Matrix Systems
Abrasives
Wedges
Clamps

MODERN SOLUTIONS FOR RESTORATIVE DENTISTRY
always winning combination

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.

- Polishing discs with improved polishing ability and durability, page 30
- Metal diamond strips, page 29
- Strip holders, page 29
- Matrix pliers, page 17
- Lug matrices, page 17
- Twin anterior matrices, page 18
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- New types & quality of clamps, black clamps, page 4
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Rubber Dam Clamps

Brinker Clamps (tissue retractors)

№ B1  № B2  № B3  № B4  № B5  № B6

Anterior Clamps

№ 9  № W9  № 210  № 212

Premolar Clamps

Symmetrical Design

№ 0  № 00  № 1  № 2  № 2A  № W2  № W2A

Molar Clamps

Symmetrical Design

№ W3  № 7  № W7  № 8  № 8A  № W8A  № 14  № 14A

№ W56  № 201  № 202

Left-Right Design

№ 12А  № 13А  № 24  № 25  № 138  № 139  № 22  № 23

Deciduous Clamps

Left-Right Design

№ 64  № 74  № 65  № 75  № 54  № 84  № 55  № 85

№ P1  № P2

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.

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.

Clamps of black modification (black clamps) provide antireflection effect for more convenient work.

Operating Positions
### RUBBER DAM SYSTEM

**Forceps / Clamp Organizers / Frames**

**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.

### Rubber Dam Accessories

**№ 3.993** Forceps 1 pc.

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

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

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

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

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

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

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

**Proxicut Saw Blades,**
- type 1, 0.05 mm thick, 12 pcs.

**Proxicut Diamond Strips, coarse,**
- type 1, 0.150 mm thick, 12 pcs.

**Proxicut Diamond Strips, medium,**
- type 1, 0.100 mm thick, 12 pcs.

**Proxicut Diamond Strips, fine,**
- type 1, 0.070 mm thick, 12 pcs.

**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

**Do-All Proxicut Kit**
- holder with key #1.369 - 1 pc.,
- handle #1.107 - 1 pc.

**Do-All Proxicut Kit**
- holder with key #1.369 - 1 pc.,
- handle #1.109 - 1 pc.

**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

**Handle #1.107**
- 1 pc.

**Handle #1.109**
- 1 pc.
### 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** Cheek & tongue retractor (with screw joint for holder connection) 1 pc.

**№ 1.119** Cheek & tongue retractor (connected with holder) 1 pc.

**№ 1.013** Lip & cheek retractor 1 pc.

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

1. 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.
2. Bend strip 4 around leg 2 of the holder, put hole of strip 4 on the finger of leg 2 of the holder.
3. Rotate screw handle 3 of the holder to tighten up the strip 4 between legs 1 and 2 of the holder.

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**Perforated prophylactic metal strips**

**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.

№ 1.510+ 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.
# Metal Contoured Matrices Combined with Clamp

All matrices are 0.035 mm thick.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.560</td>
<td>Contoured Matrices Combined with Clamp for Premolars &amp; Molars (without ledge)</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.540</td>
<td>Contoured Matrices Combined with Clamp for Premolars</td>
<td>16 pcs.:</td>
</tr>
<tr>
<td>1.541</td>
<td>Matrices for Premolars - one central ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.542</td>
<td>Matrices for Premolars - bilateral</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.543</td>
<td>Matrices for Premolars - left ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.544</td>
<td>Matrices for Premolars - right ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.545</td>
<td>Matrices for Premolars - without ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.549</td>
<td>Matrices for Premolars - left ledge + right ledge</td>
<td>10 pcs. (5 pcs. + 5 pcs.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.550</td>
<td>Contoured Matrices Combined with Clamp for Molars</td>
<td>16 pcs.:</td>
</tr>
<tr>
<td>1.551</td>
<td>Matrices for Molars - one central ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.552</td>
<td>Matrices for Molars - bilateral</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.553</td>
<td>Matrices for Molars - left ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.554</td>
<td>Matrices for Molars - right ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.555</td>
<td>Matrices for Molars - without ledge</td>
<td>10 pcs.</td>
</tr>
<tr>
<td>1.559</td>
<td>Matrices for Molars - left ledge + right ledge</td>
<td>10 pcs. (5 pcs. + 5 pcs.)</td>
</tr>
</tbody>
</table>

