



TOR VM

Dental Manufacturing Company

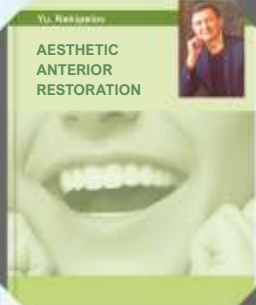
Matrix Systems

Abrasives

Wedges

Clamps

MODERN TRENDS IN RESTORATIVE DENTISTRY



AESTHETIC ANTERIOR RESTORATION

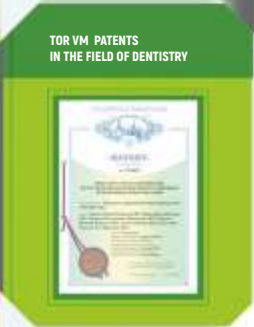


CERTIFIED COMPANY
CERTIFIED PRODUCTS



RESTORATION TECHNIQUE GUIDELINES

always winning combination



TOR VM PATENTS IN THE FIELD OF DENTISTRY



STATE-OF-THE-ART TECHNOLOGIES IN MEDICAL DEVICE MANUFACTURING

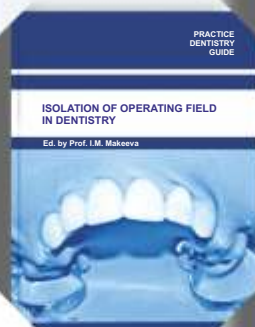


PROXICUT SYSTEMS



MODERN SOLUTIONS FOR RESTORATIVE DENTISTRY

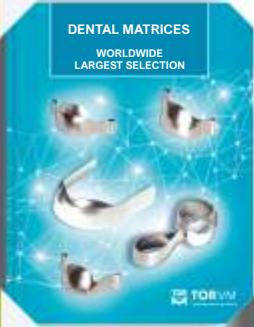
always winning combination



PRACTICE DENTISTRY GUIDE

ISOLATION OF OPERATING FIELD IN DENTISTRY

Ed. by Prof. I.M. Makeeva



DENTAL MATRICES
WORLDWIDE LARGEST SELECTION



RUBBER DAM CLAMPS & ACCESSORIES



A.V. Salova

CONTACT POINT RESTORATION USING VARIOUS MATRIX SYSTEMS



COMPOSITE FINISHING and POLISHING



CATALOGUE 2021

TOR VM company was established in Moscow in 1999 to develop and manufacture accessories for anatomical restorations.

Having a leading position on Russian market of dental reconstruction products and considerable export experience, we are looking for new opportunities to offer our products worldwide under our own label or under private labels. We offer high quality products with competitive prices.

Quality management system is in compliance with the requirements of EN ISO 13485:2016. All products are CE marked and FDA registered.



TOR VM trade mark has been registered in the majority of countries who import TOR VM products.

In accordance with this we change design of product labels. In 2020-2021 products with both old and new labels can be supplied.

Please turn attention to our new products appeared in years 2019 - 2021.

A vertical timeline on the left side of the image, marked with white circles on a blue background, indicates the years 2019, 2020, and 2021. The main content area is a blue rectangle containing several rows of product images and their descriptions. The rows are as follows:

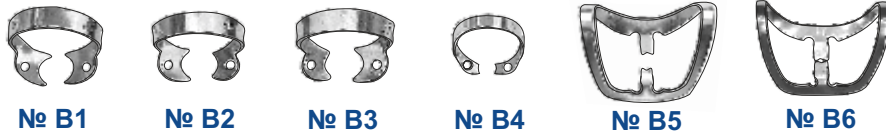
- 2021**
 - Twin anterior matrices, page 18 (Two curved metal matrices)
 - Metal diamond strips, page 29 (Three long, thin metal strips)
- 2020**
 - Strip holders, page 29 (Two metal strip holders)
 - Matrix pliers, page 17 (Two pairs of pliers)
- 2019**
 - Lug matrices, page 17 (Seven different curved metal matrices)
 - Polishing discs with improved polishing ability and durability, page 30 (Five polishing discs of various colors and sizes)
 - Proximal anterior strips, page 18 (Three curved metal strips)
 - New types & quality of clamps, black clamps, page 4 (Five different types of metal clamps)

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Rubber Dam Clamps

Brinker Clamps (tissue retractors)

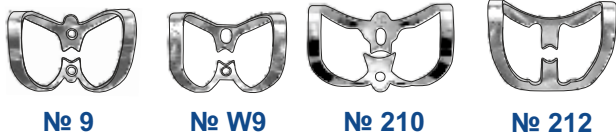


Clamps are produced from high-quality stainless steel with perfect shape memory

Brinker clamps provide maximum retraction without laceration of gingival tissues. Shape of «jaws» of Brinker clamps corresponds to the shape of dental root.

There are winged and wingless clamps

Anterior Clamps



All clamps can be supplied in standard and black modification.

To order black clamps add «B» to catalogue number of the necessary clamp - e.g. № B4-B or № 2-B.

All clamps can be supplied in standard and black modification. Clamps of black modification (**black clamps**) provide antireflection effect for more convenient work.



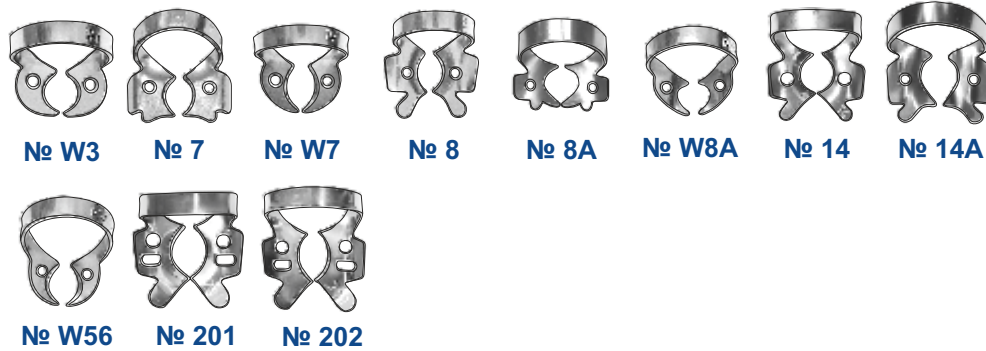
Premolar Clamps

Symmetrical Design

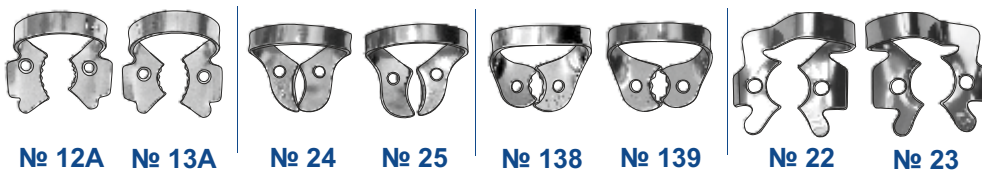


Molar Clamps

Symmetrical Design

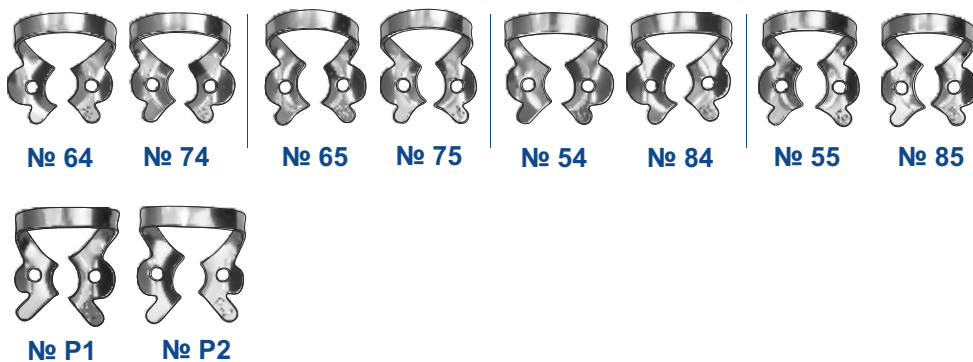


Left-Right Design



Deciduous Clamps

Left-Right Design



Operating Positions





No. 3.014 Clamps 10 pcs.
NEW №B4, №0, №2, №2A, №7, №8, №9, №12A, №13A, № W56



No. 3.016 Deciduous Clamps 10 pcs.
NEW №54, №55, №64, №65, № 74, №75, №84, №85, №P-1, №P-2

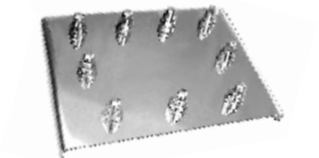


No. 3.017 Clamps 9 pcs.
NEW №1, №7, №8, №8A, №9, №14, №201, №202, №212

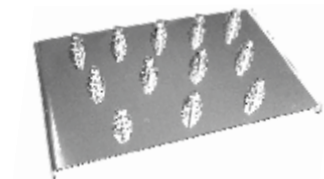
Rubber Dam Accessories



No. 3.993 Forceps
1 pc.



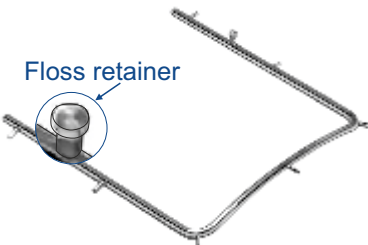
No. 3.909 Clamp Organizer
(for 9 clamps), 1 pc.



No. 3.912 Clamp Organizer
(for 12 clamps), 1 pc.



No. 3.401A Deciduous Rubber dam Frame, 96x73 mm
1 pc.



No. 3.401B Rubber dam Frame, 93x91 mm,
with floss retainers, 1 pc.

No. 3.402B Rubber dam Frame, 110x100 mm,
with floss retainers, 1 pc.

