

Ready-Made Molds

Temporary Bridges - Temporary Jackets
Wax Pontics & Abutments



T.M.



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Dear Customer,

For almost half a century, dentists and dental technicians have been using The Perfectone Mold System worldwide as a matter of standard procedure. Its vast appeal is attributed to one important factor in the operation of any successful business - reduced costs. By saving expensive labor time, this unique waxing system eliminates the high cost of purchasing ready made preformed wax patterns. To assist in almost every endeavor, the Perfectone Mold System offers five unique products:

Crown and Bridge Molds for Wax Pontics - There are over 50 designs for wax pontics covering every phase of Crown and Bridgework. Like all of our molds, these are made of an extremely flexible, resilient self-lubricating plastic. All you need to do is fill a medicine dropper with the hot wax and squeeze it out into the mold. When the wax chills, the mold simply pops out and is ready to be adapted to a model. Four popular sizes in each mold help inexperienced technicians to complete a professional wax-up quickly, while an experienced technician will complete the job even faster.

Chairside Emergency Bridge and Jacket Molds - Designed and introduced in 1980 by Perfectone, these molds have quickly become the "must have" standard equipment in all dental offices and laboratories around the globe. The use of these molds eliminate time consuming techniques for temporary bridges, and the need to constantly repurchase ready-made temporary shells for temporary jackets.

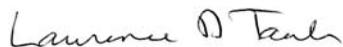
Jewelry Molds - We also have a complete line of Jewelry Molds from which you may design literally thousands of wax patterns to cast in your dental office or laboratory. We would be happy to send a catalog on your request.

Novelty Molds - Our Novelty Molds produce whimsical, 3-dimensional caricatured animals, ranging from 1 inch to 2 inches tall. They can be cast in plaster, epoxy, stone, wax and soap on innumerable occasions. A separate catalog is also available at your request.

Custom Mold Department - This service has helped meet the individual needs of numerous dental schools, clinicians and manufacturers around our nation as well as in other parts of the world. All we need to meet your unique needs is your study model. We do the rest by producing a mold that will pour literally hundreds of models for years to come.

The Perfectone Mold Company is looking forward to being of service to you in the near future. We are dedicated to creating the highest quality, easy to use molds on the market.

Sincerely yours,



Lawrence D. Taub

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HOW TO MAKE A LIGHT-CURE ACRYLIC OR COMPOSITE JACKET

1. Using a Boley Gauge, take a buccal-lingual and mesio-disial measurement of the tooth to be restored (at the gingiva).
2. Transfer these measurements to a preparation on the male part of the mold or to scale provided.
3. Almost fill the female part of the mold opposite the selected preparation on the male part. The composite cannot be too stiff. Some composites can be softened in a microwave oven (2 minutes), or mixed softer by using the bonding agent with the composite. Flowable composite & Bis-Acryl resins have ideal consistency.
4. Close the mold, be sure to engage the key at the center of the mold first. Do not press hard. Place the mold in a light chamber, or use a hand-held light gun to the transparent side of the mold. The transparency of the mold will allow the light to pass through and cure the composite.
5. To make a pontic, merely select the proper tooth in the female part of the mold. Follow #3 above and then place the mold in a light-cure chamber for 2 minutes, follow the manufacturers procedure, or use a light gun.
6. After the first light exposure - remove the tooth from the mold, and give it a second treatment to complete the hardening process.

HOW TO USE COLD-CURE ACRYLIC

1. Select proper shade.
2. Mix acrylic in dappen dish or plastic cup - and pour into the mold. Follow same steps as with composite jackets and bridge instructions.
3. When acrylic has polymerized, just pop out of the mold. Remove any flashing.
4. A pressure pot can be used to really harden the cold cure jackets and bridges.

HOW TO MAKE WAX PATTERNS

1. Heat a small amount (4 oz.) of Perfect-Wax (acqua or tooth color) in a tin or small pot. Use an electric wax pot or an electric hot plate.
2. With a glass medicine dropper suck up the liquid wax and syringe into the female part of the mold. Put the male counterpart into place as per previous instructions.
3. When wax is chilled - flex the mold and the wax pattern will pop out.
4. Avoid using dark colored wax which could stain mold or contaminate acrylic.

