SWISS
MADE

product
catalogue
english

polydentia
swiss manufacture

2024

swiss manufacture

polydentia
swiss manufacture

Polydentia has been developing and producing dental products in southern Switzerland for more than 47 years.

Founded in 1976, for Polydentia these past four decades have been made of passion, excellence and continuous improvement.
We successfully married our founding values – excellent Swiss quality, innovative thinking and constant product development – with the latest trends of modern conservative dentistry.

Our new corporate identity represents our vision for the future. It is our pledge and renewed commitment to keep on manufacturing excellent instruments for dental professionals all around the globe, building on forty years of experience and know-how, and actively collaborating with passionate dentists.

In the years ahead, we will continue to provide the best Swiss quality products for dental professionals to enable them to enjoy their daily practice, while helping them to improve patients' care.

Thank you for your trust,

Polydentia SA

www.polydentia.ch

Index

polydentia
swiss manufacture

restaurative

ANTERIOR MATRIX SYSTEM

Restaurative

Polydentia offers innovative solutions developed to attain better results in aesthetics and restoration dentistry, both for anterior and posterior restorations.

Our restorative assortment entails an anterior matrix system and a collection of adult and paediatric posterior matrix systems that simplify your work flow and enable you achieve predictable direct restorations.

Our kits of sectional matrix systems include separator rings offering different separation forces, along with interchangeable extremities, high-contrast sectional matrices and anatomical wedges. These instruments make our restorative products suitable for a wide range of clinical cases of Class II cavity restorations and application techniques, even in case of low crown height teeth and wide cavity preparations

Should a more traditional approach be preferred, a circumferential system and a comprehensive selection of matrix bands are also available.

All our restorative products are Swiss-made and comply with the most rigorous national and international regulations.

Unica anterior

Unica minideep anterior

watch the video

Unica anterior Introkit
in cooperation with STYLE ITALIANO™

Unica anterior is the ideal matrix system for anterior restorations such as class III, IV, V, direct stratification composite veneers and shape modifications. Thanks to their contoured shape, the matrices of the system, Unica anterior and Unica minideep anterior adapt correctly to the different morphologies of all anterior teeth.

They allow the proximal and cervical margins to be restored at the same time, even in the presence of a rubber dam or gingival retraction cords, thus reducing the time needed for restoration. In addition, once the Unica matrices are positioned, they allow to visualise the final shape of the restoration, even before starting the procedure.

- **Versatile system for anterior restorations**
- **Easy management of the whole emergence profile**
- **Wings for easy placement**
- **Contoured, anatomical shape**

Contents	REF
Unica anterior Introkit	6900
20 pcs Unica anterior matrices	
20 pcs Unica minideep anterior matrices	
40 pcs myWedge XS	
40 pcs myWedge S	
40 pcs myWedge M	
1 pc myQuickmatrix Forceps	

| Refills		REF
	12 pcs. Unica anterior matrices	6912
	50 pcs. Unica anterior matrices	6950
	12 pcs. Unica minideep anterior matrices	6911
	50 pcs. Unica minideep anterior matrices	6951

myTines Small

myTines Medium

myTines Large

myQuickmat Forte kit

Complete sectional matrix system kit developed to offer strong tooth separation in order to create excellent contact points in the restoration of Class II cavities.

This kit features myRing Forte, a sectional matrix ring that adapts to both teeth of different crown heights and wide cavity preparations, thanks to the its extremities (myTines Small, Medium and Large). In case of dissimilar tooth morphologies, the autoclavable and replaceable myTines can be used interchangeably to enhance matrix adaptation. The kit comprises a selection of myWedge, high-quality, anatomical interdental plastic wedges. Their hollow V-shape allows them to compress and adapt to the interproximal anatomy of teeth, preventing damage to the papilla. LumiContrast sectional matrices complete the kit's matrix assortment. These dark-blue matrices significantly increase contrast and reduce glare effect, especially while using loupes or microscopes.

- **Strong separation force for tight contacts**
- **Suitable for teeth of different crown heights and wide cavity preparations**
- **Replaceable, interchangeable and autoclavable plastic extremities**
- **Exceptional matrix adaptation and retention**
- **Complete kit including myForceps**
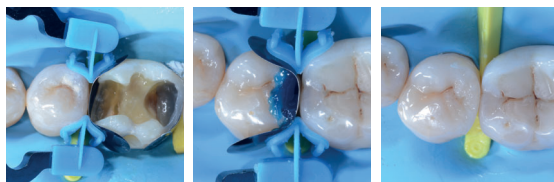
System for low crown height teeth and wide cavity preps
Discover at pages 14-15

watch the video

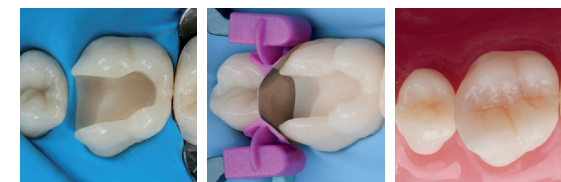| Contents	REF
myQuickmat Forte kit	6803
2 pcs. myRing Forte,	
2 pairs myTines M, 1 pair myTines S, 1 pair myTines L	
50 pcs. Quickmat Sectional Matrices, Premolar 0.04mm / 5mm,	
50 pcs. Quickmat Sectional Matrices, Molar 0.04mm / 6.4mm,	
20 pcs. Quickmat Sectional Matrices, Molar Deep 0.04mm / 6.4mm+Ext.,	
20 pcs. LumiContrast Sectional Matrices, Premolar 0.04mm / 5mm,	
20 pcs. LumiContrast Sectional Matrices, Molar 0.04mm / 6.4mm,	
20 pcs. LumiContrast Sectional Matrices, Molar Deep 0.04mm / 6.4mm+Ext.,	
50 pcs. myWedge, Extrasmall (XS),	
50 pcs. myWedge, Small (S),	
40 pcs. myWedge, Medium (M),	
40 pcs. myWedge, Large (L),	
1 pc. myForceps	

myTines Small

myTines Medium

myTines Large

myQuickmat Forte Starter kit

Obtain anatomically correct Class II cavity restorations with tight contact points and natural contours using the restorative solutions included in myQuickmat Forte starter kit. The system allows you to restore teeth with different crown heights as well as teeth with large cavity preparations or missing cusps thanks to the replaceable extremity system myTines.

All components of the kit have been selected to optimise the restorative procedure, allowing quick and predictable results with minimal finishing steps.