No. 3.403B Rubber dam Frame, 128x125 mm,
with floss retainers, 1 pc.

Forceps are produced from high-quality stainless steel.

Forceps are convenient in work and provide reliable clamp keeping.

Frame-stopper is moved freely along forceps handles and decreases operating load upon clamp installation.



Pin for clamp mounting has 3 seat diameters providing reliable retention of a clamp without excessive clamp opening.

CLEANING AND STERILIZATION

- 1) Submerge instruments in cleaning agent solution with neutral pH for 20 min;
- 2) Rinse the instruments thoroughly with purified water for 3-5 min;
- 3) Perform standard moist heat / steam sterilization procedure following the sterilizer instructions.

WARNING!!!

- 1) Do not use cleaning agents with high percentage of chlorine and cleaners containing oxalic acid;
- 2) Do not keep instruments in liquid medium for more than 3 hours.



Retainers on frames №№ 3.401B, 3.402B and 3.403B are intended for floss fixation upon clamp or cofferdam fixation in subgingival space.



Proxicut Systems

Proxicut system is intended for removing excess of filling material from interproximal areas and tooth separation upon veneer fixation.

The system includes proxicut saw blades, proxicut diamond strips of 3 abrasiveness types and proxicut holders of 2 types.

Do-All Proxicut System



№ 1.384(1)

Proxicut Saw Blades,
type 1, 0,05 mm thick, 12 pcs.



№ 1.385C1

Proxicut Diamond Strips, coarse,
type 1, 0,150 mm thick, 12 pcs.



№ 1.385M1

Proxicut Diamond Strips, medium,
type 1, 0,100 mm thick, 12 pcs.



№ 1.385F1

Proxicut Diamond Strips, fine,
type 1, 0,070 mm thick, 12 pcs.



№ 1.369 Do-All Proxicut Holder*
(holder with key)
1 pc.

* Holder can be operated by itself or with handles №№ 1.107, 1.109 or any other handpiece of EVE type providing to-and-fro motion.

Do-All Proxicut Kits



№ 1.367KT Do-All Proxicut Kit
holder with key №1.369 - 1 pc.,
handle № 1.107 - 1 pc.



№ 1.369KT Do-All Proxicut Kit
holder with key №1.369 - 1 pc.,
handle № 1.109 - 1 pc.



№ 1.370 Do-All Proxicut System

saw blades №1.384(1) - 12 pcs.,
coarse diamond strips №1.385C1 - 12 pcs.,
medium diamond strips №1.385M1 - 12 pcs.,
fine diamond strips №1.385F1 - 12 pcs.,
holder with key №1.369 - 1 pc.,
handle № 1.109 - 1 pc.

Handles for Proxicut Holders



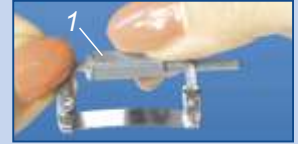
№ 1.107 Handle, 1 pc.



№ 1.109 Handle, 1 pc.

How to operate do-all proxicut system holder № 1.369 & blade (strip)

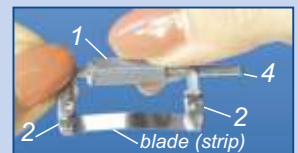
1) Rotate screw handle **1** to move legs of the holder so that the distance between outer sides of holder legs becomes equal to the length of the blade (strip)



2) Insert the blade (strip) in grips **2** of the holder legs and tighten grips with key **3**



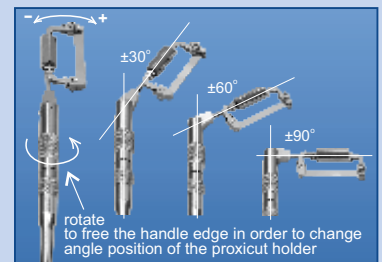
3) Rotate screw handle **1** to tighten the blade (strip) between holder legs



4) Insert firmly pin **4** of the holder in handle

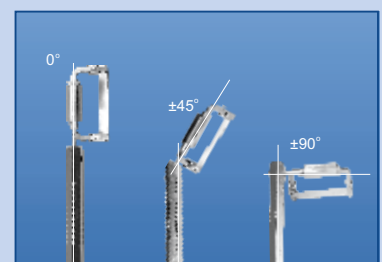
Handle № 1.107 - operating positions

Required operating position is provided by rotating of front edge of the handle № 1.107 (7 positions are possible - -90° , -60° , -30° , 0° , $+30^\circ$, $+60^\circ$ and $+90^\circ$ to handle axis)



Handle № 1.109 - operating positions

Required operating position is provided by placing the holder into different holes of the handle № 1.109



Proxicut System



№ 1.384(2)

Proxicut Saw Blades,
type 2, 0,05 mm thick, 12 pcs.



№ 1.385C2

Proxicut Diamond Strips, coarse,
type 2, 0,150 mm thick, 12 pcs.



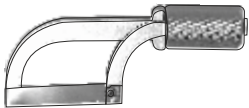
№ 1.385M2

Proxicut Diamond Strips, medium,
type 2, 0,100 mm thick, 12 pcs.



№ 1.385F2

Proxicut Diamond Strips, fine,
type 2, 0,070 mm thick, 12 pcs.



№ 1.389

Proxicut Holder
1 pc.

Perforated Prophylactic Metal Strips



№ 1.386

Metal Strips for Tartar Removal with Flat Edge 12 pcs.
4 mm wide,
100 mm in length,
0.05 mm thick

Cotton Roll Holder



№ 1.010

Cotton Roll Holder
1 pc.

Retractors

NEW

№ 1.016S

Dental Floss Retractor, small
1 pc.



№ 1.019

Check & tongue retractor
(with screw joint for holder connection)
1 pc.



№ 1.119

Check & tongue retractor
(connected with holder)
1 pc.



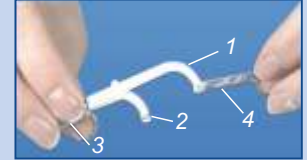
№ 1.013

Lip & cheek retractor
1 pc.

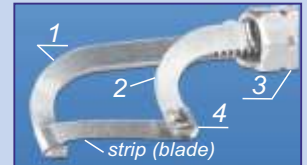


How to operate proxicut system holder № 1.389 & strip № 1.385(2)

Insert finger at leg **1** of the holder into the hole of strip (blade) **4**, bend strip **4** around leg **1** providing the finger being in the hole of the strip **4**



Bend strip **4** around leg **2** of the holder, put hole of strip **4** on the finger of leg **2** of the holder



Rotate screw handle **3** of the holder to tighten up the strip **4** between legs **1** and **2** of the holder



Perforated prophylactic metal strips



side view



Cotton roll holder is intended for fixation of cotton rolls during dental procedures



Retractors are produced from high-quality stainless steel, provide reliable isolation of operating field



Metal Contoured Matrices

All matrices are available of two thicknesses 0.050 mm and 0.035 mm. When ordering please specify the necessary type, e.g. №1.501(0.035 mm) or №1.517(0.050 mm).



For Premolars

№ 1.501 Matrices for Premolars
without ledge,
matrix width 5 mm
12 pcs.



№ 1.502 Matrices for Premolars
bilateral
12 pcs.



№ 1.506 Matrices for Premolars
bilateral
12 pcs.



№ 1.503 Matrices for Premolars
left ledge
12 pcs.



№ 1.504 Matrices for Premolars
right ledge
12 pcs.



№ 1.505 Matrices for Premolars
one central ledge
12 pcs.



For Molars

№ 1.511 Matrices for Molars
without ledge,
matrix width 7 mm
12 pcs.



№ 1.517 Matrices for Molars
without ledge,
matrix width 6 mm
12 pcs.



№ 1.512 Matrices for Molars
bilateral
12 pcs.



№ 1.513 Matrices for Molars
left ledge
12 pcs.



№ 1.514 Matrices for Molars
right ledge
12 pcs.



№ 1.515 Matrices for Molars
one central ledge
12 pcs.



Matrices №№ 1.501, 1.505, 1.506, 1.511, 1.515, 1.517 are mainly to be used with Tofflemire retainer.

In some cases to fit Supermat system the matrix edges should be shortened.



№ 1.500+ Contoured Metal
Matrices for Premolars
30 pcs.:
№ 1.501 6 pcs.
№ 1.502 6 pcs.
№ 1.503 6 pcs.
№ 1.504 6 pcs.
№ 1.505 6 pcs.



№ 1.510+ Contoured Metal
Matrices for Molars
30 pcs.:
№ 1.511 6 pcs.
№ 1.512 6 pcs.
№ 1.513 6 pcs.
№ 1.514 6 pcs.
№ 1.515 6 pcs.

- Anatomically pre-shaped
- Six shapes for molars and premolars
- Provide perfect approximal form and contact
- Stainless steel

Operating position



with Nustrem retainer

Shapes of bilateral matrices



Matrices can be installed with

Tofflemire or Nustrem retainer



Supermat system



Slot ring (page 9)



Slot springclip (page 9)



Metal Contoured Matrices Combined with Clamp

All matrices are 0.035 mm thick.



For Premolars

№ 1.541

Matrices for Premolars
one central ledge
10 pcs.



№ 1.542

Matrices for Premolars
bilateral
10 pcs.



№ 1.543

Matrices for Premolars
left ledge
10 pcs.



№ 1.544

Matrices for Premolars
right ledge
10 pcs.



№ 1.545

Matrices for Premolars
without ledge
10 pcs.



№ 1.549

Matrices for Premolars
left ledge + right ledge
10 pcs. (5 pcs. + 5 pcs.)



№ 1.540

Contoured Metal Matrices Combined with Clamp for Premolars
16 pcs.:

- № 1.541 3 pcs.
- № 1.542 3 pcs.
- № 1.543 3 pcs.
- № 1.544 3 pcs.
- № 1.545 4 pcs.



