

## KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY

**Wir / We**

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**erklären in alleiniger Verantwortung, dass**

declare on our own responsibility that

**das Medizinprodukt Name:** Formband,dental (Matrizenband) UMDNS-Nr. 16-195 the medical device name : Matrices and Matrix-Bands

**Typ/ type** : siehe Anhang 1

**Serien Nr.** : siehe Anhang 2 serial nr.

**allen Anforderungen der Richtlinie 93/42/EWG entspricht.**

meets all the provisions of the Directive 93/42/EEC which apply to him.

**Angewandte harmonisierte Normen:** ISO 10993-3 : 2003

Applied harmonized standards:

DIN EN 14971 : 2001

DIN EN 1041 : 1998-04 DIN EN

980 : 2003-08

**Angewandte nationale Normen** : DIN V 13974 : 2003-10 Applied national standards :

**Benannte Stelle (falls zutreffend):** für Klasse I nicht vorgeschrieben

Notified body (if applicable)

: for Class I not relevant

# KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY

**Konformitätsbewertungsverfahren** :EG-Richtlinie 93/42/EWG ,AnhangVII (Klasse I  
Conformity assessment procedure : Anhang IX, Regel 5 )

Council Directive : 93/42/ EEC, AnnexVII (Class I, AnnexIX, Rule 5 )

**Datum der Erstanbringung der CE Kennzeichnung** : 10. August 2005  
Date of the first CE mark : 10. August 2005

**Datum des erstmaligen Inverkehrbringen** : 25.October 2010  
Date of the first lot: 25.October 2010

Moscow, 25.10.2010  
**Ort, Datum**



Dr.Mikhalev O.I. CEO  
**Name und**

Hersteller  
Manufacturer  
**Funktion**

Heidelberg, 25.10.2010  
**place, date**



Gregor Kostunov  
**name and**

EG Bevollmächtigter  
EC Representative  
**function**

**Anhang 1 zur EG-Konformitätserklärung Formband, dental /  
Addendum 1 to Declaration of Conformity Dental Matrices**

**Die Produktfamilie von Formband, dental (Matrizenband) sowie Fixierhilfsmittel besteht aus  
/ Product Family, Dental Matrices (Matrix Bands) and Fixing Accessories :**

<b>Komponenten / Product</b>	<b>Serien-Nr. (siehe Anhang 2) / Serial Number (see Addendum 2)</b>
<b>1. Metall-Matrizen, geformt / Metal Contoured Matrices</b>	<b>Nr. 1</b>
<b>2. Metall-Matrizenbänder / Metal Matrix Bands</b>	<b>Nr. 2</b>
<b>3. Metall-Matrizen, perforiert / Perforated Metal Matrices</b>	<b>Nr.3</b>
<b>4. Metall-Matrizen, teilweise geformt / Sectional Contoured Metal Matrices</b>	<b>Nr.4</b>
<b>5. Metall-Matrizen, geformt, mit Verschluss / Metal Contoured Matrices Combined with Clamp</b>	<b>Nr.5</b>
<b>6. Metall-Matrizen mit Sattel / Saddle Matrices</b>	<b>Nr.6</b>
<b>7. Metall-Matrizen, geformt, mit Sattel / Saddle Contoured Matrices</b>	<b>Nr.7</b>
<b>8. Transparente, geformte Matrizenbänder / Transparent Contoured Matrices including Crown Forms</b>	<b>Nr. 8</b>
<b>9. Transparente, geformte, selbstklebende Matrizenbänder / Transparent Contoured Self-Adhesive Matrices</b>	<b>Nr.9</b>
<b>10. Transparente Matrizenstreifen / Transparent Strips</b>	<b>Nr.10</b>
<b>11. Plastik-Metall kombinierte Matrizenbänder / Plastic/Metal Combined Matrix Bands</b>	<b>Nr.11</b>
<b>12. Transparente Matrizenbänder für den Zahnhals / Transparent Cervical Matrix System</b>	<b>Nr.12</b>
<b>13. Transparente, geformte Matrizenbänder mit Verschluss / Transparent Contoured Matrices Combined with Clamp</b>	<b>Nr.13</b>
<b>14. Verschlüsse / Fixing Clamps</b>	<b>Nr.14</b>
<b>15. Zange zur Platzierung und Fixierung der Verschlüsse / Forceps for Clamp Installation</b>	<b>Nr.15</b>
<b>16. Verschlussfedern / Springclips</b>	<b>Nr.16</b>