- **Restorative essentials for the recreation of tight, anatomically-correct contact points and natural contours**
- **Selected restorative solutions for improved matrix retention and adaptation**
- **Great choice of sectional matrices to optimise your Class II restorations**
- **One system for restoring teeth with different crown height and wide cavity preps**
- **Included the NEW QuickmatFLEX, titanium sectional matrices with advanced elastic memory**

System for low crown height teeth and wide cavity preps
Discover at pages 14-15

Contents	REF
myQuickmat Forte Starter kit	6883
2 pcs. myRing Forte,	
2 pairs myTines Small (S),	
1 pair myTines Medium (M), 1 pair myTines Large (L),	
10 pcs. QuickmatFLEX Sectional Matrices, Premolar 0.03mm / 5mm,	
10 pcs. QuickmatFLEX Sectional Matrices, Molar 0.03mm / 6.4mm,	
5 pcs. QuickmatFLEX Sectional Matrices, Molar Deep 0.03mm / 6.4mm + Ext.,	
10 pcs. LumiContrast Sectional Matrices, Premolar 0.04mm / 5mm,	
10 pcs. LumiContrast Sectional Matrices, Molar 0.04mm / 6.4mm,	
5 pcs. LumiContrast Sectional Matrices, Molar Deep 0.04mm / 6.4mm + Ext.,	
10 pcs. myWedge, Extrasmall (XS),	
10 pcs. myWedge, Small (S),	
10 pcs. myWedge, Medium (M),	
10 pcs. myWedge, Large (L).	

myClip 2.0

All-in-one sectional matrix ring with short handles that act as forceps. There is no need for special placing tools as myClip 2.0 can be easily positioned with your fingers. myClip 2.0 features an optimal separation force that allows to create excellent contact points in the restoration of Class II cavities, making it suitable for all clinical conditions. Thanks to the ring's high-tech plastic extremities (myTines Small, Medium and Large), myClip 2.0 adapts to both teeth of different crown heights and wide cavity preparations. In case of dissimilar tooth morphologies, the autoclavable myTines can be used in combination to enhance the matrix adaptation to the proximal walls and consequently reduce the need for finishing steps. Doctors using myClip 2.0 benefit from the long lifetime of the premium-quality stainless steel ring as the extremities can be replaced should they present signs of wear and tear.

- **All-in-one sectional matrix ring. No need for ring forceps**
- **Suitable for teeth of different crown heights and wide cavity preparations**
- **Optimal separation force**
- **Quick, easy, one-hand ring positioning**
- **Replaceable, interchangeable and autoclavable plastic extremities**

myTines Small

myTines Medium

myTines Large

System for low crown height teeth and wide cavity preps
Discover at pages 14-15

Contents	REF
myClip 2.0	6305
1 pc myClip 2.0,	
1 pair myTines Small	
1 pair myTines Medium	
1 pair myTines Large	

Trial matrices and wedges included
5   pcs. LumiContrast Sectional Matrices, Premolar 0.04mm / 5mm,
5   pcs. LumiContrast Sectional Matrices, Molar 0.04mm / 6.4mm,
10   pcs. Pinky Wood Wedges, 11mm (XS),
10   pcs. Wood Wedges, 12mm (S)

myQuickmatrix Forceps

myQuickmatrix Forceps ensures a firm grip of the matrix when removing it during restoration.

- **For easy matrix removal**
- **Tips with special ribbing for a firm grip**
- **Resistant tips in tungsten carbide**

Contents	REF
myQuickmatrix Forceps, 1 pc.	5703

myForceps

myForceps is the indispensable instrument to safely place and remove all Polydentia sectional matrix rings, as myRing Classico and myRing Forte. The shaped tips ensure a firm grip of the ring during application.

- **For easy placement of myRing Classico, myRing Forte and myRing Junior**
- **Notches for retensioning myRing Forte**
- **Strong and resistant**

Contents	REF
myForceps, 1 pc.	5707

myTines Small & Medium

myTines Small and myTines Medium are versatile extremities for myRing Forte & myClip 2.0, developed for a precise adaptation of Polydentia's sectional matrices to a wide range of clinical situations and teeth of different crown heights. In case of dissimilar tooth morphologies, the ability to combine myTines Small with myTines Medium on the same Polydentia's sectional ring provide an enhanced matrix adaptation to the teeth and a firm grip, thus reducing composite flashes and optimising stability.

- **Replaceable, interchangeable and autoclavable plastic extremities**
- **myTines Small: improved adaptation on teeth of low crown height**
- **Increased stability of the rings**
- **V-shaped for better positioning over the wedge**
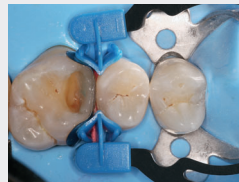
Extremities
for myClip 2.0
& myRing Forte
pages 10 - 12

myClip 2.0

myRing Forte

Which myTines do I use?

LOW crown **HEIGHT** teeth

NORMAL crown **HEIGHT** teeth

Use
myTines
Small

Use
myTines
Medium

Contents	REF
6 pairs myTines Small	6304
6 pairs myTines Medium	6303
6 pairs myTines, assorted (Small, Medium, Large)	6310

See refills on page 20
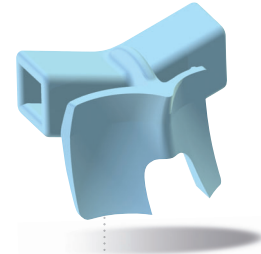
myTines Large

myTines Large are the new extremities especially developed to be fitted on myClip 2.0 and myRing Forte to the stability of the sectional matrix rings on wide cavity preparations even in case of missing cusps. The asymmetry of the wings allows a perfect adaptation on distal and mesial cavities simply by inverting the position of the extremities. Also, the possibility of combining different myTines (Small, Medium and Large) ensures an excellent matrix adaptation and a firm grip, thus reducing composite flashes and overhangs.

- **Increases ring stability on wide cavity preparations even with missing cusps**
- **V-shaped for better positioning over the wedge**
- **Replaceable, interchangeable and autoclavable plastic extremities**
- **Asymmetric extremities' wings improve adaptation**
- **Extremities can be rotated to provide further flexibility**

Extremities
for myClip 2.0
& myRing Forte
pages 10 - 12

myClip 2.0

myRing Forte

Which myTines do I use?

WIDE CAVITY preparations/ **MISSING** cusp

Use
myTines
Large
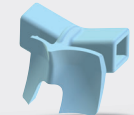
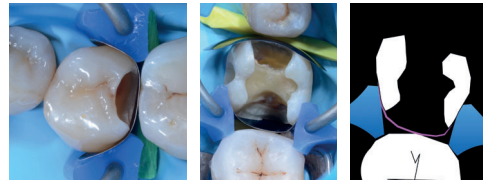| Contents	REF
6 pairs myTines Large	6306
6 pairs myTines, assorted (Small, Medium, Large)	6310

See refills on page 20

myQuickmat Classico kit

Complete sectional matrix system developed to offer gentle tooth separation in order to create excellent contact points in the restoration of class II cavities. This kit features Polydentia's myRing Classico, a classic sectional matrix ring made of nickel titanium. It is reinforced to provide an optimal and gentle separation force in combination with the included Interdental Maple Wood Wedges. For the restoration of very extensive cavities, the kit also includes the extremities Delta Tubes. These anatomically shaped silicone tubes ensure optimal matrix retention and adaptation to the tooth's anatomy. LumiContrast sectional matrices complete the kit's assortment. These dark-blue matrices significantly increase contrast and reduce glare effect, especially while using loupes or microscopes.