№ 1.560



Contoured Metal Matrices Combined with Clamp for Premolars & Molars
without ledge 10 pcs.
(5 pcs. for premolars & 5 pcs. for molars)



For Molars

№ 1.551

Matrices for Molars
one central ledge
10 pcs.



№ 1.552

Matrices for Molars
bilateral
10 pcs.



№ 1.553

Matrices for Molars
left ledge
10 pcs.



№ 1.554

Matrices for Molars
right ledge
10 pcs.



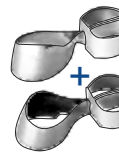
№ 1.555

Matrices for Molars
without ledge
10 pcs.



№ 1.559

Matrices for Molars
left ledge + right ledge
10 pcs. (5 pcs. + 5 pcs.)



№ 1.550

Contoured Metal Matrices Combined with Clamp for Molars
16 pcs.:

- № 1.551 3 pcs.
- № 1.552 3 pcs.
- № 1.553 3 pcs.
- № 1.554 3 pcs.
- № 1.555 4 pcs.

- Three dimensional anatomic shape
- The ideal approximal contact
- Tight fitting within a few seconds
- Five shapes of premolar & five shapes of molar matrices
- Stainless steel

No matrix retainer required

How to operate

Install matrix on tooth and press metal clamp



Ready for restoration



Matrix assembled with fixing wedges and rings №1.099 (page 16)



Operating position



Saddle Matrices

Edges of saddle matrices are performed as cylinder-shape tubes where tines of ring or springclip are inserted upon matrix installation.

Saddle Matrices (Flat)



All matrices are available of three shapes and two thicknesses (0.050 mm and 0.035 mm). Please specify the necessary type, for example if you need small saddle matrices of shape 2 and thickness 0.035 mm order please - №1.301(2)(0.035 mm).

	Small Matrices 12 pcs. per box	Medium Matrices 12 pcs. per box	Large Matrices 12 pcs. per box
Standard shape	 <u>№ 1.301(1)</u>	 <u>№ 1.302(1)</u>	 <u>№ 1.303(1)</u>
Shape with flexible central part*	 <u>№ 1.301(2)</u>	 <u>№ 1.302(2)</u>	 <u>№ 1.303(2)</u>
Shape with enlarged undergingiva ledge	 <u>№ 1.301(3)</u>	 <u>№ 1.302(3)</u>	 <u>№ 1.303(3)</u>

* Width of matrix band between central part and edges of matrices of shape 2 is lower compared to shape 1 matrices, that makes central part of shape 2 matrix more labile.

Saddle Contoured Matrices



All matrices are available of three shapes and two thicknesses (0.050 mm and 0.035 mm). Please specify the necessary type for example if you need medium saddle contoured matrices of shape 1 and thickness 0.050 mm order please - №1.312(1)(0.050 mm).

	Small Matrices 12 pcs. per box	Medium Matrices 12 pcs. per box	Large Matrices 12 pcs. per box
Standard shape	 <u>№ 1.311(1)</u>	 <u>№ 1.312(1)</u>	 <u>№ 1.313(1)</u>
Shape with flexible central part*	 <u>№ 1.311(2)</u>	 <u>№ 1.312(2)</u>	 <u>№ 1.313(2)</u>
Shape with enlarged undergingiva ledge	 <u>№ 1.311(3)</u>	 <u>№ 1.312(3)</u>	 <u>№ 1.313(3)</u>

* Width of matrix band between central part and edges of matrices of shape 2 is lower compared to shape 1 matrices, that makes central part of shape 2 matrix more labile.

- Easy-to-use matrix system
- Optimal approximal contact without difficulties
- Three lengths
- Stainless steel

Important!

To provide perfect contact choose appropriate matrix length



incorrect



correct



incorrect

Saddle matrices operating positions

Springclip № 1.003



Ring № 1.033



Ring № 1.033
simultaneous restoration of 2 teeth



Springclip № 1.005





№ 1.310 Saddle Metal Matrices
Kit with Springclip
matrices 18 pcs.:
№ 1.311(1) 6 pcs.
№ 1.312(1) 6 pcs.
№ 1.313(1) 6 pcs.
springclip № 1.003 1 pc.



№ 1.320 Saddle Metal Matrices
Kit with Ring
matrices 18 pcs.:
№ 1.311(1) 6 pcs.
№ 1.312(1) 6 pcs.
№ 1.313(1) 6 pcs.
ring № 1.033 1 pc.



№ 1.330 Saddle Metal Matrices
Universal Kit
matrices 36 pcs.
№ 1.301(1) 3 pcs.
№ 1.302(1) 3 pcs.
№ 1.303(1) 3 pcs.
№ 1.311(1) 6 pcs.
№ 1.312(1) 6 pcs.
№ 1.313(1) 6 pcs.
№ 1.311(2) 3 pcs.
№ 1.312(2) 3 pcs.
№ 1.313(2) 3 pcs.
springclip № 1.003 1 pc.

Installation of saddle matrix with springclip № 1.003

1. Insert tines of springclip outside the patient mouth into the matrix side tubes



2. Press springclip holders with matrix and install matrix onto the tooth



Matrices can be installed on distal and on mesial tooth surface



Accessories for Installation of Saddle Matrices



№ 1.033 Ring
1 pc.



№ 1.033c Ring with Silicone Safety Cover*
1 pc.
**Dry-heat sterilization*



№ 1.033A Ring
1 pc.

Ring № 1.033A has the same construction of tines as standard ring № 1.033 for saddle matrices. Addition of extra loop on the ring makes it more flexible and allows to operate in wider range of openings without increase of residual distance between tines after use.



№ 1.003 Springclip
small
1 pc.



№ 1.005 Springclip
large
1 pc.

More tight than № 1.003



Tines of rings & springclips are narrowed

Installation of saddle matrix with ring № 1.033

1. Insert tines of the ring into the matrix side tubes



2. Open the ring assembled with saddle matrix via forceps № 1.099-1 (page 15) or via standard rubber dam clamp forceps and install matrix onto the tooth



WARNING!!!

When operating with ring:

- 1) make sure of integrity of the ring and absence of rust on it;
- 2) avoid high-speed opening;
- 3) open the ring for width not more than 10 - 12 mm;
- 4) open the ring for necessary width outside the mouth before placing it on a tooth.

When sterilizing:

- 1) Do not use cleaning agents with high percentage of chlorine and cleaners containing oxalic acid;
- 2) Do not keep instruments in liquid medium for more than 3 hours.

Pony Metal Contoured Matrices

All matrices are available of two thicknesses 0.050 mm and 0.035 mm.
When ordering please specify the necessary type, e.g. №1.341(0.035 mm).



№ 1.341 Pony Matrices. Small with Ledge
12 pcs.



№ 1.342 Pony Matrices. Small
12 pcs.



№ 1.343 Pony Matrices. Large
12 pcs.



№ 1.344 Pony Matrices. Large with Ledge
12 pcs.



№ 1.340 Pony Matrices. Kit with Slot Springclip
matrices 24 pcs.:

- № 1.341 6 pcs.
- № 1.342 6 pcs.
- № 1.343 6 pcs.
- № 1.344 6 pcs.
- slot springclip 1 pc.



№ 1.350 Pony Matrices. Kit with Slot Ring
matrices 24 pcs.:

- № 1.341 6 pcs.
- № 1.342 6 pcs.
- № 1.343 6 pcs.
- № 1.344 6 pcs.
- slot ring 1 pc.

- Anatomically pre-shaped
- Provide perfect approximal form and contact
- Have intermediate length between contoured matrices (see page 8) and sectional matrices (page 14)
- Stainless steel

Installation with Slot ring



Open the ring with matrix via forceps №1.099-1 (page 15) or via standard rubber dam forceps and insert matrix into the slots of ring № 1.044



Install the system onto the tooth



Mesial surface restoration

WARNING!!!

- When operating with ring:
- 1) make sure of integrity of the ring and absence of rust on it;
 - 2) avoid high-speed opening;
 - 3) open the ring for width not more than 10-12 mm;
 - 4) open the ring for necessary width outside the mouth before placing it on a tooth.

When sterilizing:

- 1) Do not use cleaning agents with high percentage of chlorine and cleaners containing oxalic acid;
- 2) Do not keep instruments in liquid medium for more than 3 hours.

Accessories for Installation of Pony Matrices

Slot springclip and Slot ring can be used for fixation of any matrix of appropriate length (e.g. metal contoured matrices - page 8 of the Catalogue) or matrix bands (page 19). When fixing matrices different from Pony matrices, please, be sure that the width of matrix wings is less than slot height, cut the wings to fit slot height if necessary.

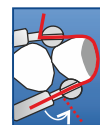


№ 1.004 Slot Springclip
1 pc.

Tines of Slot springclip



Operating position scheme



№ 1.044 Slot Ring
1 pc.

Tines of Slot ring



Operating position scheme

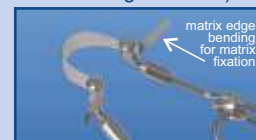


Installation with Slot springclip



regulating the length of the matrix loop

Insert matrix into the slots of springclip (standard catching is shown)



matrix edge bending for matrix fixation

Fix the matrix loop length and install the system onto the tooth



Distal surface restoration



Mesial surface restoration

Perforated Metal Matrices

Thickness 0.05 mm

Perforated Metal Matrices (Flat)



№ 1.331(1) Perforated Metal Matrices. Small with Ledge 12 pcs.



№ 1.331(2) Perforated Metal Matrices. Small 12 pcs.



№ 1.331(3) Perforated Metal Matrices. Medium with Ledge 12 pcs.



№ 1.331(4) Perforated Metal Matrices. Large with Ledge 12 pcs.



№ 1.331(5) Perforated Metal Matrices. Extralarge with Ledge 12 pcs.

Perforated Contoured Metal Matrices



№ 1.531(1) Perforated Metal Matrices. Small with Ledge 12 pcs.



