Fix&Strip®

SDC Product Line 2014

SWISS dentacare®
QUALITY DENTAL PRODUCTS

G5-ProLign Strips

New calibrated tools for Aligner Systems and fixed orthodontics

G5-ProLign strips are especially suitable for safe, precise, minimally invasive orthodontic preparations. Safe and comfortable treatment. Excellent tools with perfectly calibrated thickness strips, for controlled interproximal reduction.




2 sides coated strips





Name:	G5-ProLign	G5-ProLign	G5-ProLign	G5-ProLign	G5-ProLign
Thickness:	0.10 mm	0.20 mm	0.30 mm	0.40 mm	0.50 mm
Article Ref. 2 sides:	1310/3	1320/3	1330/3	1340/3	1350/3
Available pack. refills:	3 pcs.	3 pcs.	3 pcs.	3 pcs.	3 pcs.

1 side coated strips




Name:	G5-ProLign	G5-ProLign	G5-UltraSoft (ultra fine)	Refill Packaging
Thickness:	0.10 mm	0.20 mm	0.09 mm 2 side coated	
Article Ref. 1 side:	1310/1/3	1320/1/3	1106/3	
Available pack. refills:	3 pcs.	3 pcs.	3 pcs.	3 pcs.

SDC-CombiStrip thin flexible diamond coated strip with dual operative mode

Extra thin flexible strip with an ingenious **dual operation mode.** Excellent for high-gloss polishing of interproximal areas and subgingival surfaces, enamel, composites, and cements. **Ideal smart solution for rounding off the tooth profile after proximal reduction.**
Also suitable for removing overhanging sections of composite and cement.


Application field:
- Ortho & aligners
- Restorative



Name:	CombiStrip	CombiStrip
Strip hight:	2.5 mm 2 side coated	2.5 mm 1 side coated
Grid:	ultra-fine	fine
Article Ref.:	1800/UF	1800/F
Packaging refills:	3 pcs.	3 pcs.

G5-ProLign Starter Kit.

With SIRONA hand piece

Art. 1300/Kit

SIRONA handpiece with internal water irrigation

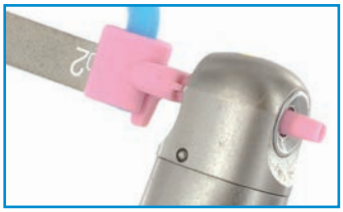
No noise!
No vibration!

Handpiece Maintenance
To guarantee that the products have a long service-life, please refer to the manufacturer's instructions (included in all packaging).

We advise
change the max speed of your micro motor at **20'000 rpm.**


Micromotor (T1 **Line**) attachment


Micromotor (T1 **Classic**) attachment


Sirona head T1 Line 11 with water nozzle, coupled with ProLign


Sirona head T1 Line 11 with water nozzle, coupled with Proxocare

Name:	SDC-Sirona 11	SDC-Sirona 11L
Article Ref.	1996	1995
Type:	Water	Water & Light
Stroke:	1,1	1,1
Reduction:	2,4:1	2,4:1
Ideal operation:	Orthodontic	Restorative
Speed:	7-8'000 rpm	7-8'000 rpm

The reasonable Lead-in
to controlled enamel correction

Benefits:

1. **Universaly suitable**
   Orthodontic and restorative treatment as well as prophylaxis
2. **Budget protecting**
   No expensive initial investments required
3. **Risk minimizing**
   well directed enamel correction combined with reduced injury risk
4. **Time saving**
   Cost effective through reduced work load.

The new autoclavable

SDC-Oscillating Head

No costly equipment required changeable, calibrated G5-ProLign files, connected to the costsaving **autoclavable plastic oscillating Head.**

The new Fix & Strip system with a plastic material Head with oscillating movement will provide you the most economic system for all your treatments in the interproximal zone.

SDC-Fix&Strip Starter Kit.

Complete starter Kit with Nose Cone

Art.FS-120/Kit

SDC-Fix&Strip Intro Kit.

Complete Intro Kit without Nose Cone

Art. FS-110/Kit

SDC-Fix&Strip Refill Kit.

