati con ossido di alluminio ultrafine. Ottima per la lucidatura a specchio delle aree interprossimali e delle superfici subgingivali, esegue efficacemente la lucidatura a specchio di smalto, compositi e cementi.

Indications

- Flexible polishing on the approximal zone
- Professional polishing in one step of both teeth sides

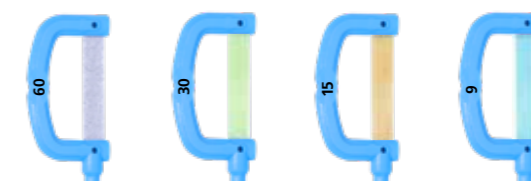
Resin PoliStrip, extrêmement flexible et fin en polyester enduit avec oxyde d'aluminium d'abrasif ultra fine, sur deux côtés. Excellent pour obtenir un brillantage parfait et pour la finition des surfaces interproximales et les zones sous-gingivales, lustre efficacement la surface de l'émail, des composites et des ciments.

Benefits

- Rapid, controlled, and agreeable polishing of the interdental zone.
- Smoother polishing to avoid removing more enamel than necessary

PoliStrip en Resina es una tira muy flexible y fina delgada de poliéster que incorpora una capa de silicio abrasiva ultra fina en dos caras (RPS). Es excelente para un pulido eficaz y de mucho brillo en las zonas inter-proximales y superficies sub gingivales. Le proporciona un brillo eficaz al esmalte, a los composites y a los cementos.

1 side resin diamond coated finishing strip



1 side	1 side Diamond Resin DiaStrip			
Old Ref.:	RDS-60L/R	RDS-30L/R	RDS-15L/R	RDS-9L/R
New P/N: left	RDS-60L	RDS-30L	RDS-15L	RDS-9L
New P/N: right	RDS-60R	RDS-30R	RDS-15R	RDS-9R
Thick. 1 side:	0.15mm	0.10mm	0.09mm	0.08mm
Grain µm:	60 µm	30 µm	15 µm	9 µm
Blister pack:	12 pieces			

uncoated metal Saw open bonding



DiaSaw	
P/N:	DSS-1
Opening:	0.05mm
coating:	not coated
Blister pack:	5 and 12 pcs

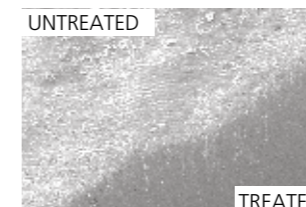
Indications

- Opening bonded contact points!

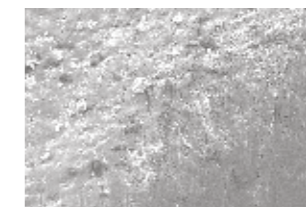
Benefits

- Extremely thin saw, uncoated. Save the enamel surface.

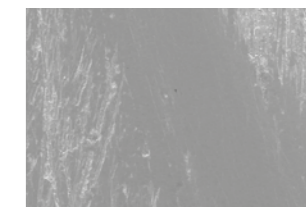
Polishing enamel surface result



Untreated enamel surface and treated surface with Resin PoliStrip 15µm SEM enlargement 500x



Untreated enamel surface and treated with Resin PoliStrip 15µm SEM enlargement 2000x



Treated enamel surface (40µm) and center treated with Resin PoliStrip 15µm SEM enlargement 2000x

Courtesy of the Institute of Material Science, Technische Universität Darmstadt, Germany

1 side & 2 sides resin aluminium oxid coated strip



	1 side Resin PoliStrip		2 sides Resin PoliStrip	
P/N:	RPS-9L/R	RPS-15L/R	RPS-9	RPS-15
Thickness:	0.1mm	0.1mm	0.2mm	0.25mm
µm (alu. oxide):	9 µm	15 µm	9 µm	15 µm
Blister pack:	12 pieces		12 pieces	

light,
water cooling,
silent,
interchangeable
head,
accurate
comfortable,
2 years
guarantee,
total movement
control

WE
CARE
ENAMEL



DENTA
SONIC

“Secure and
total movement
control for your
comfort”

Starter Kit



Twist Contra Angle 4:1, 6:1, 1.1mm, 0.9mm

DentaSonic Professional IPR Kit

The ultimate Professional Kit for minimally invasive, accurate and gentle MI-IPR.



The ultimate Professional Kit in a tin box with a complete range of DiaStrip for the **bilateral and monolateral** controlled minimally invasive IPR (approximal reduction) of the tooth size and the proximal finishing & polishing in orthodontics, aligners, and/or restorative. Water cooled oscillating handpiece with a 4:1 ratio, in addition also a 2nd. oscillating head, and one measuring gauge with 6 thicknesses.

Benefits

- Efficient, safe, gentle, and agreeable opening of the interdental contact points
- Rapid and controlled reduction of the enamel
- Proximal contouring, finishing and polishing of both adjacent teeth in a single procedure with special flexible resin diamond coated strips

Suitable for:

- Orthodontic
- Aligner

All Professional Starter Kit will contain also one BioMin Remineralization toothpaste



Professional Kit 2

New Starter Kit with more items

- + 8 Strip
- + 2 Debonding polishers
- + Stery Strip Holder
- + 2 CombiStrip
- + 1 BioMin Remineralization toothpaste

DentaSonic Kits in der praktischen Sortimentbox bieten Ihnen kalibrierte DiaStrips für die einseitige und beidseitige schonende approximale Schmelzreduktion, Konturierung und Polierung in der Kieferorthopädie, bei Schienentherapien sowie restaurativer Zahnheilkunde und Prophylaxe.

Das Professional Duo Kit beinhaltet das neue hochwertige Winkelstück mit integrierter Wasserkühlung und einen zweiten Wechselkopf für Feilen.

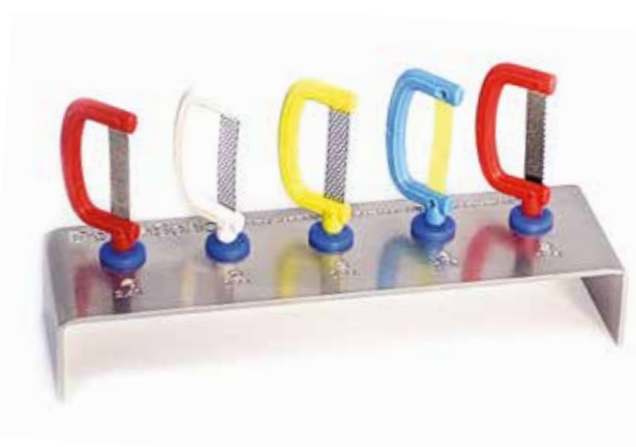
Kit professionnel sur étain avec DiaStrip pour la réduction interdentaire **bilatérale et monolatérale** de l'émail des dents, la finition proximale et le polissage en orthodontie, aligneurs, et / ou réstorative.

Le kit contient la nouvelle pièce à main oscillante Twist refroidie à l'eau (réduite 4:1), en plus d'une tête séparée (oscillante), pour limes avec RA Ø 2,35 mm.

Kit professionale nella sua confezione in latta con DiaStrip per la riduzione interdental **bilaterale e monolaterale** dello smalto dentale, la finitura prossimale, lucidatura in ortodonzia, allineatori trasparenti e / o restaurativa. Il kit contiene il nuovo manopolo Twist oscillante raffreddato ad acqua (riduzione di 4:1), oltre a una testa separata (oscillante), per lime con RA Ø 2,35 mm.

Kit profesional en lata con DiaStrip para la reducción interdental **bilateral y monolateral** del tamaño del diente y el acabado y pulido proximal en ortodonzia, alineadores y / o restaurador. El kit contiene la nueva pieza de mano oscilante enfriada con agua (4:1 reducida), además de una cabeza separada (oscilante), para lizas con diámetro interior de Ø 2,35 mm.