№ 1.531(2) Perforated Metal Matrices. Small 12 pcs.



№ 1.531(3) Perforated Metal Matrices. Medium with Ledge 12 pcs.



№ 1.531(4) Perforated Metal Matrices. Large with Ledge 12 pcs.



№ 1.531(5) Perforated Metal Matrices. Extralarge with Ledge 12 pcs.

Accessories for Installation of Perforated Matrices



№ 1.022 Ring 1 pc.



№ 1.002 Springclip 1 pc.



Tines of ring & springclip are pointed

Perforated matrices Installation modes

Ivory retainer



Ring № 1.022



Springclip № 1.002



WARNING!!!

When operating with ring:

- 1) make sure of integrity of the ring and absence of rust on it;
- 2) avoid high-speed opening;
- 3) open the ring for width not more than 10 - 12 mm;
- 4) open the ring for necessary width outside the mouth before placing it on a tooth.

When sterilizing:

- 1) Do not use cleaning agents with high percentage of chlorine and cleaners containing oxalic acid;
- 2) Do not keep instruments in liquid medium for more than 3 hours.

Sectional Contoured Metal Matrices

All matrices are available of 4 types:
0.050 mm, hard; 0.035 mm, hard; 0.050 mm, soft; 0.035 mm, soft.
Please specify the necessary type, e.g. № 1.098(0.050 mm, soft).

There are two variants of kiting of matrices of one shape - per 10 or per 50 pcs.
When ordering kit with matrices of one shape specify please the necessary kiting variant
and matrix type, e.g. № 1.0971(10) (0.035 mm, hard) or № 1.0976(50) (0.050 mm, soft).



Sectional Contoured Matrices. Small with Ledge

№ 1.0971(10) 10 pcs.
№ 1.0971(50) 50 pcs.



Sectional Contoured Matrices. Small

№ 1.0972(10) 10 pcs.
№ 1.0972(50) 50 pcs.



Sectional Contoured Matrices. Large

№ 1.0973(10) 10 pcs.
№ 1.0973(50) 50 pcs.



Sectional Contoured Matrices. Large with Ledge

№ 1.0974(10) 10 pcs.
№ 1.0974(50) 50 pcs.



Sectional Contoured Matrices. Medium with Ledge

№ 1.0975(10) 10 pcs.
№ 1.0975(50) 50 pcs.



Sectional Contoured Matrices. Medium

№ 1.0976(10) 10 pcs.
№ 1.0976(50) 50 pcs.



№ 1.1972 Kit of Small Matrices 4 types

30 pcs.:
№ 1.0972(0.050 mm, hard) 10 pcs.
№ 1.0972(0.035 mm, hard) 10 pcs.
№ 1.0972(0.050 mm, soft) 5 pcs.
№ 1.0972(0.035 mm, soft) 5 pcs.



№ 1.1976 Kit of Medium Matrices 4 types

30 pcs.:
№ 1.0976(0.050 mm, hard) 10 pcs.
№ 1.0976(0.035 mm, hard) 10 pcs.
№ 1.0976(0.050 mm, soft) 5 pcs.
№ 1.0976(0.035 mm, soft) 5 pcs.



№ 1.1973 Kit of Large Matrices 4 types

30 pcs.:
№ 1.0973(0.050 mm, hard) 10 pcs.
№ 1.0973(0.035 mm, hard) 10 pcs.
№ 1.0973(0.050 mm, soft) 5 pcs.
№ 1.0973(0.035 mm, soft) 5 pcs.

- Anatomically pre-shaped
- Provide tight anatomical contact
- Stainless steel

Matrices of 0.035 mm thickness are more effective for restoration of small decays.

Matrices of 0.05 mm thickness are intended for restoration of large decays in subgingival area. Such matrices retain the shape well.

Kits №№ 1.1972, 1.1973, 1.1976 are intended for advanced users of sectional systems or for dentists who desire to test the difference between hard and soft matrices.

Hard matrices are easy to install.

Soft matrices are easily adapted for contact point formation.

Clinical case



Operating positions





No 1.198 Starting Kit of Sectional Contoured Matrices

matrices 30 pcs.:
 №1.0971 - 3 pcs., №1.0972 - 10 pcs.,
 №1.0973 - 5 pcs., №1.0974 - 3 pcs.,
 №1.0975 - 4 pcs., №1.0976 - 5 pcs.,
 ring №1.099(5) - 1 pc.



No 1.298 Advanced Kit of Sectional Contoured Matrices

matrices 50 pcs.:
 №1.0971 - 5 pcs., №1.0972 - 15 pcs.,
 №1.0973 - 10 pcs., №1.0974 - 5 pcs.,
 №1.0975 - 5 pcs., №1.0976 - 10 pcs.,
 ring №1.099(5) - 1 pc.



No 1.398 Universal Kit of Sectional Contoured Matrices

matrices 100 pcs.:
 №1.0971 - 10pcs., №1.0972 - 20pcs.,
 №1.0973 - 20pcs., №1.0974 - 10pcs.,
 №1.0975 - 10pcs., №1.0976 - 30pcs.,
 ring №1.099(5) - 1 pc.,
 Delta ring №1.299 - 1 pc.



NEW No 1.498 Universal Kit of Sectional Contoured Matrices

matrices 100 pcs.:
 №1.0971 - 10pcs., №1.0972 - 20pcs.,
 №1.0973 - 20pcs., №1.0974 - 10pcs.,
 №1.0975 - 10pcs., №1.0976 - 30pcs.,
 MD ring №1.167 - 1 pc.,
 Delta ring №1.299 - 1 pc.,
 add-on wedges №1.866 - 40pcs.

Installation with ring

Install matrix (preferably wide side down to gingiva) and wedge



Open the ring using forceps



Put the ring on the tooth and perform restoration



The matrix can be installed on mesial (see above) and on distal surface (see below)



Accessories for Installation of Sectional Matrices



No 1.009 Springclip
1 pc.



No 1.099-1 Forceps
1 pc.



No 1.099-2 Forceps with Stoppers
1 pc.
Forceps № 1.099-2 have special stoppers, that allows to use them also for installation of Elastic wedges (page 22).



No 1.099-3 Forceps
1 pc.



tines of forceps 1.099-1



tines of forceps 1.099-2



tines of forceps 1.099-3

Installation with springclip



Simultaneous instalation of sectional and saddle matrices (pages 10-11)



Accessories for Installation of Sectional Matrices

Rings



№ 1.099(5) Standard Ring,
tines height - 5 mm,
1 pc.

Tines of ring
№ 1.099



Scheme on tooth



**Clinical cases with rings
with different length of tines**



№ 1.399 Set of Rings, 3 pcs.

№ 1.099(5) - 1 pc.
№ 1.099(4) - 1 pc.
№ 1.099(6) - 1 pc.

WARNING!!!

When operating with ring:
1) make sure of integrity of the ring and absence of rust on it;
2) avoid high-speed opening;
3) open the ring for width not more than 10-12 mm;
4) open the ring for necessary width outside the mouth before placing it on a tooth.

When sterilizing:
1) do not use cleaning agents with high percentage of chlorine and cleaners containing oxalic acid;
2) do not keep instruments in liquid medium for more than 3 hours.



№ 1.099A Ring,
tines height - 5 mm, 1 pc.

Ring № 1.099A has the same construction of tines as rings № 1.099 for sectional matrices. Addition of extra loop on the ring makes it more flexible and allows to operate in wider range of openings without increase of residual distance between tines after use.



№ 1.099c Standard Ring with Silicone Safety Cover*
tines height - 5 mm, 1 pc.

*Dry-heat sterilization

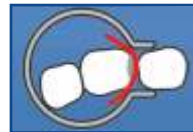


№ 1.199 Flat Ring,
1 pc.

Tines of ring
№ 1.199



Scheme on tooth



Ring № 1.199



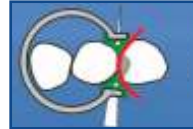
№ 1.299 Delta Ring,
1 pc.

Double tines of Delta ring are suitable for installation of fixing wedges and add-on wedges (page 22)

Tines of ring
№ 1.299



Scheme on tooth



Delta Ring № 1.299



NEW
№ 1.299c Delta Ring,
1 pc.

Projections (lugs) of ring № 1.299c prevents tongue penetration into working area



№ 1.167 MD-Ring,
1 pc.

Tines of MD-ring provide the most non-fluctuating placement with sufficient space for wedge

Tines of ring
№ 1.167



Scheme on tooth



**Clinical cases with MD ring
(№ 1.167)**



NEW
№ 1.167c MD-Ring,
1 pc.

Projections (lugs) of ring № 1.167c prevents tongue penetration into working area



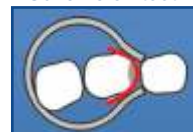
№ 1.166 D-Ring,
1 pc.

Tines of D-ring are curved inwards to fix matrix on distal side of the tooth

Tines of ring
№ 1.166



Scheme on tooth



№ 1.177 M-Ring,
1 pc.

Tines of M-ring are curved out to fix matrix on mesial side of the tooth

Tines of ring
№ 1.177



Scheme on tooth



Lug Matrices

NEW

Lugs allow to tighten matrix to adjacent tooth in any of three directions.



№ 1.351 **Lug Matrices, Small with Ledge**
4,5 mm, 12 pcs.



№ 1.352 **Lug Matrices, Medium with Ledge**
5,5 mm, 12 pcs.



№ 1.353 **Lug Matrices, Large with Ledge**
6,5 mm, 12 pcs.



№ 1.353L **Lug Matrices, Large with Ledge**
7,6 mm, 12 pcs.



№ 2.351 **Lug Matrices, Small**
4,0 mm, 12 pcs.



№ 2.352 **Lug Matrices, Medium**
5,1 mm, 12 pcs.



№ 2.353 **Lug Matrices, Large**
6,0 mm, 12 pcs.



