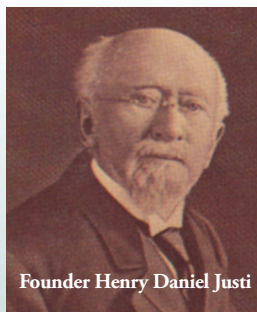


tooth Express® News

Published by American Tooth Industries to promote Justi, Pozzi, Leone, Major, and Regal Dental Products to Dental Specialists throughout the world.



Justi Teeth A Superior American Quality Since 1864 -The True Short Story



Founder Henry Daniel Justi

Henry Daniel Justi, was born in Marburg, Germany in 1834. Due to the early death of his father, Professor Dr. Heinrich Justi who taught at the University of Marburg, Henry left school at

the age of 13. He was apprentice to a surgical instrument maker in his native town, and in 1850 immigrated to the United States accompanied by his mother where he obtained employment in Philadelphia in a shop where dentists took their instruments to be sharpened and repaired.

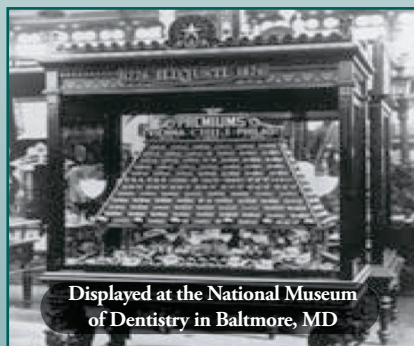
In the mid 19th century, a few dentists made the artificial teeth used in their practice, and it was part of Justi's duties to repair the crude forms that the dentists made. He conceived the idea for a completely new process for molding these porcelain teeth.

Meanwhile, however, he had started in the cutlery and surgical instrument business for himself. However, the idea of going into the manufacture of teeth prevailed. In order to ob-

tain a better knowledge of the anatomy of teeth and the formulations and processes for repairing porcelain, he went to work for a dentist who carved and made teeth.

Putting in many long hours at night he succeeded in compounding materials which produced teeth that were life-like in shade and texture, unlike the crude and porous porcelain that was prevalent at that time. He offered his services to an established firm of tooth manufacturers, Orum and Armstrong, who engaged him as a mold cutter. In January 1864 he was taken in as a partner

Continued on page 4



Displayed at the National Museum of Dentistry in Baltimore, MD

New From Major!! Major Plus Comp Anterior Tooth Line In Composite Enamel

To continue our quest to support the Denture Specialists of North America, we are introducing the anterior line of our Major Plus Comp(osite) teeth. This new designed line is completing the selection of Major Plus Comp Posterior teeth already introduced in 2010 in the USA market place by ATI.

Some Overdentures which are now also called Hybrid dentures may require

Anterior teeth which are tubular in shape, especially in the neck and upper body part. This is done mainly to fill the interdental space, eliminating the non esthetic black triangle. Major Plus

Continued on page 6



From the Dentist to the CEO

Dear Mr. Pozzi,

I am writing to you to express my gratitude for your Justi® Imperial® denture teeth. The ability of the teeth to blend into the adjacent dentition has made producing great looking stayplates much more predictable.



Michael Czubiak, DDS

Due to the increasing popularity of implants, I am making more and more stayplates for my patients to wear during the healing phase of treatment. The chameleon-like characteristic of Justi® Imperial® teeth make shade selection much easier and greatly reduces remakes. I also appreciate your generous selection of bleach shades.

I really like the variety of molds available and the fact that they are based on body frame size. The American molds have a very natural look to them. I find the anatomy to be very realistic and I always seem to be able to find just the right tooth.

I have found with years of use in the mouth that the Justi® Imperial® teeth possess the degree of hardness to withstand the stress of mastication. These hardend plastic teeth have proven tough to beat!

Keep up the good work.



Justi® Imperial® mold 7M shade 60



Celebrating 50 years of Manufacturing Dental Materials

Major's Products are Commercialized all Over the World Through a Selected Network of Dealers in Order to Assure a High Service Level To Our Customers.

Established in 1960 in the city of Torino, in the north-western part of Italy, Major is today one of the leading European manufacturer of high quality dental materials for laboratories and dental clinics.

The product line for the dental laboratories includes artificial teeth in acrylic resin and composite materials; materials for crowns and bridges works; acrylic resins for dental prosthesis; abrasives, as well as small equipment for laboratory use. Products for dental clinics include a complete range of dental impression materials (silicones and alginates).