New now with stainless steel strip stery holder



Professional IPR Kit



Ref: DSG-204
Twist Hand Piece

Professional Kit 2

Art. Ref.:	DSPK2-2Y	DSPK2-1Y	DSPK2L-2Y
Stroke:	4:1	4:1	4:1
Pieces:	35	35	35
Sterilizable:	Yes	Yes	Yes
Application:			
	with 1 additional reciprocating head, and voucher	no voucher	with voucher



New Starter Kit with more items

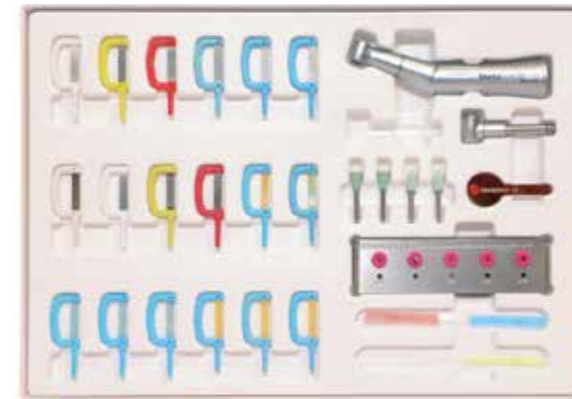
- + 8 Strip
- + 2 Debonding polishers
- + Stery Strip Holder
- + 2 CombiStrip
- + 1 BioMin Remineralization toothpaste

Content: Art. Ref.: DSPK2-2Y

- 1x DSS-01, DSS-02, DSM-03, DSM-04, RDS-04, RDS-05mm 2 sides
- 1x DSS-005, DSM-01, DSM-02, DSM-025, RDS-009, RDS-010mm 1 side
- 3x RPS-9, 3X RPS-15
- 1x DSG-204 Twist water-cooling HP, 4:1, STROKE 1,1mm
- 1x DSH-10 reciprocating Head, + maintenance voucher
- 2x DB-R20 Cup, 2x DB-R21 Point, Debonding polishers
- 1x MG-6, Measuring gauge with 6 thicknesses: 0.1, 0.15, 0.2, 0.3, 0.4, 0.5mm
- 1x ST-5, Stainless steel SteryStrip Holder
- 1x MG-1 extraction tip + 1x SN-1 Spray nozzle, 1x WN-1 water hole needle
- 2x CS-60-40, 1x CS-20-7, Finishing CombiStrip
- 1x HP Instruction booklet, 1x Worldwide Warranty, 1x Leaflet
- 1x IFU, Instructions for use.
- 1x BioMin Remineralization toothpaste

Content of the items inside the starter kit can change without prior notice.

Professional Kit 1



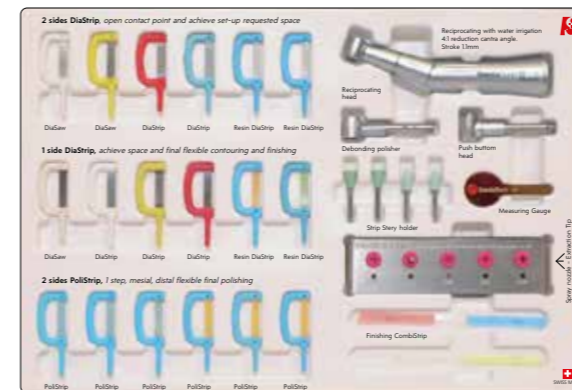
Art. Ref.:	DSPK1-2Y
Stroke:	4:1
Pieces:	35
Sterilizable:	Yes
Application:	
	with 1 additional rotating push button head
Warranty option:	2 years

Content: Art. Ref.: DSPK1-2Y (Ex Professional Duo Kit)

- 1x DSS-01, DSS-02, DSM-03, DSM-04, RDS-04, RDS-05mm 2 sides
- 1x DSS-01, DSM-01, DSM-02, DSM-025, RDS-009, RDS-010mm 1 side
- 3x RPS-9, 3X RPS-15
- 1x DSG-204 Twist water-cooling HP, 4:1, STROKE 1,1mm
- 1x DSH-30 rotating Push Button Head
- 2x DB-R20 Cup, 2x DB-R21 Point, Debonding polishers
- 1x MG-6, Measuring gauge with 6 thicknesses: 0.1, 0.15, 0.2, 0.3, 0.4, 0.5mm
- 1x ST-5, Stainless steel SteryStrip Holder
- 1x MG-1 extraction tip + 1x SN-1 Spray nozzle, 1x WN-1 water hole needle
- 2x CS-60-40, 1x CS-20-7, Finishing CombiStrip
- 1x HP Instruction booklet, 1x Worldwide Warranty, 1x Leaflet
- 1x IFU, Instructions for use.
- 1x BioMin Remineralization toothpaste

Content of the items inside the starter kit can change without prior notice.

Professional Kit 3



Art. Ref.:	DSPK3-2Y
Stroke:	4:1
Pieces:	36
Sterilizable:	Yes
Application:	
	with a 1 additional reciprocating, and 1 rotating head
Warranty option:	only 2 years

Content: Art. Ref.: DSPK3-2Y

- 1x DSS-01, DSS-02, DSM-03, DSM-04, RDS-04, RDS-05mm 2 sides
- 1x DSS-005, DSM-01, DSM-02, DSM-025, RDS-009, RDS-010mm 1 side
- 3x RPS-9, 3X RPS-15
- 1x DSG-204 Twist water-cooling HP, 4:1, STROKE 1,1mm
- 1x DSH-10 reciprocating Head, + maintenance voucher
- 1x DSH-30 rotating Push Button Head
- 2x DB-R20 Cup, 2x DB-R21 Point, Debonding polishers
- 1x MG-6, Measuring gauge with 6 thicknesses: 0.1, 0.15, 0.2, 0.3, 0.4, 0.5mm
- 1x ST-5, Stainless steel SteryStrip Holder
- 1x MG-1 extraction tip + 1x SN-1 Spray nozzle, 1x WN-1 water hole needle
- 2x CS-60-40, 1x CS-20-7, Finishing CombiStrip
- 1x HP Instruction booklet, 1x Worldwide Warranty, 1x Leaflet
- 1x IFU, Instructions for use.
- 1x BioMin Remineralization toothpaste

Content of the items inside the starter kit can change without prior notice.

Special warranty options

2 years warranty	1 years warranty
 + 1 additional reciprocating head + Reparation Voucher	 + 1 additional reciprocating head

All Professional Starter Kit will contain also one BioMin Remineralization toothpaste



Basic Set Orthodontic

A basic set for those that want to start with basic knowledge about MI-IPR.

Basic set: water-cooled handpiece with a 4:1 reduction, and interchangeable head. Ideal basic initial set for **Bilateral** controlled minimally invasive IPR (approximal correction / reduction) of the tooth size and the proximal finishing & polishing in orthodontics, and lingual, aligners as well.

Benefits

- Efficient, safe, gentle, and agreeable opening of the interdental contact points
- Rapid and controlled correction of the enamel
- Proximal contouring, finishing and polishing of both adjacent teeth in a single procedure with special flexible resin diamond coated strips

Suitable for:

- Orthodontic
- Lingual
- Aligner



Basic Set Ortho

Art. Ref.: DSG4-204

Stroke: 4:1

Pieces: 14

Sterilizable: Yes

Application: ■ ■

with a 1 additional reciprocating head

Warranty option: 1 or 2 years

1 additional reciprocating head



Content: Art. Ref.: DSG4-204

1x DSS-01, 1x DSS-02, 1x DSM-0.2, 1x DSM-03,

1x DSM-04, 1x RDS-05mm 2 sides, 2X RPS-15

1x DSG-204 Twist water-cooling HP, 4:1, STROKE 1,1mm

1x DSH-10 reciprocating Head

1x MG-6, Measuring gauge with 6 thicknesses:

0.1, 0.15, 0.2, 0.3, 0.4, 0.5mm

1x MG-1 extraction tip + 1x SN-1 Spray nozzle,

1x WN-1 water hole needle, 1x HP Instruction booklet, 1x Worldwide Warranty, 1x IFU, Instructions for use

Content of the items inside the starter kit can change whiteout prior notice.

Basic Set Aligner

A basic set for those that want to improve their MI-IPR with aligner treatments.

Water-cooled handpiece with a 4:1 reduction, and interchangeable head. Ideal basic initial set for **Bilateral** controlled minimally invasive IPR (approximal correction / reduction) of the tooth size and the flexible proximal finishing & polishing in aligners.

Benefits

- Efficient, safe, gentle, and accurate opening of the interdental contact points
- Rapid and controlled correction of the enamel
- Proximal contouring, finishing and polishing of both adjacent teeth in a single procedure with special flexible resin diamond coated strips

Suitable for:

- Aligner
- Orthodontic
- Lingual



Basic Set Aligner

Art. Ref.: DSG4A-204

Stroke: 4:1

Pieces: 11

Sterilizable: Yes

Application: ■ ■

Warranty option: 1 or 2 years



Content: Art. Ref.: DSG4A-204

1x DSS-01, 1x DSS-02, 1x DSM-03, 1x DSM-04, 1X RPS-15, 2 sides

1x DSG-204 Twist water-cooling HP, 4:1, STROKE 1,1mm

1x MG-6, Measuring gauge with 6 thicknesses:

0.1, 0.15, 0.2, 0.3, 0.4, 0.5mm

1x MG-1 extraction tip + 1x SN-1 Spray nozzle, 1x WN-1 water hole

needle, 1x HP Instruction booklet, 1x Worldwide Warranty

1x IFU, Instructions for use

Content of the items inside the starter kit can change whiteout prior notice.