№ 1.338 **Lug Matrices**
matrices 18 pcs.:
№2.351- 5 pcs., №2.352 - 5 pcs., №2.353 - 5 pcs.,
№1.353L - 3 pcs.,
MD ring №1.167 - 1 pc.



№ 1.348 **Lug Matrices**
matrices 18 pcs.:
№1.351 - 6 pcs., №1.352 - 6 pcs., №1.353 - 6 pcs.,
MD ring №1.167 - 1 pc.



№ 1.368 **Lug Matrices**
matrices 30 pcs.:
№1.351 - 4 pcs., №1.352 - 5 pcs., №1.353 - 4 pcs.,
№1.353L - 4 pcs.,
№2.351 - 5 pcs., №2.352 - 4 pcs., №2.353 - 4 pcs.,
MD ring №1.167 - 1 pc.

- Anatomically pre-shaped
- Adjustable contact point
- Stainless steel

Operating Positions



Lug matrices provide more complete tooth engagement than sectional matrices.

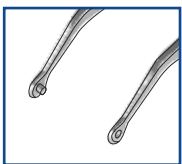
Lugs allow to tighten matrix to adjacent tooth.



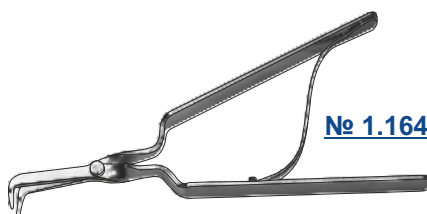
Holes in matrix edge provide more reliable matrix handling upon installation and extraction.

Matrix Pliers

NEW



№ 1.154 **Linear Matrix Plier (L-Plier)**
1 pc.



№ 1.164 **Cross Matrix Plier (C-Plier)**
1 pc.

Matrix pliers. Operating positions



Linear matrix plier № 1.154



Cross matrix plier № 1.164

Proximal Anterior Strips & Twin Anterior Matrices

Proximal Anterior Strips

Proximal anterior strips can be used upon restoration of proximal surfaces of anteriors



№ 1.387A Proximal Anterior Strips
Small, 12 pcs.

№ 1.387 Proximal Anterior Strips
Medium, 12 pcs.

№ 1.388 Proximal Anterior Strips
Large, 12 pcs.

Twin Anterior Matrices

NEW

Twin anterior matrices provide perfect restoration of both interproximal and cervical surfaces of anteriors



№ 1.523 Twin Anterior Matrices
12 pcs.

№ 1.533 Twin Anterior Matrices
12 pcs.



№ 1.888 Anterior Matrices & Strips
30 pcs.

№ 1.387A - 6 pcs.

№ 1.387 - 6 pcs.

№ 1.388 - 6 pcs.

№ 1.523 - 6 pcs.

№ 1.533 - 6 pcs.

Metal Strips

Metal strips are recommended to be used as protective plates of adjacent teeth from accidental bur contact.



№ 1.382 Metal Strips 0.06 mm thick,
6 mm wide, 50 mm long, 100 pcs.



№ 1.383 Metal Strips 0.09 mm thick,
6 mm wide, 50 mm long, 100 pcs.

Loop Matrices

Construction of loop matrices provides simplicity of loop length regulation in accordance to tooth size.

Loop matrices are installed without retainer. Mainly to be used for protection of adjacent tooth against bur upon cavity preparation.

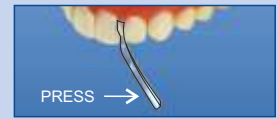


№ 1.595 Loop Matrices,
height 5 mm,
6 pcs.



№ 1.597 Loop Matrices,
height 7 mm,
6 pcs.

Proximal anterior strips: operating position



It is recommended to install anterior strip vertically and then press the handhold of the strip forcing its working part to the adjacent tooth.

Proximal anterior strips: clinical cases



Twin anterior matrices: operating position

matrix № 1.523

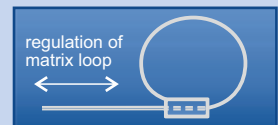
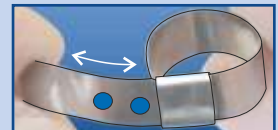


matrix № 1.533



Loop matrix: how to operate

Regulate the loop size corresponding to the tooth size



Install loop matrix onto the tooth and tighten matrix end up to complete embracing of the tooth



Metal Matrix Bands

All matrices (except №№1.380 & 1.381) are available in two thicknesses 0.050 mm and 0.035 mm. Please specify the necessary type, e.g. № 1.0931(0.035 mm), or № 1.390(0.050 mm).



NEW Margin Elevation Metal Matrix Bands (scale 1:2)



№ 1.0929 12 pcs.

For Premolars (scale 1:2)



№ 1.0930 12 pcs.



№ 1.0932 12 pcs.



№ 1.0933 12 pcs.



№ 1.0935 12 pcs.

For Molars (scale 1:2)



№ 1.0931 12 pcs.



№ 1.1937 12 pcs.



№ 1.1932 12 pcs.



№ 1.1933 12 pcs.



№ 1.1935 12 pcs.



№ 1.380 Matrix Bands 6 mm wide
100 mm in length, thickness 0,035 mm, 12 pcs.



№ 1.381 Matrix Bands 7 mm wide
100 mm in length, thickness 0,035 mm, 12 pcs.

Metal Striprolls



№ 1.390 Striproll 6 mm wide,
3 m in length (round box 32 mm)

№ 1.391 Striproll 7 mm wide,
3 m in length (round box 32 mm)



№ 1.392 Striproll 6 mm wide,
3 m in length (squared box 50x50 mm)

№ 1.393 Striproll 7 mm wide,
3 m in length (squared box 50x50 mm)

Width of matrix working part

№ 1.0930 - 5 mm

№ 1.1937 - 6 mm

№ 1.0931 - 7 mm

Matrices are installed by the same methods as metal contoured matrices (page 8)



Striprolls of alternative lengths and widths can be supplied upon special request.

Plastic-Metal Combined Matrix Bands



For Premolars (scale 1:2)



№ 1.034 12 pcs.

For Molars (scale 1:2)



№ 1.134 12 pcs.

Half metal / half plastic.

Metal part simplifies matrix penetration through a tight contact point.

Wooden Wedges



№ 1.181 **Wooden Wedges**
superthin, short (orange)
100 pcs.



№ 1.182 **Wooden Wedges**
thin, short (white)
100 pcs.



№ 1.183 **Wooden Wedges**
thin, short (green)
100 pcs.



№ 1.184 **Wooden Wedges**
thin, long (yellow)
100 pcs.



№ 1.185 **Wooden Wedges**
medium, short (blue)
100 pcs.



№ 1.186 **Wooden Wedges**
medium, long (pink)
100 pcs.



№ 1.187 **Wooden Wedges**
thick, long (violet)
100 pcs.



№ 1.080 **Wooden Wedges.**
2 Types
100 pcs.
white (thin, short) 50 pcs.
blue (medium, long) 50 pcs.



№ 1.083 **Wooden Wedges.**
4 Types
200 pcs.
white (thin, short) 50 pcs.
yellow (thin, long) 50 pcs.
blue (medium, short) 50 pcs.
pink (medium, long) 50 pcs.



№ 1.085 **Wooden Wedges.**
6 Types
400 pcs.
orange (superthin, short) 100 pcs.
white (thin, short) 100 pcs.
yellow (thin, long) 50 pcs.
blue (medium, short) 50 pcs.
pink (medium, long) 50 pcs.
violet (thick, long) 50 pcs.

Anatomically shaped



Made of maple wood

Operating positions



Triangle Wooden Wedges



№ 1.281(2) Triangle Wooden Wedges
size 13x1,7x2,7 mm, 100 pcs.
Sizes available upon request:
№ 1.281(1) 16x2,4x2,5 mm, 100 pcs.
№ 1.281(3) 15x 2 x3,4 mm, 100 pcs.
№ 1.281(4) 15x 3 x 3 mm, 100 pcs.

Triangular shaped



Made of maple wood

Transparent Plastic Wedges

- Two thicknesses available
- Heat treatment up to 120°C



№ 1.811 Transparent Wedges, Thin
40 pcs.



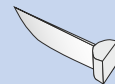
№ 1.812 Transparent Wedges, Medium
40 pcs.



№ 1.810 Transparent Wedges, 2 types
40 pcs.
thin wedges 25 pcs.
medium wedges 15 pcs.

№ 1.820 Transparent Wedges, 2 types
80 pcs.
thin wedges 50 pcs.
medium wedges 30 pcs.

Anatomically shaped



Made of transparent soft plastic



Non-Transparent Plastic Wedges

- Two thicknesses available
- Heat treatment up to 120°C



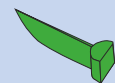
№ 1.841 Non-Transparent Wedges, Thin
40 pcs.



№ 1.842 Non-Transparent Wedges, Medium
40 pcs.

№ 1.840 Non-Transparent Wedges, 2 types
80 pcs.
thin wedges 50 pcs.
medium wedges 30 pcs.

Anatomically shaped



Made of soft plastic



Elastic Wedges

- Special silicone rubber
- Two thicknesses: 2,5 mm (blue) and 2,0 (yellow)
- Heat treatment up to 150°C



№ 1.801 Elastic Wedges
2,5 mm thick
10 pcs.



№ 1.802 Elastic Wedges
2,0 mm thick
10 pcs.



№ 1.808 Elastic Wedges of 2 types
40 pcs.:
№ 1.801 20 pcs.
№ 1.802 20 pcs.

Elastic wedges can be used as fixing wedges and also as a cord upon working with Cofferdam system.



Forceps № 1.099-2 with special stoppers (page 15) are preferable for installation.



Add-On Wedges and Tubes

- Special silicone rubber
- Heat treatment up to 150°C



№ 1.861 Add-On Fixing Wedges
40 pcs.

wedge № 1.861



Add-on fixing wedges №№ 1.861, 1.866 and tubes № 1.862 provide perfect matrix-tooth contact along the tooth height.



