

Presso-Matic – MetaFix – Mini-Presso-Matic

Instructions for use for

Screws and retention elements

Activation, deactivation, repairs and regular servicing of attachments should only be carried out by trained personnel using original instruments and components.

Mechanically cleaning attachments with a toothbrush and toothpaste can cause premature wear and tear of the functional components.

Upon publication, these instructions for use supersede all previous editions.

The manufacturer is not liable for any damages due to the user disregarding the instructions for use below.

Traceability of lot numbers

The lot numbers of all components must be recorded to ensure that they can be traced.

Disinfection

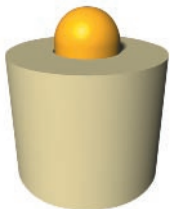
This product is supplied non-sterile. Every restoration must be cleaned and disinfected before trying in or fitting permanently.

Allergies

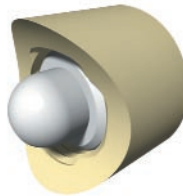
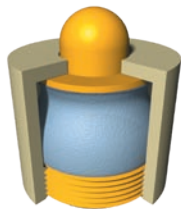
This product must not be used for patients known to be allergic to one or several of the elements contained in the attachment materials. Under suspicious circumstances, this product must only be used after preliminary allergological testing and proof that no allergy exists.

Further hints

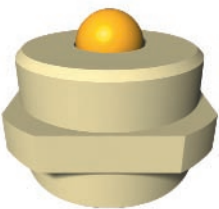
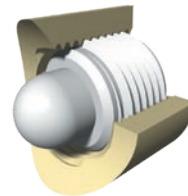
for processing precious metal alloys are available in the Dental documentation of Cendres+Métaux and in the Internet by visiting www.cmsa.ch/dental.



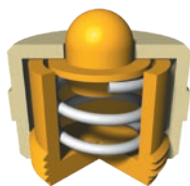
Presso-Matic



MetaFix



Mini-Presso-Matic



Rx only

The products carry the CE sign.
See packaging for details.

Presso-Matic – MetaFix – Mini-Presso-Matic

Presso-Matic

Housing	C = Ceramicor®
Integration: casting-on or soldering	to precious metal alloys
Retention bolt	A = Alpa
Screw bolt	O = OSV
Elastic buffer	Plastic

MetaFix

Housing	C = Ceramicor®
Integration: casting-on or soldering	to precious metal alloys
Screw bolt	S = Syntax

Mini-Presso-Matic

Housing	C = Ceramicor®
Integration: casting-on or soldering	to precious metal alloys
Retention bolt	A = Alpa
Cap screw	O = OSV
Spiral spring	X = Steel
Screw bolt	O = OSV

Indications

Retentive or screw retained element for mounting into secondary parts of milled work.

- Telescope crowns
- Individually milled bar sleeves
- Individual slide attachments

Contraindications

- Primary parts having a wall thickness of less than 0.8 mm.
- Conically milled primary parts.

Instructions

MetaFix locking screw

The locking screw is unscrewed only a short distance above the concave edge of the sleeve and then marked at its highest point with a marking dye (e.g. Tanaka BiteX, lipstick). The locking screw is now positioned at the previously selected spot. The position of the bolt or MetaFix locking screw is now shown by the marking dye. Now a pilot hole is drilled with a round bur of 0.5 mm and 1.0 mm. Using a conical, cross-toothed milling cutter, the hole is carefully widened to a diameter of 1.1 mm. The bolt must still show a slight clamping effect in the bolt socket.

Delivered as long as stocks last in:

Presso-Matic:

Housing	Novostil	1400–1460 °C
Retention bolt	Ancrofluct	
Locking screw	Ancrofluct	
Elastic buffer	plastic	

MetaFix:

Housing	Novostil	1400–1460 °C
Locking screw	Titanium	

Mini-Presso-Matic:

Housing	Novostil	1400–1460 °C
Retention bolt	Ancrofluct	
Cap screw	Ancrofluct	
Screw bolt	Ancrofluct	
Spiral spring	Stainless Steel	

