



1. P.D.

Biodentine®

Bioactive Dentin Substitute



Indications

- In the crown: temporary enamel restoration, permanent dentin restoration, deep or large carious lesions, deep cervical or radicular lesions, pulp capping, pulpotomy.
- In the root: root and furcation perforations, internal/external resorptions, apexification, retrograde surgical filling.

Features & benefits

- Sets in 10 - 12 minutes
- Versatile usage: endodontic repair and restorative procedures.
- Natural micro mechanical anchorage for excellent sealing properties without surface preparation.
- Similar mechanical properties and mechanical behavior as human dentin.
- 3.5mm Aluminum radiopacity for easy short and long term follow-up.

Presentation

- Item #01C0600 - 15 x capsules + 15 x single-dose containers
- Item #01C0605 - 5 x capsules + 5 x single-dose containers

Pakuotė: 15 kapsulių su milteliais + 15 konteineriukų su skysčiu



EN

Biodentine® pasižymi mechaninėmis savybėmis, panašiomis į sveiką dantį ir gali jį pakeisti tiek karūnėlėje, tiek šaknyje, be išankstinio mineralinių audinių kondicionavimo.

COMPOSITION

Tricalcium silicate powder

Aqueous calcium chloride solution and excipients

Trikalcio silikato milteliai

Vandeningis kalcio chlorido tirpalas ir pagalbinės medžiagos

PROPERTIES

Biodentine® is a bioactive dentin substitute from the « Active Biosilicate Technology® » innovation.

- 1/ Biodentine® has mechanical properties similar to the sound dentin and can replace it both in the crown and in the root, without any preliminary conditioning of mineral tissues
- 2/ Biodentine® contains high-purity, monomer-free mineral ingredients and is highly biocompatible.
- 3/ Biodentine® creates the optimal conditions for maintenance of pulp vitality, by providing a very tight seal on the dentin surface. It therefore reduces **the risk of postoperative sensitivity and the longevity of restorations in vital teeth.**
- 4/ Biodentine®, being bioactive, stimulates the pulp cells to build reactionary dentin. The dentin bridges are created faster and are thicker than with similar dental materials and represent the necessary condition **for optimal pulp healing.**
- 5/ Biodentine® offers an initial setting time reduced down to 12 minutes from start of mix, for optimal use in the crown.

A+ A-

3/ Biodentine® sukuria optimalias sąlygas pulpos gyvybingumui palaikyti, suteikdamas dantino paviršiaus sandarumą.

Įodėl sumažėja pooperacinio jautrumo rizika ir ilgaamžiškumas gyvybiškai svarbių dantų atstatymas.

4/ Biodentine®, būdamas biologiškai aktyvus, skatina pulpos ląsteles formuoti reakcingą dantį. Dantino tilteliai sukuriama greičiau ir yra storesni nei naudojant panašias dantų medžiagas ir yra būtina sąlyga optimaliam pulpos gijimui.

INSTRUCTIONS FOR USE (FOR EACH INDICATION)

Biodentine® mixing instructions

- 1) Take a capsule and gently tap it on a hard surface to loosen the powder.
- 2) Open a capsule and place it on the white capsule holder.
- 3) Detach a single-dose container of liquid and gently tap on the sealed cap to force all the liquid down the container.
- 4) Twist cap to open. Be careful that no drop of liquid falls out of the single dose container.
- 5) Pour 5 drops from the single-dose container into the capsule.

- 4) If there is bleeding in the pulp, hemostasis must be achieved before applying Biodentine®.
- 5) Prepare Biodentine® as indicated above (Biodentine® mixing instructions).
- 6) Place Biodentine® directly on the exposed pulp avoiding trapping air bubbles. Ensure good adaptation of the material to the cavity walls and margins. Do not apply excessive pressure on the material.
- 7) Perform the immediate or non-immediate enamel restoration as indicated above.

PULPOTOMY:

- 1) Isolate the tooth with a rubber dam.
- 2) Remove the infected dentin with a round bur and/or a hand excavator.
- 3) Gain access to the pulp chamber and clean out the pulp.
- 4) If there is bleeding in the pulp, hemostasis must be achieved before applying Biodentine®.
- 5) Adapt a matrix around the tooth if a wall is missing.
- 6) Prepare Biodentine® as indicated above (Biodentine® mixing instructions).
- 7) Place Biodentine® directly in the pulp chamber and ensure good adaptation to the cavity walls and margins.
- 8) Model the surface of the restoration.
- 9) Wait until the end of the setting time (12 minutes) of the material before removing the matrix.
- 10) To optimize the mechanical properties of the material and facilitate removal of the matrix, a varnish can be applied onto the surface of the restoration.
- 11) Check occlusion.
- 12) Within one week to six months after placement of Biodentine®, prepare the cavity according to the criteria recommended for the selected restorative material. The remaining Biodentine® material can be considered as sound artificial dentin and permanently left in deep areas of the cavity and in areas adjacent to the pulp chamber. Biodentine® is compatible with all direct or indirect crown restoration techniques, and particularly with all types of bonding systems.

REPAIR OF ROOT PERFORATIONS:

- 1) Isolate the tooth with a rubber dam.
- 2) Prepare the root canal alternately using suitable endodontic instruments and a solution of sodium hypochlorite.
- 3) Dry the canal with paper points and use a chlorhexidine solution or a calcium hydroxide paste for disinfection between visits. Tightly seal the access cavity with a temporary cement to protect the temporary filling.
- 4) At the next visit (usually after one week), place a rubber dam and remove the temporary crown restoration. Clean the canal alternately using a solution of sodium hypochlorite and suitable endodontic instruments. Dry the canal with paper points.
- 5) Prepare Biodentine® as indicated above (Biodentine® mixing instructions).
- 6) Dispense Biodentine® over the perforation site using a suitable instrument.
- 7) Condense Biodentine® with a plugger.
- 8) Take an X-ray to check that the material is correctly positioned.
- 9) Remove excess material and place a temporary filling.
- 10) Complete root canal treatment at the next visit according to current recommendations.

REPAIR OF FURCATION PERFORATIONS:

- 1) Isolate the tooth with a rubber dam.
- 2) Rinse the cavity with a solution of sodium hypochlorite to disinfect the area.
- 3) If there is bleeding, hemostasis must be achieved before applying Biodentine®.
- 4) Dry the pulp chamber.
- 5) Prepare Biodentine® as indicated above (Biodentine® mixing instructions).
- 6) Dispense Biodentine® and condense. Perforation repair and crown restoration are performed in a single step.
- 7) Take an X-ray to check that the material is correctly positioned.
- 8) Remove excess material.
- 9) At a subsequent visit, if all clinical signs of a successful treatment are present, the possibility of a permanent restoration can be considered.

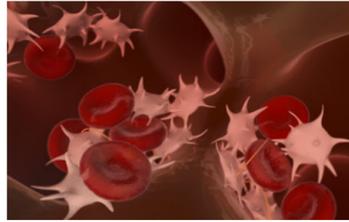
REPAIR OF PERFORATING INTERNAL RESORPTIONS:

MODE OF ACTION

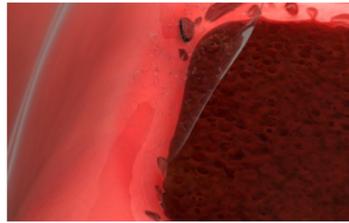
1. Sponge absorbs the blood in the wound
with 55-75-times its own weight without expanding. No unpleasant feeling of pressure in the wound.



2. Thrombocyte aggregation
The sponge structure enhances the aggregation of blood platelets and promotes haemostasis.



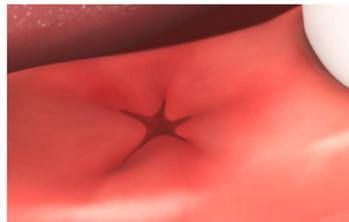
3. Stabilisation of coagulum
Contraction of the coagulum is prevented, and thus the occurrence of secondary cavities or gaps. Prevents disturbances to wound healing.



4. Broad antimicrobial depot effect
Silver ions are released throughout the entire absorption period. Silver is effective against a broad spectrum of bacteria.



5. Full resorption
within 4 weeks, perfectly adapted to the healing period. Placement of the sponge is the final treatment of the wound.



11. P.D.

USER TESTIMONIALS

«Above all the haemostatic and antibacterial depot effect of this product have convinced me clinically. *Gelatamp* is an absolutely safe companion in my daily dental practice routine.»

Dr. Friederike Listander, dentist, Germany

«I was one of the first to assess *Gelatamp* in China. I continue using *Gelatamp* because of its haemostatic and antibacterial effect. It is cost-efficient and reliable. I am happy to recommend it.»

Professor Wang Enbo, Director of oral surgery, Peking University school and hospital of stomatology

ORDER INFORMATION

Item	Contents	Dimensions	REF
Box	20 pcs.	14 x 7 x 7 mm	274 002
	50 pcs.	14 x 7 x 7 mm	274 007
Blister Pack	20 pcs.	14 x 7 x 7 mm	274 008

Matmenys: 14 x 7 x 7 mm
Pakuotė: 50 vnt.

GELATINE SPONGE
roeko

SILVER IONS IN ACTION

Gelatamp

- For the prophylaxis of wound infections and secondary haemorrhaging
- The only gelatine sponge with colloidal silver
- Haemostatic and antibacterial

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LINK TO THE GELATAMP
PRODUCT VIDEO



youtu.be/UGcyNN9Clm0

6602017_0618

SILVER WINS

Gelatamp is a gelatine sponge for the prophylaxis of wound infections and secondary haemorrhage following extractions. It contains colloidal silver and is thus clearly distinguished from mere gelatine sponges. Owing to the silver, *Gelatamp* exerts a broad antibacterial effect over the entire resorption period. The silver also gives *Gelatamp* its specific brown colour. This immediately signals that this sponge is worth its weight in gold.

Gelatamp yra želatininės kempinės, skirtos žaizdų infekcijų ir antrinio kraujavimo stabdymui/profilaktikai. Kempinės sudėtyje yra koloidinio sidabro. Dėl sidabro Gelatamp pasižymi plačiu antibakteriniu poveikiu per visą rezorbcijos laikotarpį.



- Fast initial haemostasis
- Stabilisation of the coagulum
- Broad antibacterial effect due to colloidal silver

Complete absorption

visiškai rezorbuojasi



INDICATION

Gelatamp gelatine sponges are used to treat wound cavities and sockets following extraction.

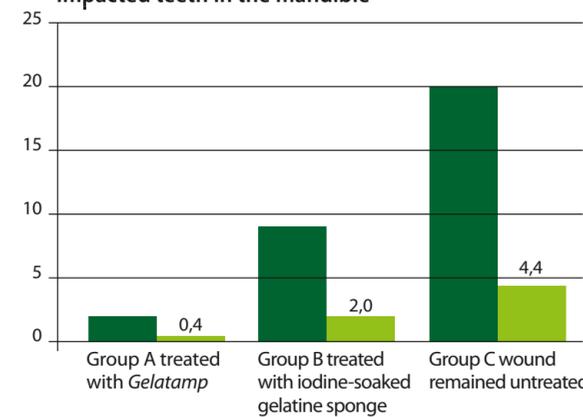
CLINICAL ADVANTAGES

Rapid initial haemostasis following extractions is an important step in initiating wound healing. The haemostatic process forms a coagulum which is the decisive link to the resulting granulation tissue which finally replaces the coagulum.

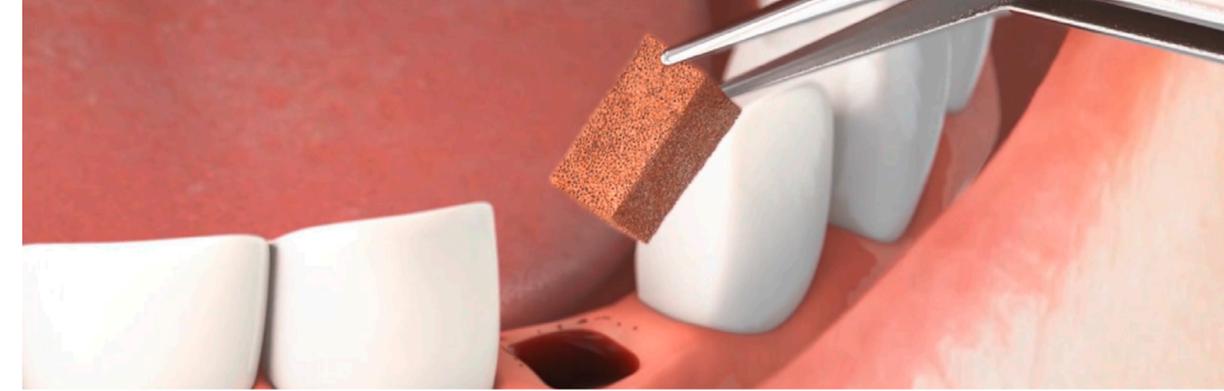
Disturbances in wound healing often occur if the coagulum is not formed, a formed coagulum is destroyed or if it is lost due to inappropriate post-operative patient behaviour. The use of *Gelatamp* counteracts these influencing factors in various ways and has been proven to reduce disturbances in wound healing.

Occurrence of dry socket following extraction of impacted teeth in the mandible

■ Number of cases of dry socket absolute (n)
■ Number of cases of dry socket in per cent (%)



Presentation based on data in Wang YZ, et.al.: Use of „*Gelatamp*“ colloidal silver gelatine sponge to prevent dry socket after extracting mandibular impacted teeth, Shanghai Kou Qiang Yi Xue. 2013 Feb;22(1):108-10.



MODE OF ACTION

Gelatamp supports rapid haemostasis. The sponge absorbs a multiple of its own weight in blood, fills the wound cavity and stabilises the blood coagulum. The sponge structure enhances the aggregation of thrombocytes and thus haemostasis. *Gelatamp* fits tightly to its surroundings and prevents the formation of gaps and secondary cavities which could occur through contraction of the blood coagulum without *Gelatamp*. The ingress of burdened saliva is reduced, and thus the risk of wound infections. In addition, the silver ions of the colloidal silver in the sponge are activated. Ag⁺ ions are highly reactive in a moist environment and counteract the survival or multiplication of bacteria in numerous ways. As silver is bound in the gelatine, it is not washed out, but released successively when the sponge is resorbed. The difference is the depot effect of *Gelatamp* – the antibacterial effect of the gelatine sponge acts over the entire resorption

period and thus effectively prevents wound infections. The silver in *Gelatamp* acts locally and not systemically, resulting in good tolerability.

APPLICATION

Gelatamp is applied immediately after the wound cavity has filled with blood. To maintain its full absorbing capacity, the sponge is to be applied dry into the wound and should not be compressed. The sponge will fill completely with blood and immediately promotes the haemostatic process.

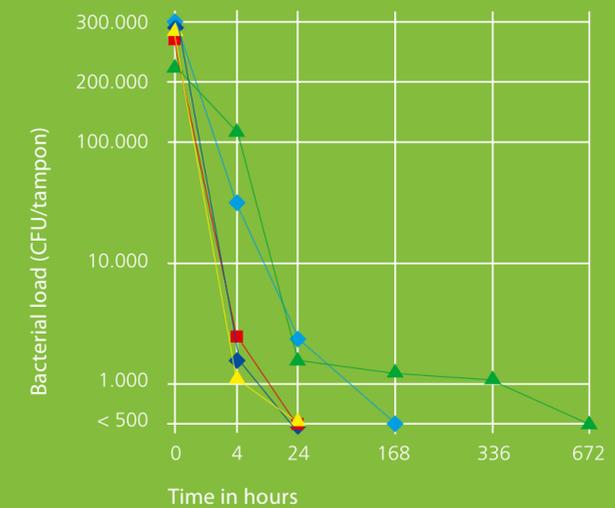
Treatment of the alveolus is provided by placing the sponge, there is no need for further irrigation and, if required, it can be sutured.

The antibacterial effect of the silver in *Gelatamp* has been confirmed in a microbiological burden test.

Reduction in pathogens with *Gelatamp* ▶

- ◆ E. coli
- Ps. aeruginosa
- ▲ Staph. aureus
- ◆ Candida albicans
- ▲ Aspergillus niger

Microbiological burden test conducted by Labor L+S GmbH, Bad Bocklet, 1992



Monoart[®]

Saliva Ejectors

EM15

12. P.D.

Seilių atsiurbėjai



vienkartiniai, pagaminti iš skaidraus plastiko.

Disposable, flexible saliva ejectors made of non-toxic, transparent PVC. The integrated metal wire perfectly holds them at the required angle and never protrudes during the bending process. Fixed or removable rounded tips are ideal for work on irritated mucous membranes.



Mix Monoart[®] Saliva Ejectors: 12 saliva ejector bags (100 pcs) in six Colours, two bags per Colour (blue, lilac, lime, orange, pink, yellow)



CE Type Ref: MONOART[®] ASPIRASALIVA EM15, EM15 SALIVA EJECTOR, EM15 SPEICHELSAUGER



Classification:

Medical Device Class II a



Dimensions:

Diameter: 6.5 mm

Length: 12.5 or 15 cm

Ilgis: 150 cm



Colours:

Blue, blue lagoon, burgundy, green, lilac, lime, pink, orange, transparent, yellow



Packaging:

Bag of 100 pieces
Carton of 50 bags

Monoart[®]

Adapter for Saliva Ejector



Safe, practical and autoclavable adapter for saliva ejector. Can be sterilized in autoclave at 134°C.



CE Type Ref: ADATTATORE PER SALIVA, ADAPTER POR SALIVA EJECTORS, ADAPTER FÜR SPEICHELSAUGER



Classification:

Medical Device Class II a



Packaging:

Bag of 10 pieces

Non-Stick Mixing Cup



Material: Silicone
Washable for repeated Use

Ref.#	Description	Package
IM012-1	70X55mm	10pcs/bag 50bags/ctn
IM012-2	50X40mm	10pcs/bag 50bags/ctn
IM012-3	36X38mm	20pcs/bag 25bags/ctn
IM012-4	31X23mm	30pcs/bag 50bags/ctn
IM012-5	25X25mm	30pcs/bag 50bags/ctn

Glass Medicament Bottle



IM013-2

Material: Glass
Package:12pcs/box
Color: ■ ■ ■ □

Bracket Tray



Material: PP
Package:25pcs/box,36boxes/ctn

Ref.#	Description
IM015-1	without mixing well
IM015-2	with mixing well

Set-Up Tray



IM016

Material: PP
Package:40pcs/ctn
Size: 336 X 240 X23 mm

Cabinet Tray



IM017

Material: PP Medical grade
Size: 340X245X20 mm
Color: ■ ■ ■

Disposable Plastic Tray



Material: PS
Size: 190 X 148 X 15 mm
Package:400pcs/ctn

Ref.#	Description
IM018-1	Flat
IM018-2	Convex



Material: PS
Size: 289 X 190 X 17 mm
Package:400pcs/ctn

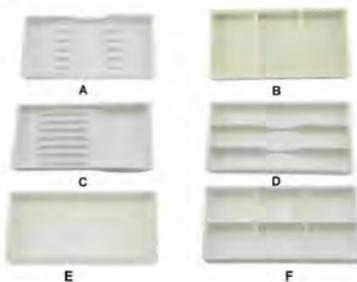
Ref.#	Description
IM019-1	Flat
IM019-2	Convex



IM019C

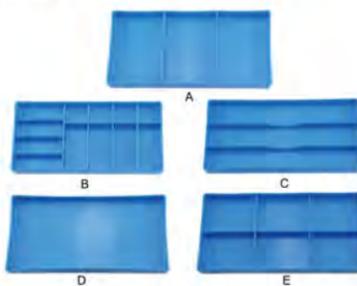
Material: PS
Size: 289 X 190 X 17 mm
Description: Flat
Package:1000pcs/ctn
Color: ■ ■ ■ ■ □

Instrument Kit Holder



IM020-1

Description: Autoclavable
Size: 200X99X25 mm
Package:50pcs/ctn



IM020-2

Description: Disposable
Size: 220X110X20 mm
Package:50pcs/ctn

Mixing Bowls



Material: PVC
Color: ■ ■ ■ ■

Ref.#	Size	Pcs/Ctn
LB001-1	130 X 96mm	100
LB001-2	108 X 59mm	180
LB001-3	84 X 50mm	250

Spatula



LB002-1

Flower type
Material: PP
Size: 195 X 30 mm
Package: 25pcs/box, 24boxes/ctn
Color: ■ ■ ■ □



LB002-2

Round end type
Material: PP
Size: 185 X 25 mm
Package: 40pcs/box, 24boxes/ctn
Color: ■ ■ ■ □



LB002-3

Handle type
Material: PP
Size: 185 X 33mm
Package: 40pcs/box,20boxes/ctn
Color: ■ ■ ■ □



LB002-4

Material: PP
Slim type: 110 X 4mm, white
Package: 100pcs/bag



Material:TPR

LB002-5

Package: 25pcs/box, 16boxes/ctn



LB002-6

Material: ABS, Blue
Size: 145 X 10 mm
Package: 100pcs/bag

Poly-Coated Mixing Pad

Maišymo padeliai



dengtas popierius

Used in conjunction with the spatula
Coated paper 128g/m²
Package: 50pcs/book

Pakuotė: 50 lapelių.