## **Beschreibung der Produktfamilie und deren Zweckbestimmung / Anwendung / Product Description and Application**

Die Produktfamilie von Formband, dental (Matrizenband) sowie Fixierhilfsmittel besteht aus  
/ Product Family, Dental Matrices (Matrix Bands) and Fixing Accessories includes:

### **Konstruktion A : Metall / Construction A : Metal**

1. Metall-Matrizen, geformt / Metal Contoured Matrices
2. Metall-Matrizenbänder / Metal Matrix Bands
3. Metall-Matrizen, perforiert / Perforated Metal Matrices
4. Metall-Matrizen, teilweise geformt / Sectional Contoured Metal Matrices
5. Metall-Matrizen, geformt, mit Verschluss / Metal Contoured Matrices Combined with Clamp
6. Metall-Matrizen mit Sattel / Saddle Matrices
7. Metall-Matrizen, geformt, mit Sattel / Saddle Contoured Matrices

### **Konstruktion B ; Plastikbänder / Construction B Plastic**

1. Transparente, geformte Matrizenbänder / Transparent Contoured Matrices
2. Transparente, geformte, selbstklebende Matrizenbänder / Transparent Contoured Self-Adhesive Matrices
3. Transparente Matrizenstreifen / Transparent Strips

### **Konstruktion C : Plastik-Metall / Construction C ; Plastic-Metal**

1. Plastik-Metall kombinierte Matrizenbänder / Plastic/Metal Combined Matrix Bands
2. Transparente Matrizenbänder für den Zahnhals / Transparent Cervical Matrix System
3. Transparente, geformte Matrizenbänder mit Verschluss / Transparent Contoured Matrices Combined with Clamp

### **Zweckbestimmung/Anwendung der Produkte A:B:C: / Application of Products A:B:C:**

1. Verhinderung von Kontakten zwischen benachbarten Zähnen  
während der Behandlung des Zahnarztes / Prevention of contacts of tooth under restoration  
with contiguous teeth
2. Wird um den behandelnden Zahn bis in die Zahntasche plaziert / Provide perfect tooth  
engagement upon restoration

### **Konstruktion D : Matrizen-Halter / Construction D ; Matrix retainers:**

1. Verschlässe / Fixing Clamps
2. Zange zur Platzierung und Fixierung der Verschlässe / Forceps for Clamp Installation
3. Verschlussfedern / Springclips

### **Zweckbestimmung/Anwendung der Produkte D / Application of Products D:**

1. Zur Fixierung der Matrize am Zahn-indirekte Anwendung / For dental matrix installation
2. Sie haben keinen Kontakt zum Zahn / Don't contact with tooth

## Anhang 2 / Addendum 2

### Nr. 1

#### Metal Contoured Matrices

All matrices are available of two thicknesses 0.050 mm and 0.035 mm. Specify please the necessary type, e.g. №1.501(0.035 mm), or №1.510(0.050 mm).



#### For Premolars

**№ 1.501** Matrices for Premolars  
without ledge  
12 pcs.



**№ 1.502** 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, elongated  
12 pcs.



**№ 1.506** Matrices for Premolars  
bilateral, elongated  
12 pcs.



**№ 1.500** Contoured Metal Matrices  
for Premolars  
24 pcs.:  
№ 1.501 6 pcs.  
№ 1.502 6 pcs.  
№ 1.503 6 pcs.  
№ 1.504 6 pcs.