HOW TO USE PERFECTONE MOLDS FOR WAX:

Como usar los moldes plásticos de Perfectone:
Die Verwendung von Perfectone plastischen Gussformen:

- 1. Heat casting wax in small tin or laboratory wax pot. Suck up wax in glass medicine dropper supplied with mold.**



Caliente usted la cera fundible en una lata pequeña o en un crisol de laboratories Chupe usted la cera en el cuentagotas de vidrio que está provisionado con el molde.

Wärmen Sie das Gusswachs in einer kleinen Dose oder in einem Tiegel von Labor, Mit der besorgten Augenpipette saugen Sie das geschmolzene Wachs ein.

- 2. Spread the mold slightly and shoot the wax into the mold from the dropper. The wax should be hot enough to flow like water. Allow the wax to chill.**



Extienda usted el molde un poco y dispare la cera del cuentagotas en el molde. La cera debe ser bastante caliente para fluir como agua. Déje usted calofriarse la cera.

Breiten Sie de Gussform ein wenig aus und spritzen Sie das Wachs von der Augenpipette in die Gussform hinein. Das Wachs soll heiss genug sein, um wie Wasser zu fließen. Lassen Sie das Wachs abkühlen.

- 3. Hold mold in left hand, and press 2 or 3 fingers in back of the mold to help "push" out the pattern - at the same time flex the mold by pressing down with your right hand on the opposite end of the mold, as in illustration.**

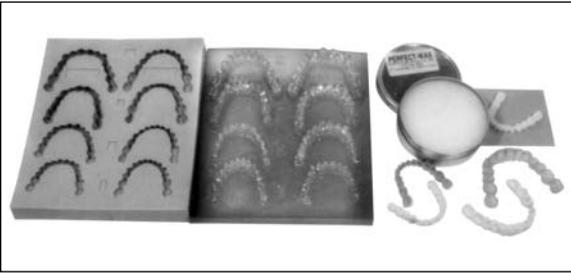


Tenga usted el molde en la mano izquierda y aprete dos o tres dedos contra el dorso del molde para ayudar en "empujar" el patrón. - A la vez doble usted el molde por presionar con la mano derecha sobre el otro cabo del molde, como ilustrado.

Halten Sie die Gussform in der linken Hand und drücken Sie mit zwei oder drei Finger an die Rückseite der Gussform, um das Muster frei zu "stossen" - gleichzeitig biegen Si die Gussform mit Druck von der rechten Hand auf dem gegenüberstehenden Ende der Gussform - zur.

#47 ROUNDHOUSE PROVISIONAL MOLD

Use Mold Release Spray



2 PART MOLD SYSTEM

Produces Molar to Molar Interdigitating Upper and Lower Dentitions

Creates four sizes

USES: For waxing diagnostic models (i.e. using tooth color Perfect-Wax). For cold-cure acrylic, Bis-Acryl and flowable composite resin provisional bridges. For pouring female counterpart in plaster of paris and using cast as a teaching reference for occlusal & labial anatomy.

Temporary bridge “shells” can also be made in wax from this mold if a “hot-cure” bridge is to be made.

Use tooth color Perfect-Wax for diagnostic models.

Female half of mold can be utilized for multiple solid pontics (in wax and cold-cure acrylic) for speed wax-up of gnathological and diagnostic study models.

Female half of mold can be cast in plaster of paris or stone as a teaching reference for occlusal and labial anatomy.

Who will find this mold helpful?

- Prosthodontists
- Implantologists
- General Practitioners
- Dental Technicians
- Dental Schools as a Teaching Tool
- Students

All Purpose Tooth Shell Mold

For Temporary Jackets and Diagnostic Models, etc.

#49A
ANTERIOR

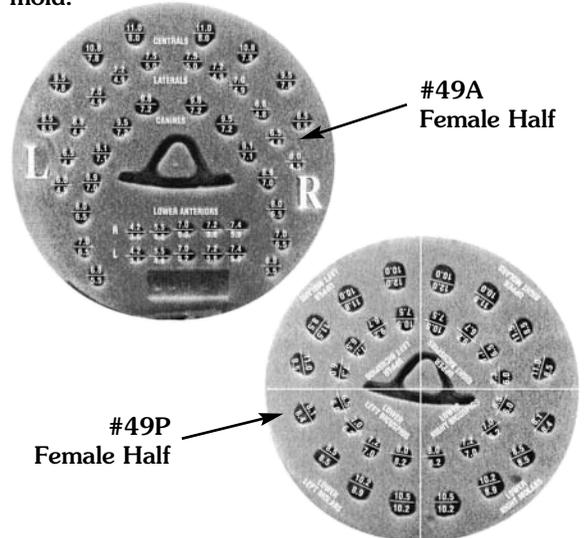
#49P
POSTERIOR



FOR USE WITH:

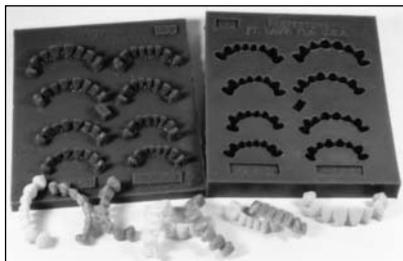
- Light Cure Composites
- Light Cure Acrylic
- Cold Cure Acrylic
- Epoxy
- Wax
- Stone-Plaster

Measure Mesial-Distal and Buccal-Lingual at the Gingiva in mouth or on model. Transfer that measurement to the appropriate tooth on the mold.



#43A TEMPORARY BRIDGE MOLD KIT, ANTERIOR

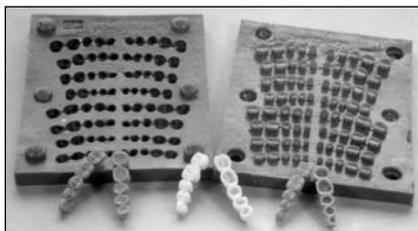
Use Mold Release Spray



#43A MOLD KIT PRODUCES:

- 8 1x8 BRIDGES
- 4 sizes, 1x8 Upper
- 4 sizes, 1x8 Lower

#43P TEMPORARY BRIDGE MOLD KIT, POSTERIOR



#43P MOLD KIT PRODUCES:

- 16 1x5 BRIDGES
- 4 sizes, 1x5 Upper Left | 4 sizes, 1x5 Upper Right
- 4 sizes, 1x5 Lower Left | 4 sizes, 1x5 Lower Right

USES #43A&P: Designed for cold-cure acrylic temporary bridge abutment & pontic “shells” for Dental Office & Laboratory use. Temporary bridge “Shells” can also be made in wax from this mold if a “hot-cure” bridge is to be made. Female half of mold can be utilized for multiple solid pontics (in wax) for speed wax-up of gnathological and diagnostic study models. Merely pick the nearest size for the bridge needed - pour cold cure acrylic into the mold and close. When acrylic is not quite hard and still “floppy,” remove from the mold and cut off “flash excess” and unwanted teeth with surgical scissors and insert still soft acrylic structure in mouth over preparations. When the acrylic is hard - remove from mouth and reline pontics and abutments with cold-cure acrylic and reset in mouth. Trim off any excess and polish.



PLIABLE-PLASTIC *perfect-wax*

Tooth Color Perfect-Wax

- 4 oz Tin

Crown & Bridge Perfect-Wax

- 4 oz Tin Acqua
- 1 lb Bulk Acqua

perfect-wax is a totally new product developed by our Research Department especially suited for Perfectone Molds. In its setting stage it is flexible. When chilled it becomes a rigid tough wax.

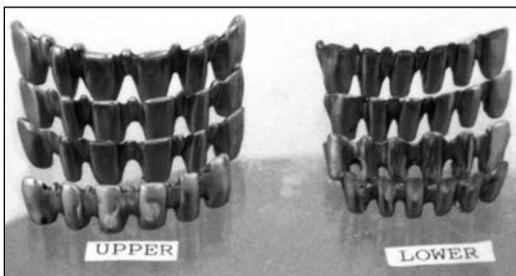
perfect-wax burns out with NO ASH RESIDUE. You will notice that your mold will not become stained as it will with other casting waxes.

perfect-wax will not crack or chip. It flows smoothly without running, and chills quickly due to low melting point. 170°F.

perfect-wax is ideal for general waxing purposes such as in crown & bridgework, partial prosthesis, gnathological waxing and for direct waxing in the mouth.

perfect-wax is great for “flash” dipping dies to make wax coping abutments.