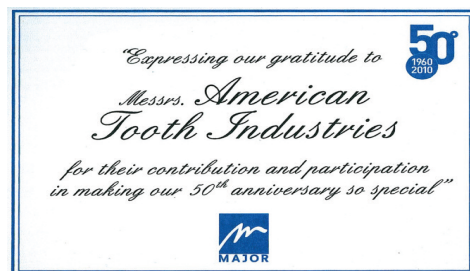
These products are manufactured in the Major's factory in Moncalieri, near Torino, and are certified according to the CE regulation of the European Union. All our materials are selected in order to exceed the requirements of the international standards, and are carefully controlled in order to guarantee a constant level of quality.

The mission of our company is to provide the operators of the dental sector with reliable and innovative high quality materials. The above strategy is realized with the selection of qualified personnel, the use of innovative production techniques, as well as

through a continuing investment activity in research and development, in cooperation with laboratories and external research institutes.

Our attention to the quality of the products is reflected also on the characteristics of the distributing organization: Major's products are commercialized all over the world through a selected network of dealers in order to assure a high service level to our customers.

American Tooth Industries was recently recognized by Major Dental as one of their elite Dealer.



See page 6 for a New Tooth Line from Major

Dymon-Hue HPT Mold Chart Expanded

Justi® Hollywood Teeth®, a brand division of American Tooth Industries, is announcing the distribution of a newly revised and expanded mold chart booklet for the Justi Dymon-Hue® HPT Hardened plastic tooth line.

This booklet includes a comprehensive compendium of tooth specifications and characteristics designed to help tooth practitioners better understand the many positive benefits of this premium economical tooth line.

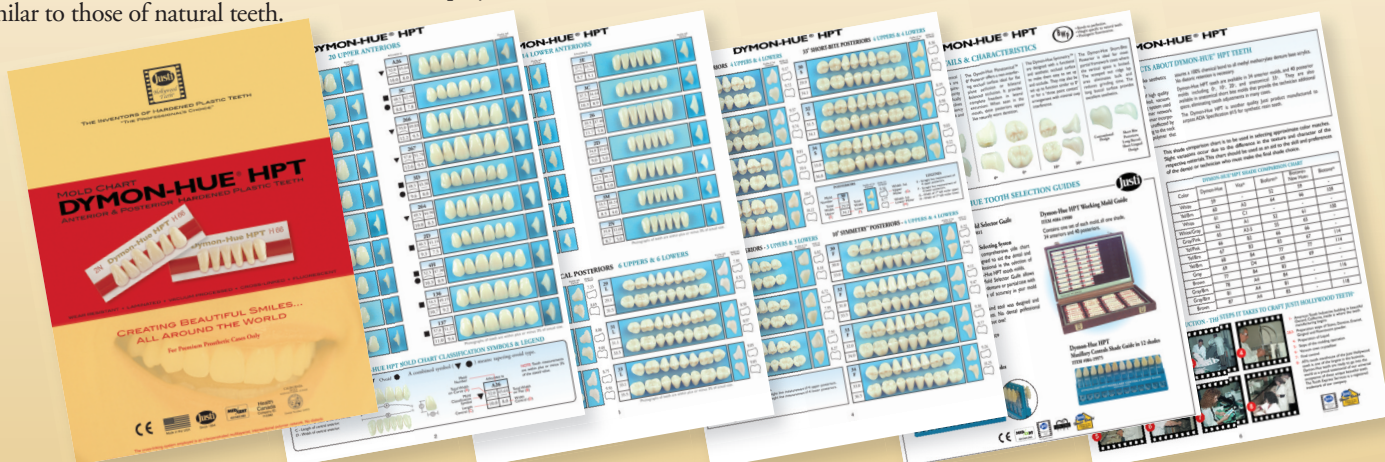
DYMON-HUE HPT teeth are manufactured with life-like aesthetics which are blended to be similar to those of natural teeth.

Dymon-Hue HPT (hardened plastic teeth) are made of high quality synthetic resin. They are wear resistant, cross-linked, vacuum processed, and have superior hardness. The cross-linking system used is an interpenetrated, multi-layered, intersectional polymer network which is solvent and heat resistant. The pigmented copolymer incorporates inorganic type pigments that are color stable and unaffected by light or heat. The denture base side of the tooth extending to the neck portion is constructed of a solvent resistant, softer polymer that assures a 100% chemical bond

to all methyl methacrylate denture base acrylics. No diatoric retention is necessary.