#### For Molars

**№ 1.511** Matrices for Molars  
without ledge  
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, elongated  
12 pcs.



**№ 1.516** Matrices for Molars  
bilateral, elongated  
12 pcs.



**№ 1.517** Matrices for Molars  
without ledge, elongated  
12 pcs.



**№ 1.510** Contoured Metal Matrices  
for Molars  
24 pcs.:  
№ 1.511 6 pcs.  
№ 1.512 6 pcs.  
№ 1.513 6 pcs.  
№ 1.514 6 pcs.

- Anatomically pre-shaped
- Six shapes of premolar matrices and seven shapes of molar matrices
- Provide perfect approximal form and contact
- Stainless steel

#### Matrices can be installed with

1. Toffmire or Nustrem retainer



2. Supermat system



3. Slot clamp № 1.044 (see p.9)



4. Slot springclip № 1.004 (see p.9)



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## Nr. 2

### Metal Matrix Bands

All matrices are available of two thicknesses 0.050 mm and 0.035 mm. Specify please the necessary type, e.g. №1.0931(0.035 mm), or №1.390(0.050 mm).

#### For Premolars (scale 1:2)



**№ 1.0930** 12 pcs.

**№ 1.0932** 12 pcs.

**№ 1.0933** 12 pcs.

#### For Molars (scale 1:2)



**№ 1.0931** 12 pcs.

**№ 1.1932** 12 pcs.

**№ 1.1933** 12 pcs.



**№ 1.380** **Rectangular (Sequiland) Matrix Bands**  
6 mm wide, 100 mm in length, 12 pcs.

**№ 1.381** **Rectangular (Sequiland) Matrix Bands**  
7 mm wide, 100 mm in length, 12 pcs.



**№ 1.390** **Striproll**  
6 mm wide, 3 m in length

**№ 1.391** **Striproll**  
7 mm wide, 3 m in length

### Metal Strips



**№ 1.382** **Metal Strips**  
6 mm wide, 50 mm in length,  
0.06 mm thick  
100 pcs.

- Stainless steel

- Three shapes for premolars  
and three shapes for molars

Matrices are installed by the  
same methods as metal  
contoured matrices (see p. 4).

Striprolls of other length and  
width can be supplied upon  
special request.

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

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## Accessories for Installation of Saddle Matrices

Nr. 14



№ 1.033

Clamp  
1 pc.

Nr. 16



№ 1.003

Springclip  
small  
1 pc.



№ 1.005

Springclip  
large  
1 pc.



Tines of  
clamp &  
springclips  
are  
narrowed

Nr. 3

### Perforated Metal Matrices

Thickness 0.05 mm



№ 1.331(1)

Perforated Metal Matrices  
12 pcs.



№ 1.331(4)

Perforated Metal Matrices  
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  
large  
12 pcs.



### Accessories for Installation of Perforated Matrices

Nr. 14



№ 1.022

Clamp  
1 pc.

Nr. 16



№ 1.002

Springclip  
1 pc.



Tines of  
clamp &  
springclip  
are  
truncated

#### 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



#### Perforated matrices can be installed with

1. Ivory retainer



2. Clamp № 1.022



3. Springclip № 1.002



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# Nr. 4

## 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

Specify please the necessary type, e.g. № 1.0971(0.035 mm, hard), or № 1.098(0.050 mm, soft).



**№ 1.0971** Sectional Contoured Matrices.  
Small with Ledge 10 pcs.

**№ 1.0971(50)** Sectional Contoured Matrices.  
Small with Ledge 50 pcs.



**№ 1.0972** Sectional Contoured Matrices.  
Small 10 pcs.

**№ 1.0972(50)** Sectional Contoured Matrices.  
Small 50 pcs.



**№ 1.0973** Sectional Contoured Matrices.  
Large 10 pcs.

**№ 1.0973(50)** Sectional Contoured Matrices.  
Large 50 pcs.



**№ 1.0974** Sectional Contoured Matrices.  
Large with Ledge 10 pcs.

**№ 1.0974(50)** Sectional Contoured Matrices.  
Large with Ledge 50 pcs.



**№ 1.0975** Sectional Contoured Matrices.  
Medium with Ledge 10 pcs.

**№ 1.0975(50)** Sectional Contoured Matrices.  
Medium with Ledge 50 pcs.



**№ 1.0976** Sectional Contoured Matrices.  
Medium 10 pcs.

**№ 1.0976(50)** Sectional Contoured Matrices.  
Medium 50 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** and **1.1973** 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 events upon restoration