Ref.#	Size	Book/Box	Box/Ctn
LB022-1	2"x2"	10	60
LB022-2	3"x3"	10	24
LB022-3	3"x5"	5	32
LB022-4	4"x5.5"	5	24
LB022-5	4"x7"	5	20
LB022-6	5.5"x7"	5	18

Dydis: 7,5 x 7,5 cm

Model Base



LB029-1
Regular

Color: Blue,White,Yellow
Package: Regular: 6pcs/bag,30bags/ctn
Big: 9pcs/bag,14bags/ctn



LB029-2
Big

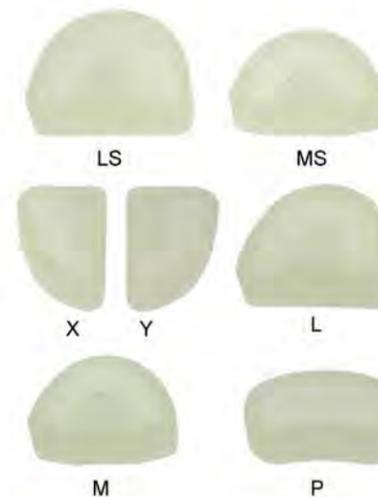
Ortho Study Model Molds

Give you nice looking models without the hassle and mess of model trimming. Glossy inner surface makes model separation easy and speeds clean-up. Built-in lingual contoured edge with gap for tray handle clearance. Thicker walls maintain their shape during vibration.



LB003A

Material: TPR
Package:6pcs/box, 30boxes/ctn



LB003B

Material: Medical Grade, TPE
Package: 6pcs/box, 30boxes/ctn

Ref.#	Size
LB003B-LS	83 X 55 X 23mm
LB003B-MS	76 X 53 X 23mm
LB003B-X	67X 49X 23mm
LB003B-Y	67X 49X 23mm
LB003B-L	88 X 59 X 23mm
LB003B-M	80 X 62 X 23mm
LB003B-P	81 X 41 X 23mm



14. P.D.

Interdental Maple Wood Wedges **Mediniai kaiščiai**

Made of maple wood from sustainably managed 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

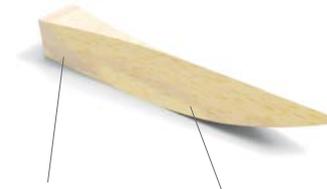
Įvairių dydžių:

Pakuotė: 100 vnt.

Content	Size	REF
200 pcs. Pinky Wood Wedges	11 mm (XS)	5011
1000 pcs. Pinky Wood Wedges	11 mm (XS)	5011+
100 pcs. Wood Wedges	12 mm (S)	5012
1000 pcs. Wood Wedges	12 mm (S)	5012+
100 pcs. Wood Wedges	13 mm (M)	5013
1000 pcs. Wood Wedges	13 mm (M)	5013+
100 pcs. Wood Wedges	15 mm (L)	5015
1000 pcs. Wood Wedges	15 mm (L)	5015+
100 pcs. Wood Wedges, assorted	(XS, S, M, L)	5001
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)	5001+

Additional products

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



Square end for a secure grip

Concave sides perfectly adapt along the entire cervical margin in the interdental space

Hemo-Wedge

Made of maple wood from sustainably managed Swiss forests, these interdental wedges ensure an optimal matrix adaptation along the entire cervical margin. Hemo-Wedges have a hemostatic effect.

- With hemostatic effect
- Five sizes



Content	Size	REF
200 pcs. Hemo-Wedge	11 mm (XS)	5020
100 pcs. Hemo-Wedge	12 mm (S)	5021
100 pcs. Hemo-Wedge	13 mm (M)	5022
100 pcs. Hemo-Wedge	15 mm (L)	5023
100 pcs. Hemo-Wedge	17 mm (XL)	5024
400 pcs. Hemo-Wedge, assorted	(XS, S, M, L)	5025

Macro-Wedge

Made of maple wood from sustainably managed Swiss forests, these very large interdental wedges ensure an optimal matrix adaptation along the entire cervical margin also in case of very deep cavities.

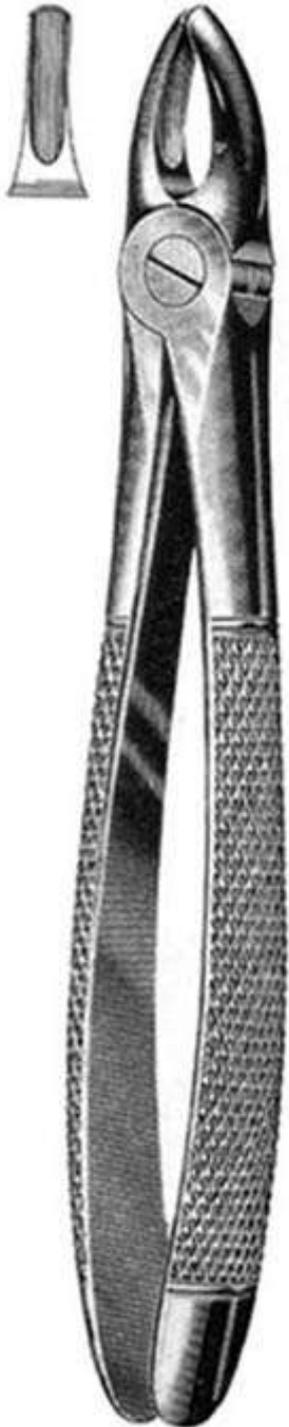
- For very deep cavities or extremely large interdental spaces
- With hemostatic effect
- Four sizes

Content	REF
105 pcs. Macro-Wedge, assorted (2.8mm - 3.2mm - 3.6mm - 4.0mm)	5030



Replès jvairios:

