The Flexring System for all Kinds of Pressed Ceramics for different Ingot Sizes has been convincing for many Years due to Variability and intelligent Design.

**Form Stability**
In contrary to silicone rings this material guarantees:
- stability in form and dimension over a long period of daily use
- the perfect fit to the ring base without widening the edge and thereby preventing the leakage of the investment material

**Patented, ribbed Surface**
The ribs inside of the ring former increase the surface area of the mold by 40%.
The advantages for the pressing process:
- faster and more homogeneous heating of the ring from the outside to the inside
- homogeneous and faster cooling

**Sector Markings**
The sectors marked inside the ring former and on the ring
- give the safety of an optimal positioning of the objects
- facilitate the locating of the objects for divesting
- save time and material while divesting (sandblasting)

**Elasticity**
The unique composition of the synthetic material ensures
- free expansion of the investment compound during setting
- easy cleaning of the ring former under running water
- constant quality of the ring without formation of cracks
Flexring 100 g Set - Ø 13 mm
- 100 g ring former
- Ring base for 3 g ingots (Ø 13 mm)
- Top cover for 100 g ring
Item-No. 20/0228

Flexring 200 g Set - Ø 13 mm
- 200 g ring former
- Ring base for 3 g ingots (Ø 13 mm)
- Top cover for 200 g ring
Item-No. 20/0229

Flexring 100 g Set - Ø 12 mm
- 100 g ring former
- Ring base for 2 g ingots (Ø 12 mm)
- Top cover for 100 g ring
Item-No. 20/0232

Flexring 200 g Set - Ø 12/16 mm
- 200 g ring former
- Ring base for 2 g ingots (Ø 12 mm) or
- Ring base for 5 g ingots (Ø 16 mm)
- Top cover for 200 g ring
Item-No. 20/0231 (Ø 12 mm)
Item-No. 20/0230 (Ø 16 mm)

Flexring 300 g Set - Ø 12/16 mm
- 300 g ring former
- Ring base for 2 g ingots (Ø 12 mm) or
- Ring base for 5 g ingots (Ø 16 mm)
- Top cover for 300 g ring
Item-No. 898/213 (Ø 12 mm)
Item-No. 898/236 (Ø 16 mm)

Ring Base /Top Cover (3 - pack)
- For 100 g ring and ingots with Ø 13 mm
Item-No. 898/118

Ring Base /Top Cover (3 - pack)
- For 200 g ring and ingots with (Ø 13 mm)
Item-No. 898/119

Ring Base
- For 100 g ring - Item-No. 558/150
- For 200 g ring - Item-No. 558/1512
- For 300 g ring - Item-No. 558/1513

Top Cover
- For 100 g ring - Item-No. 563/07510
- For 200 g ring - Item-No. 563/07502
- For 300 g ring - Item-No. 563/07505
DISPOSABLE PLUNGERS

For Pressing of Dental Ceramics and Lithium Disilicate

One of the major challenges in the laboratory daily work is the avoidance of error sources, which prevent consistent results. More than 8 million press plungers sold in a few years provide evidence of the efficient and safe processing of lithium disilicate pressed ceramics.

- The use of disposable press plungers prevents a heat accumulation after the pressing process, caused by the contact of the plunger with the lithium disilicate pressed ceramic.
- Does not require a separator when pressing lithium disilicate.
- Easy handling.
- No preheating.
- The cleaning of press residues is not necessary.
- Simply dispose of after use.

Better Results when pressing Lithium Disilicate

Zubler® disposable plungers have convinced the users due to their advantages in terms of pressing results, handling and profitability.

From the use of aluminum oxide plungers there result the greatest sources of error when processing pressed ceramics. They are jointly responsible for short pressings and cracking. Due to their unique material components, Zubler® disposable plungers prevent cracking in the transition zone between ceramic and plunger.

No sticking together of the pressing unit with non-removed ceramic residues on the Alox plunger and no conical plunger after repeated blasting.

Disposable Plungers in different Sizes for various Applications

Different sizes of the ingots require plungers in various sizes and lengths. To provide highest possible constancy to your pressing results and to avoid as far as possible variables that arise when using Alox plungers, Zubler® disposable plungers offer the ideal solution.

From the table below you can find the appropriate size of the plunger for each processing type from diameters of 12 mm for metal and zirconium pressed ceramics, to 16 mm for ingot sizes of five grams, to diameters of 13 mm for lithium disilicate glass ceramics.