watch the video

• Optimal, gentle separation force for tight contacts
• myRing Classico and Delta Tubes entirely autoclavable
• Excellent matrix adaptation and retention
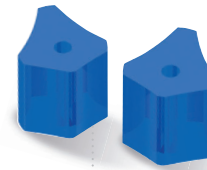• Complete assortment of matrices and wedges

"No matrix deformation even in case of broad cavities"

Extremities
for myRing Classico
page 16

myRing Classico
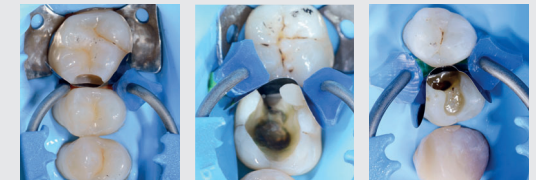
Diamond[24]

in cooperation with STYLE ITALIANO™

Diamond[24] are anatomically shaped silicone tubes designed to be used with Polydentia's sectional matrix ring "myRing Classico". Diamond[24] can be oriented in 24 different combinations of shape and length ensuring an optimal matrix retention and adaption to the tooth even in case of difficult clinical situations.

• Flexible to allow to carefully bend the matrix to shape without collapsing into the cavity
• Embrace the matrix: optimal contact points
• 24 combinations to enhance the adaptability to the clinical situation
• Autoclavable and replaceable
• Customizable: cut and shape according to necessity

3 examples of the 24 possible combinations

Scan this QR code and discover all the 24 combinations

Contents	REF
myQuickmat Classico kit	6801
50 pcs. Quickmat Sectional Matrices, Premolar 0.04mm / 5mm,	
50 pcs. Quickmat Sectional Matrices, Molar 0.04mm / 6.4mm,	
20 pcs. Quickmat Sectional Matrices, Molar Deep 0.04mm / 6.4mm+Ext.,	
20 pcs. LumiContrast Sectional Matrices, Premolar 0.04mm / 5mm,	
20 pcs. LumiContrast Sectional Matrices, Molar 0.04mm / 6.4mm,	
20 pcs. LumiContrast Sectional Matrices, Molar Deep 0.04mm / 6.4mm+Ext.,	
2 pcs. myRing Classico,	
6 pairs Delta Tubes,	
50 pcs. Pinky Wood Wedges, 11mm (XS),	
50 pcs. Wood Wedges, 12mm (S),	
40 pcs. Wood Wedges, 13mm (M),	
40 pcs. Wood Wedges, 15mm (L)	

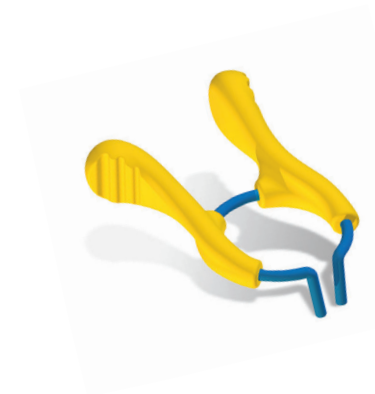| Contents	REF
Diamond[24]	6312
15 pairs	

my*junior* kit

myJunior kit is the first sectional matrix system for paediatric dentistry, especially developed to suit smaller deciduous and young permanent teeth. The kit offers child-friendly solutions that help saving valuable chair-time and reduce the distress of children, allowing them to quickly return to their favourite activities. Two junior sectional matrix rings are included in the kit: myClip Junior and myRing Junior. These minimally invasive, safe to use, bright-coloured paediatric rings combine stability with the right separation force, that enables dentists to achieve ideal contact surfaces. In addition, the extra grip provided by the flexible extremities myTines Junior and the rounded silicone tubes ensure a better adaptation of the sectional matrices, hence preventing annoying composite flashes and overhangs.

watch the video

- Child-friendly, safe to use, bright-coloured solutions
- User-friendly intuitive system
- Small sized restorative solutions that suit deciduous teeth
- Optimal separation force for tight contacts

myClip *junior*

All-in-one paedriatic sectional matrix ring with integrated forceps.

- **All-in-one sectional matrix ring with handles that act as forceps**
- **Optimal separation force**
- **Fast, easy, one-hand ring positioning**
- **Long-lasting, made out of Nickel Titanium**

Contents	REF
myClip Junior, 2 pcs.	6335

myRing *junior*

Paedriatic sectional matrix ring that fits a wide variety of clinical situations.

- **Optimal separation force for tight contact points**
- **Smaller ring that fits in narrower spaces**
- **Excellent matrix adaptation and retention**
- **Long-lasting, made out of Nickel Titanium**

Contents	REF
myRing Junior, 2 pcs.	6336

Contents	REF
myJunior Kit	6330
1 pc. myClip Junior	
1 pc. myRing Junior	
5 pairs Cylindrical Silicone Tubes	
5 pairs myTines Junior	
40 pcs. LumiContrast Sectional Matrices, Premolar 0.04mm / 5mm	
40 pcs. Junior LumiContrast Sectional Matrices, 0.04mm / 3.75mm	
50 pcs. Quickmat Sectional Matrices, Premolar 0.04mm / 5mm	
50 pcs. Junior Quickmat Sectional Matrices, 0.04mm / 3.75mm	
50 pcs. Pinky Wood Wedges, 11mm (XS)	
40 pcs. Wood Wedges, 12mm (S)	
50 pcs. myWedge XS	
40 pcs. myWedge S	

Refills

Extremities

Junior Sectional matrices

Interdental wedges

Child-friendly solutions that enhance matrix adaptation and retention on small deciduous teeth. They enable you to achieve ideal contact surfaces and reduce finishing and polishing time.

Refills: rings, extremities and forceps

Sectional Matrix Rings

REF 6805
myClip 2.0, 2 pcs.
myTines M, 2 pairs
myTines S, 1 pair
myTines L, 1 pair

REF 6806
myRing Forte, 2 pcs.
myTines M, 2 pairs
myTines S, 1 pair
myTines L, 1 pair

REF 6804
myRing Classico, 2 pcs.
Delta Tubes, 2 pairs

Sectional Matrix Rings Extremities

REF 6304
myTines Small
for myClip 2.0
& myRing Forte
6 pairs

REF 6303
myTines Medium
for myClip 2.0
& myRing Forte
6 pairs

REF 6306
myTines Large
for myClip 2.0
& myRing Forte
6 pairs

REF 6310
myTines assorted
2 pairs myTines S
2 pairs myTines M
2 pairs myTines L

REF 6312
Diamond24
15 pairs

REF 5712
Delta Tubes
15 pairs
(10 transparent,
5 blue)

Junior Sectional Matrix Rings and Extremities

REF 6335
myClip Junior
2 pcs.

REF 6336
myRing Junior
2 pcs.