15. P.D.



101
Fig.1
Upper centrals
& canines



102
Fig.2
Upper laterals
& bicuspids



103
Fig.3
Upper incisors
& canines



104
Fig.4
Lower incisors
& canines



105
Fig.7
Upper primolars



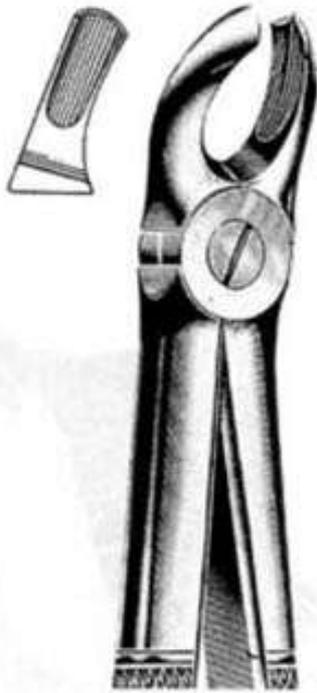
106
Fig.8
Lower primolars



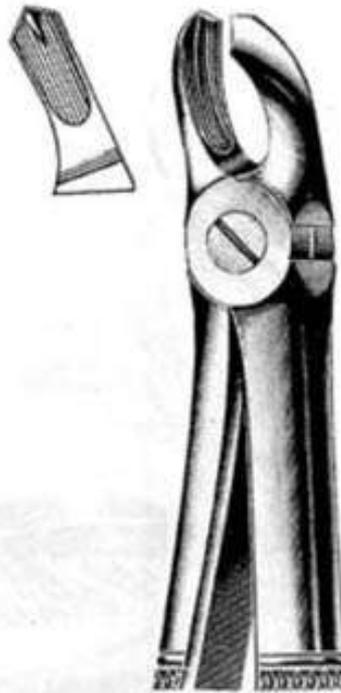
107
Fig.13
Lower primolars



108
Fig.17
Right upper molars



109
Fig.18
Left upper molars



110
Fig.18A
Upper molars



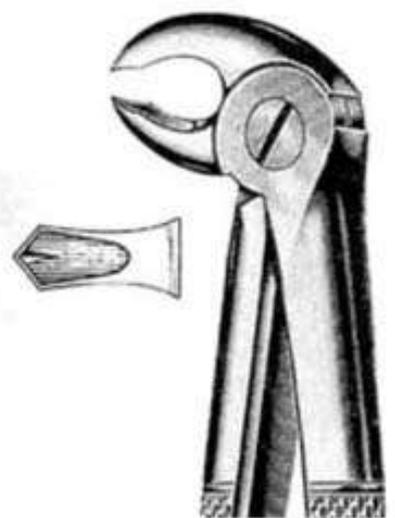
111
Fig.19
Upper wisdoms



112
Fig.20
Lower wisdoms



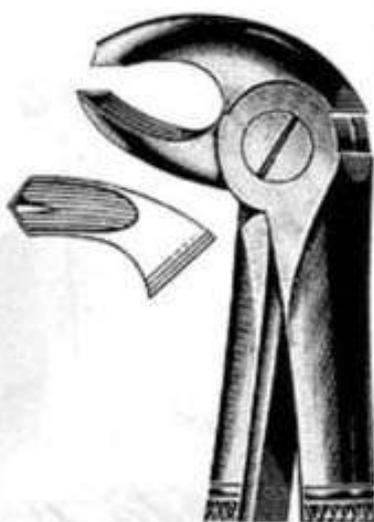
113
Fig.21
Lower molars



114
Fig.22
Lower molars
Hawk's bills



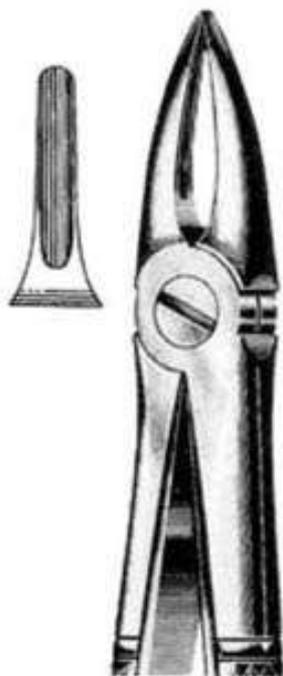
115
Fig.23
Right lower molars



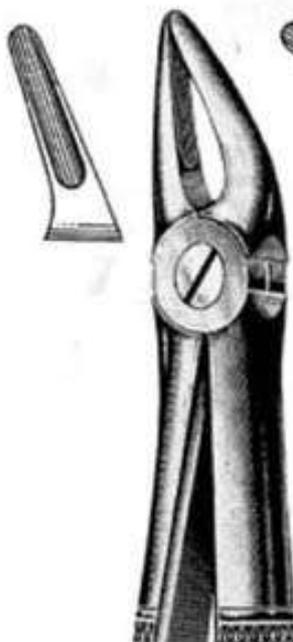
116
Fig.24
Left lower molars



117
Fig.29
Upper root & incisors



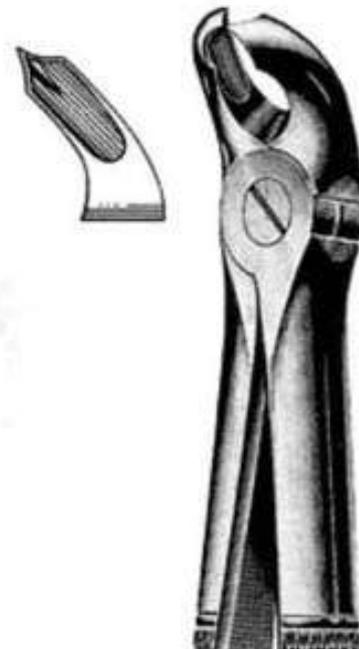
118
Fig.29N
Roots of upper incisors



119
Fig.30
Upper roots & incisors



120
Fig.31
Lower roots



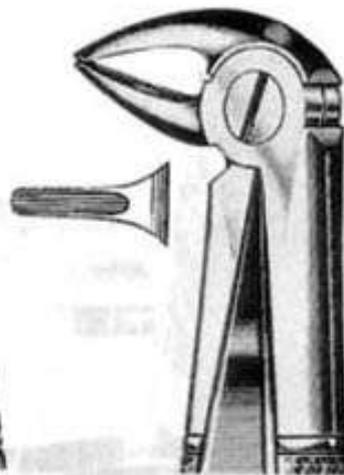
121
Fig.32
Lower molars



122
Fig.33
Lower roots



123
Fig.33A
Lower roots



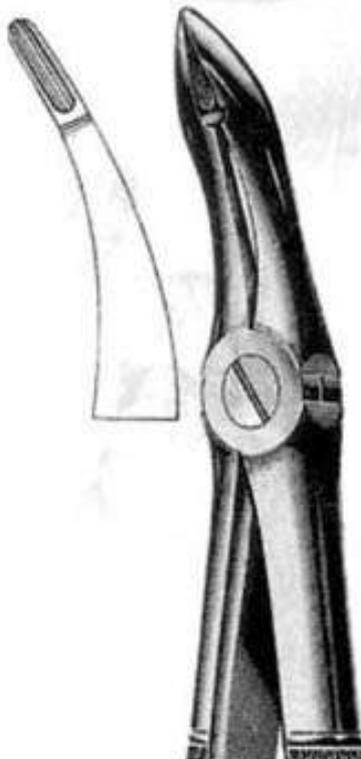
124
Fig.33C
Lower roots



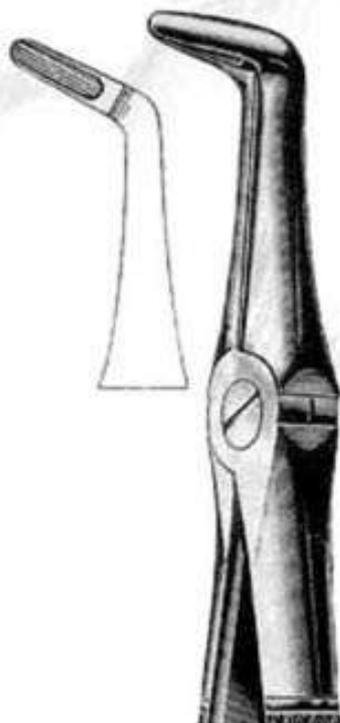
125
Fig.33M
Lower roots with long beak



126
Fig.41
Upper roots



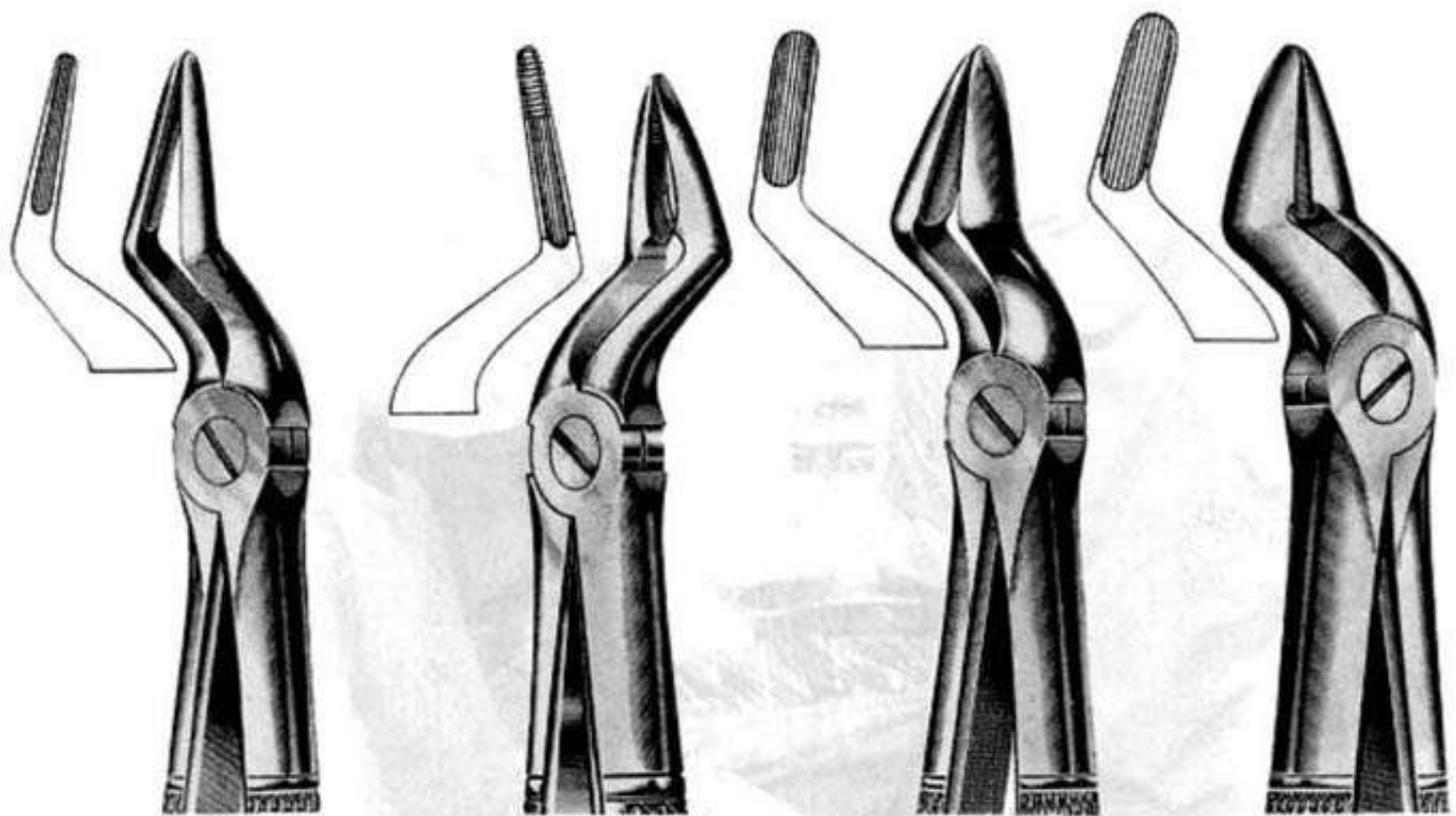
127
Fig.44
Upper roots



128
Fig.45
Lower roots



129
Fig.51
Upper roots

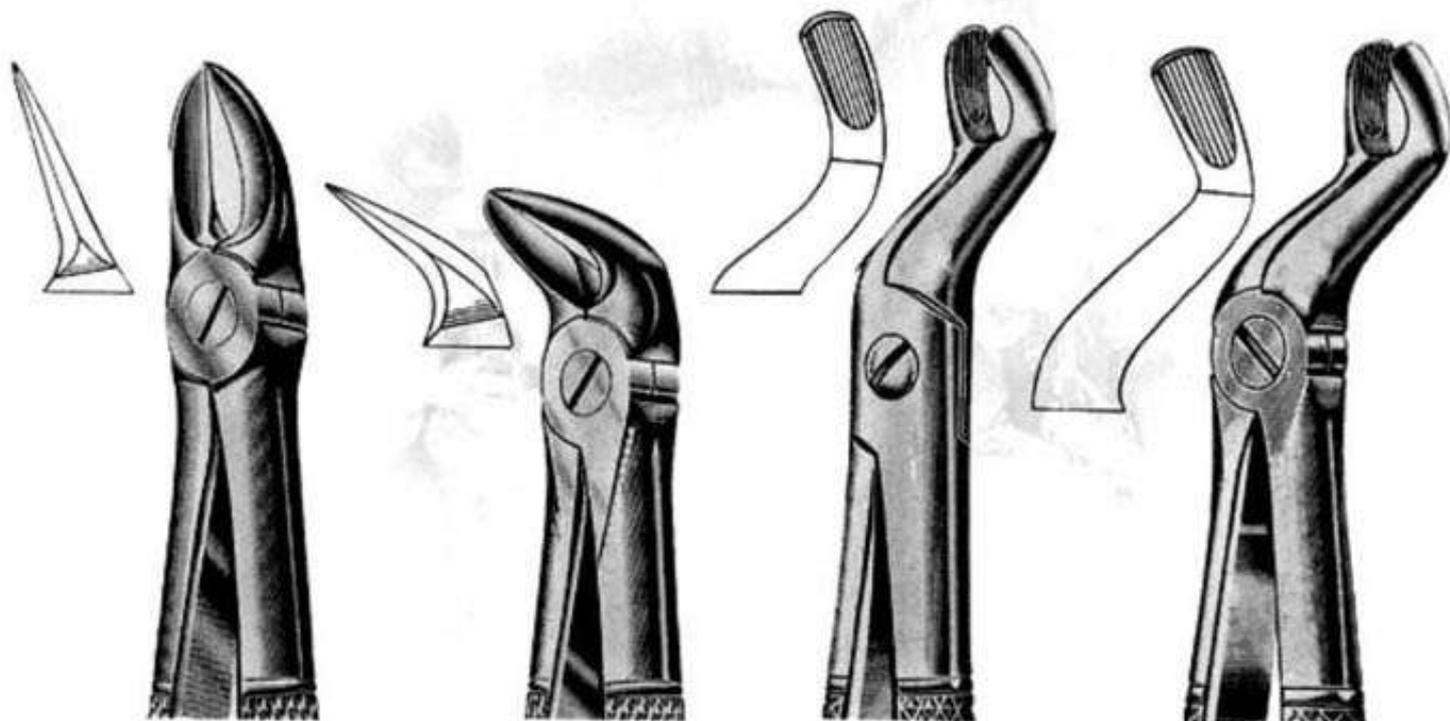


130
Fig.51A
Upper roots narrow beak

131
Fig.51C
Upper roots

132
Fig.52
Upper roots & canines
with wider beak

133
Fig.52A
Upper teeth & resection



134
Fig.55
Separating upper molars roots

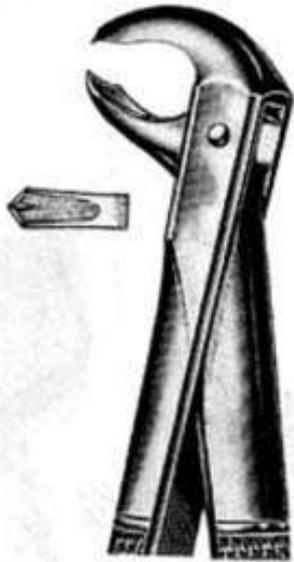
135
Fig.56
Separating lower molars roots

136
Fig.67
Upper wisdoms

137
Fig.67A
Upper wisdoms



138
Fig.68
Lower roots



139
Fig.73
Lower molars (hawk's bill)



140
Fig.74
Lower incisors & roots



141
Fig.74M
Lower incisors & roots



142
Fig.74N
Lower incisors & roots



143
Fig.75
Lower premolars & canines



144
Fig.76
Upper roots



145
Fig.76N
Upper roots
Narrow beak



146
Fig.79
Lower wisdoms



147
Fig.79A
Lower wisdoms



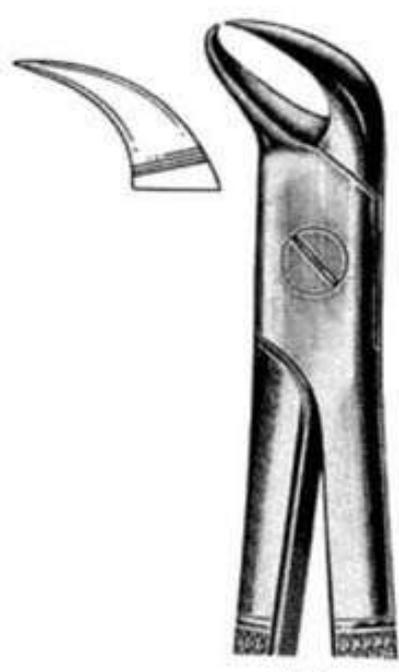
148
Fig.86A
Lower molars



149
Fig.86B
Lower molars



150
Fig.86C
Lower molars



151
Fig.87
Cowhorn beak



152
Fig.89
Right upper molars



153
Fig.9
Left upper molars



Manufacturers & Suppliers of Surgical, Dental,
Manicure And Fishing Instruments.

ALL THE ZONA INDUSTRIES INSTRUMENTS/PRODUCTS ARE:

- made of stainless steel pagaminti iš nerūdijančio plieno
- are reusable
- are resistant to disinfection and sterilization atsparūs dezinfekcijai ir sterilizacijai
- do not change any colors due to chemical disinfectants
- are sterilized at 135°C temperature sterilizuojami iki 135 laipsnių temperatūros

ZONA INDUSTRIES

Export Manager

EXPORT REGISTRATION NO : W - 104626
SALES TAX NO. 09-05-9018-762-28
N.T.N : 1320485-8

**Certified ISO 9001:2008
ISO 13485:2003
CE Marked.**



• Pul Aik, Aminabad Road,
Sialkot - 51310- Pakistan.

☎ 0092 - 52 - 3522403
☎ 0092 - 52 - 3522406

✉ zona@zona.com.pk
✉ zona@brain.net.pk
🌐 ww.zona.com.pk

**BANKERS: Habib Bank Ltd.
Habib Metropolitan Bank Ltd.**

ROOT ELEVATORS

16. P.D.

Šaknų elevatoriai, įvairūs:



239
Fig. 1B
Bein



240
Fig. 2B
Bein



241
Fig. 3B
Bein



242
Fig. 4B
Bein



243
Fig. 5B
Bein



244
Fig. 6B
Bein



245
Fig. 4SA
Schmecke-
bier-Apexo



246
Fig. 5SA
Schmecke-
bier-Apexo



247
Fig. 34S
Seldin



248
Fig. 34
Seldin



249
Fig. 2S
Seldin



250
Fig. 3S
Seldin



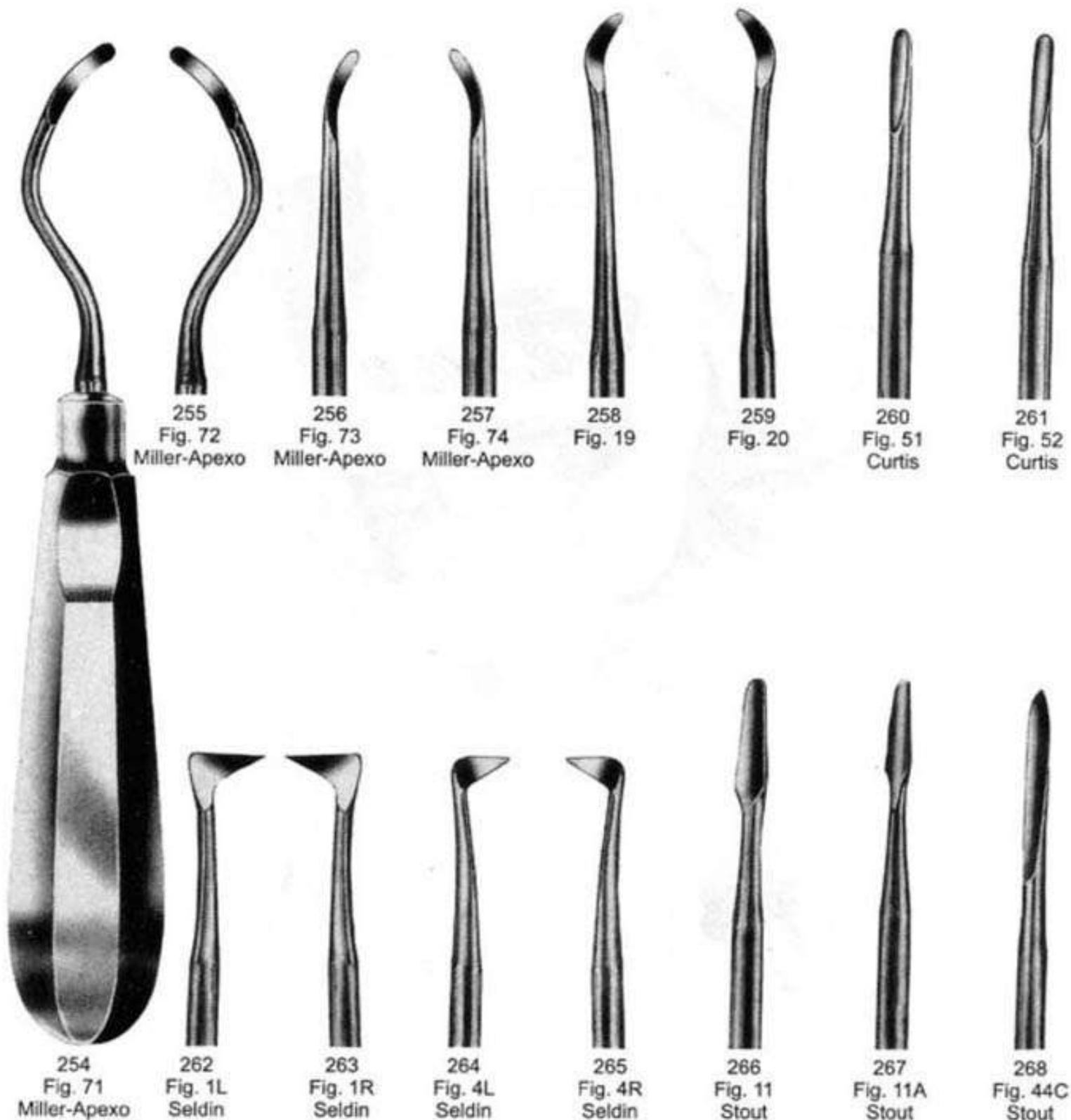
251
Fig. 1F
Flohr



252
Fig. 2F
Flohr



253
Fig. 3F
Flohr





269
Fig. A
Cogswell



270
Fig. B
Cogswell



271
Fig. 301
Apexo



272
Fig. 302
Apexo



273
Fig. 303
Apexo



274
Fig. 301W
Seldin



275
Fig. 304W
Seldin



276
Fig. 1H
Heidbrink



277
Fig. 2H
Heidbrink



278
Fig. 40H
Heidbrink



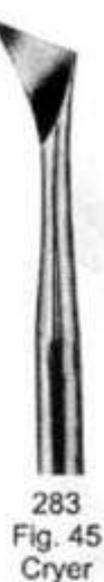
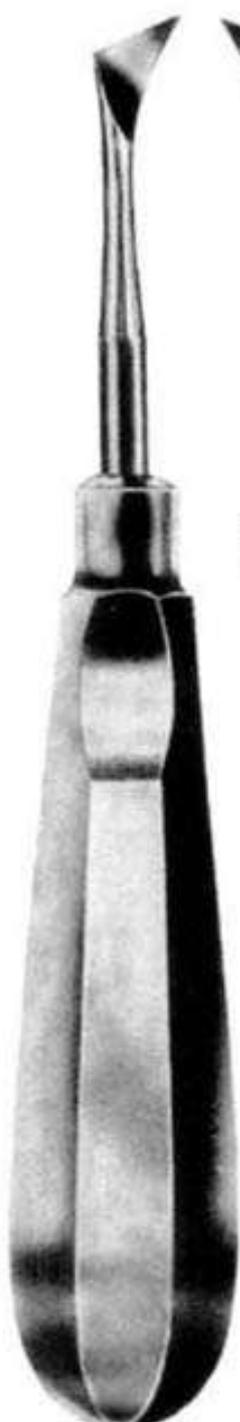
279
Fig. 41H
Heidbrink



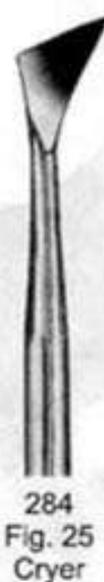
280
Fig. 46



281
Fig. 46R



283
Fig. 45
Cryer



284
Fig. 25
Cryer



285
Fig. 26
Cryer



286
Fig. 31
Cryer



287
Fig. 32
Cryer



288
Fig. 80



289
Fig. 81



290
Fig. 81A



291
Fig. 81E



292
Fig. 190



293
Fig. 191



294
Fig. 23

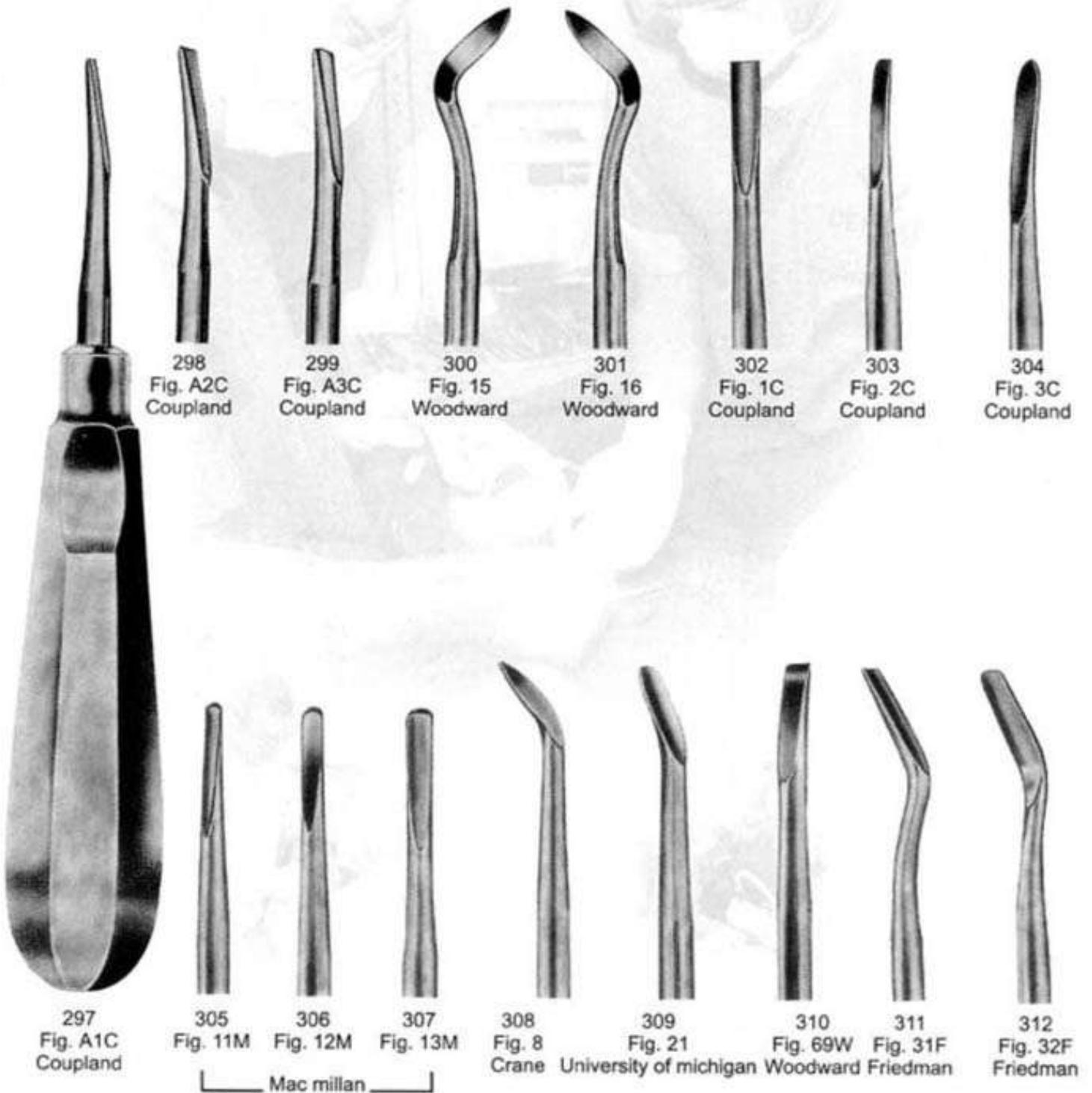


295
Fig. 24



296
Fig. 98

282
Fig. 44
Cryer





313
Fig. 1
Bein



314
Fig. 2
Bein



315
Fig. 3
Bein



316
Fig. 4
Bein



317
Fig. 5
Bein



318
Fig. 6
Bein



319
Fig. 1



320
Fig. 2



321
Fig. 2
Flohr



322
Fig. 3
Flohr



323
Fig. 3
Cryer



324
Fig. 8
Cryer



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🌐 ww.zona.com.pk

**BANKERS: Habib Bank Ltd.
Habib Metropolitan Bank Ltd.**

18.1; 18.2 P.D.

Geared Angle Handpieces

1:1 DIRECT DRIVE CONTRA ANGLE

1:1 Direct drive

Low speed handpiece: 1:1 direct drive
 Chuck type: push button
 Spray: Inner channel
 Bur applicable: Ø2.35_{±0.01}mm
 Rotation speed: MAX40,000rpm

New upgrade, new integrated head

Perdavimo santykis: 1:1

Aušinimas: vidinis



Model: **CX235-1C**
 Order code: **C-1C**
 LED LIGHT



Model: **CX235-1E**
 Order code: **C-1E**
GENERATOR

Šviesos generatorius



Model: **CX235-1B**
 Order code: **C-1B**



Model: **CX235C1**
 Order code: **C1-1**

INNER CHANNEL/EXTERNAL STRAIGHT HANDPIECE

1:1 Direct drive

Low speed handpiece: 1:1 direct drive
 Spray: Inner channel or External
 Bur applicable: For surgical Ø2.35_{±0.01}mm
 Rotation speed: MAX40,000rpm

Straight Handpieces



Order code: **S-2S**
 surgical operation 20°
 straight head



Order code: **S-2S2**
 surgical operation
 straight head



Model: **CX235-2C**
 Order code: **S-2C**
 Optic fiber

INNER CHANNEL



Model: **CX235-2B**
 Order code: **S-2B**



Model: **CX235-2F**
 Order code: **S-2F**



Model: **CX235-2A**
 Order code: **S-2A**

EXTERNAL



Model: **CX235-2**
 Order code: **S-2**

AIR MOTOR

Air Motors

Spray: Inner channel or External
 Hole type: 6 hole or 4 hole or 2 hole
 Rotation speed: 20,000rpm



Model: **CX235-3C**
 Order code: **M-3C**
 Optic fiber

INNER CHANNEL



Model: **CX235-3B**
 Order code: **M-3B-4**
M-3B-2



Model: **CX235-3F**
 Order code: **M-3F-4**
M-3F-2

EXTERNAL



Model: **CX235-3F**
 Order code: **M-3M4**

External



RED DETECTOR

23. P.D.

Home / Restorative dentistry / RED DETECTOR

Caries detector

Karieso detektorius



RED DETECTOR is intended for locating caries lesions.

Red dye in the product permeates the tissue with caries lesions and dyes it red. RED DEECTOR increases safety of work by locating the carious dentine and saving the healthy tissues.