#36A MULTIPLE CERAMI-FRAME, ANTERIOR



#36A MOLD KIT PRODUCES:

TOTAL 8 FRAME PATTERNS

4 Upper, 1x6, Small, Med., Large, Extra Large

4 Lower, 1x6, Small, Med., Large, Extra Large

USES #36A&P: Designed for Full Porcelain Coverage in ceramic work. Each frame is a clean professional wax-up with high interdental spaces. Classic design with shoulder on lingual extended to the tissue.

#36P MULTIPLE CERAMI-FRAME, POSTERIOR

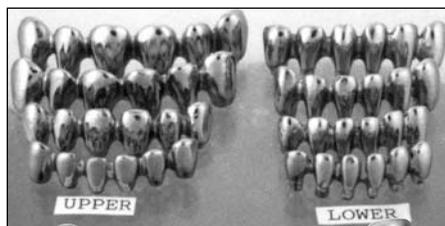


#36P MOLD KIT PRODUCES:

TOTAL 8 FRAME PATTERNS

4 left side, 1x4, Small, Med., Large, Extra Large

4 right side, 1x4, Small, Med., Large, Extra Large



#41A NON-PRECIOUS CERAMI-FRAME, ANTERIOR

Patent # D268,868

#41A MOLD KIT PRODUCES:

TOTAL 8 ANTERIOR PATTERNS

4 Upper, 1x6, Small, Med., Large, Extra Large

4 Lower, 1x6, Small, Med., Large, Extra Large



#41P NON-PRECIOUS PALLADIUM CERAMI-FRAME, POSTERIOR

Patent # D268,869

#41P MOLD KIT PRODUCES:

TOTAL 8 FRAME PATTERNS

4 left side, 1x4, Small, Med., Large, Extra Large

4 right side, 1x4, Small, Med., Large, Extra Large

USES #41A&P: Designed for full porcelain coverage of non-precious and palladium alloy metals. Each pontic is a basic rounded tooth form - so that porcelain can be laminated in a uniform layer over the casting. This will eliminate uneven thickness of porcelain; the primary cause of checking, porosity and breakage.

BULLET PONTIC MOLD

For 100% Porcelain Coverage
A Two-Part Mold for Wax Patterns

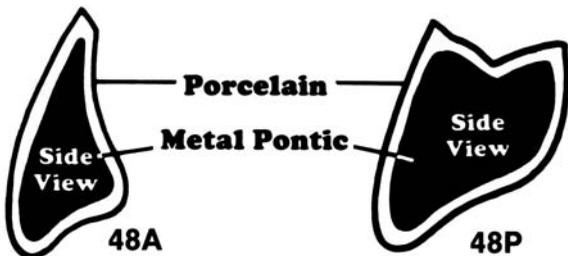
FEATURES:

1. GLAZED PORCELAIN contact on tissue with "bullet" shaped contact.
2. HIGH PROXIMAL EMBRASURES for hygienic flossing.
3. SUPERIOR SEPARATION of pontics on labial and buccal for a more sanitary and natural look.
4. MINIMAL CASTING WEIGHT for economy.
5. Designed for all casting metals.
6. Four popular sizes. - Upper and Lower in each mold.

#48A ANTERIOR



#48P POSTERIOR



#50 SPRUE TREE MOLD KIT



Now you can make your own sprue trees in your own favorite wax - and eliminate casting problems that exist with plastic sprue trees.

NOTE: Small trees for single castings have counter-sunk holes that your sprue will fit into. When you seal a wax sprue to a wax tree, it will not slip off when you tamp your investment, as it does when a plastic sprue tree is used.



#50 MOLD KIT PRODUCES:

4 sizes of sprue tree mountings, for full mouth, smaller bridges and single castings; for all sizes of casting rings up to 3 1/2 inches diameter; and 5 sizes of sprues from 1/8 inch to 3/8 inch diameter.

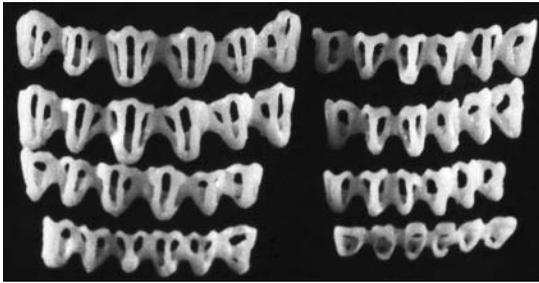
#12 MAKE-A-ZOO II SEQUEL



In response to popular demand, we are introducing this mold with 16 NEW three-dimensional figurines including: whale, seal, octopus, elephant, camel, dog at fire hydrant, baby tiger, owl, rabbit, snail, shark, etc.