<table>
<thead>
<tr>
<th>Ø Diameter</th>
<th>Item-No.</th>
<th>Application</th>
<th>Ingots</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 12 mm</td>
<td>20/0235</td>
<td>press to zirconium, press to metal, all-ceramic</td>
<td>2 g, 2 g, 2 g</td>
</tr>
<tr>
<td>ø 16 mm</td>
<td>20/0237</td>
<td>press to metal</td>
<td>5 g</td>
</tr>
<tr>
<td>ø 13 mm</td>
<td>20/0238</td>
<td>press to zirconium</td>
<td>3 g</td>
</tr>
<tr>
<td>ø 13 mm</td>
<td>20/0238</td>
<td>pressing of lithium disilicate</td>
<td>2 g, 3 g, 6 g</td>
</tr>
<tr>
<td>ø 13 mm, short</td>
<td>20/0241</td>
<td>pressing of lithium disilicate multi layer ingots</td>
<td>4 g</td>
</tr>
</tbody>
</table>

Disposable plunger or Alox-plunger?

Ceramic button pressed with disposable plunger

Ceramic button pressed with Alox-plunger

Typical marks of use and potential sources of error with Alox-plungers
Disposable Plungers
Ø 13 mm
- Packing unit: 50 pcs.
Item-No. 20/0238

Disposable Plungers
Ø 13 mm, short
- Packing unit: 50 pcs.
Item-No. 20/0241

Disposable Plungers
Ø 12 mm
- Packing unit: 50 pcs.
Item-No. 20/0235

Disposable Plungers
Ø 16 mm
- Packing unit: 28 pcs.
Item-No. 20/0237

CONCEPT VEST™ - Special Investment for Lithium Disilicate Ceramics
This investment which was especially developed for processing of Lithium Disilicate Glass Ceramics guarantees...
- perfect surfaces
- a minimal reaction layer after pressing
- high detail reproduction of the pressed objects
- consistent expansion values due to strict quality controls

CONCEPT VEST™ Powder
25 x 100 g
Item-No. 898/2066

50 x 100 g
Item-No. 898/2065

Mixing Liquid
1 Liter
Item-No. 898/204

* IPS e.max® is a registered brand of the company Ivoclar/Vivadent GmbH/Schaan (Liechtenstein)
Easy-Fix™ is a ready for use, fireproof material for the production of individual firing trays. With its soft, creamy consistency it has exceptional processing characteristics, which enable the technician to fix inlays, onlays, veneers, crowns and bridges on pins or directly on the firing tray.

Pressed ceramic objects on which cracks occurred, can be safely fixed on the firing tray and put into the oven for a correction firing. The fitting accuracy is retained, warping of shoulders and margins during firing are a thing of the past.

Repair of pressed objects

1. Safe holding with Easy-Grip™
2. Fill with Easy-Fix™ Paste
3. Completely fixed firing object
4. Repaired pressed object after firing

Fixing of all-ceramic objects

1. Put in Easy-Fix™ Paste
2. Put on firing tray carefully
3. Pressed object after firing
4. Easy removal of Easy-Fix™

Fixing of metal ceramic objects

1. Ceramic shoulder before firing
2. Fill with Easy-Fix™ paste
3. 3-unit-bridge prepared for firing
4. Bridge after firing

Easy-Fix™
Item-No. 20/0550

Easy-Grip™
Item-No. 20/0500
The excellent Training Method to combine Digital and Conventional Dental Technology

In order to perfect the press technology of lithium disilicate ceramics, we provide you excellent documentation with this training kit. Three different restoration possibilities (anterior tooth for the cut-back technique, premolar and molar-onlay for the staining technique) were scanned and milled in wax with a milling machine (DCS / Dental Concept Systems) accurately fitting for the model included in the kit.

Use these wax parts to optimize the press technique for lithium disilicate in your lab, without the time loss created by modeling the objects and convince yourself of the extraordinary fit of the "mill and press technique". Finished with DC Ceram™ 9.2 ceramics and conceptArt stains, you will hold in your hands all-ceramic restorations of highest precision and quality.

conceptPress Training Kit

Content:
- Model for Training
- Wax Blank, milled Ø 98 mm
- 5 Lithium Disilicate Ingots
- Stains
- Glaze & Glaze Liquid
- DC Ceram™ 9.2 Enamel
- Build up Liquid
- Ring Base Ø 13 mm Plunger
- Disposable Plungers

Item-No. 46-1007
Tongs  
Item-No. 898/4136

Tweezers  
Item-No. 898/106

Silicone Spray  
Item-No. 551/015

Firing Tray with Pins  
Content:  
- Firing tray  
- Pins (5 pcs.)  
Item-No. 898/1045

NOTES: