



DENTA
SONIC

Safe,
accurate,
predictable,
enamel
correction



SWISS MADE



IPR-EVO

interproximal enamel reduction evolution

**Absolute freedom
of movement**

The evolution in IPR

Universal brushless motor for:

- IPR
- Endodontics
- Finishing & Polishing

Features:

- Torque control
- Torque acoustic alarm



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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 develop and improve in 2004, hi 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 non-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.

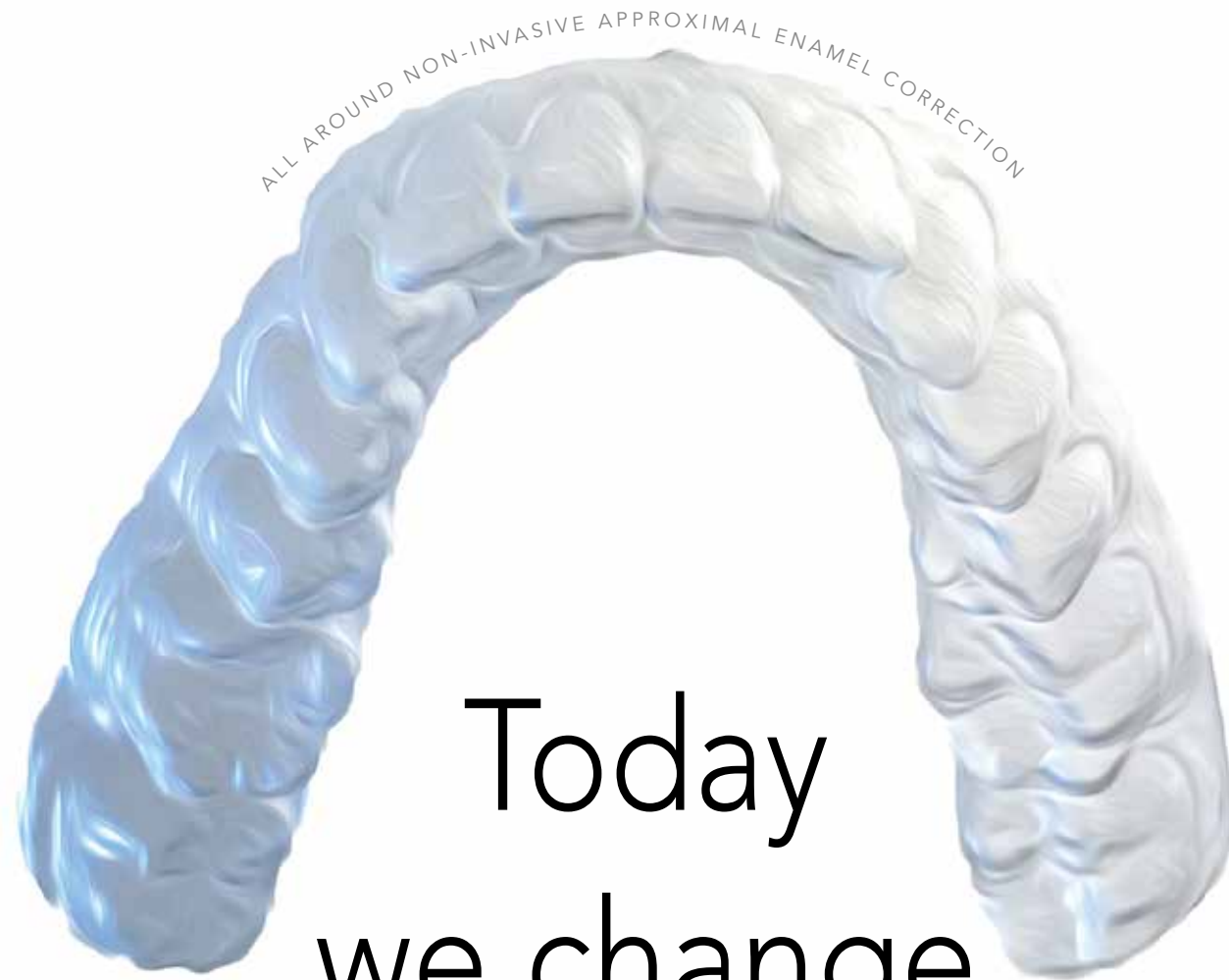
UNSERE GESCHICHTE

Initiant und treibende Kraft bei DentaSonic ist der Tessiner Dentspezialist Peter Rek, der seine langjährige Erfahrung, seine fachlichen Erkenntnisse und seine klaren Vorstellungen von Produktequalität 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 avoid
over reduction
of patients
enamel.”