REF 6333
myTines Junior
15 pairs

REF 5711
Silicone Tubes
15 pairs

Forceps

REF 5703
myQuickmatrix Forceps

REF 5707
myForceps

The opinion of professionals:

myClip 2.0
Dr. David Gerdolle - Switzerland
"myClip 2.0 is very easy to handle. Its extremities have a special geometry and rigidity allowing very efficient matrix positioning on the palatine and buccal walls. This saves time for the finishing steps and ensures a good proximal morphology."

myQuickmat Forte kit
Dr. Radoslav Asparuhov - Bulgaria
"The use of myQuickmat Forte Kit is extremely easy and the results are predictable – perfect seal of the margins, while ensuring an adequate outline of the restoration and tight contact points. The separating force of myRing Forte is more than enough to compensate the thickness of the already thinnest matrices available."

myQuickmat Classico kit
Dr. Giuseppe Chiodera - Italy
"An accurate reproduction of the contact point and proximal walls is a must in Class II restorations. The versatility provided by combining myRing Classico with Diamond24 offers additional flexibility in adapting the sectional matrix system to the clinical situation."

myJunior Kit
Dr. Marina Papachroni - Greece
"I regard myJunior kit as an optimal solution for paediatric treatments. The system offers the ideal tools for the treatment of primary and young permanent teeth, which allowed me to achieve an excellent restoration with less efforts and with considerable chair-time savings".

Unica anterior Introkit *in cooperation with Style Italiano*
Dr. Jordi Manauta, DDS., Head of StyleItaliano Idea Factory - Italy
"Unica anterior is the solution to anterior restorations, whether it be class III, IV, V, shape modifications, and direct stratification composite veneers. One effective matrix for everyday anterior aesthetic and functional results".

Quickmat All-Round
Circumferential matrices

API is the Autoclavable
PlacementInstrument that
makes Quickmat All-Round s
table and easy to place.
Ergonomical and easy
to use, API is the
All-round Star!

myQuickmat All-round

in cooperation with **STYLE**ITALIANO™

myQuickmat All-round is the circumferential matrix system designed to perform anatomical posterior restorations of teeth with missing structures. The easy-to-use Quickmat All-round matrices enable restorations with naturally contoured anatomies and tight contact surfaces. Thanks to API (Autoclavable Placement Instrument), positioning Quickmat All-round matrices is stable and straightforward. API provides support and prevents the tensioning spool from tilting during matrix tightening. With myQuickmat All-round circumferential matrix system, you can comfortably treat challenging cases in the posterior region, working on an obstacle-free, accessible operating field.

myQuickmat All-round is especially intended for restorations in case of:

- Missing adjacent tooth
- Teeth with missing cusps
- Tooth isolation for core build-up
- MOD's

- **Beautifully contoured matrices for anatomical restorations**
- **Comfortable matrix positioning**
- **Stable matrix tightening**
- **Easy-to-tighten matrices**
- **Obstacle-free, accessible operating field**

watch
the video

Contents	REF
myQuickmat All-Round	6850
2 pcs. API (Autoclavable Placement Instrument for Quickmat All-round)	
15 pcs Quickmat All-round circumferential posterior matrices, premolar - 0.03mm / 5.5mm	
15 pcs Quickmat All-round circumferential posterior matrices, molar - 0.03mm / 6.3mm	
45 pcs. The Wedge interdental wedges - assorted	

Refills		REF
35 pcs. Quickmat All-round circumferential posterior matrices - premolar 0.03mm/6.3mm		6855
35 pcs. Quickmat All-round circumferential posterior matrices - molar 0.03mm/6.3mm		6856
2 pcs. API, Autoclavable Placement Instrument for Quickmat All-round		6851

Siqveland Matrices
(0.05mm / .002")

- **Universal steel matrix**

Contents		Height	Thickness	REF
	12 pcs.	5 mm	0.05 mm	5725
	12 pcs.	7 mm	0.05 mm	5727

Tofflemire Matrices
(0.025mm / .001" - 0.03mm / .0012" - 0.04mm / .0016")

- **Easy to burnish, soft stainless steel**

Contents		Height	Thickness	REF
Premolars				
	50 pcs.	5.5 mm	0.025 mm	5921
	50 pcs.	5.5 mm	0.03 mm	6104
	50 pcs.	5.5 mm	0.04 mm	6103
Molars				
	50 pcs.	6.3 mm	0.025 mm	5920
	50 pcs.	6.3 mm	0.03 mm	6102
	50 pcs.	6.3 mm	0.04 mm	6101

Anatomic Matrices
(0.03mm / .0012")

- **Anatomically preformed**

Contents		Height	Thickness	REF
Premolars				
	50 pcs.	4.5-5.5 mm	0.03 mm	5715
	50 pcs.	6.5-7.5 mm	0.03 mm	5714
	50 pcs.	4.5-7.5 mm	0.03 mm	5713
Molars				
	50 pcs.	4.5-6.3 mm	0.03 mm	5717
	50 pcs.	7.0-9.0 mm	0.03 mm	5718
	50 pcs.	7.0-9.5 mm	0.03 mm	5719

Contoured Tofflemire Matrices
(0.025mm / .001" - 0.04mm / .0016")

- **Easy to burnish, soft stainless steel**

Contents		Height	Thickness	REF
Premolars				
	30 pcs.	5.5 mm	0.025 mm	6109
	30 pcs.	5.5 mm	0.04 mm	6107
Molars				
	30 pcs.	6.3 mm	0.025 mm	6108
	30 pcs.	6.3 mm	0.04 mm	6106

Contoured Anatomical Matrices (0.03mm / .0012")

- **Anatomically preformed and contoured**
- **Easy to burnish, soft stainless steel**

Contents		Height	Thickness	REF
Premolars				
	30 pcs.	4.5-5.5 mm	0.03 mm	6115
	30 pcs.	6.5-7.5 mm	0.03 mm	6114
	30 pcs.	4.5-7.5 mm	0.03 mm	6113
	30 pcs.	4.5-7.5 mm	0.03 mm	6116
Molars				
	30 pcs.	4.5-6.3 mm	0.03 mm	6117
	30 pcs.	7.0-9.0 mm	0.03 mm	6118
	30 pcs.	7.0-9.5 mm	0.03 mm	6119
	30 pcs.	7.0-9.5 mm	0.03 mm	6120

Softrix matrix strip
(0.025mm / .001")

- **Burnishable soft steel matrix strip**

Contents		Height	Thickness	REF
	3 m	6 mm	0.025 mm	5906
	3 m	8 mm	0.025 mm	5908

ST matrix strip
(0.03mm / .0012")

- **Stainless steel matrix strip**

Contents		Height	Thickness	REF
	3 m	5 mm	0.03 mm	5235
	3 m	6 mm	0.03 mm	5236
	3 m	7 mm	0.03 mm	5237

Soft matrix strip
(0.05mm / .002")

- **Burnishable soft steel matrix strip**

Contents		Height	Thickness	REF
	3 m	5 mm	0.05 mm	5275
	3 m	6 mm	0.05 mm	5276
	3 m	7 mm	0.05 mm	5277

Matrix strip
(0.05mm / .002")

- **Stainless steel matrix strip**

Contents		Height	Thickness	REF
	3 m	5 mm	0.05 mm	5255
	3 m	6 mm	0.05 mm	5256
	3 m	7 mm	0.05 mm	5257

Unica anterior matrix
(0.03mm / .002")

Easy matrixing for a full, anatomical contour of anterior teeth, specifically maxillary incisors and canines.
A Polydentia classic!