### No matrix retainer required

- 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

### How to operate

1. Install matrix on tooth and press metal clamp
2. Ready for restoration
3. Matrix assembled with fixing wedges and rings №1.099 (page 16)
4. Operating position
   - Metal Matrices
   - contoured matrices combined with clamp

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+ METAL MATRICES
  - Contoured Matrices Combined with Clamp
  - №1.099 (page 16)
+ 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
  - Metal Matrices
    - contoured matrices combined with clamp

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)

<table>
<thead>
<tr>
<th></th>
<th>Small Matrices</th>
<th>Medium Matrices</th>
<th>Large Matrices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard shape</td>
<td>№ 1.301(1)</td>
<td>№ 1.302(1)</td>
<td>№ 1.303(1)</td>
</tr>
<tr>
<td>Shape with flexible central part*</td>
<td>№ 1.301(2)</td>
<td>№ 1.302(2)</td>
<td>№ 1.303(2)</td>
</tr>
<tr>
<td>Shape with enlarged undergoingiva ledge</td>
<td>№ 1.301(3)</td>
<td>№ 1.302(3)</td>
<td>№ 1.303(3)</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th></th>
<th>Small Matrices</th>
<th>Medium Matrices</th>
<th>Large Matrices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard shape</td>
<td>№ 1.311(1)</td>
<td>№ 1.312(1)</td>
<td>№ 1.313(1)</td>
</tr>
<tr>
<td>Shape with flexible central part*</td>
<td>№ 1.311(2)</td>
<td>№ 1.312(2)</td>
<td>№ 1.313(2)</td>
</tr>
<tr>
<td>Shape with enlarged undergoingiva ledge</td>
<td>№ 1.311(3)</td>
<td>№ 1.312(3)</td>
<td>№ 1.313(3)</td>
</tr>
</tbody>
</table>

*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.

Important!
To provide perfect contact choose appropriate matrix length

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

Saddle matrices operating positions

Springclip № 1.003

Ring № 1.033 simultaneous restoration of 2 teeth

Springclip № 1.005

RING № 1.033

METAL MATRICES
saddle matrices
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 a wider range of openings without an 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*

---

**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.**

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**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).

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.341</td>
<td>Pony Matrices. Small with Ledge</td>
<td>12 pcs.</td>
</tr>
<tr>
<td>1.342</td>
<td>Pony Matrices. Small</td>
<td>12 pcs.</td>
</tr>
<tr>
<td>1.343</td>
<td>Pony Matrices. Large</td>
<td>12 pcs.</td>
</tr>
<tr>
<td>1.344</td>
<td>Pony Matrices. Large with Ledge</td>
<td>12 pcs.</td>
</tr>
<tr>
<td>1.340</td>
<td>Pony Matrices. Kit with Slot Springclip</td>
<td>24 pcs.:</td>
</tr>
<tr>
<td></td>
<td>№ 1.341</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>№ 1.342</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>№ 1.343</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>№ 1.344</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>slot springclip</td>
<td>1 pc.</td>
</tr>
<tr>
<td>1.350</td>
<td>Pony Matrices. Kit with Slot Ring</td>
<td>24 pcs.:</td>
</tr>
<tr>
<td></td>
<td>№ 1.341</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>№ 1.342</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>№ 1.343</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>№ 1.344</td>
<td>6 pcs.</td>
</tr>
<tr>
<td></td>
<td>slot ring</td>
<td>1 pc.</td>
</tr>
<tr>
<td></td>
<td>№ 1.044</td>
<td>1 pc.</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>1.004</td>
<td>Slot Springclip</td>
<td>1 pc.</td>
</tr>
<tr>
<td>1.044</td>
<td>Slot Ring</td>
<td>1 pc.</td>
</tr>
</tbody>
</table>

**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.

**Installation with Slot springclip**

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

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. |

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. № 1.0971(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).