RESTORATION, VENEERS, CROWN & BRIDGES Restorative Finishing Kit

The ultimate Restorative Kit for minimally invasive, accurate and gentle restoration



Art. Ref.: DSRFK1-2Y

New Starter Kit with more content

- + 8 Strip
- + 4 Debonding polishers
- + Stery Strip Holder
- + 4 CombiStrip



The ultimate Restoration finishing Kit confectioned in a box with a complete range of Resin DiaStrip for the **monolateral** controlled minimally invasive proximal finishing & polishing in restoration, and veneers and overhangs removing.

Water cooled oscillating handpiece with a 4:1 ratio, and light, in addition also a 2nd. reciprocating head

Benefits

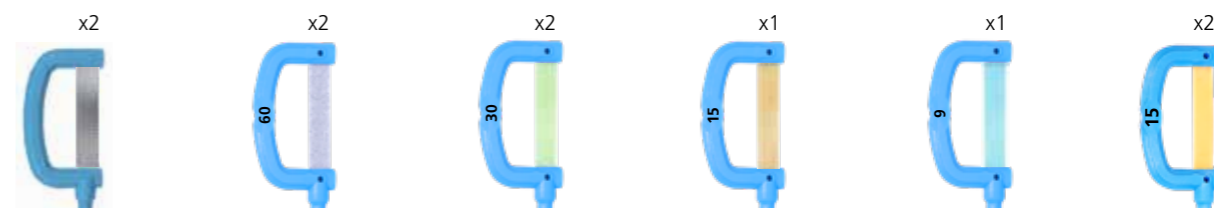
- Rapid and controlled removing of overhangs
- Proximal flexible contouring, finishing and polishing.
- If needed also for both adjacent teeth in a single procedure with special flexible resin diamond coated strips

Suitable for:

- Veneers
- Crown & Bridges



Content of the items inside the starter kit can change without prior notice.



1 side	Saw	Diamond Resin DiaStrip, 1 side				
New P/N: left	DSS1	RDS-60L	RDS-30L	RDS-15L	RDS-9L	RPS1-15
New P/N: right		RDS-60R	RDS-30R	RDS-15R	RDS-9R	
Thick. 1 side:	□ 0.05mm	□ 0.15mm	■ 0.10mm	■ 0.09mm	■ 0.08mm	■ 0.1mm
Purpose:	-	remove overhangs	Contouring	Finishing	Final glossy	Polishing



Content: Art. Ref.: DSRFK1-2Y
 2xRDS-60L/R, 2xRDS-30L/R, 1x RDS-15L/R, 1X RDS-09L/R,
 2x DSS-1, 2X RPS-15L, 2X RPS-15R
 1x DSG-204 Twist water-cooling HP, 4:1, stroke 1,1mm
 1x DSH-10 reciprocating Head
 2x DB-R20 Cup, 2x DB-R21 Point, Debonding polishers
 1x ST-5, Stainless steel SteryStrip Holder
 1x MG-1 extraction tip + 1x SN-1 Spray nozzle
 3x CS-60-40, 3x CS-20-7, Finishing CombiStrip
 1x HP Instruction booklet, 1x Worldwide Warranty, 1x Leaflet
 1x IFU, Instructions for use.



Content: Art. Ref.: DSRFK1L-2Y
 2xRDS-60L/R, 2xRDS-30L/R, 1x RDS-15L/R, 1X RDS-09L/R,
 2x DSS-1, 2X RPS-15L, 2X RPS-15R
 1x DSG-204 Twist water-cooling HP, light, 4:1, stroke 1,1mm
 1x DSH-10 reciprocating Head
 2x DB-R20 Cup, 2x DB-R21 Point, Debonding polishers
 1x ST-5, Stainless steel SteryStrip Holder
 1x MG-1 extraction tip + 1x SN-1 Spray nozzle
 3x CS-60-40, 3x CS-20-7, Finishing CombiStrip
 1x HP Instruction booklet, 1x Worldwide Warranty, 1x Leaflet
 1x IFU, Instructions for use.

DentaSonic Twist Handpiece, for comfortable, silent, and vibration-free reciprocating treatments.

Handpiece for proximal restorative treatment with back&forward movement. Especially suitable for safe, precise, minimally invasive orthodontic, aligner, lingual, and restorative preparations.

Handpiece Maintenance
To guarantee that the products have a long service-life, please refer to the manufacturer's instructions.

Pflege des Handstücks
Um eine möglichst lange Lebensdauer zu gewährleisten, beachten Sie bitte vor Einsatz des Handstückes die Gebrauchsanweisung.

Manutenzione del manipolo. Per garantire la lunga vita utile del prodotto fare riferimento alle istruzioni del fabbricante.

Entretien de la pièce à main. Pour garantir aux produits une utilisation de longue durée, veuillez vous référer aux instructions du fabricant.

Mantenimiento de las piezas de mano. Para garantizar una larga vida de los productos, por favor revise las instrucciones del fabricante.

Benefits

- No vibration!
- Really silent!
- Interchangeable head
- Internal water cooling
- 4:1, 6:1 reduction
- 0.9, 1.1mm stroke

Suitable for:

- Orthodontic
- Aligner
- Restorative/Veneers
- Prophylaxis



Name:	DS-Twist	DS-Twist Light	DS-Twist 40	Micro Motor
Article Ref.	DSG-204, DSG9-204	DSG-204L, DSG9-204L	DSG-240, DSG9-240	DSMM-200
Type:	Int. water cooling	Int. water cooling	Int. water cooling	-
Stroke:	1.1mm, 0.9mm	1.1mm, 0.9mm	1.1mm, 0.9mm	-
Attachment:	ISO	ISO	ISO	4 hole attachment
Ratio:	green (ring) 4:1	green (ring) 4:1	green (ring) 6:1	-
Ideal speed:	max 25'000	max 25'000	max 40'000	max 25'000
Stock:	available	available	available	available
Suitable for:				



Name:	DiaStrips Head	DiaStrips Head	RA 204 Bur Head	Extraction Tip	Spray Nozzle	hole needle
Article Ref.	DSH-09	DSH-10	DSH-30	MG-1	SN-1	WN-1
Stroke:	0.9mm	1.1mm	rotating	-	-	-
Ideal speed:	5'000-7'000opm	5'000-7'000opm	10'000 - 25'000rpm	-	-	-
Stock:	available	available	available	available	available	available
Suitable for:						

Fits with all air and electric micromotors, (ISO) attachment with a speed of:

Important speed advise how to operate with oscillating hand pieces

Wichtiger Geschwindigkeit Hinweis wie oszillierenden Winkelstücke eingestellt werden sollten

Avviso come regolare la velocità operativa con contrangoli oscillatori

Indication comment régler la vitesse des contre angles oscillatoires.

Indicación como regular la velocidad de piezas de mano oscilatorio

Using Micromotor	Handpiece Ratio	Ideal Operation Speed
Micromotor at 5.000rpm	+ Handpiece ratio 1:1	= 5.000rpm OK
Micromotor at 5.000rpm	+ Handpiece ratio 4:1	= 1.250rpm to slow
Micromotor at 20.000rpm	+ Handpiece ratio 4:1	= 5.000rpm OK
Micromotor at 25.000rpm	+ Handpiece ratio 4:1	= 6.250rpm OK
Micromotor at 40.000rpm	+ Handpiece ratio 4:1	= 10.000rpm To fast
Micromotor at 40.000rpm	+ Handpiece ratio 6:1	= 6.666rpm OK



Handling insert and remove tools from the head

How insert and remove correctly the strip from the hand piece.



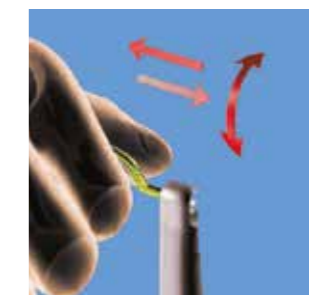
Keep the strip between your fingers, like the picture above.



Never push inside the strip into the head like the two picture above. because you will not have enough force, and you risk to break the shank /blade of the strip.