Select *Unica anterior* for:
maxillary central incisors, maxillary lateral incisors, canine teeth.

- **Ultra-thin (0.03mm) stainless steel for tight contact surfaces**
- **Placement wings for ease of positioning**
- **Contoured for anatomically correct restorations**
- **Easy management cervical margin**

Contents		REF
	12 pcs. Unica anterior matrices	6912
	50 pcs. Unica anterior matrices	6950

watch the video

Unica minideep anterior matrix
(0.03mm / .002")

Specifically designed for teeth of smaller dimensions. The malleable, ultra-thin stainless steel makes the matrix contour easily customisable.

Select *Unica minideep anterior* for:
maxillary and mandibular laterals, mandibular central incisors, conoid teeth, triangular teeth, peg laterals, teeth with narrow cervical diameter.

- **All the benefits of Unica anterior, plus:**
- **Specifically designed for an even better adaptation on smaller anterior teeth**
- **Malleable stainless steel for a customisable contour**

Contents		REF
	12 pcs. Unica minideep anterior matrices	6911
	50 pcs. Unica minideep anterior matrices	6951

Clinical cases with Unica anterior and Unica minideep anterior

Class III restoration | By courtesy of Dr. Giuseppe Chiodera - Italy

Class IV restoration | By courtesy of Dr. Dan Lazar - Romania

Class V restoration | By courtesy of Dr. Giuseppe Chiodera - Italy

Shape modification | By courtesy of Dr. Carlos Fernández Villares - Spain

Composite veneers | By courtesy of Dr. Jordi Manauta, DDS - Italy

Diastema closure on central incisors and peg lateral incisors restoration |
By courtesy of Dr. Osama Shaalan - Palestine

Unica proximal

in cooperation with STYLE ITALIANO™

Unica Proximal stainless steel matrices have a thickness of 0.03 mm and are available in two shapes (standard and deep), designed to fit the contour of the anterior teeth labially, palatally and proximally. Unica Proximal matrices are especially indicated for anterior restorations involving the proximal walls (Class III and IV, peg-shaped lateral incisors, diastema closures, partial and total veneering). The Unica Proximal Deep is designed for perio applications with a flat papilla. The easy-to-place cervical labiopalatal arch has the purpose of securing the matrix between the papilla and the tooth subgingivally, in order to improve matrix stability after placement. A wedge can be used to secure the matrix but it is not mandatory. With a shape conceived to ensure an optimal fit on the anterior teeth, it affords better visibility and operatory field access than other solutions such as posterior sectional matrices.

- **Faithful reproduction of the labial, palatal and proximal contours**
- **Universal shape and contour for upper and lower mesial and distal teeth**
- **Allows unobstructed visibility and operatory field access**
- **Self-stabilising**
- **Longer cervical extensions than posterior sectional matrices**

Unica proximal

Unica proximal deep

watch the video

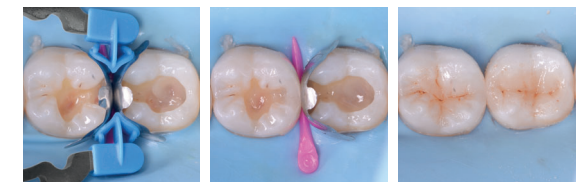| Contents		REF
	50 pcs. Unica Proximal anterior matrices thickness 0.03mm	6914
	100 pcs. Unica Proximal anterior matrices thickness 0.03mm	6913
	50 pcs. Unica Proximal deep anterior matrices thickness 0.03mm	6953
	100 pcs. Unica Proximal deep anterior matrices thickness 0.03mm	6952
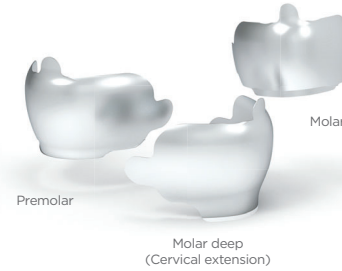
QuickmatFIT

QuickmatFIT are anatomically enhanced stainless steel sectional matrices with 0.04 mm thickness available in three anatomical shapes to cover all types of Class II posterior restorations.

QuickmatFIT matrices are especially indicated for wide interproximal spaces and large cavities. Easy to handle thanks to their placement tabs, QuickmatFIT matrices feature a rolled occlusal edge for easy marginal ridge restoration. The accentuated curvature of QuickmatFIT fits snugly around the tooth for improved fit and stability (compared to other Polydentia matrices), thus facilitating the attainment of proper restoration anatomy.

Molar

Premolar

Molar deep (Cervical extension)

- **Enhanced natural curvature: 3D contoured matrices ensure anatomically accurate restorations**
- **Especially indicated in case of wide interproximal spaces and large cavities**
- **Easy to handle. The placement tabs afford easier and faster matrix insertion and removal**

for more information

Contents		REF
	50 pcs. Premolar 0.04mm	5805
	50 pcs. Molar 0.04mm	5806
	25 pcs. Molar deep 0.04mm	5846
	100 pcs. Premolar 0.04mm	5835
	100 pcs. Molar 0.04mm	5836
	50 pcs. Molar deep 0.04mm	5856

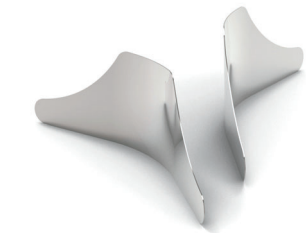## TITANIUM SECTIONAL MATRICES
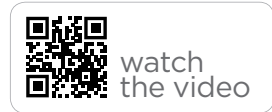
QuickmatFLEX
(0.03mm / .002")
in cooperation with STYLE ITALIANO™

QuickmatFLEX are titanium sectional matrices developed to offer the right balance of flexibility and stiffness for optimised positioning and adaptation in tight interproximal spaces. Class II treatments with QuickmatFLEX sectional matrices and Polydentia sectional matrix rings result in predictable restorations with anatomically correct anatomies, tight contact points and smooth composite surfaces that require minimal finishing steps.