<table>
<thead>
<tr>
<th>Sectional Contoured Matrices</th>
<th>Small with Ledge</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.0971(10)</td>
<td>10 pcs.</td>
<td></td>
</tr>
<tr>
<td>№ 1.0971(50)</td>
<td>50 pcs.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Sectional Contoured Matrices</th>
<th>Small</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.0972(10)</td>
<td>10 pcs.</td>
<td></td>
</tr>
<tr>
<td>№ 1.0972(50)</td>
<td>50 pcs.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sectional Contoured Matrices</th>
<th>Large</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.0973(10)</td>
<td>10 pcs.</td>
<td></td>
</tr>
<tr>
<td>№ 1.0973(50)</td>
<td>50 pcs.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sectional Contoured Matrices</th>
<th>Large with Ledge</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.0974(10)</td>
<td>10 pcs.</td>
<td></td>
</tr>
<tr>
<td>№ 1.0974(50)</td>
<td>50 pcs.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sectional Contoured Matrices</th>
<th>Medium</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.0975(10)</td>
<td>10 pcs.</td>
<td></td>
</tr>
<tr>
<td>№ 1.0975(50)</td>
<td>50 pcs.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sectional Contoured Matrices</th>
<th>Medium with Ledge</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.0976(10)</td>
<td>10 pcs.</td>
<td></td>
</tr>
<tr>
<td>№ 1.0976(50)</td>
<td>50 pcs.</td>
<td></td>
</tr>
</tbody>
</table>

### № 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.
**METAL MATRICES**

**sectional contoured matrices & accessories**

**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.,
ing №1.099(5) - 1 pc.

**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.,
ing №1.099(5) - 1 pc.

**Universal Kit of Sectional Contoured Matrices**
matrices 100 pcs.:
№1.0971 - 10 pcs., №1.0972 - 20 pcs.,
№1.0973 - 20 pcs., №1.0974 - 10 pcs.,
№1.0975 - 10 pcs., №1.0976 - 30 pcs.,
ing №1.099(5) - 1 pc.,
Delta ring №1.299 - 1 pc.

**NEW Universal Kit of Sectional Contoured Matrices**
matrices 100 pcs.:
№1.0971 - 10 pcs., №1.0972 - 20 pcs.,
№1.0973 - 20 pcs., №1.0974 - 10 pcs.,
№1.0975 - 10 pcs., №1.0976 - 30 pcs.,
MD ring №1.167 - 1 pc.,
Delta ring №1.299 - 1 pc.,
add-on wedges №1.866 - 40 pcs.

**Installation with ring**
Install matrix (preferably wide side down to gingiva) and wedge

**Installation with springclip**

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

**Accessories for Installation of Sectional Matrices**

**№ 1.009** Springclip
1 pc.

**№ 1.099-1** Forceps
1 pc.

**№ 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).*

**№ 1.099-3** Forceps
1 pc.
## METAL MATRICES

**accessories for sectional contoured matrices**

### Accessories for Installation of Sectional Matrices

#### Rings

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Tines of ring</th>
<th>Scheme on tooth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.099(5)</td>
<td>Standard Ring, tines height - 5 mm, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.099(4)</td>
<td>Low Ring, tines height - 4 mm, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.099(6)</td>
<td>High Ring, tines height - 6 mm, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.399</td>
<td>Set of Rings, 3 pcs.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.099A</td>
<td>Ring, tines height - 5 mm, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
</tbody>
</table>

- 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.