Refill Kit

Art. FS-100M/Kit

Instruments compatibility with OHead

Instruments for OHead

Orthodontic

Universal strips
Different diamond grain enamel reduction


ProStrip

Orthodontic & Aligner

Calibrated strips
Different calibrated thickness. Enamel correction, high polishing


ProLign


UltraSoft

Restorative & Aligner

Strips
polishing and shaping strip


CombiStrip

Restorative

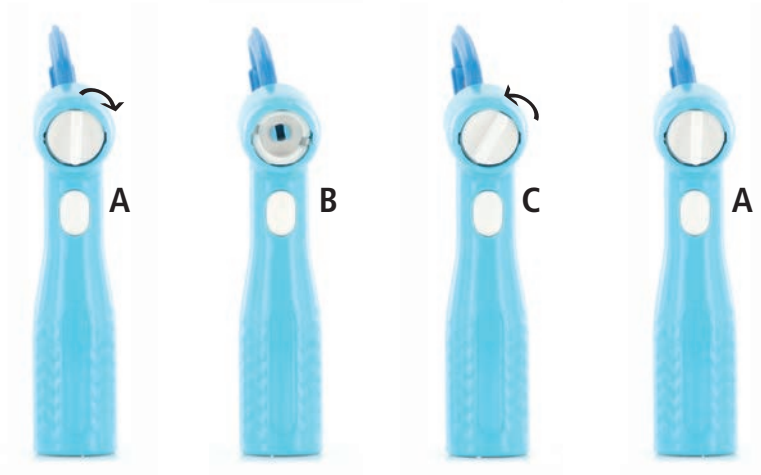
Restorative strips
removing overhangs


ProShape


ProCut opening bonded proximal contact point

1

2



The Oscillating Head (**1,2**) is the first semi-disposable plastic-tool for mechanically driven oscillating instruments.
The security button at the backside (**2**) ensures that the shank is firmly fixed in the head.

For changing a shank
(e.g. due to wearing out) please turn the button clockwise by 45° (**2A**) and remove it. (**2B**)
Now you can change the shank. (**2B**)

To fix it again insert the security button and turn it counter-clockwise. (**2C**)
At the bottom side of the shank there is a little stopper which prevents the strip from slipping out.

To fit the strip to the shank (for both, blue and Pink shank, with all G5 Instruments)

At the bottom side of the shank there is a little stopper which prevents the strip from slipping out (**3A**).

Push the strip from the bottom side into the shank (**3B**) till it clicks fit.

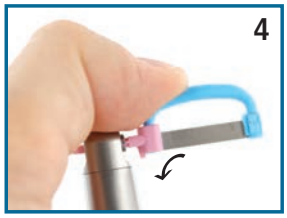
Correctly fitted strip in final position (**3C**).

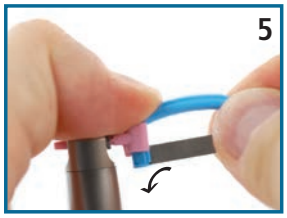
3

Picture are only a exemple

To remove the strip from the shank (for both, blue and Pink shank, with all G5 Instruments)

Ideal start hand position





Push down the strip with your finger (**4**).

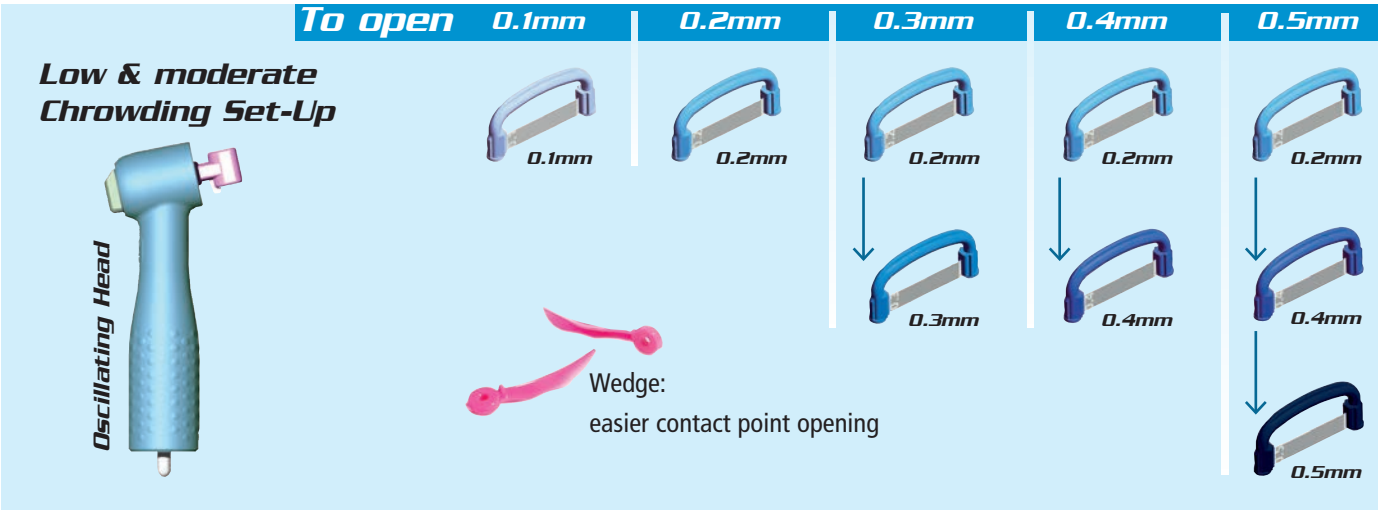
Push down the strip from shank till it clicks out (**5**).