Dymon-Hue HPT teeth are available in 34 anterior molds, and 40 posterior molds including 0°, 10°, 20°, and anatomical 33°. They are also available in anatomical short bite molds that provide the technician additional space, eliminating tooth adjustments in many cases.

The Dymon-Hue HPT hardened plastic teeth comply with ISO#22112:2005 and ANSI/ADA Specification #15 published in 1999, identical to ISO Standard #3336:1993





Hardness and Wear Resistance of Justi® Imperial® Teeth



Justi Imperial Teeth **The True Fact™**

In a discussion of the following factors, an immediate distinction between **hardness** and **wear resistance** must be made.

Hardness, or resistance to penetration, has little relationship to the wear of the material concerned. The typical example is that a steel automobile tire would wear out in a fraction of time required to wear out modern resilient rubber tire. Leather heels wear out faster than rubber heels. It is obvious that plastic can be formulated to increase the wear resistance of teeth without increasing the hardness, and sacrificing the resilience of the tooth.

Years of use in the mouth have conclusively proven that the Justi Imperial teeth possess the degree of hardness to withstand the stress of mastication. These plastics have proven themselves "tougher" than the previous artificial teeth. This fact is best illustrated by a very low incident of breakage of Justi Imperial dentures.

Some earlier plastic teeth were seen to wear rapidly, and would lose vertical dimension. In many cases the teeth that have been exposed to organic solvents or flaming lost their fine properties, and did wear excessively. Since the introduction of the Justi Imperial tooth in 1950, this hazard has been removed. With a cross-linked and solvent resistant formula we may confidently expect the following:

1. Imperial teeth against Imperial teeth will wear at approximately the same rate as porcelain.
2. Imperial teeth opposed to natural teeth tend to preserve the natural teeth because of Imperials non-abrasive and resilient structure.
3. Using Imperial teeth against gold the Imperial tooth will wear slightly faster than the gold, thus preserving the restoration.

Clinical observation and laboratory testing has shown that when the occlusion is well balanced, little or no wear will be seen.

It is important to remember, in selecting teeth, that we are substituting for the human tooth. The periodontal membrane and resilience of living tissue are important to the health of the

The True Fact™



Maxillary Anterior molds and extensive functional Posterior molds also adaptable for lingualized occlusion, all in one shade of your choice.

This tooth is universally accepted because of the extensive selection of maxillary anteriors based on human frame and face structure.

- A) Age shade 20
- B) Molds sculptured according to a skeletal relationship (human frame)
- C) Mold No. & Size
- D) Size of Quadrant
- E) Medium size
- F) Please note: Anterior and Posterior designed by Justi® - mold selection is for universal use. Highly cross linked, intersectional polymer network, wear resistant, vacuum processed, fluorescent, photogenic, No diatoric retention is necessary. 100% bondability with methyl methacrylate denture base material.

**100%
Bondability**

teeth rooted in the bone. Resilient teeth should be placed on restorations that are to be totally supported by the delicate mucous membranes. **Any increase in hardness beyond the point of adequate resilience is at a disadvantage in denture teeth.** By the same token, it may be reasoned that if natural teeth are so constructed by nature as to wear somewhat during the

abrasive forces of mastication, there should also be some slight wear in the denture teeth.

It is logical to assume that the wear resistance of artificial denture teeth should be slightly less than that of natural teeth which is firmly supported by the bone of the alveoli.

No practicing prosthodontist will deny that even with perfect occlusal relationships, some tissue resorption will eventually occur under tissueborn dentures.

As soon as vertical relationship is reduced, traumatic forces are encountered in the most destructive area, the anterior teeth. If no wear is possible, the trauma produces irritation and greater destruction.

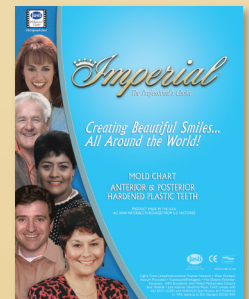
The ability of the Justi Imperial tooth to wear slightly under normal use conditions is of great benefit to patients and their oral health.