#45A CERAMI-BASKET, ANTERIOR

TWO PART MOLD - Use Mold Release Spray



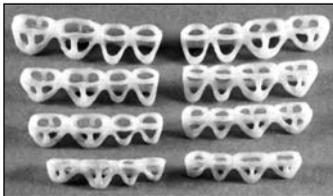
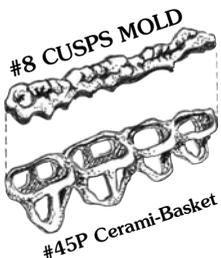
#45A MOLD KIT PRODUCES:

8-1x6 structures for upper and lower, in wax or cold cure acrylic: small, medium, large, extra large.

USES #45A&P: This new design will save more than 50% of pontic substructure weight, whether it be for gold, semiprecious, or non-precious metal. This unique design maintains and improves substructure strength, and at the same time provides the covering material (porcelain or acrylic) with a lively translucent appearance that is not evident with a solid understructure widely used today.

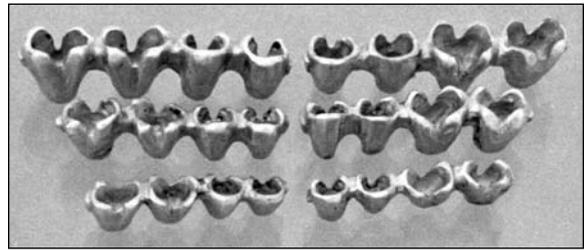
#45P CERAMI-BASKET, POSTERIOR

TWO PART MOLD - Use Mold Release Spray



#45P MOLD KIT PRODUCES:

8-1x4 structures for upper and lower, in wax or cold cure acrylic: small, medium, large, extra large. #8 Cusps Mold can be overlaid on occlusal of frame if metal occlusal is desired.



#40P HOLLOW CERAMI-FRAME, POSTERIOR

Use Mold Release Spray

#40P MOLD PRODUCES:

Total 8 frame patterns
4 left side, 1x4, Small, Medium, Large, X-Large
4 right side, 1x4, Small, Medium, Large, X-Large

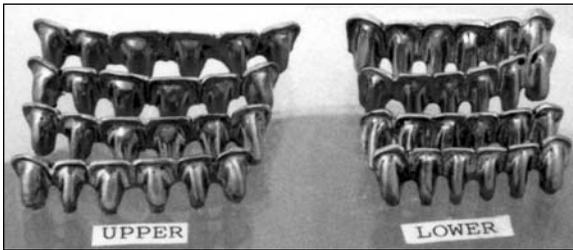
USES #40P: Hollow Cerami-Frame will save more than 50% of pontic substructure weight, whether it be for Gold, Semi-precious or Non-precious metal. This is a 2-part mold suitable for full coverage of porcelain, light cured acrylics and hot and cold cure acrylic. The design improves substructure strength, and at the same time provides the covering material (porcelain or acrylic) with a lively translucent appearance that is not evident with a solid understructure widely in use today. Mold produces cold cure acrylic and wax patterns.

#8 CUSPS MOLD

When a metal occlusal is indicated, we recommend #8 Cusps Mold. A quick squirt of hot wax into the mold will produce 12

1x4 quadrants of beautifully carved occlusal surfaces, in 3 sizes: small, medium and large; left and right sides; upper and lower. Mold also is suitable as an aid in waxing cast and veneer crowns. Merely adapt a wax coping to a die and cover with appropriate size wax occlusal.

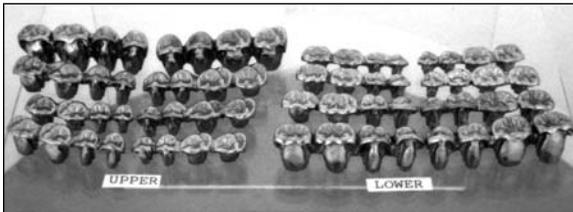




#37A CERAMI-ACRYLIC FRAME ANTERIOR

#37A MOLD PRODUCES:

TOTAL 8 ANTERIOR FRAMES
 4 Upper, 1x6, Small, Med., Large, Extra Large
 4 Lower, 1x6, Small, Med., Large, Extra Large