- **Ultra-thin 0.03mm**
- **Excellent resilience and elastic memory. Matrices resist deformation thanks to their elastic spring-back**
- **Improved elasticity. Easy to handle and adapt**

watch
the video

Contents		Height	Thickness	REF
100 pcs.	Premolar	5 mm	0.03 mm	6785
100 pcs.	Molar	6.4 mm	0.03 mm	6786
50 pcs.	Molar Deep	6.4mm+Ext.	0.03 mm	6787

STEEL SECTIONAL MATRICES

Quickmat Sectional Matrices
(0.025mm / 0.01" – 0.04mm / 0.16")

- **Easy to insert and remove**
- **Easy to burnish, soft stainless steel**
- **2 thickness sizes**
- **Various matrix sizes**

Contents		Height	Thickness	REF
100 pcs.	Premolar	5 mm	0.025 mm	5735
100 pcs.	Molar	6.4 mm	0.025 mm	5736
100 pcs.	Premolar	5 mm	0.04 mm	5705
100 pcs.	Molar	6.4mm	0.04 mm	5706
50 pcs.	Molar Deep	6.4mm+Ext.	0.025 mm	5756
50 pcs.	Molar Deep	6.4mm+Ext.	0.04 mm	5746
Junior Quickmat				
100 pcs.		3.75 mm	0.04 mm	5708

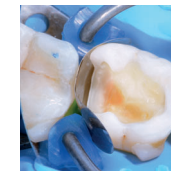## TOOTH PROTECTION MATRICES

PolydentiaPRO

PolydentiaPRO is an interproximal tooth protection matrix designed to offer excellent protection of the adjacent tooth against inadvertent bur scratches that commonly occurs during Class II preparations

- **Excellent protection of adjacent teeth during preparation**
- **Contoured and 0.05mm thick**
- **Easy to insert and remove**
- **Less polishing time thanks to scratch-free adjacent teeth**

Contents	REF
100 pcs. Polydentia PRO – Interproximal tooth protection matrices, thickness 0.05mm	5272

LumiContrast Sectional Matrices
(0.025mm / 0.01" – 0.04mm / 0.16")

- **Low reflection, high contrast matrices**
- **Ideal when using loupes or microscopes**
- **2 thickness sizes**
- **Various matrix sizes**

Contents		Height	Thickness	REF
70 pcs.	Premolar	5 mm	0.025 mm	6735
70 pcs.	Molar	6.4 mm	0.025 mm	6736
70 pcs.	Premolar	5 mm	0.04 mm	6705
70 pcs.	Molar	6.4mm	0.04 mm	6706
50 pcs.	Molar Deep	6.4mm+Ext.	0.025 mm	6756
50 pcs.	Molar Deep	6.4mm+Ext.	0.04 mm	6746
Junior LumiContrast				
70 pcs.		3.75 mm	0.04 mm	6708

TRANSPARENT MATRICES FOR POSTERIOR

Transparent Sectional Matrices
(0.075mm / .0029")

- For an optimized composite polymerization
- Contoured sectional matrix
- Polyester matrix for posterior restorations

Contents		Height	Thickness	REF
	100 pcs. Premolar	5 mm	0.075 mm	5765
	100 pcs. Molar	6.4 mm	0.075 mm	5766
	50 pcs. Extended	6.4mm+Ext.	0.075 mm	5776

Clearmat Transparent
Matrices (0.075mm / .0029")

- For an optimized composite polymerization
- Anatomically preformed
- Polyester matrix for posterior restorations

Contents		Height	Thickness	REF
Premolars				
	50 pcs.	4.5-5.5 mm	0.075 mm	5915
	50 pcs.	6.5-7.5 mm	0.075 mm	5914
	50 pcs.	4.5-7.5 mm	0.075 mm	5913
Molars				
	50 pcs.	4.5-6.3 mm	0.075 mm	5917
	50 pcs.	7.0-9.0 mm	0.075 mm	5918
	50 pcs.	7.0-9.5 mm	0.075 mm	5919

Tofflemire Transparent
Matrices (0.075mm / .0029")

- For an optimized composite polymerization
- Polyester matrix for posterior restorations

Contents		Height	Thickness	REF
Premolars				
	50 pcs.	5.5 mm	0.075 mm	5936
Molars				
	50 pcs.	6.3 mm	0.075 mm	5916

Tofflemire Contoured
Transparent Matrices
(0.075mm / .0029")

- For an optimized composite polymerization
- Contoured matrix
- Polyester matrix for posterior restorations

Contents		Height	Thickness	REF
Premolars				
	50 pcs.	5.5 mm	0.075 mm	6140
Molars				
	50 pcs.	6.3 mm	0.075 mm	6141

Stripmat
(0.05mm / .002")

- Transparent polyester matrix strip
- For an optimized composite polymerization
- Resistant, does not tear under tension

| Contents		Height	Thickness	REF
	15 m	6 mm	0.05 mm	5006
	15 m	8 mm	0.05 mm	5008
	15 m	10 mm	0.05 mm	5010

Stripmat Anatomic
(0.05mm / .002")

- Anatomically preformed transparent polyester matrix strip
- For an optimized composite polymerization
- For a better interproximal adaptation

Contents		Height	Thickness	REF
	15 m	9 mm	0.05 mm	5225

myWedge

myWedge is an interproximal wedge made of hi-tech plastic material. Its innovative hollow v-shape allows it to compress and adapt to the interproximal anatomy of teeth. It prevents damage to the papilla while guiding and forming the matrix band to the anatomy of the cervical area of the tooth. myWedge's unique round-head geometry has been designed for easy handling, placement, and removal of the wedge with any standard tweezers or forceps.

- **Hollow v-shape**
- **Gripped head to prevent sliding**
- **Flashy colors for easy identification**

The curved shape of the wedge is designed to **protect the papilla** and avoids to perforate the rubber dam

Innovative hollow v-shape allows the wedge to **compress and adapt** to the interproximal anatomy of teeth

myWedge's unique **round-head** geometry has been **designed for easy handling, placement, and removal** of the wedge with any standard tweezers or forceps
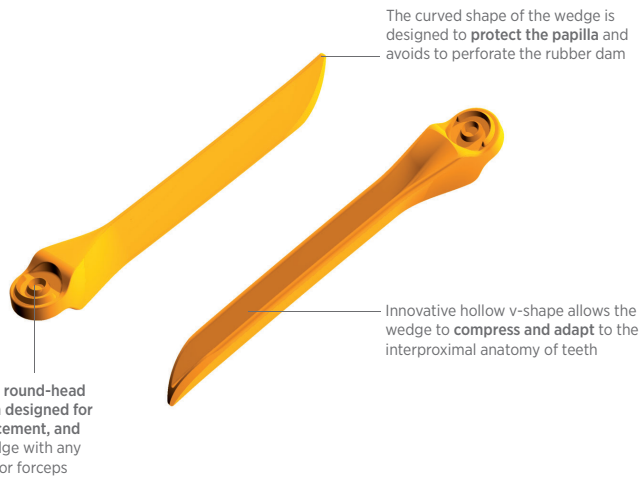
Contents		Size	REF
	100 pcs. myWedge	Extrasmall (XS)	7101
	100 pcs. myWedge	Small (S)	7102
	100 pcs. myWedge	Medium (M)	7103
	100 pcs. myWedge	Large (L)	7104
100 pcs. myWedge, assorted		(XS, S, M, L)	7100
400 pcs. myWedge, assorted		(XS, S, M, L)	7400

THE DENTAL ADVISOR ++++

The Wedge

Made of hi-tech plastic material, The Wedge combines softness and elasticity, providing an optimal adaptation of the matrix along the cervical margin, even in concave zones and in widening interdental spaces.
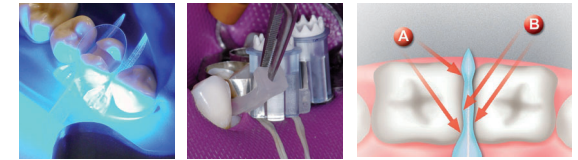
The transparent reflecting surface of "The Wedge" permits optimum reflection of light and ensures higher polymerization rates of light cured filling materials.