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Tines of ring</th>
<th>Scheme on tooth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.099c</td>
<td>Standard Ring with Silicone Safety Cover* tines height - 5 mm, 1 pc.</td>
<td><img src="image" alt="Scheme" /></td>
<td></td>
</tr>
</tbody>
</table>

*Dry-heat sterilization*

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Tines of ring</th>
<th>Scheme on tooth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.199</td>
<td>Flat Ring, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.299</td>
<td>Delta Ring, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.167</td>
<td>MD-Ring, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.167c</td>
<td>MD-Ring, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.166</td>
<td>D-Ring, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
<tr>
<td>1.177</td>
<td>M-Ring, 1 pc.</td>
<td></td>
<td><img src="image" alt="Scheme" /></td>
</tr>
</tbody>
</table>

### Clinical cases with rings

**with different length of tines**

- ![Clinical cases](image)
**Lug Matrices**

**NEW**

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.351</td>
<td>Lug Matrices, Small with Ledge</td>
<td>4.5 mm, 12 pcs.</td>
</tr>
<tr>
<td>1.352</td>
<td>Lug Matrices, Medium with Ledge</td>
<td>5.5 mm, 12 pcs.</td>
</tr>
<tr>
<td>1.353</td>
<td>Lug Matrices, Large with Ledge</td>
<td>6.5 mm, 12 pcs.</td>
</tr>
<tr>
<td>1.353L</td>
<td>Lug Matrices, Large with Ledge</td>
<td>7.6 mm, 12 pcs.</td>
</tr>
<tr>
<td>2.351</td>
<td>Lug Matrices, Small</td>
<td>4.0 mm, 12 pcs.</td>
</tr>
<tr>
<td>2.352</td>
<td>Lug Matrices, Medium</td>
<td>5.1 mm, 12 pcs.</td>
</tr>
<tr>
<td>2.353</td>
<td>Lug Matrices, Large</td>
<td>6.0 mm, 12 pcs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.358</td>
<td>Lug Matrices</td>
<td>matrices 18 pcs.:</td>
</tr>
<tr>
<td></td>
<td>№2.351 - 5 pcs., №2.352 - 5 pcs., №2.353 - 5 pcs., №1.353L - 3 pcs., MD ring №1.167 - 1 pc.</td>
<td></td>
</tr>
<tr>
<td>1.348</td>
<td>Lug Matrices</td>
<td>matrices 18 pcs.:</td>
</tr>
<tr>
<td></td>
<td>№1.351 - 6 pcs., №1.352 - 6 pcs., №1.353 - 6 pcs., MD ring №1.167 - 1 pc.</td>
<td></td>
</tr>
<tr>
<td>1.368</td>
<td>Lug Matrices</td>
<td>matrices 30 pcs.:</td>
</tr>
<tr>
<td></td>
<td>№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.</td>
<td></td>
</tr>
</tbody>
</table>

**Matrix Pliers**

**NEW**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.154</td>
<td>Linear Matrix Plier (L-Plier)</td>
<td>1 pc.</td>
</tr>
<tr>
<td>1.164</td>
<td>Cross Matrix Plier (C-Plier)</td>
<td>1 pc.</td>
</tr>
</tbody>
</table>

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

**Operating Positions**

Lug matrices provide more complete tooth engagement than sectional matrices.

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

**Matrix pliers. Operating positions**

Linear matrix plier № 1.154

Cross matrix plier № 1.164
**METAL MATRICES**
proximal anterior strips / twin anterior matrices / metal strips / loop matrices

**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.

**Anterior Matrices & Strips**

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

Plastic-Metal Combined Matrix Bands

For Premolars (scale 1:2)
- № 1.034 12 pcs.

For Molars (scale 1:2)
- № 1.134 12 pcs.
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.
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.

Translucent 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.

Non-Translucent Plastic Wedges

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

**№ 1.841**  
**Non-Translucent Wedges. Thin**  
40 pcs.

**№ 1.842**  
**Non-Translucent Wedges. Medium**  
40 pcs.

**№ 1.840**  
**Non-Translucent Wedges. 2 types**  
80 pcs.  
thin wedges 50 pcs.  
medium wedges 30 pcs.

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.
Add-On Wedges and Tubes

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

№ 1.861 Add-On Fixing Wedges
40 pcs.