Produktas Red Detector yra skirtas aptikti ęduonies židinius.
Padidina darbo saugumą, leidžia aptikti ęduonies židinius ir išsaugoti sveikus audinius.

Ingredients:

4-ethylo rhodamine, propylene glycol, surfactants

Available packages:

- syringe of 2 ml + disposable brush applicators

Pakuotė: 2 ml švirkšte

Instruction for use RED DETECTOR



Categories: Other products, Restorative dentistry

ARTICULATING PAPER

24. P.D.

Artikuliacinis popierius

ARTICULATING PAPERS 80 micrones

storis: 80 mikronų

Used for determining occlusion and articulation disturbances of natural teeth or prosthetic appliances in dental surgeries and laboratories.

Natūralių ir protezinių dantų sąkandžio nukrypimų nustatymui odontologinių procedūrų metu bei laboratorijose.

REF 0100	articulating paper, blue, 12 pads of 10 sheets
REF 0101	articulating paper horseshoe, blue, 6 pads of 10 sheets
REF 0102	articulating paper, blue-red, 12 pads of 10 sheets
REF 0103	articulating paper horseshoe, blue-red, 6 pads of 10 sheets
REF 1001	articulating paper, red, 12 pads of 10 sheets
REF 1002	articulating paper horseshoe, red, 6 pads of 10 sheets

dvipusis; pakuotė: 120 lapelių.



OCCLUSION SPRAY

For marking the contact points on prosthetic items on the master model in dental laboratory and finished prosthetic works in dental surgery.

REF 092	red	75 ml
REF 093	green	75 ml



CE

MODELING WAX - EXTRA HARD

The wax is hard and breakable at room temperature but soft and adapted at the temperature above 40°C. It is suitable for taking bite registration and also for waxing - up in removable prosthetic, especially in warm places.



REF 0187 thickness 1,5 cm 500g

WAX HORSESHOE FOR BITE REGISTRATION

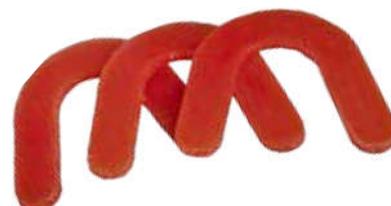
Reinforced with gauze from entirely natural wax.

REF 0243 wax horseshoe for bite registration

Contents: 20 horseshoes



CE



Monoart[®] Evolution Evolution Orange Glasses

25.1. P.D.



Glasses for staff and patients with a lightweight, modern design. The temples are made from over-moulded material and feature a memory system that keeps them in the desired shape. Equipped with a non-slip rubber nose bridge for maximum comfort. Available in two versions:

- **Evolution:** transparent lens made of heavy-duty polycarbonate that protects against impacts and UV rays.
- **Evolution Orange:** orange lens is made of heavy-duty polycarbonate that protects against impacts, UV rays and blue light (525 nm).

Gaubtas oranžinis lęšis, apsaugantis nuo UV spindulių ir mėlynos šviesos (525 nm).



Colours:

Evolution: white and grey frame

Evolution Orange: black and orange frame



Weight:

37 g

Monoart[®] FitUp Glasses

Enveloping glasses for operators, guaranteeing maximum protection and visibility. Complete with temples adjustable in length and tilt and a soft, non-slip nose bridge, FitUp glasses stand out thanks to their exceptional comfort and fit. High-strength lenses with anti-fog and anti-scratch treatment. Available in two colours: see-through green frame or see-through pink frame.



Colours:

FitUp Pink: transparent and pink frame

FitUp Green: transparent and green frame



Weight:

25 g

Premier Face Mask With Shield Anti Fog

EN 14683 TYPE IIR

- PB003-1 Earloop
- PB003-2 Tie-on

BFE≥98%
 Fluid Resistance:120mmHG
 Size: 17.5x9.5cm(±0.2cm)
 Package: 20pcs/box,20boxes/ctn
 Color:



Premier Face Mask With Shield Anti Fog

ASTM F2100 LEVEL 3

- PB003A-1 Earloop
- PB003A-2 Tie-on

BFE≥98% , PFE≥98%
 Fluid Resistance:160mmHG
 Size: 17.5x9.5cm(±0.2cm)
 Package: 20pcs/box,20boxes/ctn
 Color:



Face Mask With Pattern

BFE≥98%

Fluid Resistance:120mmHG
 Size: 17.5x9.5cm(±0.2cm)
 Package: 50pcs/box,40boxes/ctn
 Printing: PB001P-1 Non-woven printing
 PB001P-2 Spunlace printing



Soft Children Face Mask

BFE≥95%

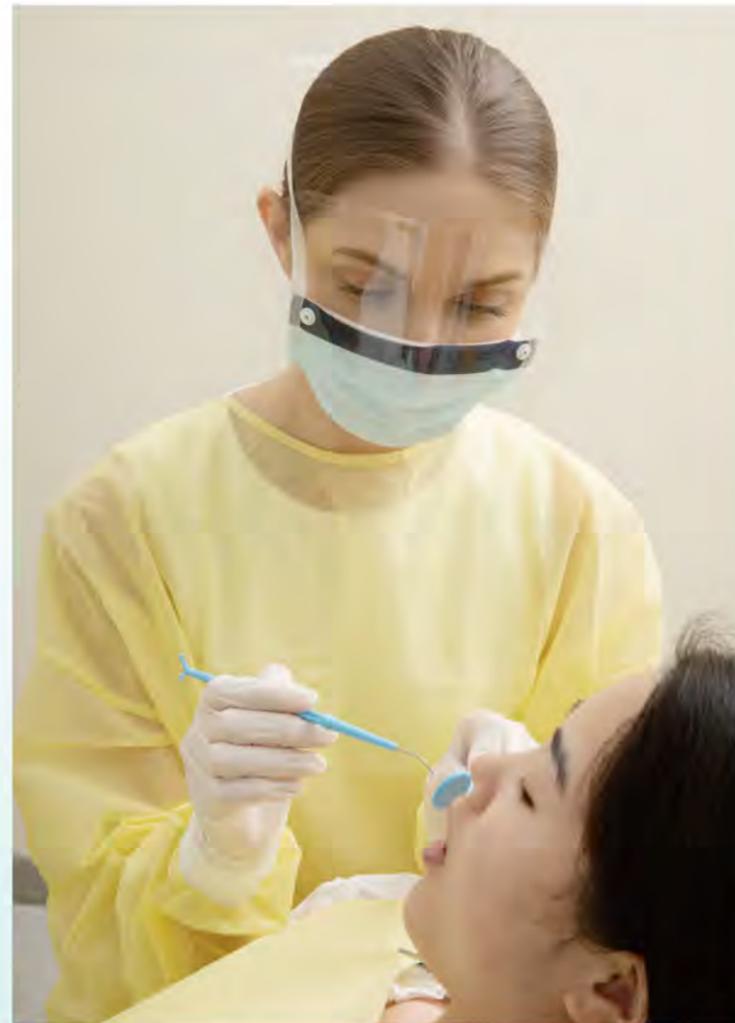
Ref.# PB004
 3-ply
 Size: 14.5 X 9.5cm (±0.2cm)
 Package: 50pcs/box,20boxes/ctn
 Color:



Soft Children Face Mask With Pattern

BFE≥95%

3-ply
 Size: 14.5 X 9.5cm (±0.2cm)
 Package: 50pcs/box,20boxes/ctn
 Printing: PB004P-1 Non-woven printing
 PB004P-2 Spunlace printing



Protection Organizer

Material: Acrylic

Simple Glove Dispenser

- PB031-1 One layer, 245 X 130 X 100mm
- PB031-2 Two layers, 245 X 130 X 190mm
- PB031-3 Three layers, 245 X 130 X 280mm



Glove Dispenser(round open)

- PB032-1 One layer, 257 X 105 X 140mm
- PB032-2 Two layers, 257 X 105 X 273mm
- PB032-3 Three layers, 245 X 105 X 406mm



Combination Dispenser

PB033 425 X 110 X 640mm



25.2. P.D.

Apsauginis skydelis

skaidrus

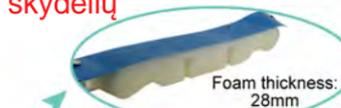
Pakuotė:
1 galvos rėmelis + 10 skydelių

High-Distinct Face Shield



PB006A Color:

Optically clear, no distortion.
 Package: 1 head frame + 10 pcs shield/box



Foam thickness: 28mm



PB006B

Optically clear, no distortion.
 Package: 200 pcs/plastic bag



PB008B Color:

Optically clear, no distortion.
 Package:1pc frame + 5pcs shield/box



PB011-6 Color:

Package:10pcs/box,20boxes/ctn

Eye Shield



PB008 Color:

Optically clear, no distortion.
 Package: 1 pc frame + 10 pcs shield/box



PB009 Color:

Protect eyes from spray and spatter
 Package: 10 pcs frame + 10 pcs shield/bag

See-Clear Eyewear



PB010-5A PB010-1B

Package: 12pcs/box



PB011-1O PB011-1C

Package: 12pcs/box



PB010G
 Material: PC glass
 Function: 99% Ultraviolet blocking. Anti-chemical, Anti-impact, Anti-fog
 Tie Color: Black, White
 Package: 1pc/bag,10pcs/box, 20boxes/ctn

Ref.#	Description
PB010G-1	without hole
PB010G-2	with hole

We offer both clear protective safety glasses and UV protective safety glasses. No-distortion.Both are made of single piece polycarbonate lens construction.The unique spherical design delivers a distortion-free view even in peripheral vision areas.These glasses are secure and have a comfortable fit even when wearing over prescription glasses.They are economic choice while still providing needed safety precautions.The UV glasses prevent more than 99% of UV and dangerous blue light (up to 540nm).

DISPOSABLE DENTAL TOOLS / SAFETY GLASSES



DISPOSABLE DENTAL TOOLS MOUTH MIRROR, EXPLORER, FORCEP

Features:

Sterilized by Gamma.
Contents are sterile and non-toxic,
non-pyrogenic in unopened, undamaged package

Item No. 07053 (mirror, explorer, forcep) in one
07052 (mirror,explorer) in one
07055 Mirror
07056 Explorer C
07057 Forcep

EASY VISOR-FACE PROTECTOR

Light, No Fogging, Comfortable & Harmless to Environment

Features:

Made of super transparent & environment protective PET material, which makes good clearness.
Capability of 120° rotary makes convenient and reasonable operation.
Super light frame makes comfortable wearing.
Provided with flexible device to adapt to different needs.



07031

Item No. 07031 1-Frame+5pcs. Shield+color box
07032 2-Frame (color box) + 100 pcs. Shields (box)
07033 1-Frame + 20-Shields



07042

07042W White 1-Frame + 10-Shields
07042B Blue 1-Frame + 10-Shields
07042-1 10-Shields

SAFETY GLASSES

Apsauginiai akiniai

25.3. P.D.



skaidrūs

B501

B501-ORANGE

B506

B507

B507-ORANGE

Item No.08090 -B501

08090 -B501-Orange

08090 -B506

08090 -B507

08090 -B507-Orange

MODEL TRAYS

Features:

Can offer 6 different colors for easy distinction.
Easy spring design to hold instruction slip.
Large size container design.



Item No.04040-Tray Only

04041-Red/set

04042-Blue/set

04043-Yellow/set

04040-1 to 6 pannel only

04044-White/set

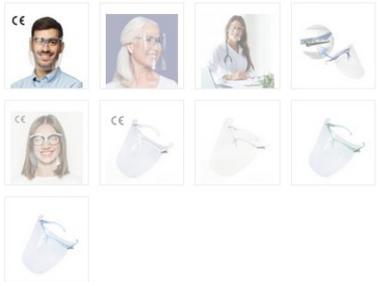
04045-Green/set

04046-Black/set

Protective visors COMFORT STANDARD + set of 5 foils Home / Protective visors and glasses / Protective visors COMFORT STANDARD + set of 5 foils

Apsauginīs skydelis-akiniai

25.4. P.D.



Protective visor reduces the risk of infections that are transferred by air and protects against the effects of lesser harmful particles.



Personal protective equipment

Available package:

Each set is composed of a frame and a set of 5 reusable and washable foils.

Available colours:

- transparent
- white
- pink
- green
- blue
- beige

Instruction for use PROTECTIVE VISOR

Categories: Protective visors, Personal Protective Equipment, Protective visors and exchangeable foils, Protective visors and glasses

Properties

- Perfect protection and comfort of work for every user.
- Comfortable and elastic frame ensures wide range of sight not preventing any movements.
- Modern design.
- Ergonomic shape.
- Extremely light.
- High braking resistance.
- Elastic, compression free frame easily adapting to the face.
- **Two metal, "crocodile" clips holding firmly.** **su dviem metaliniais laikikliais šonuose, kurie laiko skydelį**
- Thin antistatic foils (STANDARD 5 pieces in one packet) ensuring perfect vision and long life time.
- Set of antistatic, exchangable foils (5 pcs STANDARD) in each set.
- Stable and safe packaging.
- The frame was designed in such a way that people wearing corrective glasses will also be able to use them. This is a feature not found in any other type of a protective masks on the market!!! **ypatingai skaidrūs**
- **The foils have the highest transparency parameter - 99,75%** and are washable.
- The high quality of the used material makes the whole visor extremely resistant and very light at the same time.
- The visor does not pose any additional weight for the head and the spine during many hours of work.
- The highest quality of this product is related to the lowest price on the market.
- Size: Width 21,5cm, Height 16,5cm

Meets the requirements of PN-EN 166:2005 in the scope of:

- light transmission coefficient (p. 7.1.2.2.1)
- spherical optical power (p. 7.1.2.1.2 for 1st class of optical performance)
- astigmatism (p. 7.1.2.1.2 for optical class 1)
- difference in prismatic powers (p. 7.1.2.1.2)
- field of view (p. 7.1.1)
- side protection (p. 7.2.8)
- protection against liquid splashes (p. 7.2.4)

PL

PRZYŁBICA OCHRONNA



INSTRUKCJA UŻYCIA WYROBU

PRZEZNACZENIE

Przyłbica ochronna zmniejsza ryzyko związane z zakażeniami przenoszonymi drogą kropelkową, chroni przed działaniem mało szkodliwych czynników mechanicznych.

SPOSÓB MOCOWANIA

Delikatnie wyjąć folię, unikając zabrudzenia i zarysowania. Umieścić szersze końce arkusza folii w uchwytach po bokach oprawki okularowej. W przypadku Przyłbicy Doczepianej umieścić arkusz folii na okularach korekcyjnych za pomocą zamocowanych klipsów.

Mocować folię, gdy oprawka/okulary są rozłożone.

Wysokość oraz odchylenie folii można regulować indywidualnie.

Nie należy składać oprawki/okularów z zamocowaną folią, przed złożeniem folię należy wypiąć.

UWAGA: oprawki wykonane są z materiału termoplastycznego, można je więc dogiąć i modelować według indywidualnych potrzeb po zanurzeniu w gorącej wodzie.

KONSERWACJA

Po zabrudzeniu wypiąć folię z oprawki/okularów, myć w ciepłej wodzie z dodatkiem detergentu, spłukać i pozostawić do wyschnięcia. Nie wycierać. Pozwala to na zachowanie dobrej przejrzystości Przyłbicy Ochronnej umożliwiającej bezpieczną pracę. Folię można użyć ponownie. Zaleca się dezynfekcję oprawki.

W przypadku pojawienia się na folii zarysowań lub zmatowienia, będącego wynikiem zużycia – folię należy wyrzucić i użyć kolejnego arkusza.

Producent nie ponosi odpowiedzialności za konsekwencje użycia wyrobu niezgodnie z instrukcją i przeznaczeniem.

OPAKOWANIE ZAWIERA (możliwe warianty)

1. PRZYŁBICA COMFORT - oprawka okularowa z metalowymi klipsami
+ zestaw wymiennych folii
2. PRZYŁBICA COMFORT LIGHT - oprawka okularowa z plastikowymi zaczepami
+ zestaw wymiennych folii
3. PRZYŁBICA DOCZEPIANA do okularów korekcyjnych - zestaw folii z zamocowanymi klipsami do zamocowania na okularach korekcyjnych.

EN

PROTECTIVE VISOR



INSTRUCTION FOR USE

INTENDED USE

Protective visor reduces the risk of infections that are transferred by air and protects against the effects of lesser harmful particles.

METHOD OF ASSEMBLY

Remove the foil carefully, avoid contamination and scratches. Insert wider edges of the foil into the clips on the both sides of the frame. In case of the visor attached to corrective eye glasses place the foil directly on the sides of corrective eye glasses by means of the clips affixed on the foil.

Fix the foil when the frame of corrective glasses unfolded.

The foil can be individually adjusted to suit the user.

Do not fold the spectacle frame/ eye glasses with the visor foil attached; take off the foil before folding.

NOTICE: **Visors are made of thermoplastic material.** To shape the visor to a desired shape, soak in hot water beforehand and then shape as required.

MAINTENANCE

Remove contaminated foil from the spectacle frame/eye glasses, wash it in warm water adding some detergent and let it dry. Don't wipe. It lets keep good transparency of Protective Visor and enables safety work. Sheet can be reused. It is recommended to disinfect the spectacle frame.

If any scratches or blurring occur as result of use, discard the foil and use another sheet of replaceable foil.

Manufacturer does not take any responsibility for using the visor in a manner not in accordance with instructions or intended use.

CONTENTS OF SET (variants possible)

1. COMFORT VISOR – spectacle frame with metal clips
+ set of exchangeable foils
2. COMFORT LIGHT VISOR – spectacle frame with plastic clips
+ set of exchangeable foils
3. VISOR ATTACHED to corrective eye glasses – set of foils with attached clips for fitting to corrective eye glasses.



PPH CERKAMED Wojciech Pawłowski
37-450 Stalowa Wola, Poland
ul. Kwiatkowskiego 1
Tel/fax +48 15 842 35 85

Data ostatniej aktualizacji/Last update: 08.04.2020/3

26. P.D.

MAINTENANCE PRODUCTS FOR STRAIGHT/CONTRA-ANGLE HANDPIECES/TURBINES

HS Maxima® Oil Spray Tepalas įvairiems antgaliams

Universal cleaning and maintenance spray for straight and contra-angle handpieces, air, and ball-bearing turbines. CFC free. Does not include a spray attachment.

Content	Barcode	Art.-no.
500 ml (without adapter)		9001570

Pakuotė: 500 ml



HS S-Spray

Universal spray for cleaning and maintaining turbines, straight and contra-angle handpieces. Ball-bearing turbines. CFC free. Does not include a spray attachment.

Content	Barcode	Art.-no.
250 ml		9003292



HS Maxima® Oil Spray Adapter

Maxima Oil Spray Adapter is suitable for various couplings and turbines.

Content	Barcode	Art.-no.
For coupling with INTRAmatic (contra-angle handpiece)		9799531
For coupling with RotoQuick (W&H)		9799532
For coupling with Multiflex (KaVo).		9799533
For ISO couplings (universal)		9799534



ULTRASONIC CLEANING

HS Ultrasonic Cleaning Device sweep 2000 (4.0 liters)

The HS Ultrasonic Cleaning Device sweep 2000 is a piece of equipment with state-of-the-art technology in accordance with European Standards. Particularly noteworthy are the automatically locking lid, the larger drain, the hanging basket, which allows draining without manual intervention, and the digital control panel. The housing is easy to clean. The device is ideal for cleaning processes in dental practices and laboratories. The lid ensures a closed cleaning cycle and very low noise. Sweep technology, 4-liter capacity.

Technical data: Power consumption: 95 W, heater: 55 W, timer: 30 minutes digital, dimensions (W x H x D): 31.8 x 31 x 17.8 cm, net weight: approx. 4 kg

Dimensions	Barcode	Art.-no.
(W x H x D): 31.8 x 31 x 17.8 cm		9006375



HS Plaster Solvent

Ready-to-use cleaner with high solvent power. HS Plaster Solvent removes plaster and investment containing gypsum and is suitable for use in ultrasonic baths.