Clinical Tips: Insertion angle of 45° from coronal: "The Wedge" automatically follows the anatomy of the interdental space.

A - The parallel wedge shape ensures maximum wedging up to the exit point of the wedge.

B - The special polymer allows perfect adaptation of the matrices along the entire cervical section of the cavity, also to concave shapes.

The curved shape of the wedge is designed to **protect the papilla** and avoids to perforate the rubber dam

The bevelled edges **ensure perfect adaptation** of the matrix and good stability of the wedge, even in case of deep or subgingival cavity margins

The axial hole and lateral ribbing **facilitate the placing and removal**

Basal notching helps **protect the papilla,** ensuring efficient wedging

Contents		Size	REF
	100 pcs. The Wedge	Extrasmall (XS)	7011
	100 pcs. The Wedge	Small (S)	7012
	100 pcs. The Wedge	Medium (M)	7013
	100 pcs. The Wedge	Large (L)	7015
100 pcs. The Wedge, assorted		(XS, S, M, L)	7001
400 pcs. The Wedge, assorted		(XS, S, M, L)	7040
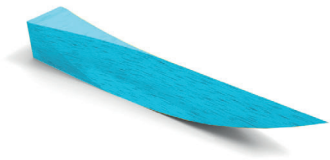
Interdental Maple Wood Wedges

Made of maple wood from Swiss forests, these interdental wedges ensure an optimal matrix adaptation along the entire cervical margin.

- Anatomical shape
- Small size (XS) for pediatric dentistry
- Big size (XL) for periodontology

Contents		Size	REF
	200 pcs. Pinky Wood Wedges	11 mm (XS)	5011
	1000 pcs. Pinky Wood Wedges	11 mm (XS)	5011PLUS
	100 pcs. Wood Wedges	12 mm (S)	5012
	1000 pcs. Wood Wedges	12 mm (S)	5012PLUS
	100 pcs. Wood Wedges	13 mm (M)	5013
	1000 pcs. Wood Wedges	13 mm (M)	5013PLUS
	100 pcs. Wood Wedges	15 mm (L)	5015
	1000 pcs. Wood Wedges	15 mm (L)	5015PLUS
100 pcs. Wood Wedges, assorted		(XS, S, M, L)	5001
100 pcs. Wood Wedges, assorted		(orange, S, M, L)	5002
400 pcs. Wood Wedges, assorted		(XS, S, M, L)	5040
600 pcs. Wood Wedges, assorted		(XS, S, M, L)	5060
1000 pcs. Wood Wedges, assorted		(XS, S, M, L)	5001PLUS

Additional products

	100 pcs. Orange Wood Wedges	11.5 mm	5018MN
	200 pcs. Orange Wood Wedges	11.5 mm	5018
	100 pcs. Wood Wedges	17 mm (XL)	5017
	1000 pcs. Wood Wedges	17 mm (XL)	5017PLUS

Tria-Shine

The triangular shape of these finishing and polishing strips with different widths (from 1.5 to 5.5 mm) considerably facilitates its insertion into the interdental space, while protecting the contact point, and allows easy finishing at the optimum height. These strips are available in three color-coded grit sizes and are coated with aluminium oxide.

- Innovative triangular shape
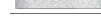- For protection of the contact point

Contents		µm	REF
	Fine, 100 pcs.	30 µm	5504
	Medium, 100 pcs.	40 µm	5505
	Coarse, 100 pcs.	60 µm	5506
Combi-Pack, assorted, 100 pcs. each		30, 40, 60 µm	5507

Abrasive Polishing Strip

This contouring and finishing roll strip for the approximal surfaces of composite restorations is made of flexible polyester and firmly coated with aluminium oxide particles. The strip is 4 mm wide and available in three different grit sizes.

- Strip length adaptable to treatment situation
- Practical box dispenser

Contents		µm	REF
	Fine, 10 m	30 µm	5511
	Medium, 10 m	40 µm	5501
	Coarse, 10 m	60 µm	5502

QuickmatFIT
anatomically enhanced sectional matrices

accurate
natural
contour

polydentia
swiss manufacture 🇨🇭

polydentia.ch f ⊙ in

Clinical cases with Polydentia restorative solutions

Unica anterior | By courtesy of Dr. Jorquera - Chile
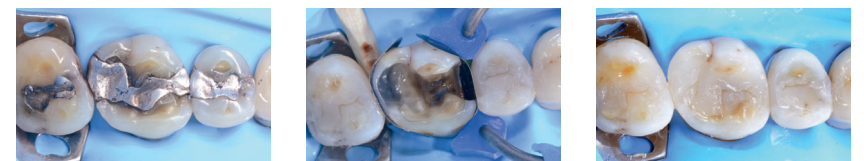

myTines Small | By courtesy of Dr. Losada - Switzerland

myTines Large | By courtesy of Dr. Higton - England

Diamond24 | By courtesy of Dr. Giuseppe Chiodera - Italy

myClip Junior | By courtesy of Dr. Martinez - Spain

protective
face shields

Vista-Tec protective face shield

The original face shields! Since 1989.
Vista-Tec is a CE-certified Class II PPE protective face shield that is comfortable to wear even on long working days. It features easy-to-clean, durable and replaceable shields made of premium optical quality polycarbonate for relaxed and clear vision.

- Ultra-light
- Comfortable to wear, adjustable fit
- Premium optical quality
- Disinfectable, durable and replaceable shields
- Category II PPE CE EN166:2001 certified

for more information

Vista-Tec ilGrande

Vista-Tec ilGrande is a CE EN 166:2001 certified Category II PPE. Its wide, durable and replaceable polycarbonate shield grants a high level of protection against liquid splashes, while the premium optical properties provide pleasant and relaxed vision. Vista-Tec ilGrande also features a headband which makes it comfortable to wear on longer working days. Both frame and headband can be autoclaved for maximum safety.

- XXL shields for increased protection
- Premium optical quality
- Category II PPE CE EN 166:2001 certified
- Ultra-light design
- Disinfectable, durable and replaceable shields
- Autoclavable frame and headband swiss-made

Contents	REF
Vista-Tec kit	5621N
1 frame, 5 shields, 1 head band	

Refills	
Vista-Tec shield	5626N
5 shields	

Contents	REF
Vista-Tec ilGrande	5663
1 frame, 2 ilGrande shields, 1 head band	

Refills	
Vista-Tec ilGrande shield	5666
5 polycarbonate shields	

Vista-Tec Clipon & L-Clipon

Protective shields for thin-frame spectacles and loupes.
Vista-Tec Clipon is a practical clip system designed to easily mount a protective shield on prescription glasses.
The clips provide support for both Clipon shields and the larger L-shields, ideal for Galilean loupes. This system is ideal for spectacles and loupes with temple arms of a maximum height of 1cm.