№ 1.866 Add-On Fixing Wedges
40 pcs.

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

№ 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.

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.

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.

№ 1.1904 Contact Former 1 pc.

№ 1.943 Contact Former 1 pc.

Screw thread for connection with handle № 1.100 or standard mirror handle.

№ 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.

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

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.

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.

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 gingival 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**

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

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

**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**

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

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

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

**For Molars**

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

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

**№ 1.491(3/4)** Self-Adhesive Matrices for Molars
2 types
30 pcs.:
- № 1.491(3) 6 pcs.
- № 1.491(4) 6 pcs.
Fragments of transparent contoured matrices can be also applied for restoration of approximal surfaces of incisors and canines.

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 Tofflmine retainer
- with Supermat system
- with Slot ring № 1.044 (page 12)

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.

For Premolars and Molars
- № 1.092 Matrices for Premolars and Molars
  Universal Kit 120 pcs.
Transparent Contoured Matrices Combined with Clamp

For Premolars

- № 1.094(1) Matrices for Premolars one central ledge 10 pcs.
- № 1.094(2) Matrices for Premolars bilateral 10 pcs.
- № 1.094(3) Matrices for Premolars right ledge 10 pcs.
- № 1.094(4) Matrices for Premolars left ledge 10 pcs.
- № 1.094(3/4) Matrices for Premolars. 2 types 10 pcs.: № 1.094(3) 5 pcs. № 1.094(4) 5 pcs.

For Molars

- № 1.095(1) Matrices for Molars one central ledge 10 pcs.
- № 1.095(2) Matrices for Molars bilateral 10 pcs.
- № 1.095(2+) Matrices for Gross Molars bilateral 10 pcs.
- № 1.095(3) Matrices for Molars right ledge 10 pcs.
- № 1.095(4) Matrices for Molars left ledge 10 pcs.
- № 1.095(3/4) Matrices for Molars. 2 types 10 pcs.: № 1.095(3) 5 pcs. № 1.095(4) 5 pcs.

Matrices Combination Kit

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

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

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

Installation

1. Install matrix onto the tooth
2. Press metal clamp
3. Ready for restoration

Operating Positions

- 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
**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).

**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).

**Single Crowns. Conical**

Conical transparent crowns for all groups of teeth are available.

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

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

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

**№ 1.915** Conical Transparent Crowns 64 pcs. (8 types per 8 pcs.)
Single Crowns. Refills, 10 pcs. in box

Anterior Crowns

<table>
<thead>
<tr>
<th>Tooth shape</th>
<th>Catalogue number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/21</td>
<td>1.9(11/21)S</td>
</tr>
<tr>
<td></td>
<td>1.9(11/21)M</td>
</tr>
<tr>
<td></td>
<td>1.9(11/21)L</td>
</tr>
<tr>
<td>12/22</td>
<td>1.9(12/22)S</td>
</tr>
<tr>
<td></td>
<td>1.9(12/22)M</td>
</tr>
<tr>
<td></td>
<td>1.9(12/22)L</td>
</tr>
<tr>
<td>13/23</td>
<td>1.9(13/23)S</td>
</tr>
<tr>
<td></td>
<td>1.9(13/23)M</td>
</tr>
<tr>
<td></td>
<td>1.9(13/23)L</td>
</tr>
<tr>
<td>31/41, 32/42</td>
<td>1.9(31/42)S</td>
</tr>
<tr>
<td></td>
<td>1.9(31/42)M</td>
</tr>
<tr>
<td></td>
<td>1.9(31/42)L</td>
</tr>
</tbody>
</table>