C = Ceramicor®

Au 60.00 %, Pt 19.00 %, Pd 20.00 %, Ir 1.00 %
T_s – T_L 1400–1490 °C

O = OSV

Au 60.00 %, Pt 10.50 %, Ag 7.00 %, Pd 6.50 %, Cu 14.00 %, Zn 2.00 %

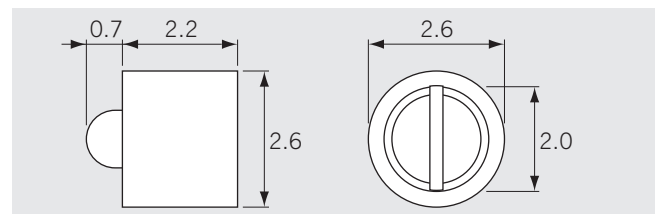
A = Alpa

Au 35.00 %, Pt 1.00 %, Pd 10.50 %, Ag 41.00 %, Cu 12.00 %, In 0 < 1.00 %

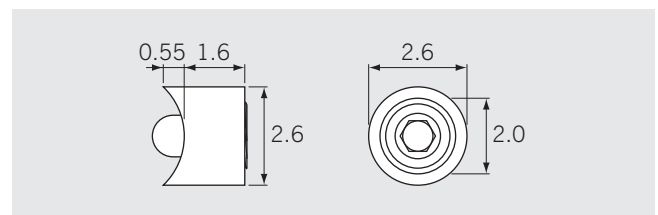
S = Syntax TiAl6V4 ELI (grade 5)

Ti > 89.478 %, Al 6.00 %, V 4.00 %

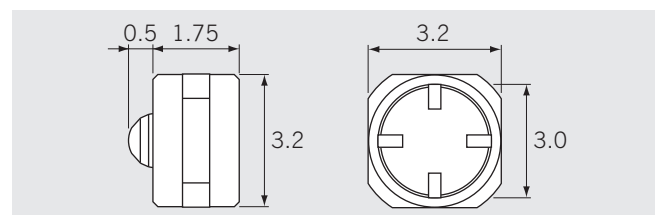
X = Steel, contains nickel ⚠



Presso-Matic



MetaFix



Mini-Presso-Matic

Wax-up

Already at the waxup stage of the primary anchor, attention must be paid to the application of a flat wall (of a wall thickness of at least 0.8mm) parallel to the direction of insertion. When waxing-up the removable secondary part, seat the dismantled housing with its perforated front side, apply a very thin wax layer firmly against the flat surface of the primary anchor.

MetaFix: Before modelling the secondary unit, it is advisable to roughen the sleeve on the outside with a small grindstone. Soft wax (e.g. positioning wax) is applied to the concave front face of the housing and positioned with the retention bolt in the bolt socket. The secondary part is now made with autopolymerisable (e.g.: GC Pattern Resin). Care should be taken in so doing, that a small space should remain between the outer edge of the casting's sleeve and the modelling (approx. 0.2mm).

Investing and casting

After completion of the wax-up, screw the auxiliary screw for modelling (for Presso-Matic and MetaFix Order No. 200004485, for Mini-Presso-Matic Order No. 200004478) in firmly and invest in the usual fashion. If the auxiliary screw for modelling is not to be used, make sure the housing is completely filled with investment. Cast in the usual fashion with a class IV gold alloy or with any precious bonding alloy. After deflasking and possibly sandblasting, the investing mandrel is removed and only then should the casting be pickled. (Never pickle with the mandrel in position.) We recommend the use of our pickling salt Desoxid MP.

Finishing

The very small size of the Mini-Presso-Matic does not permit any retouching. After fitting and first polishing of the secondary part (in place on the primary part), the anchoring recess in the primary section can be fashioned. If necessary use the reamer (Order No. 200004483) or the thread tap (Order No. 200004484) for Presso-Matic or MetaFix, the thread tap (Order No. 200004481) for Mini-Presso-Matic.

Preparation of the recess for the plunger

Fixed and removable parts are joined together. Using a needle outline the anchoring recess on the coping through the hole. An indentation should then be made at the lower centre of the circle with a 0.8mm \varnothing bur as in the diagram. Using a 1.2mm \varnothing round bur deepen and enlarge the hole until the depth corresponds to half of the diameter of the bur. Using a 1.10mm \varnothing round bur, taper the anchoring recess towards the top as far as the marked circle.

Presso-Matic and Mini-Presso-Matic: Notch the top of the coping with a flame-shaped burr to facilitate the insertion.