To insert the strip proceed by push the shank into the head, by turning on the right and left side until the grip are ok.



To remove the strip proceed by pull out from the head by turning on the right and left side. Never plie the strip because you can broke the shank. The shank resist until 1kg force by plie it.

Debonding

Residues after bracket usage can be removed economically and particularly safely in comparison to the conventional removal techniques of adhesive or cement residues using diamond rotary or metallic instruments.

Safe removal of adhesive from brackets and attachment without damage to the natural tooth structure.

Whereas there is always the risk of damaging the natural tooth structure with rotary diamond or carbide instruments, this is eliminated owing to the hardness of the abrasive grit impregnated into the remover. The microgrid acts definitively and is embedded in a hard synthetic rubber matrix. Safe and economical removal of adhesive residues is possible in a few minutes.



Set name:	Debonding-Set
Art. Ref. Set:	DB-SE6
Shank type/Shape:	RA 204 / Cup and Point
Pieces:	6
Sterilizable:	yes



Set name:	Debonding-Set Green
Art. Ref. Set:	DB-S6
Shank type/Shape:	RA 204 / Cup and Point
Pieces:	6
Sterilizable:	yes



Set name:	Debonding Polisher
Art. Ref. Refill:	DB-RE20
Shank type/shape:	204 / Cup
Size (Ø mm)	6 x 8.3
Rec. RPM:	3.000 - 5.000
Pieces:	6
Sterilizable:	yes



Set name:	Debonding Polisher Green
Art. Ref. Refill:	DB-R20
Shank type/shape:	204 / Cup
Size (Ø mm)	6 x 8.3
Rec. RPM:	3.000 - 5.000
Pieces:	6
Sterilizable:	yes



Set name:	Debonding Polisher
Art. Ref. Refill:	DB-RE21
Shank type/shape:	204 / Point
Size (Ø mm)	5,2 x 10.5
Rec. RPM:	3.000 - 5.000
Pieces:	6
Sterilizable:	yes

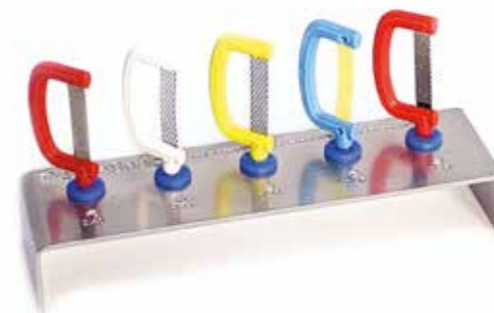


Set name:	Debonding Polisher Green
Art. Ref. Refill:	DB-R21
Shank type/shape:	204 / Point
Size (Ø mm)	5,2 x 10.5
Rec. RPM:	3.000 - 5.000
Pieces:	6
Sterilizable:	yes

SteryStrip Holders

Inox SteryStrip
Stainless Steel Stery Holder for 5 strips.

Name:	SteryStrip
Article Ref.:	ST-5
Packaging:	1 piece



Inox SteryStrip
Stainless Steel Stery Holder for 6 strips.

Name:	SteryStrip
Article Ref.:	ST-6
Packaging:	1 piece



Gauge

DentaSonic Measuring Gauge on Stainless Steel, fully autoclavable. For the interdental space control in orthodontics.



Name:	Measuring Gauge
Article Ref.:	MG-6
Thickness mm:	0.1, 0.15, 0.2, 0.3, 0.4, 0.5
Packaging:	1 piece



Possible thickness combination:	
	from 0.1mm to 1.65mm
	0.1,
	0.15, and 0.25
	0.2, 0.35
	0.3, 0.45
	0.4, 0.55
	0.5, 0.65 – 1.05 – 1.35 – 1.55 – 1.65

gentle
predictable
thickness
safe
accurate
friendly
abrasive

WE
CARE
ENAMEL



DENTA
SONIC

“We treat
your enamel
with care, and
safely. **Try us!**”



ErgoDiaStrip - ErgoPlaque - Restostrip - Discs
ErgoStrip - ErgoSaw - ErgoPoliStrip - ErgoBee

ErigoStrip

Manual Diamond ErigoStrip suitable for safe, precise, orthodontic preparations.

Bilateral and/or monolateral, predefined thickness strips, for controlled IPR reduction/correction, and finishing & polishing in orthodontics or restorations.

Manuelle ErigoStrips geeignet zur sicheren, präzisen, minimalinvasiven kieferorthopädischen Präparation. Zweiseitig (ESM) und/oder einseitig (ESM1) diamantiert. Hervorragende Feilen mit exakt kalibrierter Stärke zur kontrollierten Schaffung approximaler Abstände.

Le lime manuali ErigoStrip sono adatte per preparazioni ortodontiche invasive minimamente sicure e precise. Diamantate su due lati (ESM) e/o un lato (ESM1). Spessori appositamente calibrati, per la riduzione interprossimale controllata dello smalto.

Les bandes manuelle ErigoStrip sont parfaitement adaptées à la réalisation de préparations orthodontiques sécuritaires et précises, tout en étant le moins invasives possible. Diamantée sur deux cotés (ESM) et / ou un coté (ESM1). Épaisseur calibrée, pour une réduction interproximale contrôlée.

Las tiras manuales ErigoStrip están especialmente diseñadas para preparaciones seguras, precisas y mínimamente invasivas en ortodoncia. Dos caras (ESM) y/o una cara (ESM1). Tiras de grosor perfectamente calibrado para controlar la reducción interproximal.

Suitable for:

- Orthodontic
- Aligner



Finger Grip design for better tactile control & perfect grip

2 sides
metal diamond coated strip



Name:	ErigoStrip	ErigoStrip	ErigoStrip	ErigoStrip
Article Ref. 2 sides:	ESM-15	ESM-25	ESM-40	ESM-60
Grain µm:	15 µm	25 µm	40 µm	60 µm
Thickness 2 sides:	0.10mm	0.15mm	0.20mm	0.30mm

1 side
metal diamond coated strip



Name:	ErigoStrip	ErigoStrip	ErigoStrip	ErigoStrip
Article Ref. 1 side:	ESM1-15	ESM1-25	ESM1-40	ESM1-60
Thickness 1 side:	0.08mm	0.10mm	0.15mm	0.20mm
Packaging refills:	12 pieces	12 pieces	12 pieces	12 pieces

Thickness= +/- 0.05mm

ErigoSaw

ErigoSaw bilateral diamond-coated saw, specially suitable for quick, safe, and precise interdental opening contact point in orthodontics. Bilateral (DSS) calibrated thickness strip

ErigoSaw ist besonders geeignet zur schnellen, sicheren und präzisen Kontaktpunktöffnung in der Kieferorthopädie. Zweiseitig (DSS) diamantbeschichtet mit kalibrierter Stärke.

ErigoSaw sono lime seghettate adatte per un'apertura più veloce dei punti di contatto. Diamantate sui due lati (DSS) con spessori calibrati.

Les bandes ErigoSaw sont parfaitement adaptées l'ouverture rapide des ponts de contact en orthodontie, tout en étant invasives minimale. Diamantée sur deux cotés (DSS) avec épaisseur calibrée.

Las tiras Ergosaw, sierra para la apertura rápida del punto de contacto en ortodoncia. Diamantadas con dos caras (DSS) con grosor calibrado.

Suitable for:

- Orthodontic
- Aligner

2 sides
metal saw diamond coated strip



Name:	ErigoStrip Saw	ErigoStrip Saw	ErigoStrip Saw
Article Ref. 2 side:	ESS-15	ESS-25	ESS-40
Grain µm:	15 µm	25 µm	40 µm
Thickness 2 sides:	0.1mm	0.15mm	0.20mm
Packaging refills:	12 pieces	12 pieces	12 pieces

Thickness= +/- 0.05mm

until end of stock

ErigoBee

ErigoBee with flexible bee structure, is especially suitable for safe, precise, minimally invasive orthodontic preparations. Bilateral (DSB) calibrated thickness strips for controlled interproximal correction, finishing and polishing.

DiaBee mit flexibler Wabenstruktur, besonders geeignet zur sicheren, präzisen, minimalinvasiven kieferorthopädischen Präparation. Zweiseitig (DSB) diamantbeschichtet. Mit kalibrierter Stärke zur kontrollierten Schaffung approximaler Korrektur, Konturierung und zum Polieren.

ErigoBee con struttura a nido d'ape flessibile, particolarmente adatte per preparazioni ortodontiche invasive minimamente sicure e precise. Diamantate su due lati (DSB). Spessori calibrati, per la riduzione, finitura e lucidatura interprossimale controllata.