Another liability is encountered when an artificial tooth is placed in opposition to natural teeth or any structure supported by natural teeth. Every effort should be made to prevent traumatic interference between them. If any attrition occurs in such a relationship, it should result in the wear of the artificial tooth. The artificial tooth can be replaced. Under these conditions, unyielding porcelain teeth have caused premature loss of many natural teeth and fixed bridges.

At the time the denture is inserted, patients should be told of this possibility, and the effort you are making to preserve their remaining teeth and tissue.

Justi Hollywood Teeth

To download the Imperial Mold Chart go to American Tooth Industries web site at www.americantooth.com or call: 805.487.9868 to order your hard copy of the Imperial Mold Chart with all the True Facts. Ask for other materials available.



Justi Teeth A Superior American Quality

Since 1864 - The True Short Story

Continued from page 1

under the firm name of Orum, Armstrong & Justi. In a few years, he acquired the interests of his partners and became the sole proprietor. In the same year, he obtained his first major U.S. patent, # 42,491, for improved tooth molding, and the H.D. Justi Company was born. After winning a prize for excellence at the Centennial exhibition in Philadelphia in 1876, Henry D. Justi went on to exhibit his products at World Fairs in Paris, Berlin, Vienna and even traveled with his exhibit to Chile in South America. The display case is on exhibit now at the National Museum of Dentistry in Baltimore, MD.



For many years the business was located at 516 Arch Street. However, in 1880 Justi built a factory at 32nd and Spring Garden Streets - one of the first industrial plants on the west side of the Schuylkill River.



Henry M. Justi

Henry Martin Justi became a partner in his father's business on April 4, 1892. In honor of his son's becoming a partner, Henry D. Justi renamed his company H.D. Justi & Son.

Around the 1890's Justi retail dental supply stores were established in Philadelphia and Chicago. These were liquidated in the early 1930's, and research was started on a new type of translucent and fluorescent porcelain, which resulted in the introduction of two new tooth lines in 1937.



Henry M. Justi Jr



Charles Justi

Also during the 1920's the two sons of Henry M. Justi, the son of the founder, entered into the business. In 1931 Henry M. Justi, Jr., became President of the company and remained in that capacity until the early 1960's.

Henry M. Justi, Jr. was instrumental in directing the company into the line of plastic teeth. With the advent of acrylic resins for denture base in 1937, Justi recognized that this material would make artificial teeth practically unbreakable and led the development to the methods of molding plastic teeth and improving the translucency of the tooth shades. In September 1940 at the Cleveland convention of the American Dental Association, H. D. Justi and Son, Inc. presented a limited line of Denta-Pearl plastic teeth made of acrylic resin. In the summer of 1944 the company announced the discontinuation of the manufacture of porcelain teeth in order to devote 100% of its facilities and resources

to further improving plastic teeth. Since that time, and ultimately with the introduction of the Justi Imperial tooth in 1961, Justi had been recognized as the world leader in the development of plastic artificial teeth.

In 1964, H.D. Justi and Son, Inc. was merged with and all stock sold to the Williams Gold Refining Co. Inc. of Buffalo, N.Y. It was the feeling of both management groups that combining research and technical efforts would strengthen the mission of both companies in their service to dentistry.