Caution: Discoloration may occur when used on surfaces containing nickel.

Content	Barcode	Art.-no.
2 liters		9883775



ARTICULATING PAPER

ARTICULATING PAPERS 80 micrones

Used for determining occlusion and articulation disturbances of natural teeth or prosthetic appliances in dental surgeries and laboratories.

REF 0100	articulating paper, blue, 12 pads of 10 sheets
REF 0101	articulating paper horseshoe, blue, 6 pads of 10 sheets
REF 0102	articulating paper, blue-red, 12 pads of 10 sheets
REF 0103	articulating paper horseshoe, blue-red, 6 pads of 10 sheets
REF 1001	articulating paper, red, 12 pads of 10 sheets
REF 1002	articulating paper horseshoe, red, 6 pads of 10 sheets



CE

30. P.D.

OCCLUSION SPRAY

Purškiamo kalkė

For marking the contact points on prosthetic items on the master model in dental laboratory and finished prosthetic works in dental surgery.

REF 092	red	75 ml
REF 093	green	75 ml

žalia; pakuotė: 75 ml



CE

MODELING WAX - EXTRA HARD

The wax is hard and breakable at room temperature but soft and adapted at the temperature above 40°C. It is suitable for taking bite registration and also for waxing - up in removable prosthetic, especially in warm places.



CE

REF 0187 thickness 1,5 cm 500g

WAX HORSESHOE FOR BITE REGISTRATION

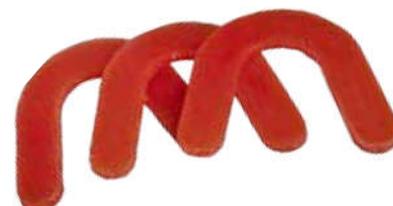
Reinforced with gauze from entirely natural wax.

REF 0243 wax horseshoe for bite registration

Contents: 20 horseshoes



CE



32.1. 32.2. 32.3. P.D.

Harvard cementas normalaus kietėjimo

Harvard Cement normal setting

Zinc phosphate cement for permanent luting of crowns and bridges and for lining. cinko fosfatinis cementas naudojamas pastoviam cementavimui

Properties

- High compressive strength
- Low film thickness
- Good biocompatibility
- Easy and safe application
- Unmatched price performance ratio
- No curing shrinkage



35 / 100 g 15 / 40 ml Skystis: 40 ml

Milteliai: 100 g



The classic!
Clinically proven since 1892

Harvard Cement quick setting

Zinc phosphate cement with reduced setting time for permanent luting of crowns and bridges.

Properties

- Fast setting
- High compressive strength
- Low film thickness
- Good biocompatibility
- Easy and safe application
- Unmatched price performance ratio
- No curing shrinkage

Short setting time!



35 / 100 g

15 / 40 ml

Harvard Cement OptiCaps®

Zinc phosphate cement in capsules for permanent luting of crowns and bridges.

Properties

- Consistent application with only 10 seconds mixing time
- Direct and precise application of creamy, Homogeneous cement on the restoration
- Avoids mistakes in mixing and dosing
- Sufficient for luting of 1 - 2 crowns from each capsule



à 0.5 g



Optimal consistency & easy Handling

Harvard Polycarboxylat Cement

Polycarboxylatzement zur definitiven Befestigung und Unterfüllung.

Properties

- Non irritant for sensitive teeth
- Less irritant to the pulp than
- Easy and safe application
- Unmatched price performance ratio



35 / 100 g

15 / 40 ml

Indications of Harvard Cement

- For permanent luting of crowns and bridges, inlays and onlays on natural core and for luting supraconstructions on implants. For crowns, bridges, inlays and onlays made of:
 - zirconia
 - aluminium oxide
 - lithiumdisilicate
 - silicate
- for conventional gold and non-precious metals

Harvard Cement normal setting additional qualified:

- For temporary fillings in posterior teeth
- As liner for all types of filling materials

Indications of Harvard Polycarboxylat Cement

- Indications of Harvard Polycarboxylat Cement For permanent luting of crowns and bridges, inlays and onlays on natural core and for luting supraconstructions on implants. For crowns, bridges, inlays and onlays made of:
 - zirconia
 - aluminium oxide
 - lithiumdisilicate
- for conventional gold and non precious metals
- For temporary fillings in posterior teeth
- As liner for all types of filling materials

TUNGSTEN CARBIDE CUTTERS VERDENT

PHOTO ZDJĘCIE ФОТОГРАФИЯ FOTOGRAFÍA	CODE KOD КОД CÓDIGO	DESCRIPTION OPIS ОПИСАНИЕ DESCRIPCIÓN	USAGE ZESTOSOWANIE ПРИМЕНЕНИЕ USO
	XEF	superfine crosscut / drobne krzyżowe nacięcia / супермелкая крестообразная нарезка / superfinos cortes cruzados	ceramic, gold and precious metal alloys / ceramika, złoto oraz stopy metali szlachetnych / керамика, золото и сплавы из драгоценных металлов / cerámica, oro y aleaciones de metales preciosos taurijų metalų lydiniai, chromo-nikelio lydinys, plienas
	XF	fine crosscut / drobne krzyżowe nacięcia / мелкая крестообразная нарезка / finos cortes cruzados	precious metal alloys, chrome-nickel alloy, steel, ceramic / stopy metali szlachetnych, stop chromu i niklu, stal, ceramika / сплавы из драгоценных металлов, хромоникелевые сплавы, сталь, керамика / aleaciones de metales preciosos, aleaciones de cromo y níquel y acero chromo-kobalto lydiniai, chromo-nikelio lydiniai, kiti metalų lydiniai
	X	standard crosscut / standardowe krzyżowe nacięcia / стандартная крестообразная нарезка / estándares cortes cruzados	chrome-cobalt alloys, chrome-nickel alloys, other metal alloys / stopy chromu i kobaltu, chromu i niklu, inne rodzaje stopów / хромокобальтовые, хромоникелевые и другие сплавы / aleaciones de cromo y cobalto gipsas, dervos pagrindu pagamintos medžiagos, plastikas
	XG	coarse crosscut / grube krzyżowe nacięcia / крупная крестообразная нарезка / gruesos cortes cruzados	plaster, resin-based materials, plastic / gips, żywice, tworzywa sztuczne / гипс, смолы, пластмасса / para la reducción de escayola, resina, materiales plásticos
	XSG	super coarse crosscut / bardzo grube krzyżowe nacięcia / очень крупная крестообразная нарезка / supergruesos cortes cruzados	plastic, plaster / tworzywa sztuczne, gips / пластмассы, гипс / para la reducción gruesa de materiales plásticos, para la preparación de escayola plastikas, gipsas
	UF	fine spiral cut / drobne spiralne nacięcia / мелкая спиральная нарезка / finos cortes espirales	precious metal alloys, cermet, titanium / stopy metali szlachetnych, metaloceramiki, tytanu / сплавы из драгоценных металлов, металлокерамики, титана / para la preparación de las aleaciones de metales preciosos, metalocerámica y titanio
	V	crosswise cut / krzyżowo-poprzeczne nacięcia / крестообразно-поперечная нарезка / cortes cruzados y transversales	chrome-cobalt, chrome-nickel alloys / stopy chromu i kobaltu, chromu i niklu / хромо-кобальтовые, хромоникелевые сплавы / aleaciones del cromo-cobalto y cromo-níquel
	Y	plain tothing with transverse section / proste nacięcia z dodatkowym poprzecznym nacięciem / простая нарезка с дополнительной поперечной нарезкой / cortes simples con sección transversal	silicone / silikon / силикон / siliconas
	QSG	coarse plain tothing with transverse section / bardzo grube proste nacięcia z dodatkowym poprzecznym nacięciem / очень крупная простая нарезка с дополнительной поперечной нарезкой / supergruesos cortes simples y un corte cruzado adicional	acrylic, resin, silicon / akryl, żywica, silikon / акрил, смола, силикон / material acrílico, silicona o resina
	F	fine plain cut / drobne proste nacięcia / Простая мелкая нарезка / finos cortes simples	gold, other metal materials, acrylic / złoto, inne metale, akryl / золото, другие металлы, акриловые пластмассы / alisa superficie de oro, otros metales y acrílico
		standard plain cut / standardowe proste nacięcia / простая стандартная нарезка / estándares cortes simples	chrome-cobalt alloys, chrome-nickel alloys, other metal alloys / stopy chromu i kobaltu, chromu i niklu, innych rodzaje stopów / хромокобальтовые, хромоникелевые и другие виды сплавов / para la preparación rápida y eficaz de las aleaciones del cromo-níquel y otras aleaciones de metales
	G	coarse plain cut / grube proste nacięcia / простая крупная нарезка / gruesos cortes simples	acrylic, plaster / akryl i gips / акриловые пластмассы и гипс / acrílico y escayola
	SG	super coarse plain cut / bardzo grube proste nacięcia / простая очень крупная нарезка / super gruesos cortes simples	plaster, acrylics / gips, akryl / гипс, акриловые пластмассы / escayola y acrílico

TUNGSTEN CARBIDE CUTTERS WITH FINE CROSSCUT

FREZY Z DROBNYMI KRZYŻOWYMI NACIĘCIAMI
 ФРЕЗЫ С МЕЛКОЙ КРЕСТООБРАЗНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON FINOS CORTES CRUZADOS



GB

USAGE:

• for fine finishing of precious metal alloys, chrome-nickel alloy and steel

• for coarse abrasion on ceramic and for shaping

P

precyzyjnych stopów metali szlachetnych, stopu chromu i niklu oraz stali

ZASTOSOWANIE:

• do końcowego opracowywania stopów metali szlachetnych, stopu chromu i niklu oraz stali

• do zgrubnego opracowywania ceramiki, nadawania kształtu oraz konturowania

ПРИМЕНЕНИЕ:

• для финишной обработки сплавов из драгоценных металлов, хромоникелевых сплавов, а также стали

• для быстрой грубой обработки керамики, придания формы и контурирования

ES

USO:

• alisa superficie de aleaciones de metales preciosos, aleaciones de cromo-níquel y acero

• para el repasado de cerámica

L mm	2.0	14.0	16.0	6.5	8.0	14.0	13.0	15.0
Diameter 1/10mm	023	023	023	023	023	023	023	023
Verdent code	001XF HP 023	114XF HP 023	137XF HP 023	140XF HP 023	141XF HP 023	144XF HP 023	174XF HP 023	175XF HP 023
ISO code 500.104...	001.140.023	114.140.023	137.140.023	140.140.023	141.140.023	144.140.023	174.140.023	175.140.023

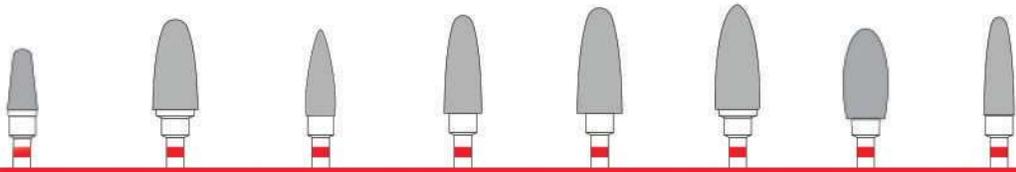
L mm	15.0	14.0	8.0	8.0	6.5	3.0	5.0	3.5
Diameter 1/10mm	023	023	016	023	023	014	023	012
Verdent code	187XF HP 023	194XF HP 023	198XF HP 016	198XF HP 023	225XF HP 023	237XF HP 014	237XF HP 023	257XF HP 012
ISO code 500.104...	187.140.023	194.140.023	198.140.016	198.140.023	225.140.023	237.140.014	237.140.023	257.140.012

L mm	6.5	3.5	3.0	4.0	8.0	14.0	12.5	14.0
Diameter 1/10mm	023	014	014	023	023	023	050	060
Verdent code	257XF HP 023	274XF HP 014	277XF HP 014	277XF HP 023	289XF HP 023	292XF HP 023	113XF HP 050	137XF HP 060
ISO code 500.104...	257.140.023	274.140.014	277.140.014	277.140.023	289.140.023	292.140.023	113.140.050	137.140.060

L mm	14.0	13.0	13.0	14.0	12.0	13.5	8.5	12.0
Diameter 1/10mm	050	050	040	060	060	050	040	060
Verdent code	175XF HP 050	200XF HP 050	201XF HP 040	201XF HP 060	237XF HP 060	243XF HP 050	257XF HP 040	257XF HP 060
ISO code 500.104...	175.140.050	200.140.050	201.140.040	201.140.060	237.140.060	243.140.050	257.140.040	257.140.060

TUNGSTEN CARBIDE CUTTERS WITH FINE CROSSCUT

FREZY Z DROBNYMI KRZYŻOWYMI NACIĘCIAMI
 ФРЕЗЫ С МЕЛКОЙ КРЕСТООБРАЗНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON FINOS CORTES CRUZADOS



L mm	8.5	12.0	11.5	13.0	14.0	14.0	12.0	13.0
Diameter 1/10mm	040	060	040	050	060	060	060	040
Verdent code	263XF HP 040	263XF HP 060	273XF HP 040	274XF HP 050	274XF HP 060	275XF HP 060	277XF HP 060	292XF HP 040
ISO code 500.104...	263.140.040	263.140.060	273.140.040	274.140.050	274.140.060	275.140.060	277.140.060	292.140.040

TUNGSTEN CARBIDE CUTTERS WITH STANDARD CROSSCUT

FREZY ZE STANDARDOWYMI KRZYŻOWYMI NACIĘCIAMI
 ФРЕЗЫ СО СТАНДАРТНОЙ КРЕСТООБРАЗНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON ESTÁNDARES CORTES CRUZADOS



GB

USAGE:

- fast and effective work on chrome-cobalt alloys, chrome-nickel alloys and other metal alloys

PL

ZASTOSOWANIE:

do szybkiego wywniesienia chromu i kobaltu, chromu i niklu oraz innych rodzajów stopów

RU

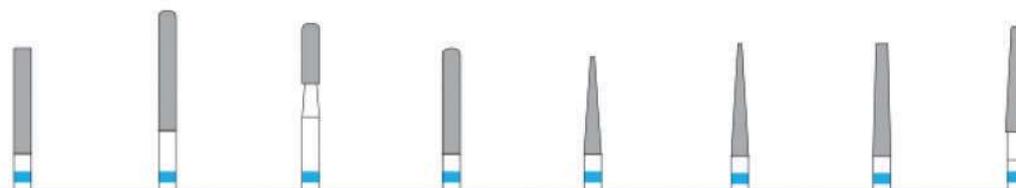
greitas ir efektyvus darbas su chromo-kobalto lydiniais, chromo-nikelio lydiniais ir kitais metalų lydiniais

для быстрого выведения хромокобальтовых, хромоникелевых и других видов сплавов

ES

USO:

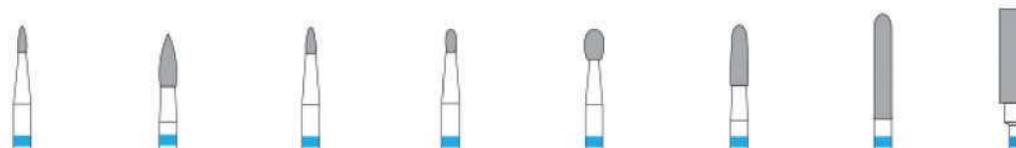
para la preparación rápida y eficaz de las aleaciones del cromo-níquel y otras aleaciones de metales



L mm	14.0	16.0	8.0	14.0	13.0	15.0	15.0	14.0
Diameter 1/10mm	023	023	023	023	023	023	023	023
Verdent code	114X HP 023	137X HP 023	141X HP 023	144X HP 023	174X HP 023	175X HP 023	187X HP 023	194X HP 023
ISO code 500.104...	114.190.023	137.190.023	141.190.023	144.190.023	174.190.023	175.190.023	187.190.023	194.190.023



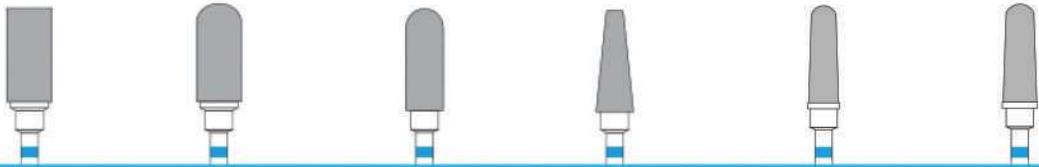
L mm	4.0	6.0	8.0	4.0	5.5	5.5
Diameter 1/10mm	008	023	023	016	023	023
Verdent code	196X HP 008	197X HP 023	198X HP 023	225X HP 016	225X HP 023	237X HP 023
ISO code 500.104...	196.190.008	197.190.023	198.190.023	225.190.016	225.190.023	237.190.023



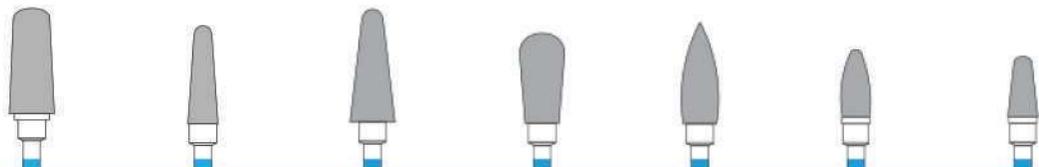
L mm	3.5	7.0	3.5	3.0	4.0	8.0	14.0	12.5
Diameter 1/10mm	012	023	014	014	023	023	023	050
Verdent code	257X HP 012	257X HP 023	274X HP 014	277X HP 014	277X HP 023	289X HP 023	292X HP 023	113X HP 050
ISO code 500.104...	257.190.012	257.190.023	274.190.014	277.190.014	277.190.023	289.190.023	292.190.023	113.190.050

TUNGSTEN CARBIDE CUTTERS WITH STANDARD CROSSCUT

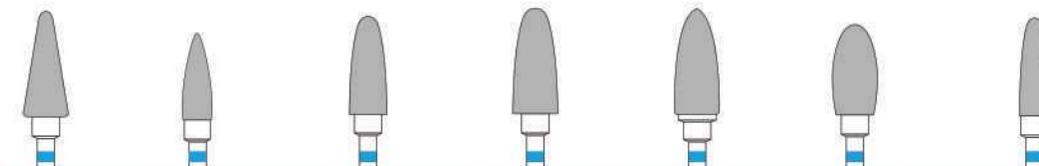
FREZY ZE STANDARDOWYMI KRZYŻOWYMI NACIĘCIAMI
 ФРЕЗЫ СО СТАНДАРТНОЙ КРЕСТООБРАЗНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON ESTÁNDARES CORTES CRUZADOS



L mm	14.0	14.0	13.0	14.0	13.0	13.0
Diameter 1/10mm	060	060	050	050	040	045
Verdent code	113X HP 060	137X HP 060	143X HP 050	174X HP 050	194X HP 040	194X HP 045
ISO code 500.104...	113.190.060	137.190.060	143.190.050	174.190.050	194.190.040	194.190.045



L mm	14.0	13.0	14.0	12.0	13.5	8.5	8.5
Diameter 1/10mm	060	040	060	060	050	040	040
Verdent code	194X HP 060	201X HP 040	201X HP 060	237X HP 060	243X HP 050	257X HP 040	263X HP 040
ISO code 500.104...	194.190.060	201.190.040	201.190.060	237.190.060	243.190.050	257.190.040	263.190.040



L mm	14.0	11.5	13.0	14.0	14.0	12.0	13.0
Diameter 1/10mm	060	040	050	060	060	060	040
Verdent code	266X HP 060	273X HP 040	274X HP 050	274X HP 060	275X HP 060	277X HP 060	292X HP 040
ISO code 500.104...	266.190.060	273.190.040	274.190.050	274.190.060	275.190.060	277.190.060	292.190.040