№ 1.866 Add-On Fixing Wedges
40 pcs.

wedge № 1.866



№ 1.862 Add-On Fixing Tubes
40 pcs.:
wide (transparent) 20 pcs.
narrow (white) 20 pcs.



Tines of fixing rings or springclips are inserted into the holes of the add-on wedges and tubes.



Delta ring №1.299 with double tines is the most suitable for installation of add-on wedges.



№ 1.870 Fixing Kit Delta
- Delta ring № 1.299 - 1 pc.
- add-on fixing wedges № 1.861 - 20 pcs.
- add-on fixing wedges № 1.866 - 20 pcs.

When restoring large cavities add-on wedges № 1.866 and tubes № 1.862 are preferable.

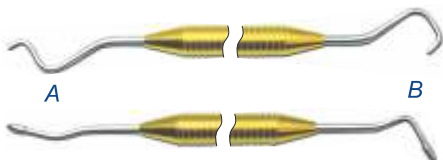


Add-on tubes №1.862 provide matrix fixation far from contact point.

Contact & Shape Formers

NEW

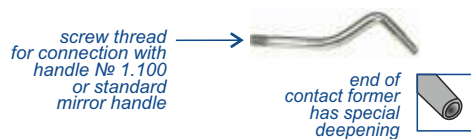
Contact formers are produced from high-quality stainless steel. Handles are made of titanium alloy making the instruments lighter and more comfortable in work.



№ 1.1902 Contact Former 1 pc.

№ 1.1904 Contact Former 1 pc.

Edge A of contact former № 1.1902 is to be used for matrix adaptation on distal tooth surface, edge B is used upon restoration of mesial surface.



№ 1.943 Contact Former
1 pc.



№ 1.100 Handle 1 pc.



№ 1.863 Shape-Former Caps
10 pcs.



№ 1.867 Shape-Former Caps
10 pcs.



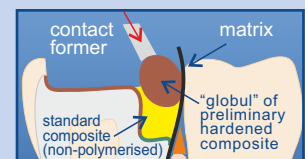
№ 1.868 Shape-Former Caps
10 pcs.



№ 1.965 Contact & Shape Former

- contact former № 1.943 - 1 pc.
- handle № 1.100 - 1 pc.
- shape-former caps № 1.863 - 10 pcs.
- shape-former caps № 1.867 - 10 pcs.
- shape-former caps № 1.868 - 10 pcs.

Contact former №1.943 operating mode



- 1) After adhesion treatment apply fluid composite (0,3-0,5 mm layer) on all the sides of treated cavity except the gingival one, perform photopolymerization.
- 2) Out of the patient mouth prepare "globul" from standard composite (size of the "globul" should be a bit smaller than treated cavity), perform its photopolymerization.
- 3) On gingiva side of the cavity apply first thin layer of fluid composite and then standard composite. Don't perform photopolymerization!
- 4) Place the "globul" into the cavity and press it with contact former providing matrix close tightness to neighbour tooth in the contact point. Keep on pressing the "globul" perform photopolymerization. After it remove contact former and repeat photopolymerization once more.
- 5) Perform tooth restoration.
- 6) Remove fixing ring, bend back matrix and perform composite photopolymerization in gingival area with light directed from facial and lingual surface of the tooth.
- 7) Remove matrix and fixing wedge.
- 8) Perform restoration polishing and finishing.

Contact & shape former №1.965 operating modes

Tooth cusp modelling of molars & premolars



Facial surface modelling of anteriors



Transparent Sectional Contoured Matrices



No. 1.922 **Narrow Matrices**
width 5 mm
30 pcs.



No. 1.923 **Wide Matrices**
width 7 mm
30 pcs.

Sectional Transparent Contoured Matrices Possible Installation Modes

Installation with transparent plastic wedge (page 21)



Installation with rings (page 16) is also possible

Self-Adhesive Transparent Contoured Matrices

Matrix ends are covered with a special glue layer for side-to-side conjunction. No matrix retainer required. Four shapes for molars and four shapes for premolars.

For Premolars



No. 1.490(1) **Self-Adhesive Matrices for Premolars**
one central ledge
12 pcs.



No. 1.490(2) **Self-Adhesive Matrices for Premolars**
bilateral
12 pcs.



No. 1.490(3/4) **Self-Adhesive Matrices for Premolars. 2 types**
30 pcs.:
No. 1.490(3) 6 pcs.
No. 1.490(4) 6 pcs.



For Molars



No. 1.491(1) **Self-Adhesive Matrices for Molars**
one central ledge
12 pcs.



No. 1.491(2) **Self-Adhesive Matrices for Molars**
bilateral
12 pcs.



No. 1.491(3/4) **Self-Adhesive Matrices for Molars. 2 types**
30 pcs.:
No. 1.491(3) 6 pcs.
No. 1.491(4) 6 pcs.



Sectional Transparent Contoured Matrices Operating Position



Installation of self-adhesive matrix

1. Install matrix



2. Remove red protective layer from matrix sides



3. Stick glued matrix sides with each other



Self-Adhesive Matrix Operating Position



Transparent Contoured Matrices

For Premolars



№ 1.090(1) Matrices for Premolars
one central ledge
30 pcs.



№ 1.090(2) Matrices for Premolars
bilateral
30 pcs.



№ 1.090(3) Matrices for Premolars
right ledge
30 pcs.



№ 1.090(4) Matrices for Premolars
left ledge
30 pcs.



№ 1.090(3/4) Matrices for Premolars.
2 types
30 pcs.:
№ 1.090(3) 15 pcs.
№ 1.090(4) 15 pcs.



For Molars



№ 1.091(1) Matrices for Molars
one central ledge
30 pcs.



№ 1.091(2) Matrices for Molars
bilateral
30 pcs.



№ 1.091(3) Matrices for Molars
right ledge
30 pcs.



№ 1.091(4) Matrices for Molars
left ledge
30 pcs.



№ 1.091(3/4) Matrices for Molars.
2 types
30 pcs.:
№ 1.091(3) 15 pcs.
№ 1.091(4) 15 pcs.



№ 1.190 Matrices for Premolars.
Universal Kit 60 pcs.:
№ 1.090(1) 15 pcs.
№ 1.090(2) 15 pcs.
№ 1.090(3) 15 pcs.
№ 1.090(4) 15 pcs.



№ 1.191 Matrices for Molars.
Universal Kit 60 pcs.:
№ 1.091(1) 15 pcs.
№ 1.091(2) 15 pcs.
№ 1.091(3) 15 pcs.
№ 1.091(4) 15 pcs.



№ 1.092 Matrices for Premolars and Molars.
Universal Kit 120 pcs.

№1.090(1) 15 pcs. №1.091(1) 15 pcs.	№1.090(2) 15 pcs. №1.091(2) 15 pcs.
№1.090(3) 15 pcs. №1.091(3) 15 pcs.	№1.090(4) 15 pcs. №1.091(4) 15 pcs.

Transparent contoured matrices

- Anatomically pre-shaped
- Four shapes of premolar matrices and four shapes of molar matrices
- Provide perfect approximal form and contact

Installation modes

with Tofflmire retainer



with Supermat system



with Slot ring № 1.044 (page 12)



Fragments of transparent contoured matrices can be also applied for restoration of approximal surfaces of incisors and canines.



Transparent Contoured Matrices Combined with Clamp

For Premolars



No 1.094(1) Matrices for Premolars
one central ledge
10 pcs.



No 1.094(2) Matrices for Premolars
bilateral
10 pcs.



No 1.094(3) Matrices for Premolars
right ledge
10 pcs.



No 1.094(4) Matrices for Premolars
left ledge
10 pcs.



No 1.094(3/4) Matrices for Premolars.
2 types
10 pcs.:
No 1.094(3) 5 pcs.
No 1.094(4) 5 pcs.



For Molars



No 1.095(1) Matrices for Molars
one central ledge
10 pcs.



No 1.095(2) Matrices for Molars
bilateral
10 pcs.



No 1.095(2+) Matrices for Gross
Molars
bilateral
10 pcs.



No 1.095(3) Matrices for Molars
right ledge
10 pcs.



No 1.095(4) Matrices for Molars
left ledge
10 pcs.



No 1.095(3/4) Matrices for Molars.
2 types
10 pcs.:
No 1.095(3) 5 pcs.
No 1.095(4) 5 pcs.



No 1.194 Matrices for Premolars.
Universal Kit 16 pcs.:
No 1.094(1) 3 pcs.
No 1.094(2) 3 pcs.
No 1.094(3) 5 pcs.
No 1.094(4) 5 pcs.



No 1.195 Matrices for Molars.
Universal Kit 16 pcs.:
No 1.095(1) 3 pcs.
No 1.095(2) 3 pcs.
No 1.095(3) 5 pcs.
No 1.095(4) 5 pcs.



No 1.096 Matrices for Premolars and Molars.
Universal Kit
32 pcs.

No1.095(3) 5 pcs.	No1.095(1) 3 pcs.	No1.095(2) 3 pcs.	No1.095(4) 5 pcs.
for molars			
for premolars			
No1.094(3) 5 pcs.	No1.094(1) 3 pcs.	No1.094(2) 3 pcs.	No1.094(4) 5 pcs.

- Three dimensional anatomic shape
- The ideal approximal contact
- Tight fitting within a few seconds
- Four shapes of premolar & five shapes of molar matrices

No matrix retainer required

Installation

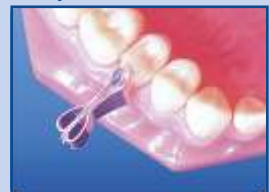
1. Install matrix onto the tooth



2. Press metal clamp



3. Ready for restoration



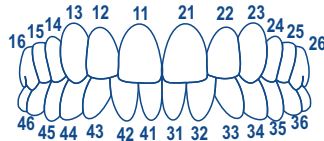
Operating Positions



Transparent Crowns

Single Crowns. Adult

Fourteen individual shapes for incisors and canines and fourteen individual shapes for premolars and molars are available



Crowns are available in three sizes - small (S), medium (M), large (L).