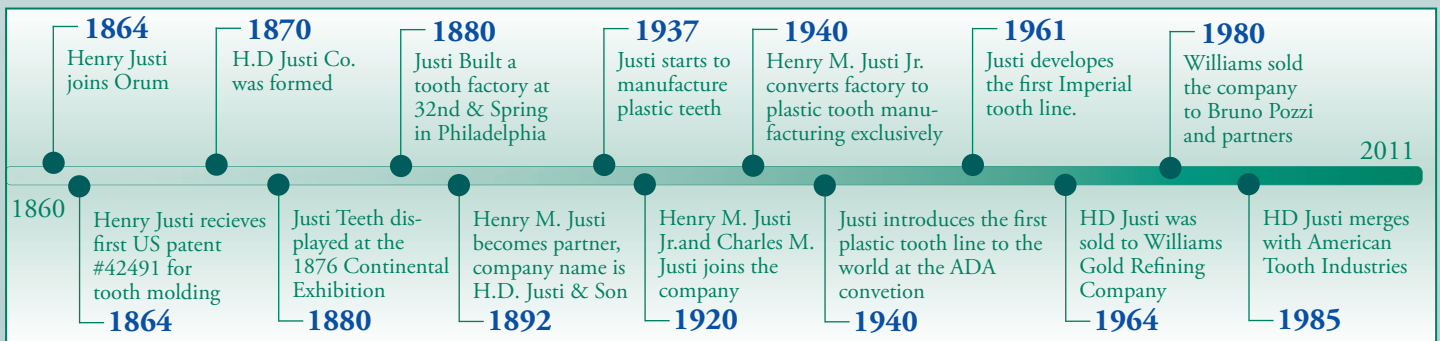
Bruno Pozzi

In 1980 the H.D. Justi Company was purchased by a California tooth manufacturing company owned by Bruno Pozzi and other partners. The factory was transferred from Philadelphia to Oxnard, California, finally merging with American Tooth Industries in 1986. With their expertise in shading, blending, curing and carding of teeth, Justi now manufactures six lines of hardened plastic teeth, all of which are distributed worldwide. Justi also formulates and manufactures a wide range of chairside and laboratory products.



Emilio Pozzi

In 2008 Emilio Pozzi became President of ATI which now manufactures and sells products under the brand names: Justi, Pozzi, Leone, Major and Regal.



NEW! Pozzi Super Tray System

Reusable
Trays

Anatomically Correct Trays for Edentulous Impressions

The Pozzi Super Tray system is designed to produce fine quality and accurate full dentures and immediate denture impressions. With the Pozzi system you no longer need to make a custom tray because Pozzi trays are custom trays - ready to use. These trays are easy to handle; you do not need to learn special techniques. You need only apply the procedures that you use with a lab-made custom tray.

Advantages:

(1) Much more economical than a custom tray (save time and money). (2) Less expensive than disposable trays. Reusable and can be sterilized. (3) Rough retentive surface excludes the use of adhesives. (4) Statistically selected system, packaged in an easy to choose kit.

Characteristics:

(1) Designed to provide consistent retromolar pad coverage. This prevents errors in applying too much pressure to this area which is extremely important for the final fitting of the prosthetic appliance. (2) Trays are exceptionally strong and rigid but lightweight and can be modified by trimming for special needs. (3) Can be used with any type of impression material. We suggest the use of silicones like our Major® Ormadent Putty and Ormaplus on page 112 and a very creamy alginate like our Major Alginmax on page 37. (4) Professionally designed with complete anatomic detail. (5) Hand Finished.

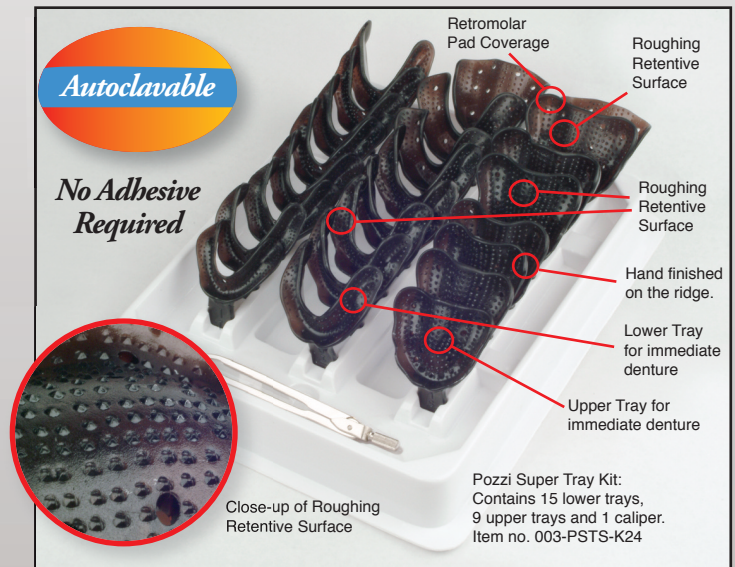
Composition:

Reusable transparent dark brown Polycarbonate.

Technique:

No particular technique is suggested. The Pozzi Super Tray System consists of accurate ready-made custom trays. A caliper is available for measuring the distance between ridges in the patient's mouth or in existing dentures. It helps to expedite proper tray selection.

IMPORTANT: Trays are made with a transparent dark brown Polycarbonate autoclavable material.