TUNGSTEN CARBIDE CUTTERS WITH COARSE CROSSCUT

FREZY Z GRUBYMI KRZYŻOWYMI NACIĘCIAMI
 ФРЕЗЫ С КРУПНОЙ КРЕСТООБРАЗНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON GRUESOS CORTES CRUZADOS



GB |

USAGE:

- for reduction of plaster
- for resin-based materials
- for fast processing of plastic

PL |

ZASTOSOWANIE:

- do opracowywania gipsu
- do żywic
- do szybkiego opracowywania tworzyw sztucznych

gipso, akrilo ir plastiko apdirbimui

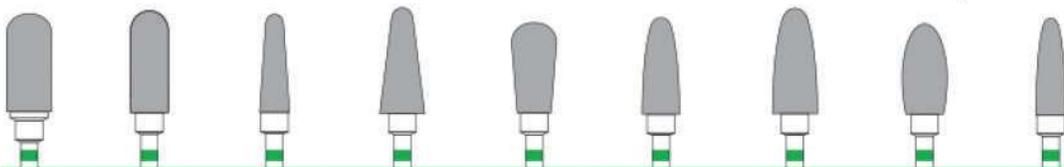
ПРИМЕНЕНИЕ:

- для обработки гипса
- для смол
- для быстрой обработки пластмассы

ES |

USO:

- para la reducción de escayola
- para resina
- para repasado rápido de materiales plásticos



L mm	14.0	13.0	13.0	14.0	12.0	13.0	14.0	12.0	13.0
Diameter 1/10mm	060	050	040	060	060	050	060	060	040
Verdent code	137XG HP 060	143XG HP 050	200XG HP 040	201XG HP 060	237XG HP 060	274XG HP 050	274XG HP 060	277XG HP 060	292XG HP 040
ISO code 500.104...	137.220.060	143.220.050	200.220.040	201.220.060	237.220.060	274.220.050	274.220.060	277.220.060	292.220.040

TUNGSTEN CARBIDE CUTTERS WITH SUPER COARSE CROSSCUT

FREZY Z BARDZO GRUBYMI KRZYŻOWYMI NACIĘCIAMI
 ФРЕЗЫ С ОЧЕНЬ КРУПНОЙ КРЕСТООБРАЗНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON SUPERGRUESOS CORTES CRUZADOS



GB |

USAGE:

- for coarse abrasion of plastic
- for preparing trays
- for plaster

PL |

ZASTOSOWANIE:

- do zgrubnego opracowywania wszystkich tworzyw sztucznych
- do przygotowywania indywidualnych łyżek protetycznych
- do opracowywania gipsu

plastiko ir gipso apdirbimui

RU |

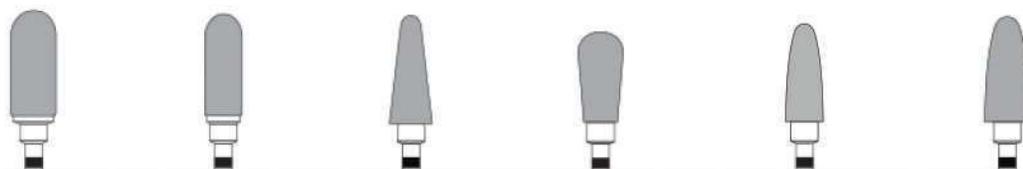
ПРИМЕНЕНИЕ:

- для очень грубой обработки любых пластмасс
- для изготовления индивидуальных ложек
- для обработки гипса

ES |

USO:

- para la reducción gruesa de materiales plásticos
- para la preparación de cubetas
- para la escayola



L mm	14.0	13.0	14.0	12.0	13.0	14.0
Diameter 1/10mm	060	050	060	060	050	060
Verdent code	137XSG HP 060	143XSG HP 050	201XSG HP 060	237XSG HP 060	274XSG HP 050	274XSG HP 060
ISO code 500.104...	137.223.060	143.223.050	201.223.060	237.223.060	274.223.050	274.223.060

TUNGSTEN CARBIDE CUTTERS WITH FINE SPIRAL CUT

FREZY Z DROBNYMI SPIRALNYMI NACIĘCIAMI
 ФРЕЗЫ С МЕЛКОЙ СПИРАЛЬНОЙ НАРЕЗКОЙ
 CARBURO DE TUNGSTENO CON FINOS CORTES ESPIRALES



GB |

USAGE:

- for precious metal alloys, cermet and titanium

PL |

ZASTOSOWANIE:

- do opracowywania stopów metali szlachetnych, metaloceramiki i tytanu

RU |

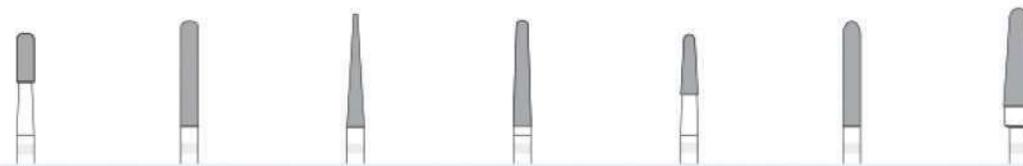
ПРИМЕНЕНИЕ:

- для обработки сплавов из драгоценных металлов, металлокерамики и титана

ES |

USO:

- para la preparación de las aleaciones de metales preciosos, metalo-cerámica y titanio



L mm	6.5	14.0	15.0	14.0	8.0	14.0	13.0
Diameter 1/10mm	023	023	023	023	023	023	040
Verdent code	140UF HP 023	144UF HP 023	175UF HP 023	187UF HP 023	198UF HP 023	292UF HP 023	200UF HP 040
ISO code 500.104...	140.132.023	144.132.023	175.132.023	187.132.023	198.132.023	292.132.023	200.132.040



910
Double Sided

ISO 321
Unmounted
Semi Flex



	Thickness mm		
● F	0.45	321 514 220	321 514 190
● M	0.55	321 514 220	321 524 190

Dvipusiai

Su laikikliu

910
Double Sided

ISO 321
Mounted
Semi Flex

Riveted mandrel			
● F	0.45	R04/321 514 220	R04/321 514 190
● M	0.55	R04/321 524 220	R04/321 524 190

Screwed mandrel			
● F	0.45	S04/321 514 220	S04/321 514 190
● M	0.55	S04/321 524 220	S04/321 524 190

910
Double Sided

ISO 340
Unmounted
Flex



	Thickness mm		
● F	0.30	340 514 300	340 514 220

910
Double Sided

ISO 340
Mounted
Flex

Riveted mandrel			
● F	0.30	R04/340 514 300	R04/340 514 190

Screwed mandrel			
● F	0.30	S04/340 514 300	S04/340 514 220
			R04/340 514 190

R04/340 514 100

910
Double Sided

ISO 340
Unmounted
Flex



	Thickness mm		
● F	0.30	340 514 190	340 514 100

910
Double Sided

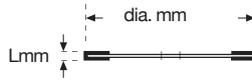
ISO 340
Mounted
Flex

Riveted mandrel			
● F	0.30	R04/340 514 100	
● XF	0.20	R04/340 504 100	R04/340 504 080
			R04/340 504 065

Illustration of mounted discs-mandrels are optional



910
Double Sided

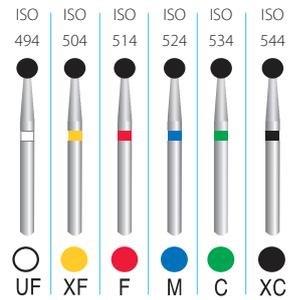


ISO 355
Unmounted
Super Flex



	Thickness mm				
● XF	0.17	335 504 220	335 504 190	355 504 180	355 504 100
● F	0.25	335 514 220	335 514 190		

Diamond Grit

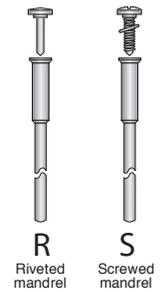


910
Double Sided

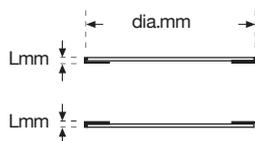
ISO 355
Mounted
Super Flex



Riveted mandrel						
● XF	0.17	R04/355 504 220	R04/355 504 190	R04/355 504 180	R04/355 504 140	R04/355 504 100
● F	0.25	R04/355 514 220	R04/355 514 190	R04/355 514 180		
Screwed mandrel						
● XF	0.17	S04/355 504 220	S04/355 504 190			
● F	0.25	S04/355 514 220	S04/355 514 190			



913
Single Sided



ISO 341
Unmounted
Flex



	Thickness mm		
● F	0.20	341 514 220	341 514 190

913
Single Sided

ISO 341
Mounted
Flex

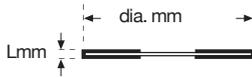


Riveted mandrel			
● F	0.20	R04/341 514 220	R04/341 514 190
Screwed mandrel			
● F	0.20	S04/341 514 220	S04/341 514 190

Illustration of mounted discs-mandrels are optional



918
Double Sided



ISO 327
Unmounted
Semi Flex



	Thickness mm		
● F	0.45	327 514 220	327 514 190
● M	0.55	327 524 220	327 524 190
● C	0.60	327 534 220	
● XC	0.65	327 544 220	

918
Double Sided

ISO 327
Mounted
Semi Flex



Riveted mandrel			
● XF	0.17	R04/327 514 220	R04/327 514 190
● F	0.45	R04/327 514 220	R04/327 514 190
● M	0.55	R04/327 524 220	R04/327 524 190
Screwed mandrel			
● F	0.45	S04/327 514 220	S04/327 514 190
● M	0.55	S04/327 524 220	S04/327 524 190
● C	0.60	S04/327 534 220	
● XC	0.65	S04/327 544 220	

918
Double Sided



ISO 345
Unmounted
Flex



	Thickness mm			
○ UF	0.25	345 494 220		
● XF	0.16	345 504 220		
● F	0.30	345 514 220	345 514 190	345 514 180
● M	0.40	345 524 220	345 524 190	

918
Double Sided

ISO 345
Mounted
Flex



Riveted mandrel				
● F	0.30	R04/345 514 220	R04/345 514 190	R04/345 514 180
● M	0.40	R04/345 524 220	R04/345 524 190	
Screwed mandrel				
○ UF	0.16	S04/345 494 220		
● F	0.30	S04/345 514 220	S04/345 514 190	S04/345 514 180
● M	0.40	S04/345 524 220	S04/345 524 190	

918
Double Sided



ISO 358
Unmounted
Super Flex



	Thickness mm		
● XF	0.16	358 504 220	358 504 190

918
Double Sided

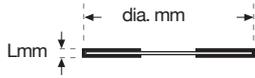
ISO 358
Mounted
Super Flex



Riveted mandrel			
● XF	0.17	R04/358 504 220	R04/358 504 190
Screwed mandrel			
● XF	0.17	S04/358 504 220	S04/358 504 190



911H
Double Sided
Perforated



ISO 332
Unmounted
Semi Flex

	Thickness mm		
● F	0.45	332 514 220	332 514 190
● M	0.55	332 524 220	332 524 190

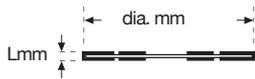
911H
Double Sided
Perforated



ISO 332
Mounted
Semi Flex

Riveted mandrel			
● F	0.45	R04/332 514 220	R04/332 514 190
● M	0.55	R04/332 524 220	R04/332 524 190
Screwed mandrel			
● F	0.45	S04/332 514 220	S04/332 514 190
● M	0.55	S04/332 524 220	S04/332 524 190

918H
Double Sided
Perforated



ISO 335
Unmounted
Semi Flex

	Thickness mm		
● F	0.45	335 514 220	335 514 190
● M	0.55	335 524 220	335 524 190
● C	0.60	335 534 220	335 534 190

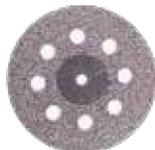
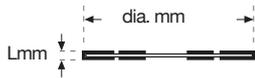
918H
Double Sided
Perforated



ISO 335
Mounted
Semi Flex

Riveted mandrel			
● F	0.45	R04/335 514 220	R04/335 514 190
● M	0.55	R04/335 524 220	R04/335 524 190
● C	0.60	R04/335 534 220	R04/335 534 190
Screwed mandrel			
● F	0.45	S04/335 514 220	S04/335 514 190
● M	0.60	S04/335 524 220	S04/335 524 190
● C	0.45	S04/335 534 220	S04/335 534 190

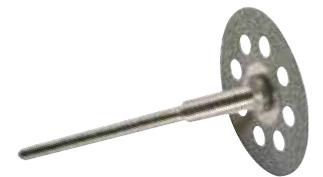
918H
Double Sided
Perforated



ISO 350
Unmounted
Flex

	Thickness mm		
● F	0.30	350 514 220	350 514 190
● M	0.40	350 524 220	350 524 190

918H
Double Sided
Perforated



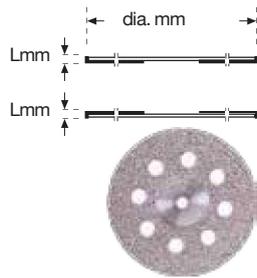
ISO 350
Mounted
Flex

Riveted mandrel			
● F	0.30	R04/350 514 220	R04/350 514 190
● M	0.55	R04/350 524 220	R04/350 524 190
Screwed mandrel			
● F	0.30	S04/350 514 220	S04/350 514 190
● M	0.40	S04/350 524 220	S04/350 524 190



126 Dental Discs

916H
Single Sided
Perforated



ISO 352
Mounted
Flex

Riveted mandrel			
● F	0.20	R04/352 514 220	R04/352 514 190
Screwed mandrel			
● F	0.20	S04/352 514 220	S04/352 514 190

350PS
Double Sided
Perforated+Slotted



ISO 350PS
Flex

	Thickness mm		
● XF	0.25	350PS 504 220	
● F	0.30	350PS 514 220	

377
Double Sided
Diagonally Serrated



ISO 377
Unmounted
Flex

	Thickness mm		
● XF	0.25	377 504 300	377 504 220
● F	0.30		377 514 220

377
Double Sided
Diagonally Serrated



ISO 377
Mounted
Flex

Riveted mandrel			
● XF	0.25	R04/377 504 300	
Screwed mandrel			
● XF	0.25	S04/377 504 300	

390
Double Sided
Diagonally Slotted



ISO 390
Flex

	Thickness mm		
● XF	0.25	390 504 220	
● F	0.30	390 514 220	

379PS
Double Sided
Serrated & Slotted



ISO 379PS
Flex

	Thickness mm		
● XF	0.25	379PS 504 220	
● F	0.30	379PS 514 220	

37.3; 37.4 P.D.

ABRASIVE DISKS ULTRA FINE DISKS

Actual size
100 pcs./box



FOR **CERAMIC** (BROWN)
Item No. 05020 $\phi 22 \times 0.25 \text{mm}$
05021 $\phi 22 \times 0.23 \text{mm}$



FOR **ZIRCONIA** (BROWN)
Item No. 05023P $\phi 22 \times 0.25 \text{mm}$
05024P $\phi 25 \times 0.4 \text{mm}$



FOR **METAL** (BROWN)
Item No. 05010 $\phi 22 \times 0.2 \text{mm}$

Separaciniai diskai $\phi 22 \times 0.23 \text{mm}$
 $\phi 22 \times 0.25 \text{mm}$

SEPARATING DISKS



FOR **CERAMIC** (BROWN)
Item No. 05030 $\phi 22 \times 0.35 \text{mm}$
05031 $\phi 25 \times 0.6 \text{mm}$



FOR **METAL** (BROWN)
Item No. 05040 $\phi 25 \times 0.35 \text{mm}$

STANDARD CUTTING DISKS FOR METAL REGULAR FAST CUTTING



Item No. 05050 $\phi 25 \times 0.6 \text{mm}$ (BLACK)



Item No. 05051 $\phi 38 \times 0.6 \text{mm}$ (BLACK)



Item No. 05052 $\phi 25 \times 0.6 \text{mm}$ (BROWN)

Šlifavimo/karborundiniai diskai

05060A $\phi 25 \times 0.6 \text{mm}$ (BROWN-SHARP)



05061A $\phi 38 \times 0.6 \text{mm}$ (BROWN-SHARP)

GRINDING WHEELS



Item No. 05070 $\phi 25 \times 3.0 \text{mm}$ (BROWN)
05077 $\phi 25 \times 2.5 \text{mm}$ (BROWN)



Item No. 05073 $\phi 31.8 \times 1.6 \text{mm}$ (BROWN)
05074 $\phi 31.8 \times 2.0 \text{mm}$ (BLACK)
05064 $\phi 31.8 \times 2.2 \text{mm}$ (BROWN)
05076 $\phi 31.8 \times 2.5 \text{mm}$ (BLACK)



Item No. 05071 $\phi 38 \times 1.0 \text{mm}$
05078 $\phi 38 \times 2.0 \text{mm}$

Double Net Cutting Wheels (Reinforced With Glass Fiber)

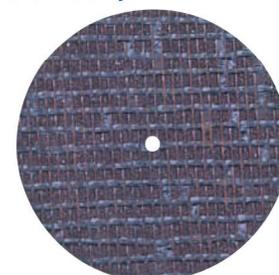
50 pcs./box



BROWN COLOUR
Item No. 05080 $\phi 25 \times 1.0 \text{mm}$



BROWN COLOUR
Item No. 05081 $\phi 31.8 \times 1.0 \text{mm}$



BROWN COLOUR
Item No. 05082 $\phi 38 \times 1.0 \text{mm}$

37.5 P.D.

KERAMIK POLIERER • POLISHERS FOR CERAMICS • POLISSAGE DE CÉRAMIQUE

Polyrai keramikai

CeraGloss



1



L mm	16,0	2,5	2,5	15,5	2,0	2,0
Size $\varnothing 1/10$ mm	050	150	150	055	250	250
Order No.	341HP	342HP	343HP	344HP	301HP	310HP
ISO No. 802 104...	292 533 050	303 533 150	372 533 150	243 533 055	373 533 250	303 533 250
Stufe • Step • Etape	1					
	↻ 20.000			↻ 5.000		

CeraGloss
CeraGloss-Flex



1



CeraGloss-Flex

L mm	16,0	2,5	2,5	15,5	2,0	2,0	0,6
Size $\varnothing 1/10$ mm	050	150	150	055	250	250	220
Order No.	3041HP	3042HP	3043HP	3044HP	3001HP	3010HP	3047HP
ISO No. 802 104...	292 523 050	303 523 150	372 523 150	243 523 055	373 523 250	303 523 250	345 534 220
Stufe • Step • Etape	2						1
	↻ 20.000			↻ 5.000		↻ 15.000	

CeraGloss
CeraGloss-Flex



1

Su deimanto prietaišom



CeraGloss-Flex

Diametras: 22 mm

L mm	16,0	2,5	2,5	15,5	2,0	2,0	0,6
Size $\varnothing 1/10$ mm	050	150	150	055	250	250	220
Order No.	30041HP	30042HP	30043HP	30044HP	30001HP	30010HP	30047HP
ISO No. 802 104...	292 513 050	303 513 150	372 513 150	243 513 055	373 513 250	303 513 250	345 514 220
Stufe • Step • Etape	3						2
	↻ 10.000			↻ 5.000		↻ 15.000	

CeraStar



↻ max. 15.000

↻ opt. 12.000

1



L mm	13,0	11,0
Size $\varnothing 1/10$ mm	050	040
Order No.	901.050HP	902.040HP
ISO No. 865 104...	107 524 050	173 524 040



Polierfilze Polishing felt

Polierfilze sind ideale Träger für Poliermittel aller Art. Beim Polieren entsteht eine glatte, glänzende Oberfläche. Wir liefern die passende Form für alle denkbaren Anwendungsbereiche.

Polishing felts are ideal carriers for polishing media of all kinds. Polishing creates a smooth, shiny surface. We deliver the right shape for all conceivable applications.