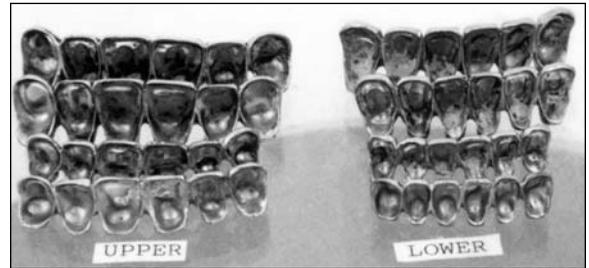
#37P CERAMI-ACRYLIC FRAME POSTERIOR

#37P MOLD PRODUCES:

TOTAL 16 POSTERIOR FRAMES
 8 Upper, 1x4, Small, Med., Large, Extra Large
 8 Lower, 1x4, Small, Med., Large, Extra Large

USES #37A&P: Designed for either porcelain or acrylic restorations where metal needs to be displayed on lingual (anterior) and occlusal (posterior) when strength and close bite are indicated. Each quadrant has beautifully carved occlusal and lingual anatomy. Each unit is carved as an individual tooth, with high interdental spaces.

#38A ACRYLIC HOLLOW PONTIC FRAME, ANTERIOR



#38A MOLD PRODUCES:

TOTAL 8 FRAME PATTERNS
 4 Upper, 1x6, Small, Med., Large, Extra Large
 4 Lower, 1x6, Small, Med., Large, Extra Large

USES #38A&P: Designed with hollow labial and buccal. For all thermoplastics.

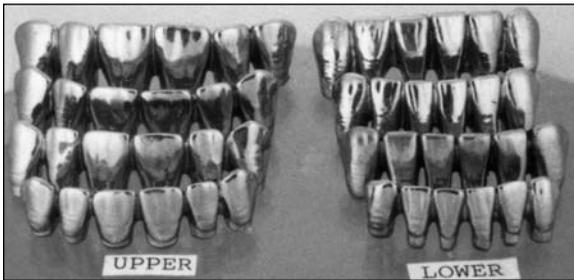
#38P ACRYLIC HOLLOW PONTIC FRAME, POSTERIOR



#38P MOLD PRODUCES:

TOTAL 16 FRAME PATTERNS
 8 Upper, 1x4, Small, Med., Large, Extra Large
 8 Lower, 1x4, Small, Med., Large, Extra Large

#39A SOLID PONTIC FRAME, ANTERIOR



#39A MOLD PRODUCES:

TOTAL 8 ANTERIOR FRAMES

4 Upper, 1x6, Small, Med., Large, Extra Large
4 Lower, 1x6, Small, Med., Large, Extra Large

USES #39A&P: This new design is for speed wax-ups of pontic areas for diagnostic models; in the lab, for speed wax-up of pontics for gnathological wax-ups and for temporary bridgework. All frames will interdigitate with the opposing frames of the same size.

#39P SOLID PONTIC FRAME, POSTERIOR



#39P MOLD PRODUCES:

TOTAL 16 POSTERIOR FRAMES

8 Upper, 1x4, Small, Med., Large, Extra Large
8 Lower, 1x4, Small, Med., Large, Extra Large

#10½ DENTAL JEWELRY



Mold Produces:

30 wax patterns of dental-oriented jewelry. Assorted "happy molars," central, canine, tooth brush, C.D.T. insignia, 5 ingots from 1/8 oz. to 1 oz. Large and small nuggets, miniature upper and lower dentures that interdigitates, #1 Dentist, #1 Assistant, #1 Hygienist. Large and small "Smile," "Doctors do it by appointment," "I love my dentist," occlusal of molar, 14k free form, 10½ pendant, extraction pliers with tooth, Happy molar with toothbrush, oral implant.

#281 BITE BLOCK MOLD



Mold Produces:

6 PATTERNS (3 PAIRS)

3 Upper - Small, Medium and Large
3 Lower - Small, Medium and Large

The mold is designed to provide a clinically pre-fabricated bite block. The wax pattern removes easily from the self-lubricated flexible mold in a professionally smooth and polished finish. All that is necessary is to melt bite block wax in a small pot and pour into the mold. When wax has set, pop out of the mold and contour to conform with the arch and ridge over the base plate.