EDUCATIONAL CALENDAR

Cut Your Chair Time In Half With Dentures

A Two Hour Hands-On Lecture for Dentists and Techicians. Easy to apply methods for the fabrication of complete dentures, learn how to simplify your work, number of resets, remakes and reduce chair time. PLUS learn new impression techniques, ordering and fabricating individualized wax rims, a more efficient post dam designs, improve denture esthetics.

**Justi Educational Prosthetic Classes,
program approved by NBC for 2 CE units**

In our Oxnard California Teaching Facility
1200 Stellar Dr., Oxnard CA 93033



Laszlo Petruska D.M.D.

PROGRAM OFFERED

COURSE: Latest Practical Guidelines & Methods for the Fabrication of Complete Dentures-2 hour Course

INSTRUCTOR: Laszlo Petruska, D.M.D.

CLASS TIME: 10:00 a.m. to 12 noon.

CLASS DATES: October 29, 2011



FREE!

A program offered by the Justi Educational Center
A Division of American Tooth Industries
for more information call: (800) 235-4639 or (805) 487-9868

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American Tooth Industries Mission Statement • Quality Policy

Our family of brands: Justi, Pozzi, Major, Leone and Regal carries an old motto of our company "Simple inventions last forever." Using the tools of their forbearers, the human eye and hand, our craftsmen carry on the American Tooth Industries tradition of excellence. We are delivering quality products at a fair market value and we shall continue to do so.

**NEW
PRODUCT**
AVAILABLE
FALL 2011

New From Major!! Offering The Major Plus Comp Anterior Tooth Line In Composite Enamel

Continued from page 1

Comp Anteriors were designed and manufactured to meet this new requirement. This product is competing head to head with the Anterior composite teeth made by the following brands :

- Physiostar NFC by Candulor
- Phorare NHC by Ivoclar
- Physiodents by Vita

The Major product, however, offers many more advantages than the competition:

- Longer experience, by Major, in fabricating anterior composite teeth (over 3 decades)
- Pioneer in the development of an easier BONDABLE neck made of dentine layer only.
- 3 Dimensional esthetic for great aging effect, developed in 1970 in cooperation with Northern Italian Universities.
- Harmonious superiority of forensic sculpture of the master molds.
- More affordable than the above stated brands.
- Endorsed by the Justi Hollywood Teeth R&D department the inventor of hardened plastic teeth.

Major Plus Comp Anterior teeth are offered in 10 upper and 4 lower new molds in 3 different types of sizes:

- S (Small)
- M (Medium)
- B (BIG)

A complete Mold Chart for Anteriors, and Posteriors as well as an handy order form is available upon request by calling *Tooth Express* at (800) 628.1437. This Mold chart will be available shortly on our web site.

Shade range is only in Vita type of Hues. Made in Italy, distributed in North America by Justi Hollywood Teeth, a brand division of American Tooth Industries.

Story by Bruno Pozzi



New Design: Dramatic reduction of the interdental space. Elimination of the possible non-esthetic black triangle, especially in the abutment area.



Traditional Design: Teeth are shaped with a natural design, interdental space is filled with denture base material duplicating natural tissue.

Directions On How To Use Major Plus Comp Teeth

- Store in a clean, dry place away from light. Consequently, no Material Safety Data Sheet is available.
- To ensure optimum bonding to the denture base resin*, grind teeth on the cervix prior to setting up, remove wax and degrease with methy methacrylate monomer or wax solvent*. Grinding of the teeth generates dust which is classified as "not otherwise classifiable". Do not inhale. Use appropriate protection. TLV/TWA applies.
- Direct the patient to adopt daily hygiene protocols, suggest him to avoid excessive brushing which could cause abrasive wear, and not to immerse in alkalis, acids or other substances that can damage acrylic materials.
- Dispose conforming to local law. Product and packing materials are not listed in the hazardous Waste Inventory as per C.D. 91/689/EE C1(4). Patient-contacted materials are at infection risk even for disposal purposes (EU hazardous Waste Inventory No. 180103).
- This product does not contain substances classified as hazardous conforming to directive 67/548 /EEC and subsequent amendments.
- Available in the following shade guides: A1-D4.

* We recommend Justi Denture Base materials and Justi Wax Solvent (Best In The Industry).

