

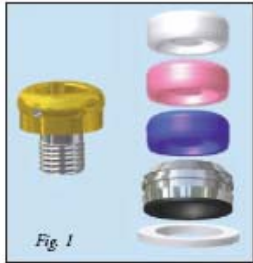
THE SWISS NF METALS NEWSLETTER

"A COMPANY FOR DENTAL SOLUTIONS"

VOLUME 1, ISSUE 2

WINTER 2006

Yes, We Carry the Locator® Attachment!

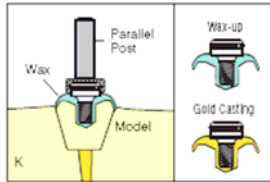
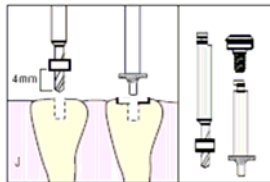


The **Locator®** is a low profile resilient stud attachment with easily replaceable plastic male inserts. The Locator features 'dual retention' with the male element engaging both inside and outside the female element and has a self-aligning feature, which facilitates insertion by the patient. A clear regular retention, a pink light retention and a blue extra-light retention male insert are included with the 'Complete' Kit (Fig. 1). The plastic males are easily removed from the metal housing and replaced using the multi-purpose **Locator® Core Tool** (shown below). The tool may also be used to insert Locator implant females. The Locator females are available in a variety of forms. Along with a cast-to version, there is also a direct cement-in type which have pre-angled females that are available at 0, 10 or 20 degrees.

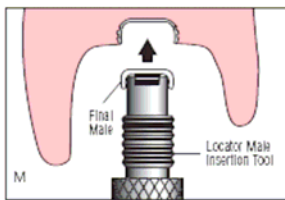
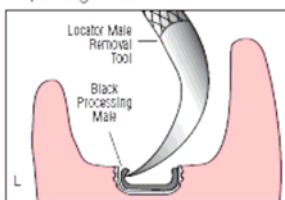
NEW! The Locator is a great attachment to use with implant bar restorations (Fig. 2). There is a **Cast-to-Bar (A)** and a **Tap & Screw-in (C)** version of the female Locator to be used with any gold bar system. There is also a titanium female Locator that can be **Laser-welded** to a titanium bar and a steel Locator that can be Laser-soldered to a gold bar (B). The **Locator Bar Male** includes an extra spacer, which creates more resilience for bar restorations.



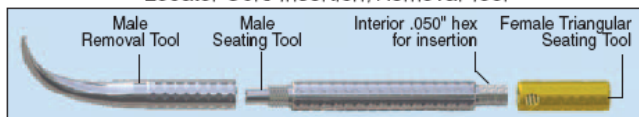
Cast-to Technique



Replacing Worn Males



Locator Core Insertion/Removal Tool



Code	Product
63-008050	Locator Cast-to Complete : 1 Female, 1 Metal housing with black nylon processing male and spacer & 3 final male inserts (one of each retention)
63-008051	Locator Cast-to Kit : 4 cast-to females with parallel posts, 4 complete males, 1 pilot drill & 1 spot face diamond drill
63-008000-20	Locator Direct Complete - 0, 10 or 20 degrees: 1 Female, 1 Metal housing with black nylon processing male and spacer & 3 final male inserts (1 each)
PARTS:	
63-008528	Locator Cast-to Female Only (1)
63-008586	Locator Cast-to-Bar Female Only (2)
63-008588	Locator Laser-weld for Titanium Bar Female Only (2)
63-008590	Locator Laser-weld for Gold Bar Female Only (2)
63-008589	Locator Tap & Screw-into-Bar Female Only (2)
63-008520-22	Locator Direct Female Only : 0, 10 or 20 degrees
63-008519	Locator Male Complete : 1 Metal housing with black nylon processing male and spacer & 3 final male inserts (one of each retention)
63-008028	Locator Bar Male Complete : 2 Metal housings, 2 yellow processing males, 4 spacers, 6 final male inserts (two of each retention)
63-008524	Locator Replacement Male Inserts : Clear, regular retention, 5 lbs. (4)
63-008527	Locator Replacement Male Inserts : Pink, light retention, 3 lbs. (4)
63-008529	Locator Replacement Male Inserts : Blue, x-light retention, 1.5 lbs. (4)
63-008547	Locator Extended Range Replacement Males: green, regular retention (4)
63-008548	Locator Extended Range Replacement Males: red, x-light retention (4)
63-008505	Locator Impression Male
63-008516	Locator Female Analog Standard 4mm
TOOLS:	
63-008517	Locator Parallel Posts (4)
63-008393	Locator Core Insertion / Removal Tool
63-008922	Locator Spot Face Diamond Drill

Locator Dimensions

Female Diameter	3.85mm	Housing Diameter	5.0mm
Female Height	2.3mm	Post Diameter	1.75mm
Male Diameter	4.65mm	Total Height	3.0mm



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Dip With Confidence



Lock in precision, accuracy and efficiency with Talladium's **Galileo™ Dip Pot!** The Dip Pot electronically controls the thickness of dipped wax copings as thin as 0.2mm. It also maintains desired temperature within 1 degree, with a range of 86°-248°F. The LED digital readout displays the temperature setting and stores it in memory even after the unit is turned off. The lead-in bevel design insures excess wax drops run back into the pot. The uniform wax thickness reduces metal finishing time. The composite exterior housing provides a cool surface to support the right or left hand against the unit for uniform dips.