11/21 S 4 pcs.	11/21 M 4 pcs.	11/21 L 4 pcs.	12/22 S 4 pcs.	12/22 M 4 pcs.	12/22 L 4 pcs.	13/23 S 4 pcs.	
32/42 M 4 pcs.		Kit № 1.910 Crown position				32/42 L 4 pcs.	
13/23 M 4 pcs.	13/23 L 4 pcs.	31/41 32/42 S 4 pcs.	31/41 M 4 pcs.	31/41 L 4 pcs.	33/43 S 4 pcs.	33/43 M 4 pcs.	

№ 1.910 Anterior
Transparent
Crowns.
Universal Kit.
64 pcs.



14/24 S 4 pcs.	14/24 M 4 pcs.	16/26 S 4 pcs.	16/26 M 4 pcs.	17/27 S 4 pcs.	17/27 M 4 pcs.	34/44 S 4 pcs.	
15/25 S 4 pcs.		Kit № 1.911 Crown position				15/25 M 4 pcs.	
34/44 M 4 pcs.	35/45 S 4 pcs.	35/45 M 4 pcs.	36/46 S 4 pcs.	36/46 M 4 pcs.	37/47 S 4 pcs.	37/47 M 4 pcs.	

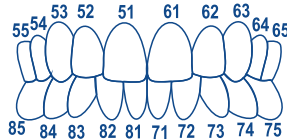
№ 1.911 Posterior
Transparent
Crowns.
Universal Kit.
64 pcs.

Crown build-up



Single Crowns. Deciduous

Eight individual shapes of deciduous crowns for incisors and canines and eight individual shapes for premolars and molars are available



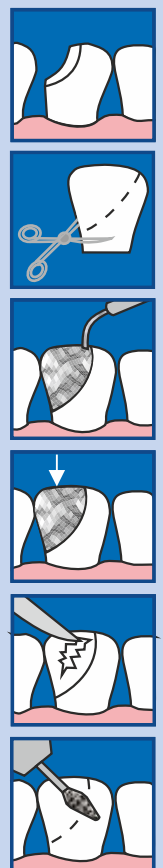
Crowns are available in three sizes - small (S), medium (M), large (L).



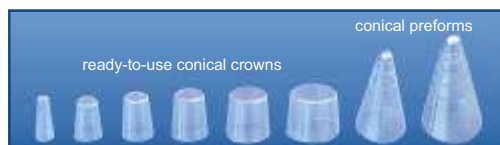
51/61 M 4 pcs.	51/61 L 4 pcs.	52/62 S 4 pcs.	52/62 M 4 pcs.	52/62 L 4 pcs.	53/63 S 4 pcs.	53/63 M 4 pcs.	
51/61 S 4 pcs.		Kit № 1.912 Crown position				54/64 S 4 pcs.	
75/85 S 4 pcs.	75/85 M 4 pcs.	74/84 S 4 pcs.	74/84 M 4 pcs.	55/65 S 4 pcs.	55/65 M 4 pcs.	54/64 M 4 pcs.	

№ 1.912 Deciduous
Transparent
Crowns.
Universal Kit.
64 pcs.

Tooth edge repair



Single Crowns. Conical



conical preforms

ready-to-use conical crowns

Conical transparent crowns for all groups of teeth are available



№ 1.915 Conical Transparent Crowns
64 pcs.
(8 types per 8 pcs.)

Single Crowns. Refills, 10 pcs. in box

Anterior Crowns



Tooth shape	11/21	12/22	13/23	31/41, 32/42	31/41	32/42	33/43
Catalogue number*	1.9(11 21)S 1.9(11 21)M 1.9(11 21)L	1.9(12 22)S 1.9(12 22)M 1.9(12 22)L	1.9(13 23)S 1.9(13 23)M 1.9(13 23)L	1.9(312 412)S	1.9(31 41)M 1.9(31 41)L	1.9(32 42)M 1.9(32 42)L	1.9(33 43)S 1.9(33 43)M

*Crowns are available in three sizes - small (S), medium (M), large (L).

Posterior Crowns



Tooth shape	14/24	15/25	16/26	17/27	34/44	35/45	36/46	37/47
Catalogue number*	1.9(14 24)S 1.9(14 24)M	1.9(15 25)S 1.9(15 25)M	1.9(16 26)S 1.9(16 26)M	1.9(17 27)S 1.9(17 27)M	1.9(34 44)S 1.9(34 44)M	1.9(35 45)S 1.9(35 45)M	1.9(36 46)S 1.9(36 46)M	1.9(37 47)S 1.9(37 47)M

*Crowns are available in three sizes - small (S), medium (M), large (L).

Deciduous Crowns



Tooth shape	51/61	52/62	53/63	54/64	55/65	74/84	75/85
Catalogue number*	1.9(51 61)S 1.9(51 61)M 1.9(51 61)L	1.9(52 62)S 1.9(52 62)M 1.9(52 62)L	1.9(53 63)S 1.9(53 63)M	1.9(54 64)S 1.9(54 64)M	1.9(55 65)S 1.9(55 65)M	1.9(74 84)S 1.9(74 84)M	1.9(75 85)S 1.9(75 85)M

*Crowns are available in three sizes - small (S), medium (M), large (L).

Crowns on Plates



№ 1.901 Transparent Crowns for Coronal Part of Incisors
12 pcs. per plate



№ 1.903 Transparent Crowns for Frontal Surface of Incisors
16 pcs. per plate



№ 1.905 Transparent Crowns for Approximal Surface of Small & Medium Incisors & Canines
17 pcs. per plate



№ 1.907 Transparent Crowns for Approximal Surface of Medium & Large Incisors & Canines
18 pcs. per plate



№ 1.908 Transparent Crowns for Molars & Premolars
12 pcs. per plate



№ 1.909 Transparent Crowns for Coronal Part of Incisors, Canines & Premolars
12 pcs. per plate

Operating Procedure

Cut off the crown from the plate (if necessary) and puncture it



Place the crown with filling material



Put the filled crown on to the tooth under restoration



Remove the excess filling material squeezed from the hole



Transparent Crowns Clinical Case



Transparent Strips

Transparent strips are 0.05 mm thick



№ 1.040

Transparent Strips

8 mm wide, 100 mm long, 100 pcs.

№ 1.041

Transparent Strips

10 mm wide, 100 mm long, 100 pcs.



№ 1.240

Transparent Striproll

8 mm wide, 10 m in length
(round box Ø 32 mm)

№ 1.241

Transparent Striproll

10 mm wide, 10 m in length
(round box Ø 32 mm)

№ 1.242

Transparent Striproll

8 mm wide, 10 m in length
(squared box 50x50 mm)

№ 1.243

Transparent Striproll

10 mm wide, 10 m in length
(squared box 50x50 mm)

№ 1.244

Transparent Striproll with cutting plate

8 mm wide, 10 m in length
(squared box 50x50 mm)

№ 1.245

Transparent Striproll with cutting plate

10 mm wide, 10 m in length
(squared box 50x50 mm)

№ 1.440

Transparent Stopstrips

8 mm wide, 100 mm long, 12 pcs.

№ 1.441

Transparent Stopstrips

10 mm wide, 100 mm long, 12 pcs.



Operating Positions



Striprolls of alternative lengths and widths can be supplied upon special request.



Cutting plate in striprolls №№ 1.244 & 1.245 provides operating without scissors



Transparent Cervical Matrix System



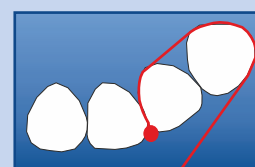
№ 1.141

Transparent Cervical Matrix Bands

matrix bands 10x37mm 100 pcs.
cervical former 1 pc.
stopper 1 pc.

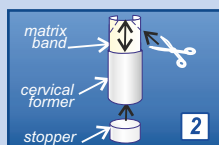


Stopstrip offers the possibility to operate with one hand only



The system operates as follows

1. Insert matrix into the cervical former (fig. 1).
2. Cut out matrix in accordance with the tooth shape (fig. 2). Regulate the matrix position according to the tooth size.
3. Fix matrix in the cervical former by the stopper (fig. 3).
4. Perform the tooth restoration (figs. 4 - 6).



Polishing Strips



№ 1.050 Strips for Gross Reduction
gross reduction / contouring
25 pcs.



№ 1.051 Strips for Contouring
contouring / finishing
25 pcs.



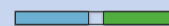
№ 1.052 Strips for Polishing
finishing / polishing
25 pcs.



№ 1.055 Polishing Strips. Universal Kit
gross reduction / contouring / finishing
75 pcs.
№1.050 - 25 pcs.,
№1.051 - 25 pcs.,
№1.052 - 25 pcs.

Three types:

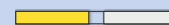
- for gross reduction / contouring



- for contouring / finishing



- for finishing / polishing



Metal Diamond Strips

NEW



№ 1.150 Metal Diamond Strips, coarse
5 pcs.



№ 1.151 Metal Diamond Strips, medium
5 pcs.



№ 1.152 Metal Diamond Strips, fine
5 pcs.



№ 2.150 Metal Diamond Perforated Strips,
coarse, 5 pcs.



№ 2.151 Metal Diamond Perforated Strips,
medium, 5 pcs.

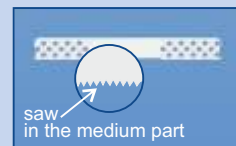


№ 2.152 Metal Diamond Perforated Strips,
fine, 5 pcs.