Les bandes ErigoBee avec structure nid d'abeille flexible, sont parfaitement adaptées à la réalisation de préparations orthodontiques sécuritaires et précises, tout en étant invasives minimale. Diamantée sur deux cotés (DSB). Épaisseur calibrée, pour la correction, finissage et polissage interproximale contrôlée.

Las tiras ErigoBee con estructura panel flexible son especialmente diseñadas para preparaciones seguras, precisas y mínimamente invasivas en ortodoncia. Diamantadas con Dos caras (DSB). Tiras de grosor calibrado para controlar la corrección, contornear y brillantar interproximal.

2 sides
metal Bee diamond coated strip



Name:	ErigoBee	ErigoBee	ErigoBee	ErigoBee
Article Ref. 2 sides:	ESB-15	ESB-25	ESB-40	ESB-60
Grain µm:	15 µm	25 µm	40 µm	60 µm
Thickness 2 sides:	0.08mm	0.12mm	0.17mm	0.25mm
Packaging refills:	12 pieces	12 pieces	12 pieces	12 pieces

Thickness= +/- 0.05mm

until end of stock

RESTORATION,
VENEERS



Name:	ErigoStrip Saw	ErigoPlaque
Article Ref. 2 side:	ESS-1	EP-1
Grain µm:	No diamond, serrated	No diamond
Thickness 2 sides:	0.05mm	0.05mm
Packaging refills:	12 pieces	12 pieces

No diamond coating
Nicht diamantbeschichtet
Non diamantata
Pas diamantée
Sin diamante

ErgoStrip

Manual Diamond ErgoStrip suitable for safe, precise, restoration. Monolateral, predefined thickness strips, for controlled finishing & polishing in restorations.

Manuelle ErgoStrips geeignet zur sicheren, minimalinvasiven Restaurationen. Einseitig (ESM1) diamantiert. Geeignet zum Konturieren, Finieren und für die Politur von Approximalbereichen und subgingivalen Oberflächen. Erzeugt wirksam Hochglanz auf Schmelz, Ionomeren und Zementen.

Lime manuali ErgoStrip, diamantate su un lato (ESM1). Ottima per la contornatura, finitura e lucidatura delle aree interprossimali e delle superfici subgingivali, esegue efficacemente la lucidatura di smalto, compositi e cementi.

Les bandes manuelle ErgoStrip sont parfaitement adaptées à la réalisation de préparations restauratives. Diamantée sur un côté (ESM1). Excellent pour obtenir un polissage parfait et pour la finition des surfaces interproximales et les zones sous-gingivales, lustre efficacement la surface de l'émail, des composites et des ciments.

Las tiras manuales ErgoStrip están especialmente diseñadas para preparaciones seguras, precisas y mínimamente invasivas en restauraciones. Una cara (ESM1). Es excelente para un pulido eficaz en las zonas inter-proximales y superficies sub gingivales. Le proporciona un brillo eficaz al esmalte, a los composites y a los cementos.

Suitable for:
■ Restorative, Veneers



Finger Grip design for better tactile control & perfect grip

Ergo DiaStrip

Flexible Resin Diamond Finishing Strip

Single-handed Resin Diamond DiaStrip for a monolateral approximal contouring, finishing & polishing restoration. To create a rounded shape after restorative treatments, or IPR.

Ergo DiaStrip is a very flexible and thin polyester strip with ultra-fine diamond coating on one side. Excellent for finishing, contouring and polishing of interproximal areas and subgingival surfaces, will effectively high-gloss enamel, composites, and cements.

Restorative Finishing Tools



Finger Grip design for better tactile control & perfect grip

Ergo PoliStrip

The perfect solution for all your approximal flexible polishing and shining treatments.

Ergo PoliStrip is a very flexible and thin polyester strip with ultra-fine silicium abrasive coating on one, and two sides. Excellent for high polishing and the finishing of interproximal areas and subgingival surfaces, will effectively high-gloss enamel, composites, and cements.

Resin Ergo PoliStrip, extrem flexible und dünne Polyester-Feile mit zweiseitiger Beschichtung aus ultrafeinen Silizium-Schleifpartikeln. Hervorragend geeignet zum Finieren und für die Hochglanzpolitur von Approximalbereichen und subgingivalen Oberflächen. Erzeugt wirksam Hochglanz auf Schmelz, Ionomeren und Zementen.

Resin Ergo PoliStrip, lima particolarmente flessibile e fine in poliestere rivestita su due lati con ossido di alluminio ultrafine. Ottima per la lucidatura a specchio delle aree interprossimali e delle superfici subgingivali, esegue efficacemente la lucidatura a specchio di smalto, compositi e cementi.

Resin Ergo PoliStrip, extrêmement flexible et fin en polyester enduit avec oxyde d'aluminium d'abrasif ultra fine, sur deux côtés. Excellent pour obtenir un brillantage parfait et pour la finition des surfaces interproximales et les zones sous-gingivales, lustre efficacement la surface de l'émail, des composites et des ciments.

Resin Ergo PoliStrip es una tira muy flexible y fina delgada de poliéster que incorpora una capa de silicio abrasiva ultra fina en dos caras (RECS). Es excelente para un pulido eficaz y de mucho brillo en las zonas inter-proximales y superficies sub gingivales. Le proporciona un brillo eficaz al esmalte, a los composites y a los cementos.

Restorative Polishing Tools



Suitable for:
■ Restorative, Veneers
■ Orthodontic
■ Aligner

1 side metal diamond coated strip



Name:	ErgoStrip	ErgoStrip	ErgoStrip	ErgoStrip
Article Ref. 1 side:	ESM1-15	ESM1-25	ESM1-40	ESM1-60
Thickness 1 side:	0.08mm	0.10mm	0.15mm	0.20mm
Packaging refills:	12 pieces			

Thickness= +/- 0.05mm



Name:	ErgoStrip	ErgoStrip	ErgoStrip	ErgoStrip
Art.ref. 12 pcs:	ES-60	ES-30	ES-15	ES-9
Coating side:	1 side	1 side	1 side	1 side
Grain µm:	60 µm	30 µm	15 µm	9 µm
Coating:	Diamond	"	"	"
Thickness:	0.15mm	0.10mm	0.09mm	0.08mm
Packaging refills:	12 pieces			



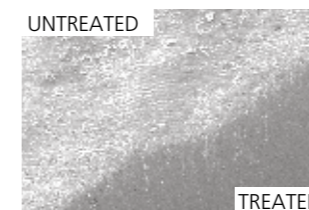
Resin ErgoStrip, extrem flexible und dünne Polyester-Feile mit einer einseitiger Diamantbeschichtung. Hervorragend geeignet zum Konturieren, Finieren und für die Hochglanzpolitur von Approximalbereichen und subgingivalen Oberflächen. Erzeugt wirksam Hochglanz auf Schmelz, Ionomeren und Zementen.

Resin DiaStrip, lima particolarmente flessibile e fine in poliestere rivestita con diamante su un lato. Ottima per la contornatura, finitura e lucidatura a specchio delle aree interprossimali e delle superfici subgingivali, esegue efficacemente la lucidatura a specchio di smalto, compositi e cementi.

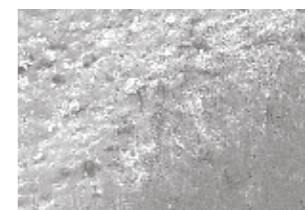
Resin DiaStrip, extrêmement flexible et fin en polyester enduit avec diamant d'abrasif ultra fine, sur un côté. Excellent pour obtenir un brillantage parfait et pour la finition des surfaces interproximales et les zones sous-gingivales, lustre efficacement la surface de l'émail, des composites et des ciments.

DiaStrip en resina es una tira muy flexible y fina delgada de poliéster que incorpora una capa de diamante abrasivo ultra fino en una cara (RDS). Es excelente para un pulido eficaz y de mucho brillo en las zonas inter-proximales y superficies sub gingivales. Le proporciona un brillo eficaz al esmalte, a los composites y a los cementos.