Today
we change
the art, how do
IPR!

We call them
NI-IPC
Non-invasive
Interproximal
enamel
correction

DentaSonic has developed the only non-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 non-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.

Developed for use with Invisalign, ClearCorrect, eClinger, Inman Aligner, Six Month Smiles, EON Smile, BestSmile and other orthodontic treatments.

Reason why we give them a new definition. We call them **NI-IPC!** Non-invasive Interproximal Enamel Correction. Avoiding any over reduction, saving patient enamel! That's our priority at all.

Our Benefits

unique, and innovative products

Quick, safe through the contact point

1 Our thin saw is designed in order to avoid any cuts on soft tissue; really effective to quickly and safely open the interproximal area and to control the contact point.

Predefined thickness classes

3 **0.1 to 0.5mm** Defined according to different thickness classes. Simply and safely remove exactly the necessary amount of enamel, avoiding any over reduction.

Gentle correction / reduction of the Enamel

2 Precise and safe tools with less aggressive diamond grit, to reduce vibration feelings during treatment, and quite less treatment time, so more comfortable and totally safe for the patient.

Perfect final polishing

4 Final polishing with PoliStrip that guarantee you a perfect polished treated zone, even smoother than natural enamel. No issues about caries.

We are unique, we have innovative products

5 We develop and improve unique and innovative products to make IPR treatments more and more safe, comfortable and precise.

Silent reciprocable hand piece

6 unique hand piece with interchangeable heads. Silent and vibration free.

Precise non invasive IPR Strips

7 avoid any over reduction! Totally safe, no compromise.



As an orthodontist I perform a fairly amount of IPR. I have tested a lot of different tools for IPR. BUT the Dentasonic-system is really a gamechanger for me. For every part of the system (handpieces, metalstrips and resinstrips) you can see and feel the swiss quality. The diamond grit on the strips is perfect for non invasive interproximal reduction without damaging the enamel. Dentasonic is the golden standard in IPR.

Dr. Oliver Liebl / Klammeraffe - KFO

the essentials

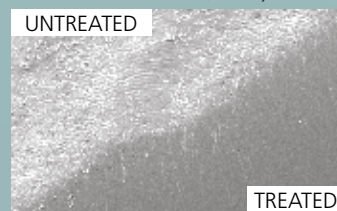
Essential strips for complete IPR treatment

						
Ref.:	DSS-01	DSM-02	DSM-03	DSM-04	RDS-05	RPS-15
Purpose:	opening cp	opening	opening	opening	contouring	polishing
Opening:	0.1mm	0.2mm	0.3mm	0.4mm	0.5mm	0.2mm
Grain:	15 micron	25 micron	40 micron	60 micron	60 micron	15 micron AO

prescription

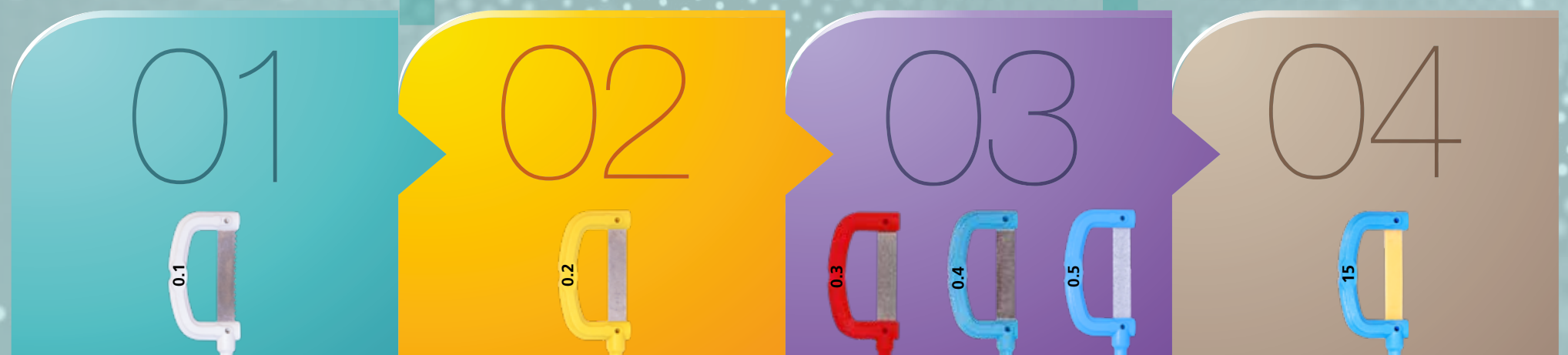
Aligner IPR prescription for controlled, safe, and reliable result