Art.-Nr. art.-no.	 mm	 mm	
Filzkegel felt cone			
150-00	60	30	
150-01	55	25	
150-02	50	25	
150-03	50	20	
150-04	45	25	
150-05	40	20	
150-06	35	20	
150-07	25	15	
150-08	20	10	
150-09	15	6	

Filzscheiben felt discs			
160-00	150	20	
160-01	125	30	
160-02	100	20	
160-05	80	20	
160-07	70	20	
160-09	60	20	
160-11	60	12	
160-12	60	10	
160-14	50	20	
160-15	50	12	
160-16	50	10	
160-18	40	12	
160-20	30	10	

Filzlinsen felt lenses			
170-01	60	10	
170-03	50	10	
170-05	40	10	

**Rundbürsten
mit Holzkern**

**Lathe brushes
with wooden core**

Chungking-Borsten

Chungking bristles

Standard Art.-Nr. art.-no.	Super Art.-Nr. art.-no.	Form shape	Material material	 mm	 mm
3-reihig three rows ↻ 2.800/min					
	61-3050	▲	Chungking, schwarz Chungking, black	26	50
51-3055	61-3055	▲	Chungking, schwarz Chungking, black	26	55
	62-3055	▲	Chungking, schwarz Chungking, black	28	55
	62-3060	▲	Chungking, schwarz Chungking, black	30	60
	64-3057	▲	Chungking, schwarz Chungking, black	35	57
	64-3070	▲	Chungking, schwarz Chungking, black	35	70
	65-3060	▲	Chungking, schwarz Chungking, black	40	60
55-3070	65-3070	▲	Chungking, schwarz Chungking, black	40	70
55-3080	65-3080	▲	Chungking, schwarz Chungking, black	40	80
55-3080G	65-3080G	■	Chungking, schwarz Chungking, black	40	80
	68-3090	▲	Chungking, schwarz Chungking, black	50	90
	69-3090	▲	Chungking, schwarz Chungking, black	60	90
	69-3100	▲	Chungking, schwarz Chungking, black	60	100



4-reihig four rows ↻ 2.800/min					
	61-4058	▲	Chungking, schwarz Chungking, black	26	58
55-4060	65-4060	▲	Chungking, schwarz Chungking, black	40	60
55-4070	65-4070	▲	Chungking, schwarz Chungking, black	40	70
55-4080	65-4080	▲	Chungking, schwarz Chungking, black	40	80
55-4080G	65-4080G	■	Chungking, schwarz Chungking, black	40	80
	68-4090	▲	Chungking, schwarz Chungking, black	50	90
	69-4090	▲	Chungking, schwarz Chungking, black	60	90
	69-4100	▲	Chungking, schwarz Chungking, black	60	100
	69-4100G	■	Chungking, schwarz Chungking, black	60	100



Rundbürsten mit Holzkern

Lathe brushes with wooden core

Chungking-Borsten

Chungking bristles

Standard Art.-Nr. art.-no.	Super Art.-Nr. art.-no.	Form shape	Material material	 mm	 mm
5-reihig five rows  2.800/min					
55-5068	65-5068	▲	Chungking, schwarz Chungking, black	40	68
55-5080	65-5080	▲	Chungking, schwarz Chungking, black	40	80
	65-5080G	■	Chungking, schwarz Chungking, black	40	80
	66-5090	▲	Chungking, schwarz Chungking, black	45	90
	69-5100	▲	Chungking, schwarz Chungking, black	60	100



6-reihig six rows  2.800/min					
55-6070	65-6070	▲	Chungking, schwarz Chungking, black	40	70
	69-6100	▲	Chungking, schwarz Chungking, black	60	100
	69-6100G	■	Chungking, schwarz Chungking, black	60	100
	69-6110	▲	Chungking, schwarz Chungking, black	60	110





Polierer

Polisher

Silikon

silicone

Silikoniniai polyrai

10 **100**

VE Stück/PU pieces

Art.-Nr. montiert art.-no. mounted	Härte grade	Schaft shank Ø mm	 mm	 mm
---	----------------	-------------------------	--	--

Silikonpolierer für Prothesenkunststoffe silicone polisher for prosthesis plastics

6.000/min

S195-1G	grob coarse	2,34	12	22	
S195-2G	grob coarse	2,34	10	20	
S195-3G	grob coarse	2,34	5,6	16	
S195-4G	grob coarse	2,34	10	24	
S195-5G	grob coarse	2,34	15	17	
S195-1M	mittel medium	2,34	12	22	
S195-2M	mittel medium	2,34	10	20	
S195-3M	mittel medium	2,34	5,6	16	
S195-4M	mittel medium	2,34	10	24	
S195-5M	mittel medium	2,34	15	17	
S195-1F	fein fine	2,34	12	22	
S195-2F	fein fine	2,34	10	20	
S195-3F	fein fine	2,34	5,6	16	
S195-4F	fein fine	2,34	10	24	
S195-5F	fein fine	2,34	15	17	

Pegasus

Plastikiniai atspaudiniai šaukštai

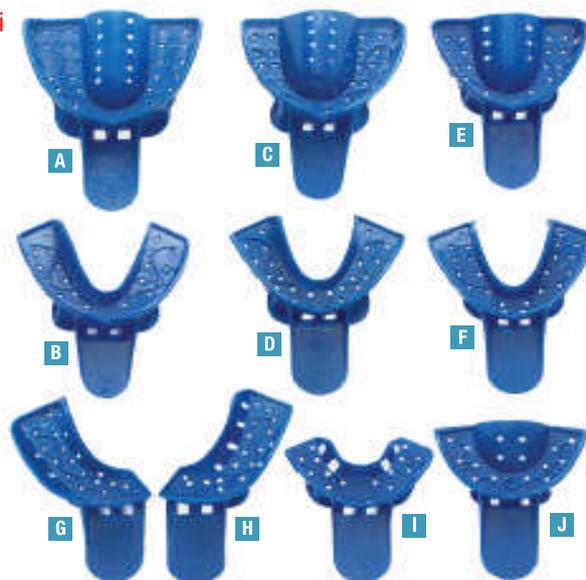
Disposable Impression Trays

Specially designed in a range of sizes to guarantee an accurate fit and excellent retention of impression material.

- Rigid plastic for greater accuracy
- Integral handle
- Deep sulcus
- Perforated and grooved for maximum retention of impression material
- Preferred by laboratories

Įvairių dydžių:

	Code	Description	Pack Qty
A	116 125	Large Upper	25
B	116 126	Large Lower	25
C	116 127	Medium Upper	25
D	116 128	Medium Lower	25
E	116 129	Small Upper	25
F	116 130	Small Lower	25



	Code	Description	Pack Qty
G	116 131	Partial Upper Right / Lower Left	25
H	116 132	Partial Upper Left / Lower Right	25
I	116 133	Anterior Lower	25
J	116 124	Anterior Upper	25



Pegasus

Disposable Orthodontic Impression Trays

Accurate impressions of abnormal arches. Rigid plastic and excellent retention. Lots of sizes for accurate fit.

Įvairių dydžių:

	Code	Description	Pack Qty
A	117 140	Child Size 1 Upper - Red	50
B	117 141	Child Size 1 Lower - Red	50
C	117 142	Child Size 2 Upper - Orange	50
D	117 143	Child Size 2 Lower - Orange	50
E	117 144	Child Size 3 Upper - Blue	50
F	117 145	Child Size 3 Lower - Blue	50

- Colour coded sizes
- Upper and lower trays
- 3 Child and 3 Adult sizes
- Rigid
- Comfortable and ergonomic design
- Integral handles

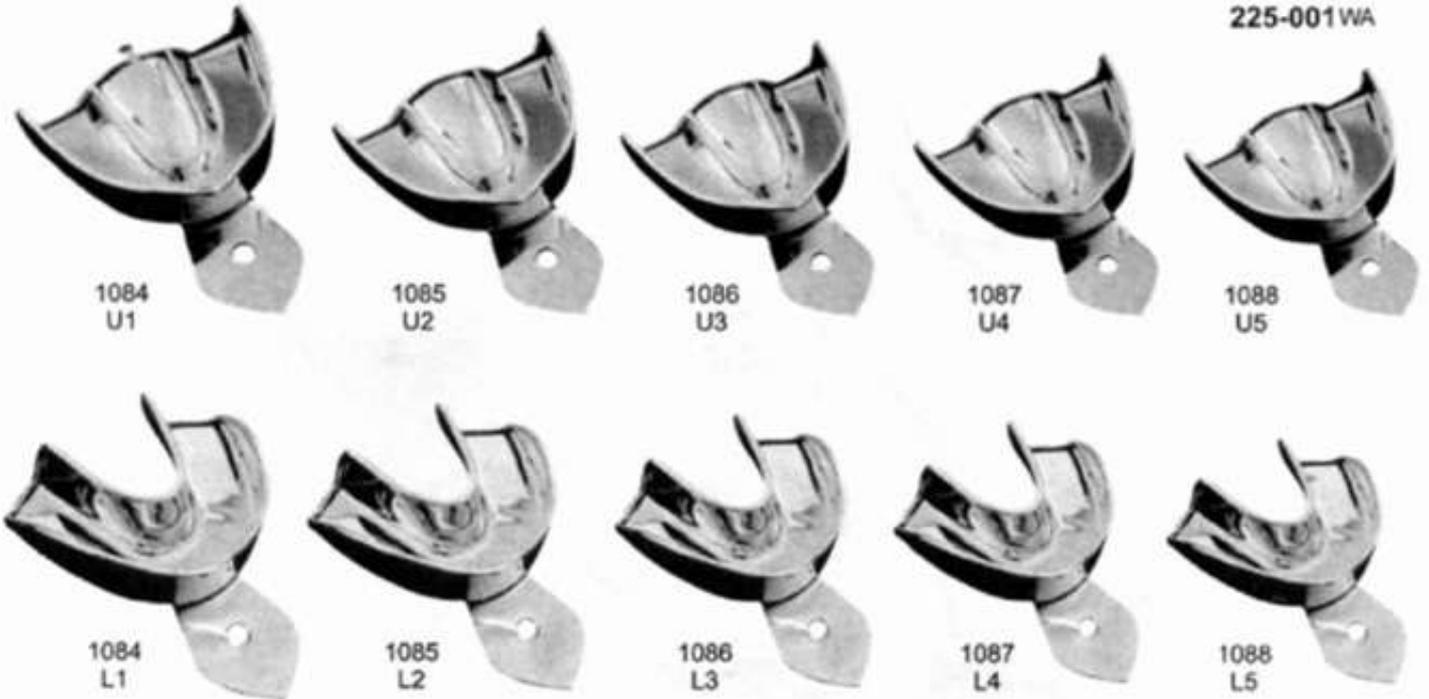
	Code	Description	Pack Qty
G	117 146	Adult Size 4 Upper - Green	50
H	117 147	Adult Size 4 Lower - Green	50
I	117 148	Adult Size 5 Upper - Yellow	50
J	117 149	Adult Size 5 Lower - Yellow	50
K	117 150	Adult Size 6 Upper - Purple	50
L	117 151	Adult Size 6 Lower - Purple	50
	117 152	Assorted Sizes	60

38.2. P.D.

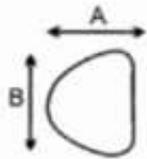
Nerūdijančio plieno atspaudiniai šaukštai

Įvairių dydžių:

Solid Partial Set of 10
225-001WA



All the above impression trays are available in these 4 sizes

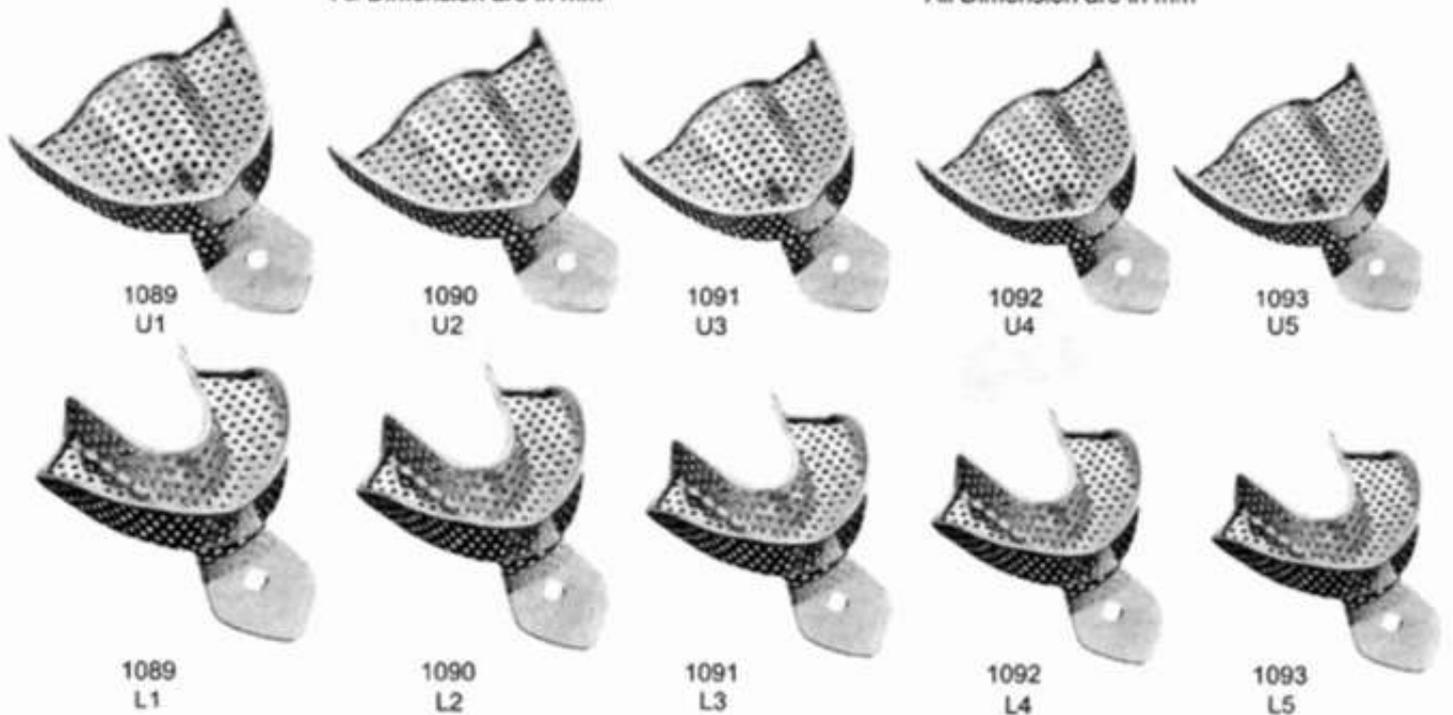
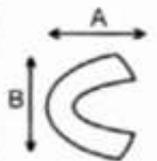


