

POLISHING STRIPS

Strips ##1.050, 1.051, 1.052, 1.053, 1.054, 1.055

Metal Diamond Strips ##1.150, 1.151, 1.152,

Metal Diamond Perforated Strips ##2.150, 2.151, 2.152,

Metal Strips for Tartar Removal #1.386

Proxicut system - Proxicut Saw Blades ##1.384, Proxicut Diamond Strips ##1.385C, 1.385M, 1.385F

Arc interproximal system - Arc Saw Blades ##1.379T, 1.379HT, Arc Diamond Strips ##1.379C, 1.379HC, 1.379M, 1.379HM, 1.379F, 1.379HF, 3.384, 3.385C, 3.385M, 3.385F

PRECAUTION

Devices in plastic packages should be stored away from heating devices to avoid packaging damage.

INSTRUCTIONS FOR USE

Revision 19

Revised July 01, 2024

Polishing strips are intended for professional use in dental clinic only. Operating with polishing strips is well known procedure. No special training needed.

The devices are for single use.

Target groups

No limitations for target treatment group – the devices can be used for all groups of patients without restrictions.

Benefits

The benefit of using the devices is to help dentist to do perfect dental filling. Strip is available for easier use in short interproximal areas.

1) consistent high quality of restoration due to:

- removal of excess flash and refine the margins of the restoration;
- providing smooth restoration surface and preventing interproximal plaque build up;
- providing smooth restoration contacts, leading to less wear on opposing and adjacent teeth;
- providing more aesthetic, light-reflectant restoration for the patient.

2) providing conditions for oral health due to:

- reduction of surface imperfections and consequently the risk of surface breakdown and corrosion;
- providing smooth surfaces that facilitate oral hygiene procedures with access to all surfaces, marginal areas, and interproximal areas through normal toothbrushing and use of dental floss;
- improving oral function and mastication, since food slides more easily over polished tooth surface.

3) reduction of restoration time due to:

- operating reliability and simplicity of use;
- easy removal of excess of filling material from interproximal areas;
- reliable tooth separation upon veneer fixation.

Warnings and precautions

1) Do not re-use.

- 2) Prior to use *polishing strips* (device) make sure of integrity of the device and absence of rust on it.
- 3) *Polishing strips* cannot be placed in the inflamed gingiva as it can cause bleeding.
- 4) The devices are supplied in non-sterile state and in case of risk of contamination are to be sterilized in autoclave bag in autoclave at 121°C for 20 min (strips on plastic base) and at 134°C for 5 min (strips on metal base) in accordance with instructions of autoclave manufacturer.

Operating instructions




Preparation

1. Open the packaging.
2. Make sure that there are no:
 - signs of violation of the integrity of the device (including cracks and chips),
 - traces of rust or dirt on the surface.

Operating procedure

Strips on polymer base ##1.050, 1.051, 1.052, 1.053, 1.054, 1.055

1. Remove excess composite and contour the restoration using a fine diamond or carbide bur.
2. Accurately open the package with strips to avoid squabbling and mixing of the strips and choose strip for gross reduction.

Standard color code	blue / green	green / yellow	yellow / white
			
Abrasive particle size, micrometers	100 - 50 / 50 - 30	50 - 30 / 30 - 15	30 - 15 / 15 - 2
Process	Gross reduction	Contouring	Polishing

3. Insert the strip into interproximal area.
4. Polish interproximal and gingival surfaces of restoration by moving the strip by hand. Approximal surfaces are recommended to treat right after removal of matrix and wedge - while the inter-tooth distance remains unchanged.
5. Repeat the procedure with two other types of polishing strips.

Strips on metal base

Metal diamond strips ##1.150, 1.150(3), 1.151, 1.151(3), 1.152, 1.152(3), 2.150, 2.151, 2.152

1. Remove excess composite and contour the restoration using a fine diamond or carbide bur.
2. Accurately open the package with metal diamond strips to avoid squabbling and mixing of the strips and choose strip for gross reduction.
3. Insert the strip into interproximal area.
4. Polish interproximal and gingival surfaces of restoration by moving the strip by hand. Approximal surfaces are recommended to treat right after removal of matrix and wedge - while the inter-tooth distance remains unchanged.
5. Repeat the procedure with two other types of metal polishing strips.

Perforated prophylactic metal strips (strips for tartar removal) #1.386

1. Accurately open the package with strips.
2. Insert the strip into interproximal area.
3. Remove dental calculus (tartar) by rocking motion of the strip by hand.

Proxicut system ##1.384(1), 1.384(2), 1.385C1, 1.385C2, 1.385M1, 1.385M2, 1.385F1, 1.385F2

1. Accurately open the package with saw blades.
2. Assemble saw blade and proxicut holder.
3. Insert the system into interproximal area.
4. Remove dental calculus (tartar) or excess of filling material from interproximal area by rocking motion of the system by hand.
5. Withdraw the system from the mouth and disassemble saw blade from the proxicut holder.
6. Install coarse proxicut diamond strip on the proxicut holder.
7. Insert the system into interproximal area.
8. Remove dental calculus (tartar) or excess of filling material from interproximal area by rocking motion of the system by hand
9. Withdraw the system from the mouth and disassemble the coarse proxicut diamond strip from the proxicut holder and repeat the procedure with two other types of diamond strips.

Arc interproximal system ##1.379T, 1.379HT, 1.379C, 1.379HC, 1.379M, 1.379HM, 1.379F, 1.379HF, 3.384, 3.385C, 3.385M, 3.385F

1. Accurately open the package with arc saw blades (##1.379, 1.379HT, 3.384).
2. Assemble arc saw blade and arc strip holder (for ##1.379HT and 3.384) or arrange (for #1.379T) with handle, if appropriate.
3. Insert the system into interproximal area.
4. Remove dental calculus (tartar) or excess of filling material from interproximal area by rocking motion of the system by hand.
5. Withdraw the system from the mouth and disassemble arc saw blade from the arc strip holder or the handle.
6. Assemble arc diamond strip with arc strip holder (for ##1.379HT and 3.384) or with handle (for #1.379T), if appropriate.
7. Insert the system into interproximal area.
8. Remove dental calculus (tartar) or excess of filling material from interproximal area by rocking motion of the system by hand
9. Withdraw the system from the mouth and disassemble the coarse arc diamond strip from the arc strip holder/handle and repeat the procedure with two other types of arc diamond strips.

Warning:

1. Arc strip holders, proxicut holders, handles and keys are reusable devices and should be sterilized after each patient by sterilization in accordance with the instruction of the autoclave manufacturer at 134°C for 5 minutes.
2. Do not bend *polishing strip* on metal base with a bend diameter of less than 3 mm to exclude device breakage.
3. When operating with key №1.369K avoid excessive force upon tightening.

Storage

Store *polishing strips* in a dry place, away from direct sunlight (for *polishing strips* on polymer base). Devices in plastic packages should be stored away from heating devices to avoid packaging damage.

Product shelf-life

Shelf-life of *polishing strips* on plastic base is 5 years.
Shelf-life of *polishing strips* on metal base is unlimited.

Disposal

Used *polishing strips* are to be disposed as class 3a "other non-hazardous wastes" according to WHO-UNEP/SBC 2005 coding recommendations.

Warranty

Polishing strips are single-use devices.

TOR VM will replace the product that is proved to be nonconforming.

It is up to user to ensure that the product is suitable for the intended process and purpose. The user is responsible for inspecting the devices prior to each use and for the use of damaged and dirty devices.

Any serious incident or non-compliance that has occurred in relation to TOR VM *polishing strips* should be reported by e-mail torvm77@gmail.com and/or tor.vm.de@googlemail.com.