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



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

Advise:
avoid using too
aggressive diamond
grits (90, 120 and 150
microns), **they destroy
the enamel!**



Opening

Open the contact point to provide an easy access to the interproximal surfaces. The opener has a thickness of only 0.1mm with a serrated edge. A minimally abrasive grit of 15 micron facilitates the opening procedure.

IPR

Start to reduce the enamel with an intermediate abrasive (25 micron) strip of 0.2mm thickness. Use the intermediate strips until they completely became passive in the interproximal space.

Don't miss a step! Remember to gradually proceed, until you have obtained the space you want.

Active IPR

Reduce the interproximal enamel by means of the Diastrips (40 and 60 micron) with calibrated thickness of 0.3mm 0.4mm, ev. also resin ***0.5** mm. Choose the adequate thickness according to the space required.

Finishing and polishing

Finish the IPR procedures by polishing the treated interproximal surfaces with a resin PoliStrip (15 micron). Finishing and polishing procedures are required at the end of the protocol in order to guarantee more regular and homogeneous enamel surfaces avoiding the risks of morphological irregularities and caries.

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

Oscillating DiaStrips are especially suitable for safe, precise, and non-invasive orthodontic preparations. Bilateral and monolateral, targeted-thickness strips, for a controlled interproximal correction, and reduction (NI-IPC) 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, nicht-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 non invasive 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 non invasives. 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 no 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.

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

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 non-invasive IPC 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.

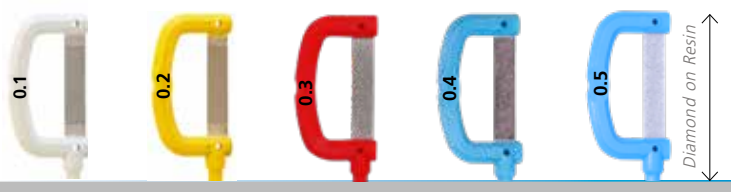




All available
refills and packaging

ALIGNER, ORTHODONTIC, LINGUAL

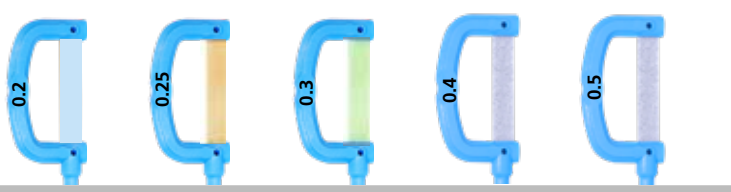
2 sides
metal diamond
coated strip



2 sides	DiaStrip				Resin DiaStrip
Old Ref:	DSM-15	DSM-25	DSM-40	DSM-60	
New P/N:	DSM-01	DSM-02	DSM-03	DSM-04	RDS-05
Opening:	 0.1mm	 0.2mm	 0.3mm	 0.4mm	 0.5mm
Blister pack:	5 and 12 pieces				
Thickness= +/- 0.05mm					



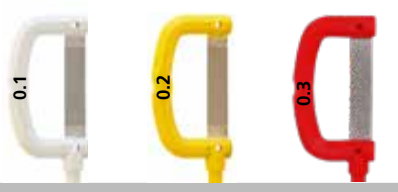
2 sides
resin diamond
coated strip



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:	0.2mm	0.25mm	0.3mm	0.4mm	0.5mm
Blister pack:	12 pieces				

Disposable can be used
3 times from canin distal
to canin distal.