Quality System Certification: ISO 22112
ISO 9001 - ISO 13485 | TYPE 1-2



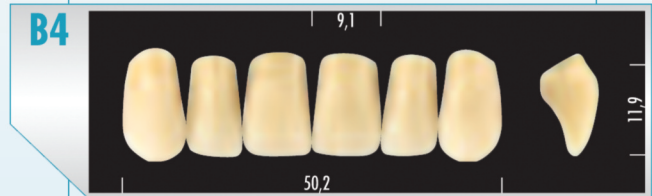
New From Major!! Offering The Major Plus Comp Anterior Tooth Line In Composite Enamel *Continued from pg. 6*

NEW PRODUCT
AVAILABLE
FALL 2011

Upper Anteriors small



Upper Anteriors large



Upper Anteriors medium



Lower Anteriors



tooth Express News

SUMMER 2011 / VOL.1 ISSUE #40

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WITH THE TOOTH EXPRESS® SERVICE YOU GET 21 PREFERRED SERVICES



- Tooth Express Service is available for all of our product lines.
- No order is too small for us.
- Orders received by 12:00 noon PST (3:00 EST) will be shipped the same day.
- New accounts will have FREE freight charges for their stocking order.
- FREE 800# for Service in California and Nationwide. (800) 628-1437.
- FREE Technical Consultation.
- Monthly sales promotions.
- Invoice is included in the package.

ADDITIONAL ADVANTAGES WHEN ORDERING TEETH

- 1/3 to 1/2 the price of Dentsply teeth for all tooth products that utilize the same molds and colors.
- ADA data on teeth is supplied - most other manufacturers do not.
- Full sets and broken sets are accepted for credit/exchange - see tooth policy.

- Most teeth are manufactured in the U.S.A.
- FREE or at-cost accessories - please request an order form.
- House Brand marketing package is available to labs.
- FREE Full Service can be arranged. A representative will come to service your cabinets.
- House Brand marketing package is available to labs.
- You can fax or e-mail your orders 24 hours a day: Fax #805-483-8482 e-mail info@americantooth.com.
- Shop at our online store - <http://store.americantooth.com>
- Most of the time you speak with a person in the U.S.A. not with a recording or electronic voice.
- We accept payments from Visa, Master Card, American Express and Discover.
- We have the largest tooth inventory ready for sale in the U.S.A.

TOOTH EXPRESS SERVICE Call TOLL FREE TO ORDER (800) 628-1437 • FAX (805) 483-8482

JUSTI® BLOCKCUTTER™

Hard Copolymer, No Metal!

The process used to control the tooth shading for BlockCutter teeth has been improved. The shade of the bladed mandibulars is now a higher quality match for the maxillary block teeth.

This new block teeth design allows for very fast set ups and enhances the power of a removable denture to more efficiently perform mastication with minimal effort. This increased chewing efficiency is done without undue wear on the opposite maxillary plastic teeth.



Comes in 22 Imperial® and 7 popular Vita® Shades: A1-A2-A3-A3.5-A4-B2-B3

Vita Shades® is not a trademark of American Tooth Industries.

IMPROVED
PRODUCT

LINGUAL BLADED TEETH

Dr. Levin

Crafted with aesthetics in mind, the cast metal cross blades that are on the lingual cusps of the maxillary second premolars and molars enable greater masticatory. Available in 33° med, 20° med and 33° short in popular BF shades 59, 62, 65, 66, 67 and 81 and Vita shades A1, A2, A3, A3.5, A4, B2 and B3.



HIGH TECH 5032 ARTICULATOR

A lightweight anatomic articulator made of die-cast aluminum. This quality instrument has many ease-of-use design features for a quick and accurate model fixation. The 5032 high-Tech articulator is designed to work seamlessly with the 5020 "Easy Bow" facebow transfer system.

- Adjustable back rod by registration screw without incisal rod by keeping constant trajectories and inclinations during side and back/forth movements.
- Automatic return to hinge axis with springs.
- Anti-shock hinge rod in case articulator accidentally falls.
- Big size lock screws for mounting plates



CALL
Tooth Express Service
1-800-628-1437
For Latest Pricing

THE 5020 "EASY BOW" FACEBOW TRANSFER SYSTEM

Because Every Patient is Different...

The "Easy Bow" 5020 transfer system set includes the facebow with three forks and a transfer table to move patient articulation characteristics to an ASA 5032 articulator. An instructional DVD and printed instructions in English, French, Spanish and Italian are included in the kit. Recommended for Prosthodontists and Dental Laboratory Specialist. Made by ASA for American Tooth Industries.



Exact-Easy-Fast