Galileo™ Dip Pot Wax is not just a dipping wax, but also a perfect margin wax all in one. Its high chroma and value make it easy to identify thick and thin areas. It is an ash-free wax with a melting temperature of 165°F. You can dip, seal the margin, hot trim the skirt away and carve in 3 minutes!

Galileo™ Beige Modeling Wax has great carvability for clean detailed contouring. They can be used for creating crowns, inlays and onlays with ease. Its light beige colour makes this wax perfect for diagnostic wax-ups and pressables.

Code	Galileo™ Description	Price	Special*
12-470	Dip Pot (110 Volts)	\$ 385.00	\$ 385.00
12-460G	Green Dip Pot Wax (3.5oz)	\$ 33.90	\$ 32.90
12-460Y	Yellow Dip Pot Wax (3.5oz)	\$ 33.90	\$ 32.90
12-466	Beige Modeling Wax (3oz)	\$ 35.50	\$ 33.50

PROMOTION
BUY A DIP POT,
GET A DIP POT WAX FREE!

Express Your Creativity with Precision

Several waxes comprise the line of **Metalor ABF Waxes**. The different properties of the waxes allow for many applications. The waxes are shiny and dense after carving with no residue remaining on the surface after heating. The unique 'snap-top' design makes using ABF Wax containers easy to use.

ABF Universal Wax, as the name implies, is an excellent general purpose blue modeling wax. Use for the construction of occlusal surfaces, coronal walls, and reconstructing parts of bridges. Working temperature is 65°C. (#400003474)

ABF Special Grey Wax is ideal for applications where a neutral colour is desired for good visual control. Special wax has a texture that is suited for easy modeling. Use for pressable ceramic systems where these properties and residue-free benefits are important. Working temperature is 66°C. (#400003480)

ABF Margin Wax is red and is used for the first layer of the coping and secondary components of the milled work. It establishes greater stability at the marginal edges, ensuring a greater degree of precision of the coping. Working temperature is 67°C. (#400003473)

ABF Creativ Light & Dark Wax provides colouring (Light) and shade contrasting in fissures (Dark). Both of these waxes remain opaque in the liquid state. It is the perfect choice for demonstrating and diagnostic purposes. The Light wax is beige (#400003475) and the Dark wax is brown (#400003476). Both have a working temperature of 66°C.

ABF Techno Wax is an extra-hard green wax for milling operations that require high abrasion resistance on the edges. Recommended for rotating instruments and thermal probes. The working temperature is 64°C. (#400003477)

Code	Description	Price	Special*
Assorted	Metalor ABF Waxes (75g)	\$ 28.00	\$ 26.50



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Introducing ^{SNF}PressCeram™ - Z/Ti

The ^{SNF}PressCeram™ - Z/Ti layering ceramic is a low fusing (750°C) dental ceramic sinter material, used for the production of crowns and bridges made of Zirconium Oxide (ZrO₂) frameworks. The ^{SNF} PressCeram™ - Z/Ti layering ceramic also works beautifully with any Titanium based framework using the Titanium Paste Opaque. The newly developed chemical composition of the primary materials, their structure and particle distribution guarantee an easy, straightforward and safe application without a lengthy cooling process. The layering ceramic can be used independently on Zirconia frameworks as well as in conjunction with the Pressed-To-Zirconia ingots.



The ^{SNF}PressCeram™ - Z/Ti pressing ingots are available for pressing over Zirconium Oxide (ZrO₂) frameworks. Pressing-To-Zirconia allows the technician to accurately control the margins of a restoration as well as the occlusion. There are six different Liners which allow more options to control inner chroma and hue. This aids the technician in masking the stark white substructure. Although the Liner is a useful tool, it is not necessary for many types of Zirconia.

Both the ^{SNF}PressCeram™ - Z/Ti layering ceramic and pressing ingots are available in a wide range of shades according to the Vita® shade system. Call now for more information so that you can test this truly esthetic, easy-to-use system.

Code	Description	Price
SNFZT-100	SNF PressCeram Z/Ti Test Kit	\$ 235.00

^{SNF}PressCeram™
ZIRCONIA/TITANIUM

Reduce Your Chances of a Miss-press!