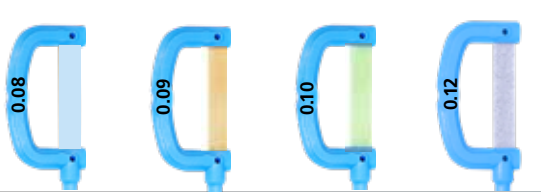
1 side
metal diamond
coated strip



1 side	DiaStrip		
Old Ref.:	DSM1-15	DSM1-25	DSM1-40
New P/N: left	DSM-01L	DSM-02L	DSM-03L
New P/N: right	DSM-01R	DSM-02R	DSM-03R
Opening:	 0.1mm	 0.2mm	 0.3mm
Blister pack:	5 and 12 pieces		
Thickness= +/- 0.05mm			



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: left	RDS-008L	RDS-009L	RDS-010L	RDS-012 L
New P/N: right	RDS-008R	RDS-009R	RDS-010R	RDS-012 R
Thickness:	0.08mm	0.09mm	0.10mm	0.12mm
Blister pack:	12 pieces			

Disposable can be used
3 times from canin distal
to canin distal.

DiaSaw

The DentaSonic contact point opener

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, non-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.

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 IPC treatments

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



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

DiaBee

The Flexible DentaSonic NI-IPC Solution

Non-Invasive IPC. 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, non-invasive orthodontic preparations. Bilateral, targeted-thickness strips, more flexible than the DiaStrips for controlled interproximal correction, (NI-IPC). Targeted strips from 0.1 to 0.3mm

DiaBee mit flexibler Wabenstruktur, besonders geeignet zur sicheren, präzisen, nicht-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 non invasive sicure e precise. Diamantate su due lati (DSB). Più flessibile rispetto le DiaStrip. Spessori calibrati da 0.1 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

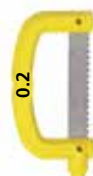
- Efficient, flexible, safe, gentle, and agreeable opening of the interdental contact points
- Rapid and controlled reduction of the enamel
- Very thin and flexible strip.

Les bandes DiaBee avec structure nid d'abeille flexible, sont parfaitement adaptées à la réalisation de préparations orthodontiques sécuritaires et précises, tout en étant non invasives. 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 no 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.

ALIGNER, ORTHODONTIC, LINGUAL

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 pieces		
Thickness= +/- 0.05mm		Thickness= +/- 0.05mm	

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 pieces

2 sides metal diamond bee structured 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 and 12 pieces			
Thickness= +/- 0.05mm				

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 non 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.



1 side
resin diamond coated finishing strip

Disposable can be used 3 times from canin distal to canin distal.

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			
Until end of stock				

uncoated
metal Saw
open bonding



- 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 pieces



Flexible final polishing & shining

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

PoliStrip are especially suitable for safe, abrasive precise, comfortable non-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

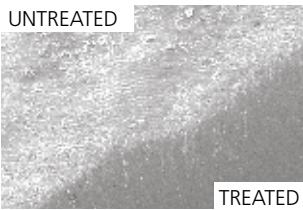
- Benefits**
- Rapid, controlled, and agreeable polishing of the interdental zone.
 - Smoother polishing to avoid removing more enamel than necessary



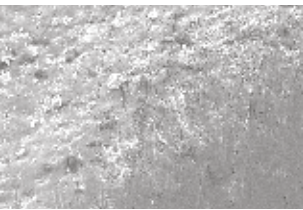
Resin PoliStrip, extrêmement flexible et fin en polyester enduit avec oxyde d'aluminium d'abrasif ultra fine, sur deux côtés. Excellent pour obtenir un brillantage parfait et pour la finition des surfaces interproximales et les zones sous-gingivales, lustre efficacement la surface de l'émail, des composites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

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.

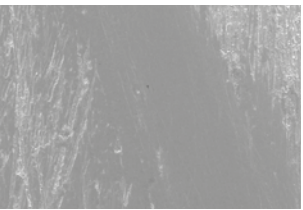
Polishing enamel surface result



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

Disposable can be used 3 times from canin distal to canin distal.