UPPER		U1	U2	U3	U4	U5
	A	62	60	53	54	52
B	83	75	73	69	68	

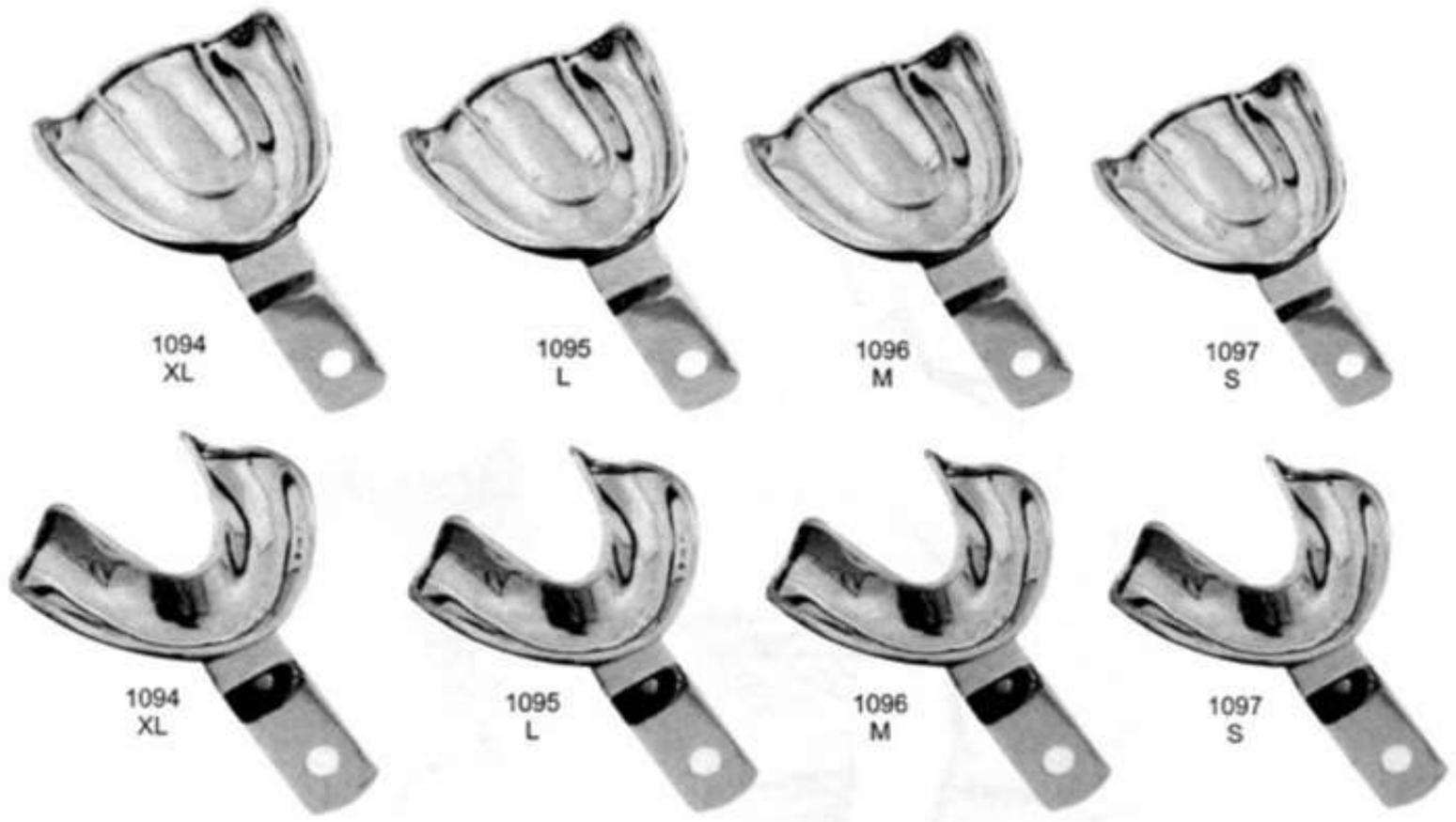
All Dimension are in mm

LOWER		L1	L2	L3	L4	L5
	A	63	61	57	60	53
B	82	81	78	74	71	

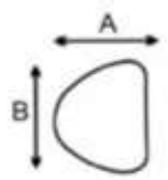
All Dimension are in mm



Solid Partial Set of 10
225-010WA

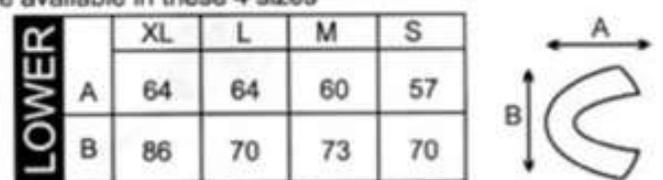


All the above impression trays are available in these 4 sizes



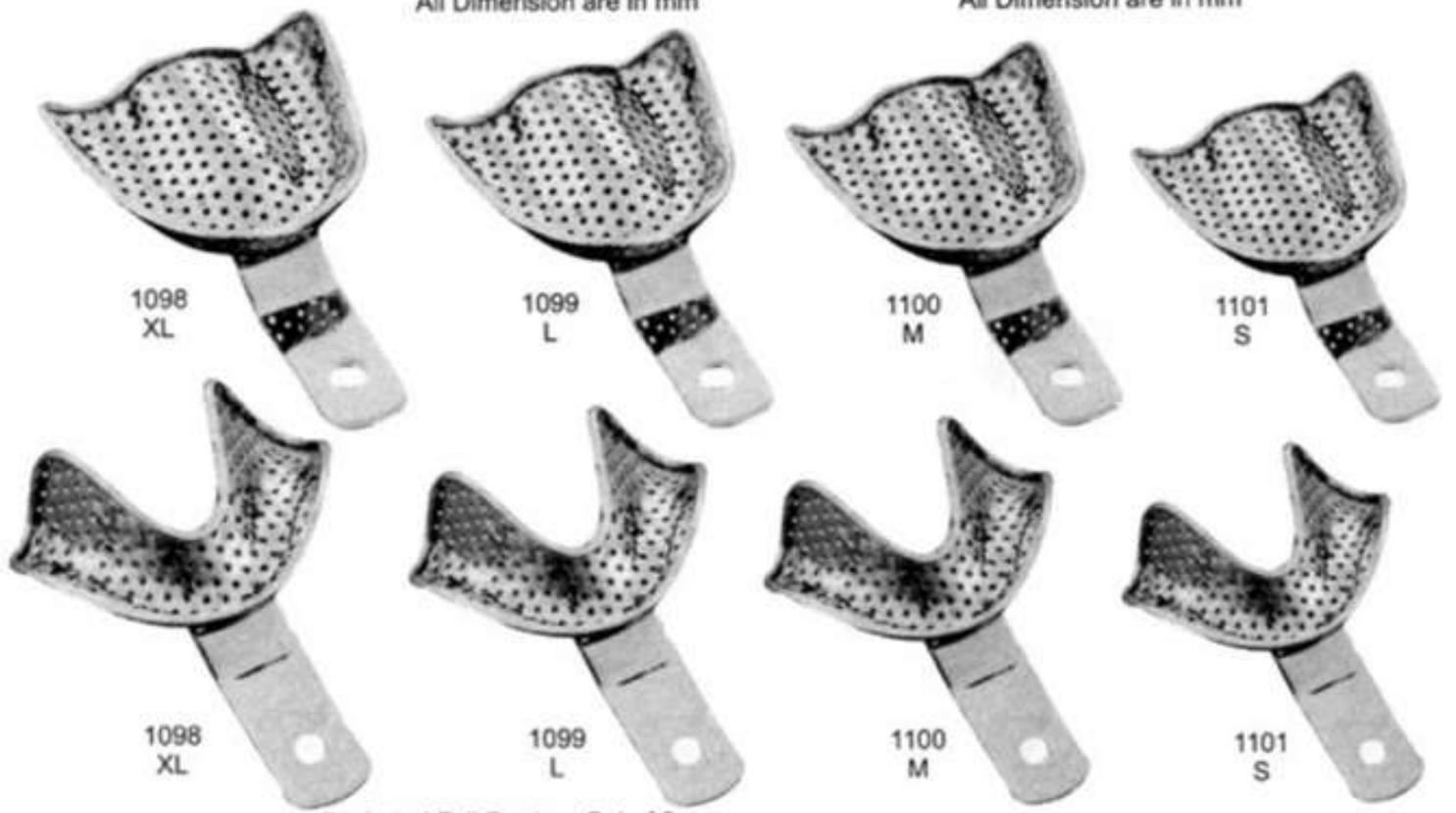
UPPER		XL	L	M	S
	A	70	67	64	60
	B	79	76	70	73

All Dimension are in mm



LOWER		XL	L	M	S
	A	64	64	60	57
	B	86	70	73	70

All Dimension are in mm

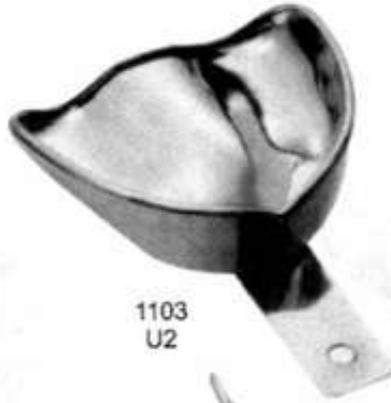


Perforated Full Denture Set of 8
225-011WA

Solid Set of 6
225-019WA



1102
U1



1103
U2



1104
U3



1102
L1

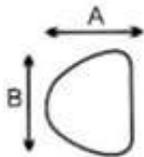


1103
L2



1104
L3

All the above impression trays are available in these 4 sizes

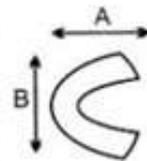


UPPER		U1	U2	U3
	A	67	64	57
	B	81	71	70

All Dimension are in mm

LOWER		L1	L2	L3
	A	60	57	54
	B	81	79	76

All Dimension are in mm



1105
U1



1106
U2



1107
U3



1105
L1



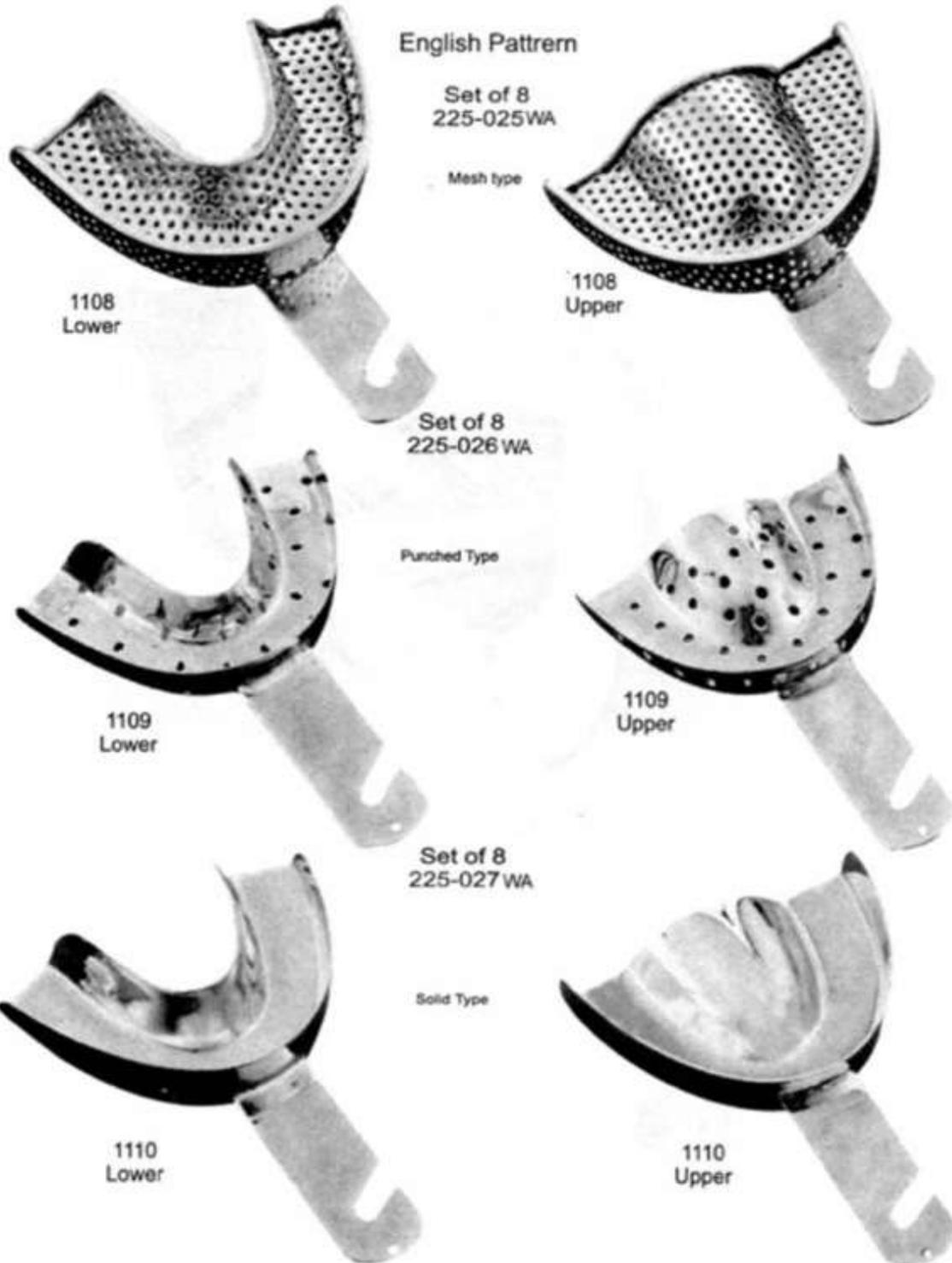
1106
L2



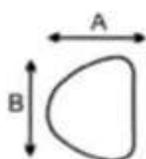
1107
L3

Perforated Set of 6
225-024WA

225-020 WA



All the above impression trays are available in these 4 sizes



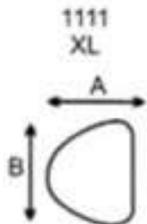
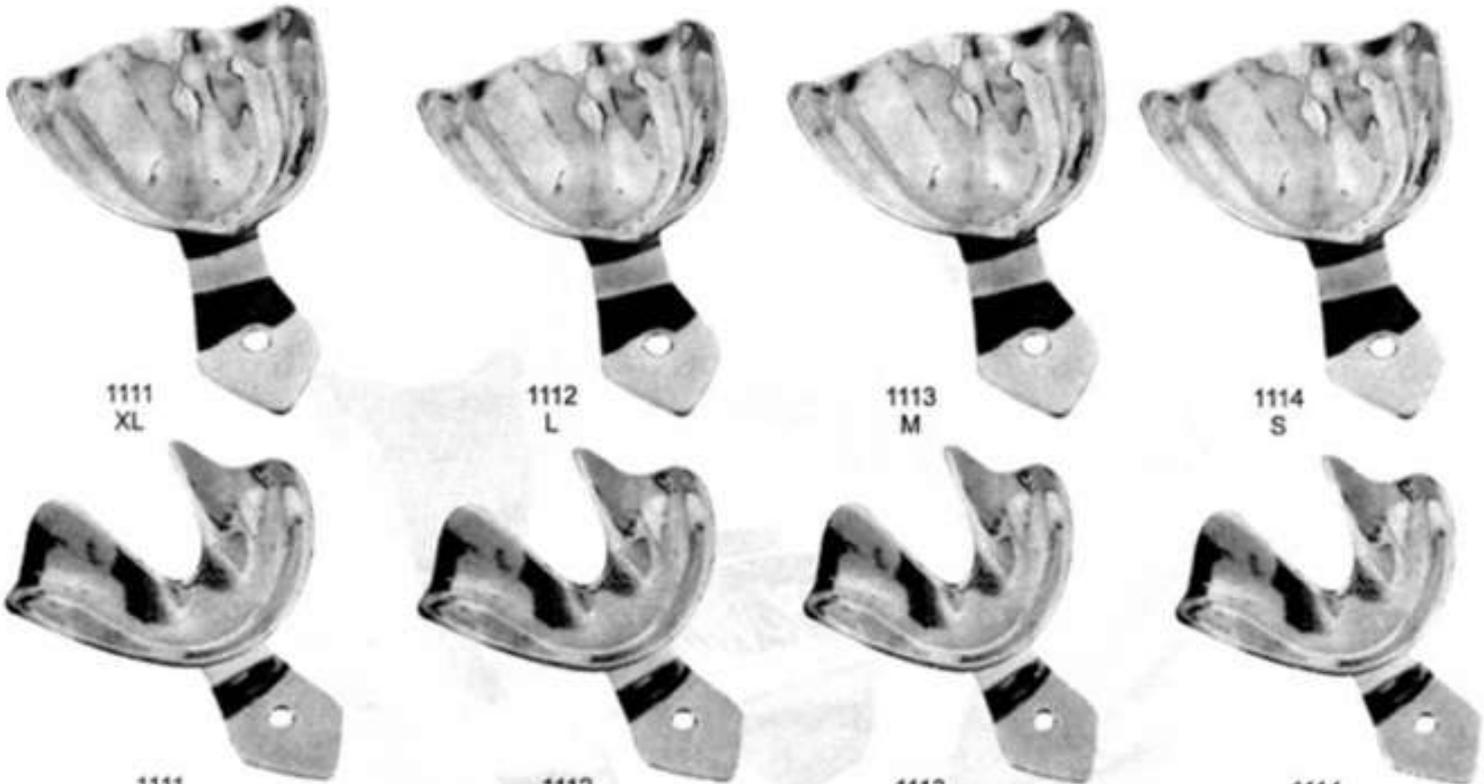
UPPER	Size	A	B	C
	0	67	50	12
	1	72	51	13
	2	78	55	15
	3	80	58	15

All Dimension are in mm

LOWER	Size	A	B	C
	0	70	50	14
	1	77	51	15
	2	79	55	15
	3	80	60	17

All Dimension are in mm

Solid Full Denture Set of 8
225-028WA



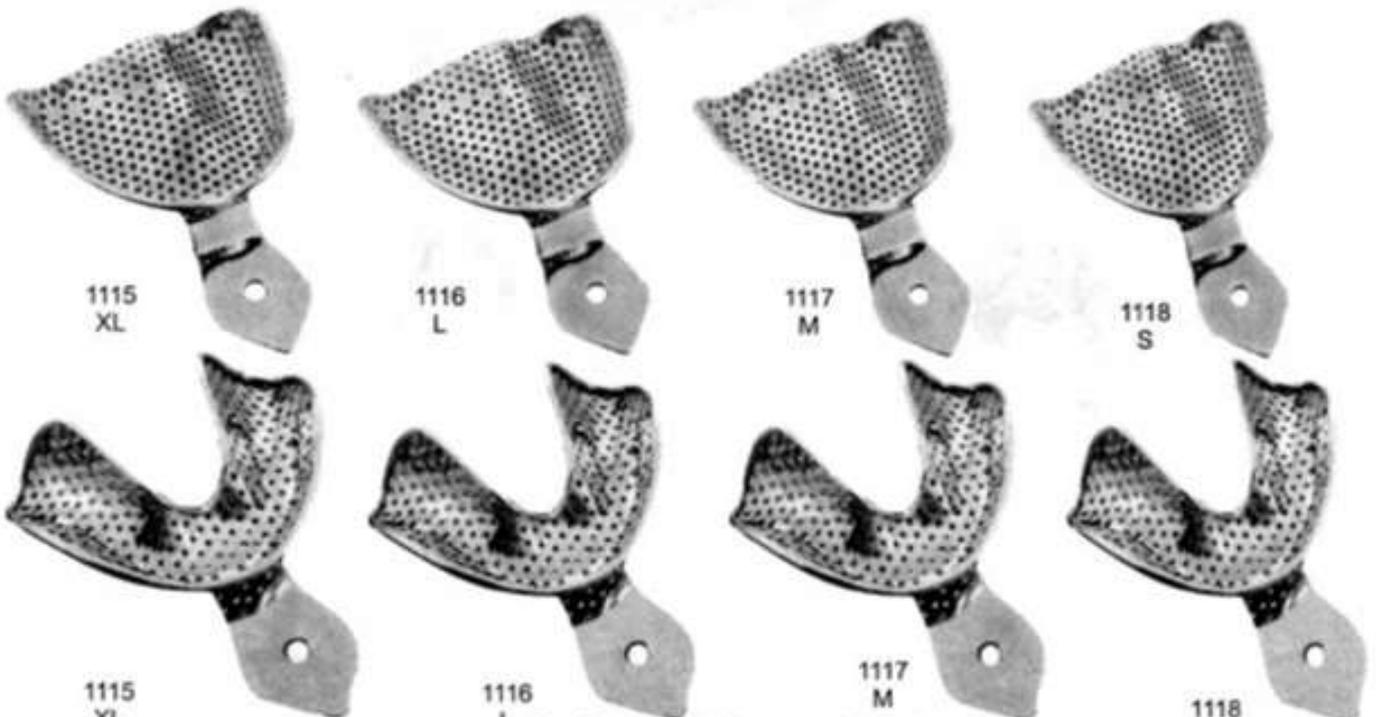
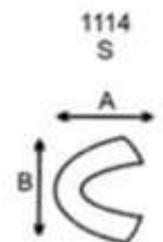
All the above impression trays are available in these 4 sizes

UPPER		XL	L	M	S
	A	70	67	64	60
B	79	76	70	73	

All Dimension are in mm

LOWER		XL	L	M	S
	A	64	64	60	57
B	86	70	73	70	

All Dimension are in mm



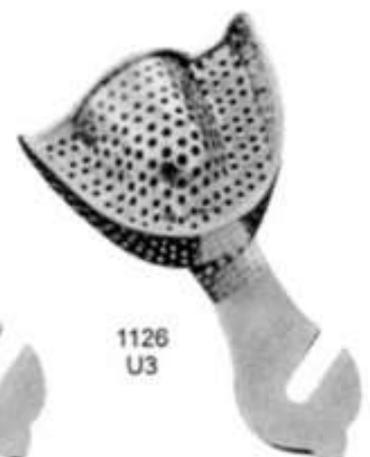
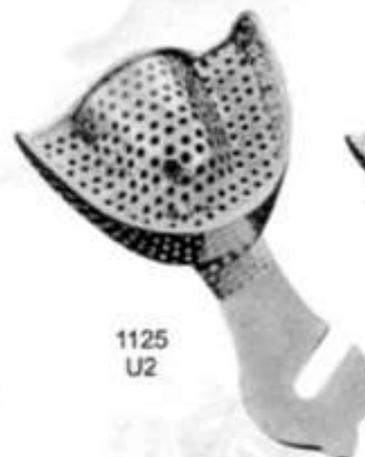
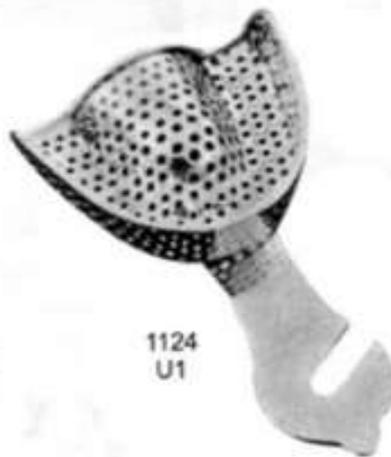
Perforated Full Denture Set of 8
225-035WA

For crown & bridgework Impression Trays



Upper Sizes 0,1,2,3,
Depth of the tray 15,9 mm
Height of palate 12,5 mm

Lower Sizes 0,1,2,3,
Depth of the tray 12,9 mm



Perforated Full Denture Set of 8
225-043VA

49. P.D.

HS VPS Tray Adhesive

Liquid, blue universal impression tray adhesive for all common addition cure silicone dental impression materials.

Content	Barcode	Art.-no.
10 ml		9889945

Universalus adhezyvas atspaudiniams šaukštams

Pakuotė: 10 ml buteliuke



HS Yellow T-mixer Tips 1:1

T-mixer mixing tips. Can be used for all standard impression materials with yellow caps. Less material is wasted due to the shorter mixing spiral.

Content	Barcode	Art.-no.
50 pieces		9009620



HS Yellow Intraoral Tips

Intraoral tips for use with yellow mixing tips.

Content	Barcode	Art.-no.
100 pieces		9000768



HS VPS Hydro 380 Bayonet Rings and Dynamic Mixing Tips for Automatic Mixing Machines (5:1)

Mixing tips and bayonet rings for use in automatic mixing machines (5:1). Color: yellow.

	Content	Barcode	Art.-no.
Bayonet ring	2 pieces		9002656
Mixer	50 pieces		9002657



HS Dynamic Mixing Tips P12

The transparent dynamic mixing tips for Pentamix 1 and 2 devices ensure that mixing your impression materials leads a homogeneous and bubble-free result.

Note: They are not compatible with the Pentamix 3 device.

Content	Barcode	Art.-no.
50 pieces		5720912