Instruction for Targeted proximal enamel correction for orthodontic treatment with new one patient oscillating head.

Suggestion:
for easier contact point correction insert a wedge at first, resolve contact point with the 0.1 mm or 0.2 mm G5-ProLign, expand the interproximal spaces as desired with the 0.2 mm, 0.3 mm files, etc., in ascending order, to the desired width.

- Depending on the clinical situation, the widening of the contact points may be done on one or both sides.
- For enamel correction move the strip back and forward continously with slight vertical pressure.

How to treat step by step with ProLign calibrated strips

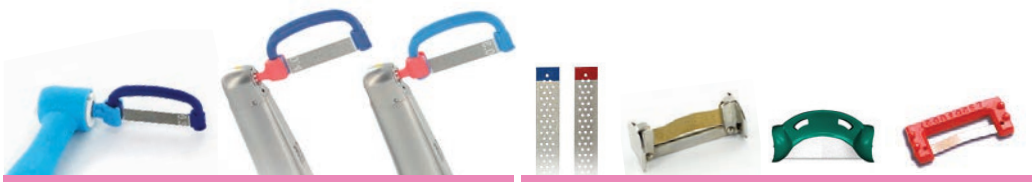


In contrast to an extraction creating large gaps, with aproximal Enamel Correction (**AEC**), the necessary reduction of enamel is split into several small gaps.

That's why it is, in principle, reasonable also to spread the **AEC** into several treatment sessions: firstly, to treat the easy accessible points of contact and secondly, to gradually treat the remaining spaces necessary, once the actual crowding is resolved.

The flattened contact surface additionally help reduce a possible recurrence of the problem. The black triangles occasionally occurring in the orthodontic treatment of crowded teeth (increasing interproximal spaces) maybe counteracted by targeted polishing of enamel.

Competitor's survey



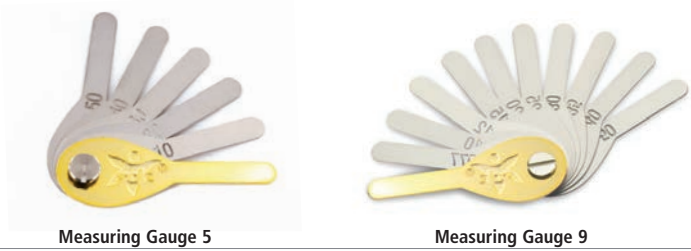
	Mechanical	Manual
Removal rate	↑	↓
Accuracy, (feasibility)	↑	↓
Time saving	↑	↓
Space requirement	↓	↑
Risc of injuries	↓	↑
Patience comfort	↑	↓

Product info

- Fixy&Strip is a new generation of oscillating Heads, can be connected with all SDC, f.e. G5-ProLign series calibrated in 0.1, 0.2, 0.3, 0.4, 0.5mm
- Optimized for basic budget and gentle enamel corrections without expensive EVA hand pieces.
- The oscillating Head can be sterilized several times!
- Also suitable for aesthetic restorations and prophylactic use

	SDC-Fix&Strip Oscillating Head	Different manual strips type NTI strips, Mini Stripper, Quick Strip, ContacEZ	Discs and burs
Risc of injuries	↓	↑ ↓	↑
Calibrated thickness	↑	↓	↓
Minimal invasive treatment	↑	↓	↓
Shortened treatment time	↑	↓	↑
Cost effectiveness (time saving)	↑	↓	↓

SDC-Measuring gauge



	Measuring Gauge 5	Measuring Gauge 9
Name:	Measuring Gauge 5	Measuring Gauge 9
Description:	5 thicknesses to measure the IPR space	9 different thicknesses
Article Ref.:	1991	1992
Available packaging:	1 pc.	1 pc.