Why use Talladium's **Disposable Plungers**? Talladium's disposable plungers are specifically designed to uniformly cool with the mold, eliminating the thermal shock that could possibly cause cracked cores or veneers. The plungers are doubled fired for added strength and reliability, and can be used for all pressable ceramic systems. There is no need to preheat Talladium's disposable plungers. Just place it into the ring immediately.



Code	Description	Price	Special*
12-900-P	Disposable Plungers (50)	\$ 78.00	\$ 75.00
H-592.000	Standard ALOX Plungers – 2g (1)	\$ 45.00	\$ 40.50
H-088.000	Standard ALOX Plungers – 5g (1)	\$ 65.00	\$ 58.50

Upcoming Courses

^{SNF}PressCeram™
3-IN-1 FUSION OF CERAMICS

January 21-22, 2006: ^{SNF}PressCeram™ Pressed-to-Metal & All-Ceramic Hands-On Course, Toronto, ON

January 27-28, 2006: ^{SNF}PressCeram™ Pressed-to-Metal & All-Ceramic Hands-On Course, Montreal, QC

February 6, 2006: Academy of Dental Technology with Swiss NF Metals Presents an Evening Lecture...
Biocompatible Prosthetics: An Aesthetic Advantage - ^{SNF}PressCeram™ with Gramm Electroforming, Toronto, ON

March 10-11, 2006: ^{SNF}PressCeram™ Pressed-to-Metal & All-Ceramic Hands-On Course, Vancouver, BC

April 1-2, 2006: ^{SNF}PressCeram™ Advanced Pressed-To-Metal with Hybrid Frameworks Course, Toronto, ON


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High Gold Long-Span Bridge Alloy



SNF K-1 is one of the first alloys that Swiss NF Metals started with over 30 years ago. It is our heritage alloy that has many years of proven success. SNF K-1 is made using two master-cast alloys which have a composition of Au 84%, Pt 7.8%, Pd 5%, Ag 1.5%, In 1% and Ir >1%. There is also a trace element of Rhenium to help harden the alloy. Rhenium not only makes the alloy very stable when casting but there is also less chance of the framework warping or bending when repeatedly firing the restoration with porcelain. The increase in stability allows SNF K-1 to be a rare alloy that allows the technician to cast either a single unit or a full roundhouse in high gold. So if you are looking for a versatile high gold alloy that can do anywhere from a single crown to a 14-unit bridge, SNF K-1 is your alloy of choice!

Density (g/cm ³)	Casting Temp	Vicker's Hardness (HV5)	0.2% Yield Strength (N/mm ²)	Elongation (%)	Modulus of Elasticity (N/mm ²)	CTE (25-500C)	CTE (25-600C)
18.1	1410°C	200 after bonding	400 after bonding	40 after bonding	95,000 after bonding	14.3	14.6

Helping You Get a Cleaner Cast!

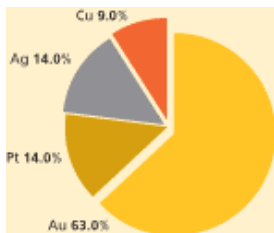


By applying Metalor's casting fluxes, oxidization of an alloy during melting is avoided. You just glaze the crucible with the flux and it yields excellent, clean results. There are two types of casting fluxes that are available, depending on the type of alloy you are casting. **Boric Acid** is a high fusing flux for all casting alloys with a solidus temperature greater than 1000°C / 1832°F. As a general rule, Boric Acid is recommended for use with bonding alloys. **Borax** is a melting flux for all casting alloys with a solidus temperature less than 1000°C / 1832°F. Borax is typically recommended for use with 'crown & bridge' alloys.



Code	Description	Price	Special*
400001546	Boric Acid (100ml)	\$ 39.00	\$ 36.00
400001545	Borax (100ml)	\$ 39.00	\$ 36.00

Have You Been Looking For Gold Wire?



Ancofil gold wire from Metalor is a great option for clasps, attachments and other dental uses. The round wire is made of a light yellow precious alloy that is palladium free. The single wires are packaged in approximately 200mm lengths. Ancofil gold wires are available in a variety of diameters. The packages vary in weight depending on the diameter of the wire. The price of our gold wire depends on the price of alloy and varies daily. Please call us for today's price!

Diameter	0.4mm	0.7mm	0.8mm	0.9mm	1.0mm	1.1mm	1.2mm	1.4mm	1.6mm
Weight	0.4g	1.25g	1.65g	2.05g	2.55g	3.05g	3.65g	4.95g	6.45g

* Special pricing and promotions within this newsletter are valid until March 31, 2006. Also, the specials in this flyer are not valid with any other specials.



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