• **Ideal protection for thin-frame spectacles and loupes**
• **Easy to fit**
• **Durable, disinfectable, and replaceable shields**

Contents	REF
Vista-Tec Clipon kit	5622
1 pair Clipon clips, 5 pcs. shields	

Refills	REF
5 pcs. shields	5647
10 pcs. shields	5646
10 pcs. Clipon clips	5623

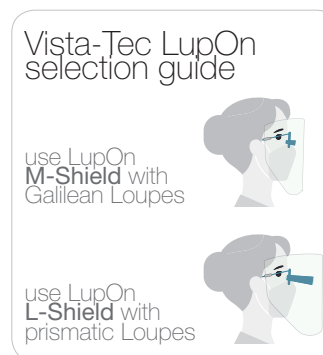| Contents	REF
Vista-Tec L-Clipon kit	5630
1 pair,Clipon clips, 5 pcs. L-shields	

Refills	REF
10 pcs. L-shields	5632
10 pcs. Clipon clips	5623

LupOn & L-LupOn

Protective shields for loupes.
Vista-Tec LupOn protects your lenses and loupes thanks to its wide and durable polycarbonate shields.
Available in 2 sizes to best fit prismatic and galilean loupes, the protective shield easily mounts on the frame through a system of clips and oRings.
Vista-Tec LupOn is ideal for spectacles and loupes with temple arms over 1 cm high.

• **Ideal protection for thick-frame spectacles and loupes**
• **Easy to fit**
• **Premium optical quality**
• **Disinfectable, durable and replaceable shields**
• **Autoclavable clips and oRings**

Vista-Tec LupOn selection guide

use LupOn **M-Shield** with Galilean Loupes

use LupOn **L-Shield** with prismatic Loupes

Contents	REF
Vista-Tec LupOn kit	5633
1 pair LupOn clips, 1 pc. M-Shield	
1 pc. L-Shield, 3 pairs oRings S, M, L	

Refills	REF
5 pcs. LupOn M-Shields	5635
5 pcs. LupOn L-Shields	5636
3 pairs oRings S, M, L	5634

instruments
and
accessories

Hy-Drop

Hy-Drops are practical hygienic liquid dispensers compatible with: alcohol, chlorhexidine, hydrogen peroxide, sodium hypochlorite and distilled water. Each Hy-Drop holds 4 ml and delivers the liquid drop by drop whenever the membrane is gently pressed, providing an efficient dosage control by a singlehanded operation. In addition, several liquid dispensers can be put together to save space. Hy-Drop is available in five different colors to prevent mix-ups over the contents of each dispenser.

A gentle pressure on the membrane releases the required liquid drop by drop

- **Perfect and efficient dosage of liquids**
- **Single-handed operation**
- **Includes 5 autoclavable membranes**
- **Autoclavable**

Contents				
1 Hy-Drop + 5 membranes				
5411/Y	5411/O	5411/G	5411/V	5411/B
Membranes, 5 pcs.				5415

Hy-Drop Forte

Hy-Drop Forte is a practical hygienic liquid dispenser compatible with aggressive chemical substances such as: ChKM-Lösung®, Fokaldry®, Orthoskavident® C, Tubulicid Red® + Blue® Label, Tubulicid Plus Endo®, Cavidex®. Each Hy-Drop Forte holds 4 ml and delivers the liquid drop by drop whenever the membrane is gently pressed, providing an efficient dosage control by a single-handed operation.

- **Perfect and efficient dosage of aggressive liquids**
- **Single-handed operation**
- **Autoclavable**

Contents	REF
1 Hy-Drop Forte + 5 membranes	5412
Membranes, 5 pcs.	5415

Stop Card & Endo-Stops

Stop-Card is a simple but effective dispenser for Endo-Stops, dispensing one Endo-Stop at a time and holding it in position while the endo-instrument is easily inserted into it. Endo-Stops are made of silicone and are essential marking tools when working with endodontic files. They have a diameter of 3.5mm and a thickness of 1mm.

- **Practical dispenser**
- **Seven different Endo-Stop colors**

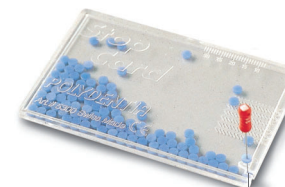**Stop Card**

1 pc. Stop Card with 100 pcs. Endo-Stops

5300/2	5300/3	5300/4
5300/5	5300/6	5300/7	5300/8

Convenient, single-dispensing unit

Endo-Stops

100 pcs. Endo-Stops

5302	5303	5304	5305	5306	5307	5308
Assorted, 100 pcs.						REF 5310

ID-Rings & Maxi ID-Rings

ID-Rings and Maxi ID-Rings are rings for easy identification of instruments. ID-Rings have an internal diameter of 3mm, Maxi ID-Rings of 6mm.

- **For an easy identification of hand instruments**
- **10 different colors**
- **Made of elastic silicone rubber**

ID-Rings

50 pcs. ID-Rings

5311	5312	5313	5314	5315	5316	5317	5318	5319	5322

Assorted, 120 pcs.	REF 5320

Maxi ID-Rings

25 pcs. Maxi ID-Rings

5362	5363	5364	5365	5366	5367	5368	5370

Assorted, 30 pcs.	REF 5360

Cotton roll holder

The cotton roll holder is suitable for pediatric dentistry and ensures a dry working field as well as excellent visibility.

- **Whenever a rubber dam cannot be placed**
- **Suitable also for pediatric dentistry**
- **For upper and lower arches**

Contents	Quantity	REF
Cotton roll holder	4 pcs.	5405/4

our Research and Development department

Innovation and quality are the values that guide our internal R&D department in the research and creation of new dental products.
Thanks to the synergy between our passionate and dynamic team, our productive know-how and the precious collaboration of professional clinicians, we develop products that meet the needs of modern conservative and aesthetic dentistry.

polydentia
swiss manufacture

symbol

📶	Ultrasonic bath
⚕	Washer-disinfector for thermal disinfection
🌡 134°C	Sterilizable in a steam sterilizer (autoclave) at the temperature specified
⊘	Do not re-use

Polydentia renews its commitment to quality by continuing to guarantee control over the production chain.
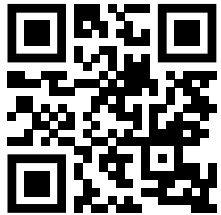
Certifications obtained:

ISO 13485:2016

SYSTEM CERTIFICATION
ISO 13485
SGS

get inspired by our clinical cases

Scan this
QR Code and see
the clinical cases

polydentia
swiss manufacture

find your nearest distributor of Polydentia products

Scan this QR Code and see the list of our distribution partners

let's keep connected

Scan this QR Code and see the website

polydentia
swiss manufacture

polydentia
swiss manufacture

Polydentia SA
via Cantonale 47
6805 Mezzovico-Vira
Switzerland

phone: +41 91 946 29 48
fax: +41 91 946 32 03

info@polydentia.ch
polydentia.ch