SDC-PolySoft High-gloss polishing after interproximal reduction, restorations, or for prophylaxis treatments

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

SEM picture:
Untreated enamel surface and treated surface with PolySoft 15 micron

All pictures by courtesy of the Institute of Material Science:
Technische Universität Darmstadt, Germany

Name:	PolySoft	PolySoft
Grid: µm	Extra - Fine	Fine
Article Ref.:	**1209/25**	**1215/25**
Available packaging refills:	25 pcs.	25 pcs.

SDC-G5-ProStrip interproximal reduction strips with separate shank, for more flexibility. **Replace the old Orthofile strips.**

The click mechanism allows the bendy file to be attached and removed really quickly and easily.

Name:	G5-ProStrip	G5-ProStrip	G5-ProStrip
Grid: µm	15	25	40
Article Ref. 2 sides:	**1115/3**	**1125/3**	**1140/3**
Article Ref. 1 side:	**1115/1/3**	**1125/1/3**	**1140/1/3**
Available packaging refills:	3 pcs.	3 pcs.	3 pcs.

Refill Packaging

SDC-G5 & OHead Shank Universal Shank for G5 Instruments.

The G5-Shank is a newly developed universal blade holder for use in combination with all G5 instruments. Autoclavable.

Name:	G5-Shank	G5-Shank	G5-Shank Ohead
Article Ref.:	**1990/40**	**1990/20**	**FS-150/20**
Available packaging refills:	40 pieces	20 pieces	20 pieces

NEW: SDC-Fix&Strip 1 Patient Kit. not calibrated strips

1 Patient Kit, for more sessions
Art. FS-130/Kit

Procedure:

1. Correction with 40 micron ProStrip
2. finishing with 15 micron ProStrip
3. polishing with 6 micron UltraSoft

Fix&Strip®

SDC-Debonding Kit Safe removal of adhesive and brackets without damage to the natural tooth structure.

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.
Whereas there is always the risk of damaging the natural tooth structure with diamond rotary or metallic 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:	SDC-Debonding-Kit			
Article Ref.:	2000/Set			
Shank type:	314	204	204	204
Shape:	**379**	**2002/12**	**2003/12**	**2169/6**
Size (mm)	023	050	045	045
lengh mm:	4,2	8	6	6
Packaging refills:	5 pcs.	12 pcs.	12 pcs.	6 pcs.

Nose Cone connection compatible for all prophy anges with rotating and oscillating movement

Nose Cone connection

Nose Cone 4:1
With Micromotor:
20/25'000 rpm!

Nose Cone 1:1
With Micromotor:
5'000 rpm only!

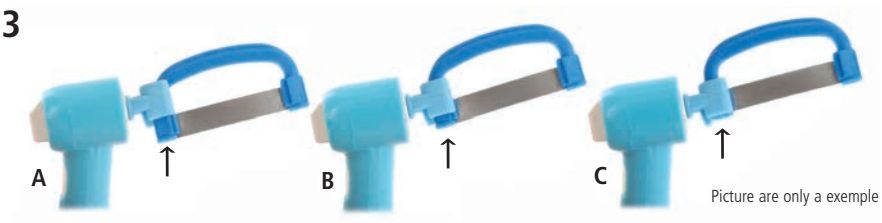
Easy
Friction grip
chucking
Just Push In or
Pull out the OHead

To fit the strip to the shank (for both, blue and Pink shank, with all G5 Instruments)

At the bottom side of the shank there is a little stopper which prevents the strip from slipping out (**3A**).

Push the strip from the bottom side into the shank (**3B**) till it clicks fit.

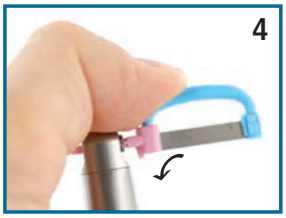
Correctly fitted strip in final position (**3C**).



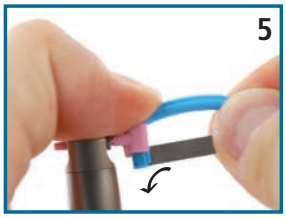
Picture are only a exemple

To remove the strip from the shank (for both, blue and Pink shank, with all G5 Instruments)

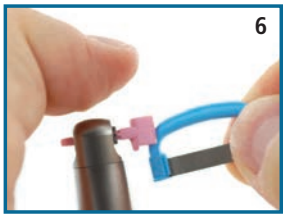
Ideal start hand position



Push down the strip with your finger (**4**).