### after restoration



# Nr. 5

## Metal Contoured Matrices Combined with Clamp

All matrices are 0.035 mm thick.

### For Premolars



**No. 1.541** Matrices for Premolars  
one central ledge  
12 pcs.



**No. 1.542** Matrices for Premolars  
bilateral  
12 pcs.



**No. 1.543** Matrices for Premolars  
left ledge  
12 pcs.



**No. 1.544** Matrices for Premolars  
right ledge  
12 pcs.



**No. 1.545** Matrices for Premolars  
without ledge  
12 pcs.



**No. 1.549** Matrices for Premolars  
left ledge + right ledge  
10 pcs. (5 pcs. + 5 pcs.)



**No. 1.540** Contoured Metal  
Matrices Combined  
with Clamp  
for Premolars  
24 pcs.:  
No. 1.541 3 pcs.  
No. 1.542 3 pcs.  
No. 1.543 5 pcs.  
No. 1.544 5 pcs.



**No. 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



**No. 1.551** Matrices for Molars  
one central ledge  
12 pcs.



**No. 1.552** Matrices for Molars  
bilateral  
12 pcs.



**No. 1.553** Matrices for Molars  
left ledge  
12 pcs.



**No. 1.554** Matrices for Molars  
right ledge  
12 pcs.



**No. 1.555** Matrices for Molars  
without ledge  
12 pcs.



**No. 1.559** Matrices for Molars  
left ledge + right ledge  
10 pcs. (5 pcs. + 5 pcs.)



**No. 1.550** Contoured Metal  
Matrices Combined  
with Clamp  
for Molars  
24 pcs.:  
No. 1.551 3 pcs.  
No. 1.552 3 pcs.  
No. 1.553 5 pcs.  
No. 1.554 5 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

1. Install matrix on tooth



2. Press metal clamp



3. Ready for restoration



Matrix assembled with fixing wedges and clamps №1.099 (see p. 12).



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## Nr. 6

### Saddle Matrices

All matrices are available of two thicknesses 0.050 mm and 0.035 mm. Specify please the necessary type, e.g. №1.301(0.035 mm), or №1.310(0.050 mm).



**№ 1.301** Saddle Matrices.  
Small  
12 pcs.



**№ 1.302** Saddle Matrices.  
Medium  
12 pcs.



**№ 1.303** Saddle Matrices.  
Large  
12 pcs.

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

- 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

## Nr. 7

### Saddle Contoured Matrices



**№ 1.311** Saddle Contoured Matrices.  
Small  
12 pcs.



**№ 1.312** Saddle Contoured Matrices.  
Medium  
12 pcs.



**№ 1.313** Saddle Contoured Matrices.  
Large  
12 pcs.



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



**№ 1.320** Saddle Contoured Metal Matrices  
Kit with Clamp  
matrices 18 pcs.:  
№ 1.311 6 pcs.  
№ 1.312 6 pcs.  
№ 1.313 6 pcs.  
clamp № 1.033 1 pc.

#### Installation of Saddle Matrix with Clamp № 1.033

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



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



3. Ready for restoration



Matrices can be installed on distal and on mesial tooth surface.