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

light,
cordless,
brushless,
silent,
interchangeable
head,
torque control
torque sensor
absolute
freedom of
movement



“**absolute** freedom
of movement
for better control
and **comfort.**”

Starter Kit



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



IPR-EVO

interproximal enamel reduction evolution

Absolute freedom of movement
a multitalent brushless and cordless motor.

- IPR
- Finishing & Polishing
- Endo



Features:

- brushless
- cordless
- Torque control
- Torque acoustic alarm



The most innovative way of treating IPR (orthodontic, aligners and lingual), completely free movements with new pressure control and acoustic alarm.

The safest way of treatment in combination with our pre-calibrated DiaStrips files.

Die innovativste Art der Behandlung von ASR (Kieferorthopädie, Aligners und lingual), komplett freie Bewegungen mit neuer Druckkontrolle und akustischem Alarm. Die sicherste Art der Behandlung in Kombination mit unseren vorkalibrierten DiaStripsfeilen. Dieser Multitalent-Motor eignet sich auch für Endo-Behandlungen, Finieren und Polieren, Inlays und Onlays, sowie für Veneers. Ein einzigartiges universelles innovatives Werkzeug.

La manière la plus innovante de traiter l'IPR (orthodontie, aligneurs et lingual), des mouvements complètement libres avec un nouveau contrôle de pression et une alarme sonore. Le mode de traitement le plus sûr en combinaison avec nos limes DiaStrips précalibrées. Ce moteur aux multiples talents convient également pour les traitements endo, la finition et le polissage, les inlays et onlays, ainsi que les facettes. Un outil universel unique et innovant.

This all-rounder is also suitable for endo treatments, finishing and polishing, inlays and onlays, and veneers. A unique universal innovative tool.

L'arte più innovativa per trattare l'IPR (ortodonzia, aligners e linguale), completamente libera con il nuovo controllo del torque e l'allarme acustico. Il modo più sicuro di trattare l'IPR in combinazione con le nostre lime pre-calibrate DiaStrips. Questo multitaleto è adatto anche per i trattamenti endodontici, la rifinitura e la lucidatura, l'inlay e l'onlay e le faccette. Uno strumento unico, universale e innovativo.

La forma más innovadora de tratar IPR (ortodoncia, alineadores y lingual), movimientos totalmente libres con nuevo control de presión y alarma acústica. La forma más segura de tratamiento en combinación con nuestras limas DiaStrips precalibradas. Este multitaleto también es adecuado para tratamientos endodóncicos, acabado y pulido, inlays y onlays, así como carillas. Una herramienta única, universal e innovadora.

IPR-EVO 1

interproximal enamel reduction evolution



IPR-EVO 1

Confection bundle including

- 1- Reciprocating IPR head 1:1
- 1- Blister of 12 pcs Aligner Set DSA-S12
- 1- Blister of 12 pcs PoliStrip RPS-15

IPR-EVO 2

interproximal enamel reduction evolution



IPR-EVO 2

Confection bundle including

- 1- Reciprocating IPR head 1:1
- 2- Rotating Finishing head 1:1
- 3- RA Endo head 16:1
- 1- Blister of 12 pcs Aligner Set DSA-S12
- 1- Blister of 12 pcs PoliStrip RPS-15



IPR-EVO

interproximal enamel reduction evolution

Multitalent IPR-EVO

The evolution in IPR

Cordless and safe

IPR-EVO is an easy-to-use universal system that is safe and effective in use.

Safety functions for IPR

1) Torque control

The torque control stop to work when the set torque is reached.

2) Torque sensor,

The torque sensor ring up when the set torque is reached, and stop to work.

Safety functions for Endo

The autoreverse and autoforward modes with automatic safety stop minimize the risk of file breakage.

Small head

The extremely small head enlarges the field of vision and offers the best possible access to the treatment site.

Maximum comfort

Ergonomically shaped drive hand-piece for comfortable and fatigue-free working.

360° rotating contra-angle attachment

The contra-angle attachment can be attached to the drive handpiece as required. This means flexible handle positions during treatment.