Polishing Enamel-Surface Result



Untreated enamel surface and treated surface with Resin PoliStrip 15µm SEM enlargement 500x



Untreated enamel surface and treated with Resin PoliStrip 15µm SEM enlargement 2000x



Treated enamel surface (40µm) and center treated with Resin PoliStrip 15µm SEM enlargement 2000x

Courtesy of the Institute of Material Science, Technische Universität Darmstadt, Germany



Name:	Ergo PoliStrip	Ergo PoliStrip
Article Ref.:	REPS1-15	REPS-15
Coating side:	1 side	2 sides
Grit µm:	15	15
Coating:	aluminium oxide	"
Packaging refills:	12 pieces	



RestoStrip Diamond

New, smart, resin diamond, and aluminium oxide coated strip, for approximal mesially and distally finishing restoration

Dentasonic Resin Diamond and aluminium oxide RestoStrip System is an innovative new precision polyester (resin) dental strip designed to achieve ideal approximal contact adjustment and a complete marginal seating of crowns, veneers, inlays/onlays, and an approximal contouring of composite fillings – accurately and with minimum time and effort.



Name:	RestoStrip	
Article Ref. No.:	RS-Dia-50	
Grit µm:	60-40	20-7
Thickness mm:	0.12	0.10
Size:	150 x 3mm	150 x 3mm
Packaging refill:	50 pieces	50 pieces

Suitable for:

- enamel
- composite
- ceramic
- zirconia

Available also as:

- single-handed strip
- handpiece strip
- 2 sided strips

BENEFITS

- 1 Coated with diamond grain, short treatment
- 2 Very tear resistant
- 3 Available in four grades
- 4 Extremely thin and flexible material, offering excellent adaptability even between tight interproximal contacts

RestoStrip Aluminium oxide



Name:	RestoStrip	
Article Ref. No.:	RS-50	
Grit µm:	60-40	20-7
Thickness mm:	0.12	0.10
Size:	150 x 3mm	150 x 3mm
Packaging refill:	50 pieces	50 pieces



FlexiDisc Aluminium oxide

New, smart, resin aluminium oxide coated disc's, for approximal mesially and distally finishing restoration

Dentasonic resin aluminium oxide FlexiDisc System innovative new precision polyester (resin) dental disc designed to achieve ideal approximal contact adjustment and a complete marginal seating of crowns, veneers, inlays/onlays, and an approximal contouring of composite fillings – accurately and with minimum time and effort.



Name:	FlexiDisc	
Article Ref. No.:	FD-S1	
Grit µm:	60-40	20-7
Thickness mm:	0.20 - 0.17	0.14 - 0.11
Size:	14mm	14mm
Packaging refill:	50 pieces	50 pieces



Suitable for:

- Restorative, Veneers
- Aligner
- Orthodontic



CombiStrip

New, smart, resin aluminium oxide coated CombiStrip, for approximal mesially and distally finishing restoration

Innovative CombiStrip System is an new precision polyester (resin) dental strip with two different grid and smart finger grip, and a free zone in the middle to pass over the contact point. Designed to offer better control during the treatment, and achieve ideal approximal adjustment and a complete marginal seating of crowns, veneers, inlays/onlays, and an approximal contouring of composite fillings – accurately and with minimum time and effort.



Name:	Combi FinishingStrip		
Article Ref. No.:	CS-Set	1 side CS-60-40	CS-20-7
Grit µm:	60-40	60-40	20-7
Thickness mm:	0.12 - 0.10	0.12	0.10
Size:	85 x 3mm	85 x 3mm	85 x 3mm
Packaging refill:	24 pieces	12 pieces	12 pieces

BENEFITS

- 1 Very tear resistant
- 2 Available in four grades
- 3 Extremely thin and flexible material, offering excellent adaptability even between tight interproximal contacts

2 in 1

- Step 1: contouring, finishing**
- Step 2: Polishing, shining**



After IPR, the stripping process has removed both the protective pellicle and interdental tooth structure.

Remineralising the surface is essential not just to reduce risk of sensitivity and staining, but also to protect against attack from bacteria contained in dental plaque which develops rapidly after IPR (due to the roughened tooth surfaces, but only if you didn't finished with a perfect polishing).

Ideally BioMin toothpaste should be applied immediately after IPR and then twice daily throughout the course of alignment treatment. In the case of fixed orthodontics, the use of BioMin F toothpaste may also reduce the risk of white spot lesions.



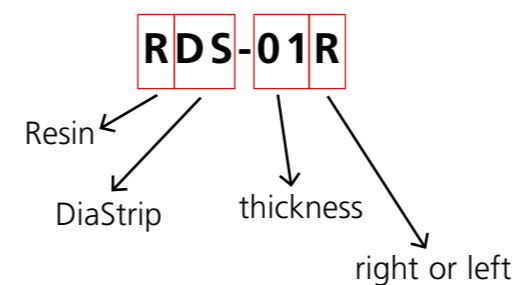
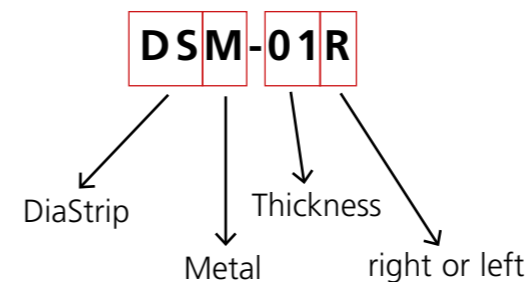
	18ml	75ml
P/N:	BM-F18	BM-F75
Pack:	50 pieces	8 pieces



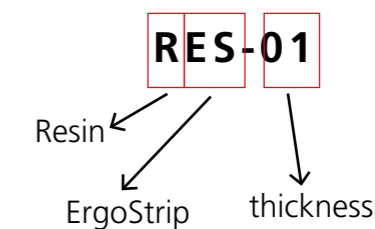
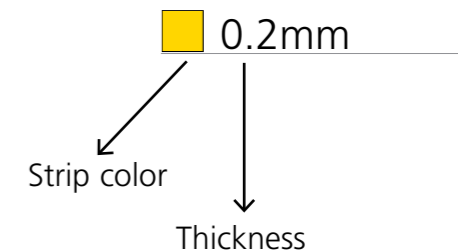
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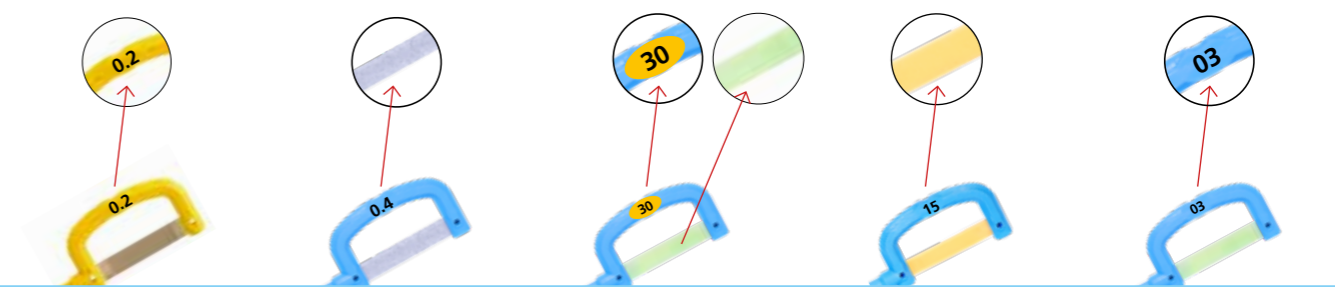
Order reference description



Color identification



Order reference description



Strip thickness of working part in mm, during treatment metal diamond strips
 Resin or metal coated working part, and color reference
 Grain of diamond for restorative strips
 Grain of aluminium oxide polishing strips
 Strip thickness of working part in mm, during treatment, resin diamond strips

User Information - Hygiene Recommendations

User information

- Use an adequate supply of water spray in order not to damage the tooth and contiguous tissues. The water should be distributed over the entire length of the working part. A deflection of the coolant jet can cause heat-related damages.
- Immediately remove any instruments that are damaged or bent.
- Pressure should be 0.3 - 2N (30 - 200p) for Strip instruments.
- The turbine, right-angle and handpiece must all be in perfect technical condition.
- Insert the instruments carefully and without using force.
- Avoid canting or levering when grinding.
- Observe the recommended speeds indicated in the table below and on the package.
- Full speed should be reached outside the mouth of the patient. Technicians should run the handpiece at full speed before application to the product on which they work.

Hygiene recommendations (disinfection, cleaning, sterilization and storage of the DS instruments).

- **Rotating and oscillating instruments must always be disinfected, cleaned and sterilized before they are used on patients.**
- **Place the used instruments in an ultrasonic cleaner with a special disinfectant containing a corrosion inhibitor additive.**

The instruments should not be immersed too long in the solution to ensure that the colour coding is not removed.

Do not use highly aggressive chemical products (e.g. hydrochloric acid, hydrogen peroxide), as they could corrode the instruments.