# Nr. 8

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

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

### Installation with

1. Toffmire retainer



2. Supermat



3. Slot clamp № 1.044  
(see p. 9)



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



# Nr. 8

## Transparent Crowns

### Crowns on Plates



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



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



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



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



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



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

### Single Crowns



**No. 1.910** **Anterior Transparent Crowns. Universal Kit**  
64 pcs.:  
for incisors 44 pcs.  
(upper & lower jaw, small, medium, large)  
for canines 20 pcs.  
(upper & lower jaw, small, medium, large)



**No. 1.911** **Posterior Transparent Crowns. Universal Kit**  
64 pcs.:  
for premolars 32 pcs.  
(upper & lower jaw, small, medium, large)  
for molars 32 pcs.  
(upper & lower jaw, small, medium, large)

### Operation procedure

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



2. Fill the crown with filling material



3. Put the filled crown on to the tooth under restoration



4. Remove the excess filling material squeezed from the hole



Twenty eight individual shapes available



# Nr. 9

## Transparent Contoured Self-Adhesive Matrices



**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**  
12 pcs.:  
right ledge 6 pcs.  
left ledge 6 pcs.



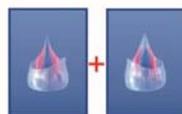
**No 1.491(1)**

**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**  
12 pcs.:  
right ledge 6 pcs.  
left ledge 6 pcs.

Four shapes for molars and four shapes for premolars.

Matrix ends are covered with a special glue layer for side-to-side conjunction.

**No matrix retainer required**

### Installation

1. Install matrix



2. Remove red protective layer from matrix sides



3. Stick glued matrix sides with each other



## Transparent Sectional Matrices



**No 1.922**

**Transparent Sectional Contoured Matrices.**  
**Narrow**  
30 pcs.



**No 1.923**

**Transparent Sectional Contoured Matrices.**  
**Wide**  
30 pcs.

Installation with clamps (see p.12) is recommended.



Installation with transparent plastic wedge is also possible.

# Nr. 10

## Transparent Strips



**No 1.040** **Transparent Strips**  
8 mm wide, 100 mm long  
100 pcs.



**No 1.041** **Transparent Strips**  
10 mm wide, 100 mm long  
100 pcs.



**No 1.240** **Transparent Striprolls**  
8 mm wide, 10 m long



**No 1.241** **Transparent Striprolls**  
10 mm wide, 10 m long



**No 1.440** **Transparent Stopstrips**  
8 mm wide, 100 mm long  
12 pcs.

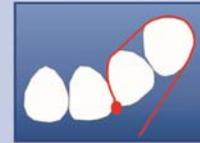


**No 1.441** **Transparent Stopstrips**  
10 mm wide, 100 mm long  
12 pcs.

Transparent strips are 0.05 mm thick

Striprolls of other length and width can be supplied upon special request.

Stopstrip offers the possibility to operate with one hand only.



# Nr. 11

## Plastic-Metal Combined Matrix Bands



**No 1.034** Plastic-Metal Combined Matrix Bands for Premolars  
12 pcs.



**No 1.134** Plastic-Metal Combined Matrix Bands for Molars  
12 pcs.

Half metal / half plastic.

Metal part simplifies matrix penetration through a tight contact point.

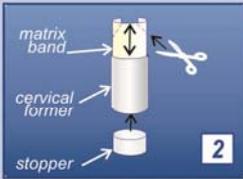
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# Nr. 12

## Transparent Cervical Matrix System



**№ 1.141** **Transparent Cervical Matrix Bands**  
matrix bands 10x37mm 100 pcs.  
cervical former 1 pc.  
stopper 1 pc.



### 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).



# Nr. 13

## 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.



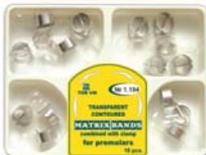
**№ 1.095(4)**

**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.



**№ 1.194**

**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.



**№ 1.195**

**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.:  
№ 1.094(1) 3 pcs.  
№ 1.094(2) 3 pcs.  
№ 1.094(3) 5 pcs.  
№ 1.094(4) 5 pcs.  
№ 1.095(1) 3 pcs.  
№ 1.095(2) 3 pcs.  
№ 1.095(3) 5 pcs.  
№ 1.095(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



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## Accessories for Installation of Sectional Matrices

**Nr. 14** 

**№ 1.099** **Clamp**  
round tines  
1 pc.

There are standard, low and high clamps:

standard		tine's height - 5 mm
low		tine's height - 4 mm
high		tine's height - 6 mm

Specify please the necessary tine's length, e.g.  
№ 1.099 - high, or № 1.099 - low.