Short
IPR EVO 1
IFU



RA contra-angle
rotating head 16:1 and 1:1
can also be used
with LED light



Name:	IPR-EVO	IPR-EVO Head	Endo Head	Finishing Head
Article Ref.	IPR-EVO1	IPR-H1	EH-2	FP-3
Light:	yes	no	yes	yes
Stroke / movement:	rotating	0.9mm reciprocating	rotating	rotating
Transmission Ratio:		silver (ring) 1:1	green (ring) 16:1	silver (ring) 1:1
Speed:	140 - 600 min ⁻¹	max 4'000 min ⁻¹	140 - 600 min ⁻¹	max 3'000 min ⁻¹

IPR-EVO reciprocating head 1:1



IPR-EVO, Restoration



All DiaStrip



All Proxo file

compatible with all automatic strips and other brands like (Dentsply, Dentatus, Intensiv).

IPR-EVO reciprocating head 1:1. Speed, Torque, Working mode can be adjusted.
Speed: 1400-5000 rpm adjustable Torque: 0.6-4.0N.cm adjustable

PATENT PENDING



FINISHING / POLISHING



Brushes



Discs



Polishers

RA contra-angle rotating head 1:1. Speed, Torque, Working mode can be adjusted.
Speed: 1400-2000 rpm adjustable Torque: 0.6-4.0N.cm adjustable

RA contra-angle rotating head 16:1



ENDO



RA Endo files

Speed, Torque, Working mode can be adjusted.
Speed: 140-600 rpm adjustable Torque: 0.6-4.0N.cm adjustable

	IPR-EVO handpiece drive
Battery type:	Li-ion
Battery voltage:	3.7 V
Rated capacity:	1050 mAh
Torque range / Torque stages	0.6 - 4.0 Ncm / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 / 1.1 / 1.2 / 1.3 / 1.4 / 1.5 / 1.6 / 1.7 / 1.8 / 2.0 until 4.0 Ncm
Weight:	120 g

	EH-2 contra-angle head
Transmission ration:	16:1
Coupling system:	Dentasonic coupling
Recommended root canal instruments:	Files for rotary root canal preparation at 300 min ⁻¹ with a shaft of Ø 2.35 mm
Weight:	20g
Hygiene:	thermo washer disinfectable / sterilizable

	Charging station
Main voltage:	100-240V 50/60Hz standart EU for US plug, please ask
Permissible voltage fluctuation:	+/- 10%
Frequency:	50 - 60 Hz
Power:	5W
Weight:	60g

DentaSonic Professional Kit 2

The ultimate Professional Kit 2
for non-invasive, accurate and gentle



- Benefits**
- Efficient, safe, gentle, and agreeable opening of the interdental

Suitable for:

- Orthodontic
- Aligner



The ultimate Professional Kit in a cardboard box with a complete range of DiaStrip for the **bilateral and monolateral** controlled non-invasive IPC (approximal correction) 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.

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 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 monolaterale** 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 cartone con DiaStrip per la riduzione interdentale **bilaterale e monolaterale** dello smalto dentale, la finitura prossimale, lucidatura in ortodonzia, allineatori trasparenti e / o restaurativa. Il kit contiene il nuovo manipolo 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 cartón con DiaStrip para la reducción interdental **bilateral y monolateral** del tamaño del diente y el acabado y pulido proximal en ortodoncia, 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.



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-03, 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 whitout prior notice.

	Art. Ref.: DSPK2-2Y	DSPK2L-2Y
	Stroke: 4:1	4:1
	Sterilizable: Yes	Yes

Basic Sets

A basic set for those that want to start with basic knowledge about NI-IPC or want improve their NI-IPC with aligner treatments.

Basic set: water-cooled handpiece with a 4:1 reduction. Ideal basic initial set for Bilateral controlled non-invasive IPC (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 Aligner



Art. Ref.:	DSG4A-204
Stroke:	4:1
Pieces:	13
Sterilizable:	Yes
Warranty option:	2 years

Content:
1x DSS-01, 1x DSM-02, 1x DSM-03, 1x DSM-04, 1x RDS-05, 3X 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 whitout prior notice.

Take
the guesswork
out of
IPC
interproximal
correction

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, non-invasive orthodontic, aligner, lingual, and restorative preparations.