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

Posterior Crowns

<table>
<thead>
<tr>
<th>Tooth shape</th>
<th>Catalogue number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>14/24</td>
<td>1.9(14/24)S</td>
</tr>
<tr>
<td></td>
<td>1.9(14/24)M</td>
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<tr>
<td>15/25</td>
<td>1.9(15/25)S</td>
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<tr>
<td></td>
<td>1.9(15/25)M</td>
</tr>
<tr>
<td>16/26</td>
<td>1.9(16/26)S</td>
</tr>
<tr>
<td></td>
<td>1.9(16/26)M</td>
</tr>
<tr>
<td>17/27</td>
<td>1.9(17/27)S</td>
</tr>
<tr>
<td></td>
<td>1.9(17/27)M</td>
</tr>
<tr>
<td>34/44</td>
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<tr>
<td></td>
<td>1.9(34/44)M</td>
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<tr>
<td>35/45</td>
<td>1.9(35/45)S</td>
</tr>
<tr>
<td></td>
<td>1.9(35/45)M</td>
</tr>
<tr>
<td>36/46</td>
<td>1.9(36/46)S</td>
</tr>
<tr>
<td></td>
<td>1.9(36/46)M</td>
</tr>
<tr>
<td>37/47</td>
<td>1.9(37/47)S</td>
</tr>
<tr>
<td></td>
<td>1.9(37/47)M</td>
</tr>
</tbody>
</table>

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

Deciduous Crowns

<table>
<thead>
<tr>
<th>Tooth shape</th>
<th>Catalogue number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>51/61</td>
<td>1.9(51/61)S</td>
</tr>
<tr>
<td></td>
<td>1.9(51/61)M</td>
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<tr>
<td></td>
<td>1.9(51/61)L</td>
</tr>
<tr>
<td>52/62</td>
<td>1.9(52/62)S</td>
</tr>
<tr>
<td></td>
<td>1.9(52/62)M</td>
</tr>
<tr>
<td></td>
<td>1.9(52/62)L</td>
</tr>
<tr>
<td>53/63</td>
<td>1.9(53/63)S</td>
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<tr>
<td></td>
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<tr>
<td>54/64</td>
<td>1.9(54/64)S</td>
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<tr>
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<tr>
<td>74/84</td>
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<td></td>
<td>1.9(74/84)M</td>
</tr>
<tr>
<td>75/85</td>
<td>1.9(75/85)S</td>
</tr>
<tr>
<td></td>
<td>1.9(75/85)M</td>
</tr>
</tbody>
</table>

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

Crows 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
Stopstrip offers the possibility to operate with one hand only.

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.

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).

Transparent Strips

Transparent strips are 0.05 mm thick.

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.040</td>
<td>Transparent Strips</td>
<td>8 mm wide, 100 mm long, 100 pcs.</td>
</tr>
<tr>
<td>1.041</td>
<td>Transparent Strips</td>
<td>10 mm wide, 100 mm long, 100 pcs.</td>
</tr>
<tr>
<td>1.240</td>
<td>Transparent Striproll</td>
<td>8 mm wide, 10 m in length (round box Ø 32 mm)</td>
</tr>
<tr>
<td>1.241</td>
<td>Transparent Striproll</td>
<td>10 mm wide, 10 m in length (round box Ø 32 mm)</td>
</tr>
<tr>
<td>1.242</td>
<td>Transparent Striproll</td>
<td>8 mm wide, 10 m in length (squared box 50x50 mm)</td>
</tr>
<tr>
<td>1.243</td>
<td>Transparent Striproll</td>
<td>10 mm wide, 10 m in length (squared box 50x50 mm)</td>
</tr>
<tr>
<td>1.244</td>
<td>Transparent Striproll with cutting plate</td>
<td>8 mm wide, 10 m in length (squared box 50x50 mm)</td>
</tr>
<tr>
<td>1.245</td>
<td>Transparent Striproll with cutting plate</td>
<td>10 mm wide, 10 m in length (squared box 50x50 mm)</td>
</tr>
<tr>
<td>1.440</td>
<td>Transparent Stopstrips</td>
<td>8 mm wide, 100 mm long, 12 pcs.</td>
</tr>
<tr>
<td>1.441</td>
<td>Transparent Stopstrips</td>
<td>10 mm wide, 100 mm long, 12 pcs.</td>
</tr>
</tbody>
</table>

Transparent Cervical Matrix System

<table>
<thead>
<tr>
<th>№</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.141</td>
<td>Transparent Cervical Matrix Bands</td>
<td>matrix bands 10x37 mm, 100 pcs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>cervical former, 1 pc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>stopper, 1 pc.</td>
</tr>
</tbody>
</table>

28 TRANSPARENT MATRICES transparent strips / striprolls / cervical matrix system
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.