**№ 1.399** **Clamp Set**  
3 pcs.:  
standard clamp  
low clamp  
high clamp

**№ 1.199** **Clamp**  
flat tines  
1 pc.



**№ 1.299** **Delta Clamp**  
flat tines with triangle slot  
1 pc.



**Nr. 16**

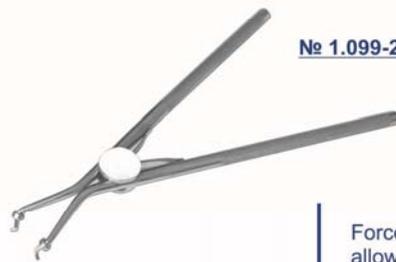


**№ 1.009** **Springclip**  
1 pc.

**Nr. 15**



**№ 1.099-1** **Forceps**  
1 pc.



**№ 1.099-2** **Forceps**  
1 pc.

Forceps № 1.099-2 have special stoppers, that allows to use them also for installation of wedges «elastic» (see p.15).

### Various clamp positions

Variant 1. Clamp tines located behind the wedge



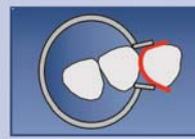
Variant 2. Clamp tines located in front of the wedge



Variant 3. Two clamps on one tooth



### Installation with clamp №1.199



In case of large cavities wide tines do not penetrate deeply into the interdental space.

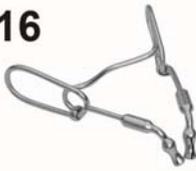
### Installation with Delta clamp



Triangle slots in the tines of Delta clamp embrace the wedge inserted.

## Accessories for Installation of Pony Matrices

**Nr. 16**



**№ 1.004**

**Slot Springclip**  
1 pc.



**Tines of  
Slot  
Springclip**

Slot springclip assembled  
with metal matrix



**Nr. 14**



**№ 1.044**

**Slot Clamp**  
1 pc.



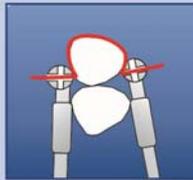
**Tines of  
Slot  
Clamp**

Slot clamp assembled with  
transparent matrix

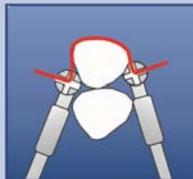


### Three Modes of Pony Matrix Insertion into the Slots of the Springclip:

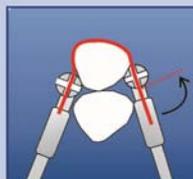
1. Standard catching  
(recommended)



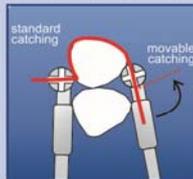
2. Rigid catching



3. Movable catching



Combination of catchings



Pony matrices are ideal for fixation with Slot springclip or Slot clamp. Any other metal matrices can be installed with Slot springclip and Slot clamp provided matrix edges are narrow enough to do not overhang from the slot into the direction of gingiva.

Transparent matrices can be installed only with Slot clamp.

Upon standard catching the length of matrix loop can be regulated.

Upon rigid catching any correction of the length of matrix loop is difficult.

Upon movable catching one can regulate the length of the matrix loop even when matrix assembled with springclip is on the tooth. Matrix fixation is provided by matrix edge bending off in the direction pointed by the black arrow.

Depending on clinical event and dentist experience one can use different variants of matrix catching.

### Installation with Slot Springclip

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



2. Install the springclip with  
matrix onto the tooth



3. Ready for restoration of  
distal tooth surface



4. Ready for restoration of  
mesial tooth surface



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