Handpiece

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

Maintenance

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

Pflege des Handstücks

Um eine möglichst lange Lebensdauer zu gewährleisten, beachten Sie bitte vor Einsatz des Handstücks 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 mm 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:	0.9mm	0.9mm	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



Name:	DiaStrips Head	RA 204 Bur Head	Extraction Tip	Spray Nozzle	IPR Head Nozzle	hole needle
Article Ref.	DSH-09	DSH-30	MG-1	SN-1	SN-2	WN-1
Stroke:	0.9mm	rotating	—	—	—	—
Ideal speed:	5'000-7'000opm	10'000 - 25'000rpm	—	—	—	—

Ideal Micromotor Speed Set-Up

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-anles 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



Correct handling
How insert and remove tools from the head

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



Wrong strip handling

Correct strip handling

Never push inside the strip into the head like the two picture on the left, 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.

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

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.



Set name:	Debonding-Set	Debonding-Set Green
Art. Ref. Set:	DB-SE6	DB-S6
Shank type/Shape:	RA 204 / Cup and Point	RA 204 / Cup and Point
Pieces:	6	6
Sterilizable:	yes	yes



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 Polisher	Debonding Polisher Green
Art. Ref. Refill:	DB-RE20	DB-R20
Shank type/shape:	204 / Cup	204 / Cup
Size (Ø mm)	6 x 8.3	6 x 8.3
Rec. RPM:	3.000 - 5.000	3.000 - 5.000
Pieces:	6	6
Sterilizable:	yes	yes



Set name:	Debonding Polisher	Debonding Polisher Green
Art. Ref. Refill:	DB-RE21	DB-R21
Shank type/shape:	204 / Point	204 / Point
Size (Ø mm)	5,2 x 10.5	5,2 x 10.5
Rec. RPM:	3.000 - 5.000	3.000 - 5.000
Pieces:	6	6
Sterilizable:	yes	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



Manual Strip Handle

DentaSonic Strip Handle to improve the manual use of strips.



The head part can be rotated up to 90 degrees, rotating middle part.



Rotate the head to open. Insert the strip. Rotate the opposite way to close.

Name:	Manual Strip Handle
Article Ref.:	DSH-1
Type:	RA shank (2.35mm)
Packaging:	1 piece
Autoclavable:	Yes

The head part can be rotated up to 90 degrees by going to slightly unscrew the middle part of the handle. This is a great advantage for operating in the buccal part where similar products usually do not have this option.

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



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

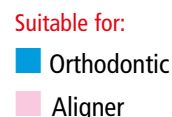
Manual Diamond ErgoStrip suitable for safe, precise, orthodontic preparations. Bilateral and/or monolateral, predefined thickness strips, for controlled IPC reduction/correction, and finishing & polishing in orthodontics or restorations.

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

Le lime manuali ErgoStrip sono adatte per preparazioni ortodontiche non invasive 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 ErgoStrip sont parfaitement adaptées à la réalisation de préparations orthodontiques sécuritaires et précises, tout en étant non invasives. Diamantée sur deux cotés (ESM) et / ou un côté (ESM1). Épaisseur calibrée, pour une réduction interproximale contrôlée.

Las tiras manuales ErgoStrip están especialmente diseñadas para preparaciones seguras, precisas y no invasivas en ortodoncia. Dos caras (ESM) y/o una cara (ESM1). Tiras de grosor perfectamente calibrado para controlar la reducción interproximal.



Finger Grip design
for better tactile control & perfect grip

2 sides
metal diamond
coated strip



Name:	ErgoStrip	ErgoStrip	ErgoStrip	ErgoStrip
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:	0.10 - 0.15mm	0.15 - 0.23mm	0.23 - 0.27mm	0.28 - 0.30mm
Packaging refills:	4 and 12 pieces			
Thickness= +/- 0.05mm				

Thickness= +/- 0.05mm

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:	0.10mm	0.15mm	0.20mm	0.20 - 0.24mm
Packaging refills:	4 and 12 pieces			
Thickness= +/- 0.05mm				

Thickness= +/- 0.05mm

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

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

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

Les bandes ErgoSaw sont parfaitement adaptées l'ouverture rapide des ponts de contact en orthodontie, tout en étant invasives minimales. 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

■ Prophylaxis



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

DiaBee mit flexibler Wabenstruktur, besonders geeignet zur sicheren, präzisen, nicht-invasiven kieferorthopädischen Präparation. Zweiseitig (DSB) diamantbeschichtet.