There are 3 types of abrasiveness of metal diamond strips:

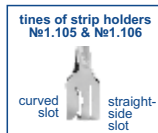
- coarse,
- medium,
- fine.

Metal diamond perforated strips №№ 2.150, 2.151 & 2.152 can be performed with saw in the medium part.



Strip Holders

NEW



Double slot system allows to fixate both metal and plastic strips with abrasive and/or smooth surfaces



№ 1.105B Anterior Strip Holder,
(anterior strip holder №1.105 with key)
1 pc.



Design with screw for tension adjustment

№ 1.106 Posterior Strip Holder,
1 pc.

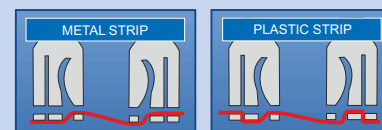
№ 1.106B Posterior Strip Holder,
1 pc.

Holders № 1.106 & № 1.106B can be used for fixation of any strip 2,9mm - 4,1mm wide.

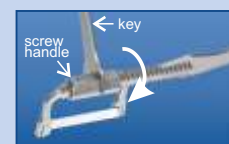
Holders are more effective for operating with:

- metal strips 0,035 - 0,150 mm wide with or without abrasive,
- transparent strips 0,100 - 0,150 mm with abrasive.

Scheme of strip fixation in strip holders №№ 1.105, 1.106, 1.106B



Strip fixation in holder № 1.105



Strip fixation in holder № 1.106






Polishing Discs


Number for ordering and quantity in the pack see in the table below. № 2.731(9,5)BR ← number for ordering
50 pcs. ← quantity in the pack




Polishing Discs for Gross Reduction (Coarse)

diameter, mm	9,5	10	12	12,7	14	16
	№ 2.731(9,5)BR 50 pcs.			№ 2.731(12,7)BR 50 pcs.		
	№ 2.731(9,5) 40 pcs.	№ 2.731(10) 40 pcs.	№ 2.731(12) 40 pcs.	№ 2.731(12,7) 40 pcs.	№ 2.731(14) 40 pcs.	№ 2.731(16) 40 pcs.
	№ 1.731(9,5) 40 pcs.	№ 1.731(10) 40 pcs.	№ 1.731(12) 40 pcs.	№ 1.731(12,7) 40 pcs.	№ 1.731(14) 40 pcs.	№ 1.731(16) 40 pcs.
	№ 1.731(A) 50 pcs.			№ 1.731(B) 50 pcs.		


Polishing Discs for Contouring (Medium)

diameter, mm	9,5	10	12	12,7	14	16
	№ 1.732(9,5) 40 pcs.	№ 1.732(10) 40 pcs.	№ 1.732(12) 40 pcs.	№ 1.732(12,7) 40 pcs.	№ 1.732(14) 40 pcs.	№ 1.732(16) 40 pcs.
	№ 1.732(A) 50 pcs.			№ 1.732(B) 50 pcs.		

Polishing Discs for Finishing (Fine)

diameter, mm	9,5	10	12	12,7	14	16
	№ 1.733(9,5) 40 pcs.	№ 1.733(10) 40 pcs.	№ 1.733(12) 40 pcs.	№ 1.733(12,7) 40 pcs.	№ 1.733(14) 40 pcs.	№ 1.733(16) 40 pcs.
	№ 1.733(A) 50 pcs.			№ 1.733(B) 50 pcs.		

Polishing Discs for Polishing (Superfine)

diameter, mm	9,5	10	12	12,7	14	16
	№ 1.734(9,5) 40 pcs.	№ 1.734(10) 40 pcs.	№ 1.734(12) 40 pcs.	№ 1.734(12,7) 40 pcs.	№ 1.734(14) 40 pcs.	№ 1.734(16) 40 pcs.
	№ 1.734(A) 50 pcs.			№ 1.734(B) 50 pcs.		



Discs with four types of abrasive layer are effective for finishing and polishing composite restorations including fillings located at proximal area.

Polishing Discs for Gross Reduction (Coarse)

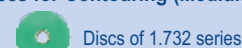


Discs of 2.731 series have the greatest polishing ability as compared to other discs produced by TOR VM.

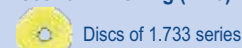
Discs 2.731BR are thinner and more flexible than discs 2.731.

Discs of 2.731 series provide higher polishing efficiency and durability.

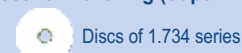
Polishing Discs for Contouring (Medium)



Polishing Discs for Finishing (Fine)



Polishing Discs for Polishing (Superfine)



Mandrels



№ 1.120 Mandrel for Polishing Discs. HP type 1 pc.



№ 1.121 Mandrel for Polishing Discs. RA type 1 pc.



№ 1.069 Polishing Discs
discs diameter 10 mm 40 pcs.:
№ 1.731(10) - 10 pcs., № 1.732(10) - 10 pcs.,
№ 1.733(10) - 10 pcs., № 1.734(10) - 10 pcs.,
mandrel № 1.121 1 pc.



№ 1.070 Polishing Discs
discs diameter 12 mm 40 pcs.:
№ 1.731(12) - 10 pcs., № 1.732(12) - 10 pcs.,
№ 1.733(12) - 10 pcs., № 1.734(12) - 10 pcs.,
mandrel № 1.121 1 pc.



№ 1.071 Polishing Discs
discs diameter 14 mm 40 pcs.:
№ 1.731(14) - 10 pcs., № 1.732(14) - 10 pcs.,
№ 1.733(14) - 10 pcs., № 1.734(14) - 10 pcs.,
mandrel № 1.121 1 pc.



№ 1.072 Polishing Discs
discs diameter 16 mm 40 pcs.:
№ 1.731(16) - 10 pcs., № 1.732(16) - 10 pcs.,
№ 1.733(16) - 10 pcs., № 1.734(16) - 10 pcs.,
mandrel № 1.121 1 pc.

№ 1.075 Polishing Discs. Universal Kit
discs diameter 12 & 14 mm 80 pcs.:
№ 1.731(12) - 10 pcs., № 1.732(12) - 10 pcs.,
№ 1.733(12) - 10 pcs., № 1.734(12) - 10 pcs.,
№ 1.731(14) - 10 pcs., № 1.732(14) - 10 pcs.,
№ 1.733(14) - 10 pcs., № 1.734(14) - 10 pcs.,
mandrel № 1.121 1 pc.

Polishing discs are available of six diameters:



Discs of other diameters including 3/8" (9,5 mm) and 1/2" (12,7 mm) can be supplied upon request

Stem Polishing Discs



Stem Polishing Discs for Gross Reduction (Coarse)

diameter, mm	8	12	14
catalogue number, amount	№ 1.611 40 pcs.	№ 1.621 40 pcs.	№ 1.631 40 pcs.

Stem Polishing Discs for Contouring (Medium)

diameter, mm	8	12	14
catalogue number, amount	№ 1.612 40 pcs.	№ 1.622 40 pcs.	№ 1.632 40 pcs.

Stem Polishing Discs for Finishing (Fine)

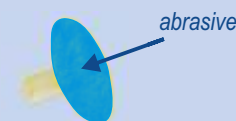
diameter, mm	8	12	14
catalogue number, amount	№ 1.613 40 pcs.	№ 1.623 40 pcs.	№ 1.633 40 pcs.

Stem Polishing Discs for Polishing (Superfine)

diameter, mm	8	12	14
catalogue number, amount	№ 1.614 40 pcs.	№ 1.624 40 pcs.	№ 1.634 40 pcs.



Discs with four types of abrasive layer are effective for finishing and polishing composite restorations including fillings located at proximal area.



Mandrels



№ 1.110 Mandrel for Stem Polishing Discs
HP type 1 pc.

№ 1.111 Mandrel for Stem Polishing Discs
RA type 1 pc.

№ 1.610 Stem Polishing Discs
discs diameter 8 mm - 40 pcs.
(№№1.611-1.614 - per 10 pcs.)
mandrel № 1.111 - 1 pc.

№ 1.620 Stem Polishing Discs
discs diameter 12 mm - 40 pcs.
(№№1.621-1.624 - per 10 pcs.)
mandrel № 1.111 - 1 pc.

№ 1.630 Stem Polishing Discs
discs diameter 14 mm - 40 pcs.
(№№1.631-1.634 - per 10 pcs.)
mandrel № 1.111 - 1 pc.

№ 1.600 Stem Polishing Discs. Universal Kit
discs - diameters 8, 12 & 14 mm - 80 pcs.:
№№ 1.611, 1.621, 1.631 per 5 pcs.
№№ 1.612, 1.622, 1.632 per 5 pcs.
№№ 1.613, 1.623, 1.633 per 5 pcs.
№№ 1.614, 1.624, 1.634 per 5 pcs.
back abrasive
4 types 20 pcs. (per 5 pcs. of each type)
mandrel № 1.111 - 1 pc.

Finishing & Polishing Kits



№ 1.020 Finishing & Polishing Kit
stem polishing discs 48 pcs.
(№№ 1.631-1.634 - per 12 pcs.)

polishing strips 75 pcs.
№ 1.050 25 pcs.
№ 1.051 25 pcs.
№ 1.052 25 pcs.

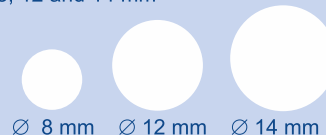
mandrel № 1.111 1 pc.

№ 1.021 Finishing & Polishing Kit
polishing discs 48 pcs.
(№№ 1.731(14)-1.734(14) - per 12 pcs.)

polishing strips 75 pcs.:
№ 1.050 25 pcs.
№ 1.051 25 pcs.
№ 1.052 25 pcs.

mandrel № 1.121 1 pc.

Discs are available of three diameters:
8, 12 and 14 mm



Back abrasive discs (coarse, medium, fine, superfine) are available in kit №1.600

Catalogue was prepared using materials of

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**CUSTOM
MADE**

All the products can also be assorted
in a different than standard way.

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