These substances can also impair the technical properties of the plastics, i.e. change their hardness and durability.

- Clean the instruments in an ultrasonic bath or under running water (preferably distilled water).
- After cleaning, immediately dry the instruments otherwise they can corrode.
- Before sterilization, place the instruments in stands and trays suitable for sterilization.
- Sterilize the instruments. Autoclave: 18 min. 134°C, 2 bars. Hot air: 180°C. Also see page 27.
- After sterilization, keep the instruments in a dust-free place. Instruments used for surgery should be kept in sealed containers.

Istruzioni Per L'uso - Raccomandazioni Igieniche

Istruzioni per l'uso

- Assicurare un raffreddamento abbondante tramite spray onde evitare eventuali lesioni al dente e al tessuto circostante. Il liquido di raffreddamento deve essere ripartito su tutta la superficie attiva dello strumento. La deviazione della traiettoria dello spray potrebbe causare lesioni di origine termica.
- Per gli strumenti con una lunghezza superiore a 19 mm e/o un diametro della parte attiva superiore a 2 mm è necessario un raffreddamento supplementare.
- Gli strumenti deteriorati (ad esempio quelli che presentano una superficie abrasiva irregolare o ricoperta da grumi di nichel), gli strumenti piegati e quelli con una rotazione eccentrica devono essere immediatamente eliminati e non più riutilizzati in quanto potrebbero causare delle ferite sia al dentista/protesista che al paziente.
- La pressione di lavoro deve situarsi tra 0,3 e 2N (da 30 a 200 p). Evitare assolutamente una pressione esagerata, in modo particolare per gli strumenti oscillatori.

La Dentasonic declina ogni responsabilità per un uso improprio dei propri prodotti difforme da quanto indicato nel presente manuale d'uso

- Introdurre la lima nella turbina con precauzione e senza esagerare nel forzare, girare contemporaneamente verso sinistra e verso destra, fino a quando sentite che la lima è ben fissata.
- Evitare di contornare e di far leva sullo strumento durante la lavorazione.
- Rispettare la velocità massima di rotazione indicata nella tabella sottostante e sull'imballaggio.
- Portare sempre lo strumento alla velocità di lavoro consigliata fuori dalla bocca del paziente e prima di entrare in contatto con l'oggetto da preparare.

Raccomandazioni igieniche (disinfezione, pulizia, sterilizzazione e stoccaggio degli strumenti diamantati DS).

- **Prima di essere utilizzati sul paziente gli strumenti rotanti e oscillanti devono sempre essere disinfettati, puliti e sterilizzati.**
- **Collocare gli strumenti utilizzati in un bagno ad ultrasuoni con una speciale soluzione disinfettante contenente additivi anticorrosivi.** Non lasciare gli strumenti nella

soluzione per troppo tempo poiché la codifica colorata potrebbe scomparire. **Non utilizzare prodotti chimici troppo aggressivi (ad es. acido cloridrico, acqua ossigenata,...) in quanto potrebbero intaccare gli strumenti.**

Gli acidi corrosivi possono anche alterare le proprietà tecniche dei materiali sintetici riducendone quindi la loro durezza e tenuta.

- Pulire/risciacquare gli strumenti in un bagno di acqua o con acqua distillata.
- Asciugare immediatamente gli strumenti, altrimenti vi è il rischio di corrosione.
- Prima della sterilizzazione, collocare gli strumenti su dei supporti adatti a tale scopo. Esempio (SteryStrip Holder)
- Sterilizzare. Autoclave: 18 min. 134°C, 2 bars. Aria calda: 180°C. Vedi anche tabella a pag. 27
- Dopo la sterilizzazione conservare gli strumenti, su dei supporti o in recipienti, in un luogo asciutto ed esente da polvere. Se utilizzati a scopo chirurgico, conservare gli strumenti in recipienti chiusi.

Dentasonic declines all responsibility for improper use of its products that differ from what is indicated in this user manual

Anwendungshinweise - Hygiene-Empfehlungen

Anwendungshinweise

- Wir bitten die Anwender um reichliche Wasserkühlung, um Schädigungen des Zahnes und der umliegenden Gewebe zu vermeiden. Durch eine Sprayablenkung können Hitzeschäden verursacht werden.
- Beschädigte, verbogene oder nicht mehr rundlaufende Instrumente sind sofort auszusortieren und nicht mehr zu verwenden.
- Bitte beachten Sie den Arbeitsdruck von 0.3 - 2N (30 - 200p) für alle Feilen-Instrumente; also bitte möglichst drucklos arbeiten.
- Turbine, Hand- und Winkelstück müssen sich in einem technisch einwandfreien Zustand befinden.
- Die Instrumente sind vorsichtig und ohne Gewaltanwendung in das Winkelstück einzusetzen.
- Wir bitten "nicht ziehend" zu arbeiten. Beim Schleifen sind Verkanten und Hebel zu vermeiden.
- Bitte beachten Sie die Hinweise über empfohlene Drehzahlen auf der nachstehenden Tabelle und auf den Verpackungen.
- Das Instrument bitte stets ausserhalb des Mundes des Patienten auf Arbeitsdrehzahl bringen (Techniker: vor dem Ansetzen an das Objekt auf die volle Arbeitsdrehzahl bringen).

Hygiene-Empfehlungen (Desinfektion, Reinigung, Sterilisation und Lagerung von DS Diamant-Instrumenten).

- **Vor dem Einsatz an Patienten sind rotierende und oszillierende Schleifinstrumenten zu**

desinfizieren, zu reinigen und zu sterilisieren.

- **Die verwendeten Instrumente in ein Ultraschallbad mit einer speziellen Desinfektionslösung mit Korrosionsschutzzusatz legen.**

Die Instrumente dürfen nicht zu lange in der Lösung liegen, damit die Farbkodierung nicht verloren geht. Keine zu aggressiven chemischen Produkte (z.B. Salzsäure, Wasserstoffperoxid usw.) verwenden, da sie die Instrumente angreifen könnten.

Diese Substanzen können ausserdem die technischen Eigenschaften der Kunststoffe beeinträchtigen, d.h. deren Härte und Haltbarkeit verändern. Die technischen Eigenschaften der Kunststoffe können vermindert werden und somit nicht mehr die nötige Stärke und Haltung gewährleisten.

- Anschliessend die Instrumente im Ultraschallbad oder unter fliessendem Wasser (destilliertes Wasser ist besser) reinigen.
- Instrumente sofort trocknen, sonst besteht Korrosionsgefahr.
- Vor dem Sterilisieren die Instrumente in sterilisationsgeeignete Ständer und Schalen (z.B. SteryTray) legen.
- Sterilisation Autoklav: 18 Min. bei 134°C, 2 Bar. Heissluft: 180°C. Siehe Tabelle auf Seite 27.

- Instrumente nach der Sterilisation staubfrei in Ständern oder Schalen aufbewahren. Bei chirurgischen Anwendungen in geschlossenen Behältern aufbewahren.

Dentasonic lehnt jede Verantwortung für die missbräuchliche Verwendung seiner Produkte ab, die von den Angaben in dieser Bedienungsanleitung abweichen

DS Product symbol	DS Produkt-etikett-Symbole
	Manufacturer / Produzent
	Disposable / Einweg-Produkt
	Usable several times / Mehrfach verwendbar
	Information / Informationen
	Recycling / Recycling
	Controlled elimination / Kontrollierte Entsorgung
	LOT number / LOT Nummer
	EU Representative / EU Vertreter

Conseils Pour L'emploi - Recommandations Pour L'hygiène

Conseils pour l'emploi

- Assurer un refroidissement suffisant à l'aide d'un spray afin d'éviter une détérioration de la dent et de son environnement. Le spray doit être reparti sur toute la longueur active de l'instrument. Une déviation du spray pourrait causer des lésions d'origine thermique.
- Enlever immédiatement les instruments émoussés ainsi que les instruments tordus.
- Prière de bien observer la pression de travail prescrite de 0.3 - 2N (30 - 200p) pour les bandes; c'est à dire travailler si possible sans pression.
- Les contre-angles et pièces à main doivent être en parfait état.
- Introduire les instruments soigneusement et sans forcer tros, tounez vers gauche et droite, jusqu'au la bande est bien fixé.
- Travailler sans tirer, éviter de faire levier et de pivoter sur l'arête.
- Respecter absolument les vitesses de rotation conseillées indiquées dans le tableau ci-dessous et sur l'emballage.
- Amener l'instrument à sa vitesse de rotation de travail en dehors de la bouche du patient (pour le prothésiste: porter la rotation à pleine vitesse avant d'appliquer l'instrument sur l'objet à travailler).