Mit kalibrierter Stärke zur kontrollierten Schaffung approximaler Korrektur, Konturierung und zum Polieren.

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

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

Las tiras ErgoBee con estructura panal flexible son especialmente diseñadas para preparaciones seguras, precisas y no 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:	ErgoBee	ErgoBee	ErgoBee	ErgoBee
Article Ref. 2 sides:	ESB-15	ESB-25	ESB-40	ESB-60
Grain μm :	15 μm	25 μm	40 μm	60 μm
Packaging refills:	4 and 12 pieces			
Thickness= +/- 0.05mm				

Thickness= +/- 0.05mm

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.



Finger Grip design for better tactile control & perfect grip

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		
Grain µm:	60-40	20-7	
Thickness mm:	0.12	0.10	
Size:	150 x 3mm	150 x 3mm	
Packaging refill:	25 pieces	25 pieces	

Suitable for:

- enamel
- composite
- ceramic
- zirconia

Available also as:

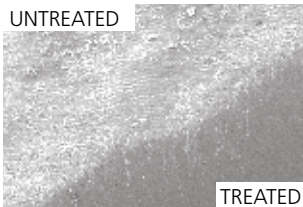
- single-handed strip
- handpiece strip
- 2 sided strips

BENEFITS

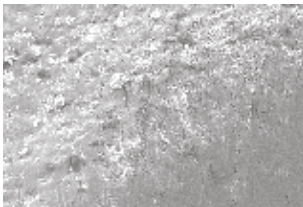
- 1 Coated with diamond grain, short treatment
- 2 Very tear resistant
- 3 Available in four grades
- 4 Extremely thin and flexible material, offering excellent adaptability even between tight interproximal contacts

Restorative Polishing Tools

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

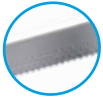
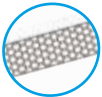
Courtesy of the Institute of Material Science: Technische Universität Darmstadt, Germany



Disposable can be used 3 times from canin distal to canin distal.

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

Until end of stock

RESTORATION, VENEERS				
	No diamond coating	Name:	ErgoStrip Saw	ErgoPlaque
	Nicht diamantbeschichtet	Article Ref. 2 side:	ESS-1	EP-1
	Non diamantata	Grain µm:	No diamond, serrated	No diamond
	Pas diamantée	Thickness 2 sides:	0.08mm	0.05mm
	Sin diamante	Packaging refills:	4 and 12 pieces	12 pieces
		Thickness= +/- 0.05mm		

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		
Grain µm:	60-40	20-7	
Thickness mm:	0.20 - 0.17	0.14 - 0.11	
Size:	14mm	14mm	
Packaging refill:	50 pieces	50 pieces	



RestoStrip Aluminium oxide

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

Dentasonic Resin 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-50		
Grain µm:	60-40	20-7	
Thickness mm:	0.12	0.10	
Size:	150 x 3mm	150 x 3mm	
Packaging refill:	25 pieces	25 pieces	

CombiStrip

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

Innovative CombiStrip System is a 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	CS-60-40	CS-20-7
Grain µm:		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:	20 pieces	20 pieces	20 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

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 (desinfection, 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.

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

DS Product symbol

- Manufacturer
- Disposable
- Usable several times
- Information
- Recycling
- Controlled elimination
- LOT number
- EU Representative



User Information
Hygiene Recommendations
Instruction of use
Languages: EN-D-F-IT-ES-P

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:			
Sterilization Cycles	Sterilisationszyklen	Cicli di sterilizzazione	Cycles de stérilisation	Ciclos de esterilización	B Standard 134	B Prion 134	B Standard 121
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'

Take the guesswork out of IPC

Interproximal
correction



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SONIC

DS DENTASONIC SA
Via Piodella 12
CH-6933 Muzzano
Switzerland

Tel. +41 91 600 19 60
info@dentasonic.ch
www.denta-sonic.com

Official Distributor:

CE Certificates:



Web site

European Representative: QuaSer S.r.l., Via Pian due Torri, 19, 00146 Roma

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