Push down the strip from shank till it clicks out (**5**).



Correctly removed strip from the shank (**6**).

SDC-G5-Proxocare System

New oscillating diamond-coated files. **Proxocare files are particularly suitable for fine preparations and polishing of proximal and concave restoration** and subgingival surfaces. Remove effectively overhanging sections of composites and cements.

Benefits

- Easier access to the interproximal space as the file is thinner
- No iatrogenic damage to adjacent teeth
- Prevention of surface wave generation caused by rotating burs

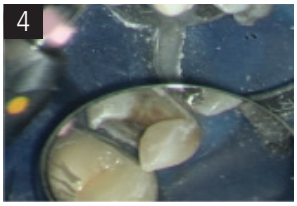
Class II restorations

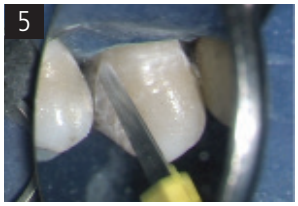
Before the restoration, the 60µm Proxocare corrects easily the con-tour of an old neighbouring amalgam (**1**)

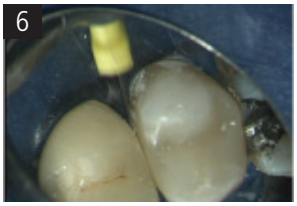
The 40 or 25µm Proxocares prepares & bevels the edges of the cavity (**2-3**).

The Proxocare 6µm polishes damaged porcelain of the adjacent crown (**4**).

After the restoration, the different proxocare files have access to all the borders of the restoration to adjust and polish with precision, without damaging the adjacent tissues hard and soft (**5-6**).







Class III, IV, V restorations

The 40 to 25µm Proxocare files are very useful to prepare, clean & bevel the edges of the cavity before the restoration (**1**) and after to eliminate the excesses following the tooth contour without creating irregularities like the action of a bur (**2**).

The final polishing is perfectly realized with the Proxocare 6µm and the SDC diamond paste (**3**).

STERILIZABLE





Name:	G5-Proxocare					Set
L in mm:			8.5			
Grain in µm:	60	40	25	15	6	all
References:	1760/3	1740/3	1725/3	1715/3	1706/3	1700/S5
Available packaging refills:	3 pcs.	3 pcs.	3 pcs.	3 pcs.	3 pcs.	5 pcs.

G5-ProShape Smart non-diamond-coated areas to prevent destruction of proximal contact areas inadvertently

Excellent tools for contouring, finishing and polishing of interproximal areas and subgingival surfaces, will effectively remove overhanging sections of composites and cements. G5-ProShape is a unique single-surface diamond-coated metal strip. The strip height (2.5mm) as well as the uncoated zone preserve the contact point.

Indications

- Contouring and finishing of proximal restoration surfaces
- Removal of overhanging sections of fillings and cement
- Finishing and trimming of proximal crown margins in gold or ceramic
- Can be used with a handpiece
- Uncoated zone to preserve the contact point

Name:	G5-ProShape	G5-ProShape	G5-ProShape
Thickness:	0.09 mm	0.15 mm	0.20 mm
Grid	ultra fine	fine	medium fine
Article Ref. 1 side:	1600/UF/3	1600/F/3	1600/MF/3
Available packaging refills:	3 pcs.	3 pcs.	3 pcs.

G5-ProCut

For opening inadvertently bonded proximal contact areas

Name:	G5-ProCut
Article Ref.:	1500/3
Available packaging refills:	3 pcs.

User Informations - Hygiene Recommendations

User informations

- Use 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, bent or do not run concentrically.
- The turbine, right angle and handpiece must all be in perfect technical condition.
- Insert the instruments carefully and without using force. Miniature instruments should be inserted no further than the end of the cylindrical part.
- Avoid canting or levering when grinding.
- Observe the recommended speeds indicated in the table below and on 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 is being performed.

Desinfection, cleaning, sterilization and storage of the SDC 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.
- After sterilization, keep the instruments in a dust-free place. Instruments used for surgery should be kept in sealed containers.

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ISO 13485

CE 1252

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