Recommandations pour l'hygiène (disinfection nettoyage, sterilization et stockage des instruments Diamantés DS).

- **Les instruments abrasif rotatifs et oscillantes doivent toujours être désinfectés, nettoyés et stérilisés avant d'être utilisés sur le patient.**
- **Déposer immédiatement les instruments utilisés dans un bain spécial de désinfection et de nettoyage contenant un additif anti-corrosion pour ultrasons.**

Ne pas les laisser trop longtemps dans le bain car le liquide pourrait effacer les marques colorées de codage.

N'utiliser pas des produits trop agressifs (par exemple l'eau oxygénée, l'acide chlorhydrique,...), car ils pourraient détériorer les instruments. Les matériaux syntétiques peuvent perdre leur propriété technique et perdre leur stabilité voir leur tenue.

Les materielles syntétiques peuvent perdre leur propriété technique et perdre leur stabilité e tenue.

- Nettoyer les instruments dans un bain à ultrasons ou à l'eau courante (mieux encore avec de l'eau distillée).
- Sécher immédiatement les instruments, autrement il y a risque de corosion.
- Avant la stérilisation, placer les instruments sur des supports et dans des récipients appropriés. Par exemple SteryStrip Holder.
- Stériliser les instruments. Autoclave: 18 min.

134°C, 2 bars. Air chaud: 180°C Voir à page 27.

- Après leur stérilization, conserver les instrumets à l'abri de la poussière sur des supports ou dans des récipients. Si les instruments sont utilisés pour la chirurgie, conserver les dans des récipients fermés.

Simboli etichette DS	Symbol des etiquettes DS
	Fabbricante / Fabricant
	Monouso / Jetable
	Riutilizzabile più volte / Plusieurs utilisation
	Informazioni / Informations
	Riciclaggio / Recyclage
	Smaltimento controllato / Elimination contrôlée
	No. di Lotto / Numero de LOT
	Rapp. Europeo / Représentant Européen

Observaciones para su uso - Recomendaciones para la higiene

Observaciones para su uso.

- Rogamos aplicar una cantidad adecuada de agua, para evitar daños en el diente y en los tejidos que lo rodean. El agua debe distribuirse sobre toda la longitud de la pieza de trabajo. Una desviación del spray puede ocasionar lesiones debido a sobrecalentamiento.
- Los instrumentos dañados, doblados o que hayan perdido su giro concéntrico deberán desecharse inmediatamente.
- La presión de trabajo debe ser igual a 0,3 - 2N (30 - 200p) para todas las lijas; es decir, que deberán trabajar con la menor presión posible.
- La turbina, el ángulo derecho y la pieza de mano deberán hallarse en perfectas condiciones técnicas.
- Los instrumentos deberán introducirse cuidadosamente y sin utilizar la fuerza. Los instrumentos miniatura únicamente deberán fijarse hasta el final de la zona cilíndrica.
- Durante la abrasión, es preciso evitar los movimientos pivotantes, de ladeos y palanca de la fresa sobre la pieza a tratar.
- Rogamos respetar las instrucciones relativas al número de revoluciones que se indican en la siguiente tabla y en los envases.
- Rogamos alcanzar la velocidad máxima fuera de la boca del paciente. Los técnicos deben acelerar la pieza de mano a máxima velocidad antes de apli-

carla al producto sobre el que se está utilizando.




Recomendaciones para la higiene (desinfección, limpieza, esterilización y almacenamiento de los instrumentos DS).

- Los instrumentos rotatorios y oscilatorios deberán someterse siempre a una desinfección, limpieza y esterilización antes de utilizarlos en pacientes.
- **Los instrumentos utilizados deberán sumergirse inmediatamente en una solución de desinfección con protección anticorrosión.** En este baño ultrasónico los instrumentos deben dejarse durante un corto tiempo para evitar que se desprenda su código de color. **Es preciso evitar los productos químicos agresivos (por ejemplo, ácido clorhídrico, agua oxigenada,...), ya que pueden oxidar los instrumentos.** **Estas sustancias también puede afectar las características técnicas de los plásticos, es decir cambiar su dureza y durabilidad.**
- Limpiar los instrumentos en un baño ultrasónico o bajo agua corriente (preferentemente agua destilada).
- Secar los instrumentos inmediatamente después de su limpieza para evitar el riesgo de corrosión.
- Antes de esterilizarlos, colocar los instrumentos en

soportes y bandejas adecuados para la esterilización.

- Esterilizar los instrumentos. Autoclave: 18 min. 134°C, bars. Aire caliente: 180°C. Ver a pagina27.
- Después de la esterilización, los instrumentos deben conservarse en lugares libres de polvo. Para el uso quirúrgico deberán conservarse en recipientes sellados.

Simbolos de productos DS

-  Productor
-  Dichesable
-  Reutilizabel mas veces
-  Informaticción
-  Reciclable
-  Eliminación controlada
-  Nu. de Lote
-  Representante Europeo

Dentasonic declina toda responsabilidad por el uso indebido de sus productos que difieran de lo indicado en este manual de usuario

Sterilization

Files are currently advertised as being sterilizable for repeated use. NB: The nature of particle entrapment within the grit makes the practice of using recycled files among different patients discretionary. We advise always to sterilize the files in an autoclave with a cycle B "prion". This is in compliance with the EU standard EN13060.

Programme table:	Programmtabelle:	Tabella programmi:	Tableau programmes:	Tabla para programar:	B Standard 134	B Prion 134	B Standard 121
Sterilization Cycles	Sterilisationszyklen	Cicli di sterilizzazione	Cycles de stérilisation	Ciclos de esterilización			
Temperature	Temperatur	Temperatura	Témpérature	Temperatura	135.5° C	135.5° C	122.5° C
Pressure	Druck	Pressione	Pression	Presión	2.16 bar	2.16 bar	1.14 bar
Duration of the plateau	Dauer der Sterilisationsphase	Durata fase di sterilizzazione	Durée phase de stérilisation	Duración de la meseta	4'	18'	15'
Duration of the drying phase	Dauer der Trockenphase	Durata fase di asciugatura	Durée phase de séchage	Duración de la fase de secado	15'	15'	20'
Total duration:	Gesamtdauer:	Durata totale:	Durée totale:	Duración total ciclo:	MB 17 30'- 40'	44'- 54'	50'- 60'

Die Feilen sind für den wiederholten Einsatz nach jeweiliger Serilisation empfohlen. **Anmerkung:** Wegen der Retention von Partikeln zwischen den Schleifkörnern liegt die Wiederverwendung aufbereiteter Feilen im eigenen Ermessen. Um der EU-Norm EN 13060 zu entsprechen empfehlen wir, die Sterilisation der Feilen im Autoklaven stets mit einem B-Zyklus „Prionen“ durchzuführen.

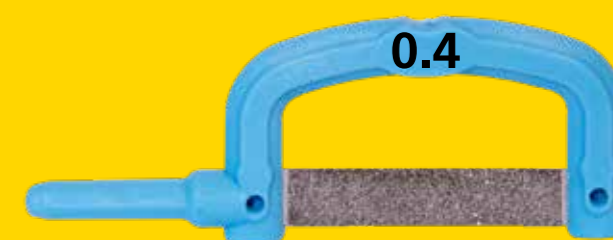
Le lime offerte sono sterilizzabili e riutilizzabili. **NB:** A causa dell'intrappolamento di particelle residue tra i grani di diamante, il riutilizzo delle stesse per più pazienti è di vostra esclusiva discrezione. Noi consigliamo di sterilizzare sempre le lime in autoclave con il programma ciclo B "Prion". In tal modo viene garantita la conformità alla normativa europea EN13060.

La publicité sur les râpes mentionne la possibilité de les stériliser pour un usage répété. **NB:** la nature des particules qui se trouvent coincées dans le grain rend l'utilisation des mêmes râpes sur différents patients sujette à caution. Nous recommandons de toujours stériliser les râpes dans un autoclave avec le cycle B «prion». Ceci afin de respecter le standard EN13060 de l'Union Européenne

Normalmente se anuncia que las limas deben ser esterilizadas para su repetido uso. **Nota:** La naturaleza de las partículas atrapadas dentro de la arenilla hace que la práctica diaria de utilizar limas reciclables entre los diferentes pacientes sea discrecional. Recomendamos esterilizar SIEMPRE las limas en autoclave en el ciclo B. De esta forma, cumplimos también con la normativa Europea Estándar EN13060.

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