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.

№ 1.106 Posterior Strip Holder, 
1 pc.

№ 1.106B Posterior Strip Holder, 
1 pc.

Design with screw for tension adjustment

Strip fixation in holder № 1.105

Strip fixation in holder № 1.106

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.
Polishing Discs

Number for ordering and quantity in the pack see in the table below.

<table>
<thead>
<tr>
<th>Diameter, mm</th>
<th>9.5</th>
<th>10</th>
<th>12</th>
<th>12.7</th>
<th>14</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.731 series</td>
<td>50 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>№ 2.731 series</td>
<td>50 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Polishing Discs for Gross Reduction (Coarse)

<table>
<thead>
<tr>
<th>Diameter, mm</th>
<th>9.5</th>
<th>10</th>
<th>12</th>
<th>12.7</th>
<th>14</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.732 series</td>
<td>40 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>№ 1.733 series</td>
<td>40 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Polishing Discs for Contouring (Medium)

<table>
<thead>
<tr>
<th>Diameter, mm</th>
<th>9.5</th>
<th>10</th>
<th>12</th>
<th>12.7</th>
<th>14</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.734 series</td>
<td>40 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>№ 1.735 series</td>
<td>40 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Polishing Discs for Finishing (Fine)

<table>
<thead>
<tr>
<th>Diameter, mm</th>
<th>9.5</th>
<th>10</th>
<th>12</th>
<th>12.7</th>
<th>14</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>№ 1.736 series</td>
<td>50 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>№ 1.737 series</td>
<td>50 pcs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mandrels

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

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)

Discs of 1.732 series

Polishing Discs for Finishing (Fine)

Discs of 1.733 series

Polishing Discs for Polishing (Superfine)

Discs of 1.734 series

Polishing discs are available of six diameters:
- Ø 0,5 mm
- Ø 10 mm
- Ø 12 mm
- Ø 12,7 mm
- Ø 14 mm
- Ø 16 mm

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
- Catalogue number and amount:
  - № 1.611: 40 pcs.
  - № 1.621: 40 pcs.
  - № 1.631: 40 pcs.

#### Stem Polishing Discs for Contouring (Medium)
- Diameter: mm
- Catalogue number and amount:
  - № 1.612: 40 pcs.
  - № 1.622: 40 pcs.
  - № 1.632: 40 pcs.

#### Stem Polishing Discs for Finishing (Fine)
- Diameter: mm
- Catalogue number and amount:
  - № 1.613: 40 pcs.
  - № 1.623: 40 pcs.
  - № 1.633: 40 pcs.

#### Stem Polishing Discs for Polishing (Superfine)
- Diameter: mm
- Catalogue number and amount:
  - № 1.614: 40 pcs.
  - № 1.624: 40 pcs.
  - № 1.634: 40 pcs.

### 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.

---

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

Catalogue was prepared using materials of:

K. Aleinikov (Moscow, Russia),
K. Asimakopolus (Athens, Greece),
V. Bezrucho (Dmitrov, Russia),
A. Volom (Budapest, Hungary),
V. Durov (Vier', Russia),
Yu. Nekipelov (Vologda, Russia),
A. Nikolaev (Smolensk, Russia),
D. Nikolaev (Bryansk, Russia),
A. Salova (St.Peterburg, Russia),
I. Makeev (St.Peterburg, Russia),
A. Sidorov (Moscow, Russia),
A. Shendzhen (Krasnodar, Russia),
V. Tishchenko (Krasnodar, Russia).

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

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