CUSTOM MADE MOLDS

USE MOLD RELEASE PARAFILM SPRAY

Perfectone Mold Co., makers of molds for the Dental Profession since 1943, makes it now possible to have a flexible rubber mold made to order from your demonstration and technical models.

Merely send us your model trimmed and finished exactly as you want it duplicated. We will make a flexible rubber mold that will pour hundreds of stone and plaster models.

Dental Lab Technology schools will be able to pour hundreds of duplicate stone working models for its students. Prosthodontists, Orthodontists, Pedodontists will be able to pour hundreds of stone duplicate demonstration models. Clinicians will be able to distribute duplicate models to their students.



SINGLE



DOUBLE

PERFECT-PLASTIC MOLD MATERIAL



Made exclusively for Perfectone, it is a 2-part room temperature cure polyurethane. This is a very soft, flexible, resilient material which surrounds and penetrates the deepest of undercuts and when removed pops right back into place without tearing. It will not crack or change

shape for years. A true "space age" product.

Perfect-Plastic can be used for duplicating models, attachment work, partial dentures, etc. Plaster, stone, casting investment, epoxy, and cold cure acrylic can be cast from this mold material.

#6 DEMONSTRATION MODEL

Mold With Removable Teeth

UPPER



USES: For dental technicians, dental schools, dental clinicians, teachers, and dental materials manufacturers to "Show & Tell" crown and bridgework, implant designs and techniques, partial prosthesis, etc.

LOWER



INSTRUCTIONS: Place mold on a flat surface. Pour stone or plaster into the base mold. Pour stone or epoxy into the individual teeth (dies). DO NOT over-fill mold. Remove individual teeth (dies) by pushing up through back of mold, then pull tooth (die) out of mold from the front. Each tooth (die) will fit the corresponding socket on model. Tip of die may need to be trimmed to remove any excess. For creating edentulous areas merely fill in the socket on the model. Use Perfect-Mold Spray after each use to lengthen the life of the mold. For best results, spray mold with Beta-Cast Debubbler and pour stone while using vibration device.

POLYESTER PARAFILM MOLD RELEASE SPRAY

18 oz. Can

Non-toxic, No CFC, Necessary for duplicating plaster, stone and epoxy models.

#5 MORPHOLOGY MOLD

An Anatomy Study for Students, Dental Technicians, Dental Schools



#5 MOLD PRODUCES:
28 Teeth - Approx. 3x Size

The mold is a flexible transparent material. An individual tooth can be seen through the mold, and singled out for duplication. Teeth can be duplicated in plaster, stone or wax. Use Perfect-Mold Spray after each use in order to lengthen the life of the mold.

#4 DINOSAUR I

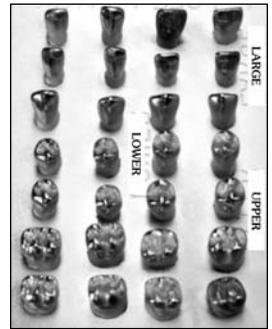
Mold produces four dinosaurs from the Jurassic and Cretaceous Periods. All figures can be cast over and over in plaster, stone, and epoxy.



#1 SOLID PONTIC

DESIGNED FOR DENTAL SCHOOLS AS AN ANATOMY SELF-TEACHING AID

Full Pontic Molds - consists of upper and lower with 28 cavities for casting of 16 posterior and 12 anterior wax patterns. Small, medium or large.



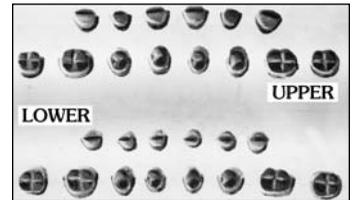
#4 POSTERIOR HOLLOW VENEERS

GOLD-SAVING THIN PATTERNS FOR ACRYLIC PONTICS

POSTERIOR VENEER MOLD - Each mold contains 16 cavities for casting 8 upper and 8 lower wax veneer patterns. Available in small, medium or large.

#31 NON-PRECIOUS CORES

28 Anterior and Posterior Cores for semi-precious and non-precious porcelain restorations.



#34 CERAMI-CORE MOLD ASSORTED

CERAMI-CORE MOLD - For Ceramco Bridge-work and all conventional ceramic restorations. Each mold contains 20 cavities for anterior and posterior cores.

