Great Smiles Begin With MASEL®











Ordering Information

To Order by Phone

Domestic

Ph	888 851 0533	760 448 8600
Fax	800 888 7244	760 448 8602
Email	Sales@Masel.net	

International

Ph	760 448 8600
Fax	760 448 8607
Email	Sales@Masel.net

Canada

Ph	+(1) 800 661 9567
Fax	+(1) 800 361 5088
Email	cerumsup@telusplanet.net

Australia

Ph	+1300 ORDERZ or +612 9540 6111
Fax	(02) 9524 7623 or +612 9524 7623
Email	sales@naol.com.au

To Order by Mail

Ortho Organizers, Inc.
Attn: Customer Service
1822 Aston Avenue
Carlsbad, CA 92008-7306
U.S.A.

Corporate Offices

Ph 800 547 2000 760 448 8600

Shipping and Handling

Priority Service guarantees order deliveries to your complete satisfaction. All prices are FOB shipping point. Shipping and Handling charges and sales tax (if applicable) will be added to your invoice.

Terms

Domestic orders are accepted on the basis of payment within thirty (30) days after shipment from our Carlsbad, California location. A packing slip is enclosed with each shipment and a separate invoice is sent first-class mail.

For International orders, please contact the International Sales Department for payment terms and requirements.

Payment

All payments must be in U.S. funds. Payment may be made by check, or credit card (VISA, MasterCard, American Express, or Discover Card).

All payments must be sent to:
Ortho Organizers Inc.
P.O. Box 223070
Pittsburgh, PA 15251-2070
U.S.A.

Website

MaselOrtho.com















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MASEL®

SELF-LIGATING BRACKETS





Genesis-C™ Ceramic Brackets **A-3**

Genesis™ Brackets **A-5**

Genesis-C Ceramic Roth* Brackets**

Aesthetically-pleasing design to blend perfectly with the natural tooth tone, the *Genesis-C* Ceramic Active Self-Ligating Bracket System provides controlled active sliding mechanics, low-friction passive movement, and an advanced-technology durable clip for consistent and predictable treatment.

Self-Ligation Interactive Philosophy



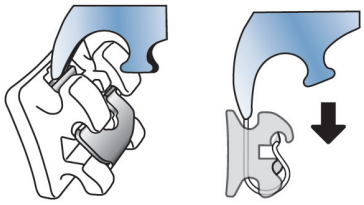
Orthodontic leaders have found self-ligation with an interactive system provides not only the low-friction, low-force movement needed for effective and patient-friendly treatment, but also vital, increasing active control for precise finishing with which the orthodontist and patient will be pleased.

Choose this aesthetically pleasing bracket and enjoy these features:

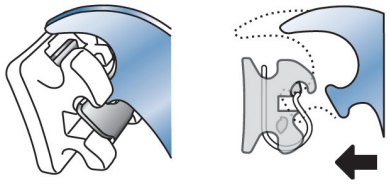
- Made from Polycrystalline Alumina material that blends perfectly with the natural tooth tone
- Rhodium-coated clip for aesthetics and reliable archwire changes
- Ceramic Injection Molding (CIM) results in complex structures that machined brackets cannot duplicate
- Fine Alumina spheres provide a patterned mechanical base for predicable debonding
- Guide rail provides stability in open position
- Rounded archwire slot for enhanced sliding mechanics
- All brackets open occlusally to avoid tissue interferences
- Vertical scribe line aids in proper bracket placement along the long axis
- Deep tie-wings for easy optional ligation
- Interactive clip provides passive to active control for effective treatment
- Convenient opening tool allows for easy opening of brackets

Opening Instructions

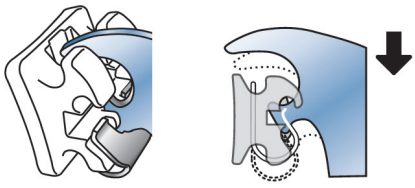
To open self-ligating bracket spring clip:



STEP 1 (Optional)
Place instrument on the open clip slot directly beneath the bracket interface and gently push in the occlusal direction to disengage the bracket clip.



STEP 2
Place the instrument directly in the facial opening of the clip to engage the small extension of the spring clip.



STEP 3
Pull in the occlusal direction. The spring clip will pop open. For added patient comfort, use a finger to support the tooth and this will act as a stop when opening.

**MASEL's* prescription does not imply endorsement by the doctor(s).
**Not available in the U.S., only available in select markets.



Opening Tool

It's easy to open the brackets with the unique *Genesis-C* Opening Tool.

Each tool is designed specifically to fit the dimensions of the bracket for secure engagement.

ITEM NO.
4150-920

Roth Prescription* 5 Brackets Per Pack

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	SIDE	.022" ITEM NO.
MAXILLARY	Centrals	—	Green	+12°	+5°	0°	R	2888-207-5
				+12°	+5°	0°	L	2888-208-5
	Laterals	—	Black	+8°	+9°	0°	R	2888-223-5
				+8°	+9°	0°	L	2888-224-5
	Cuspids	With Hook	Red	-2°	+9°	+4°M	R	2888-251-5
				-2°	+9°	+4°M	L	2888-252-5
	Bicuspids	With Hook	Purple	-7°	0°	+2°D	R	2888-259-5
				-7°	0°	+2°D	L	2888-260-5
MANDIBULAR	Anteriors	—	Yellow	-1°	0°	0°	R & L	2888-235-5
	Cuspids	With Hook	Blue	-11°	+5°	+2°M	R	2888-267-5
				-11°	+5°	+2°M	L	2888-268-5
	1st Bicuspids	Twin with Hook	Brown	-17°	+2°	+4°D	R	2888-289-5
				-17°	+2°	+4°D	L	2888-290-5

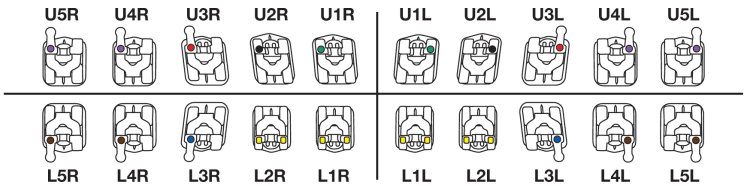
Roth Prescription* Case

SET-UP	BRACKETS PER CASE	DESCRIPTION	.022" ITEM NO.
5–5 5–5	20	With Hooks on 3's, 4's, & 5's	2888-200



Genesis-C Bracket Identification

Color-Code Identification Chart



**MASEL's* prescription does not imply endorsement by the doctor(s).

Genesis Roth* Brackets**

The *Genesis* Active Self-Ligating Bracket System provides low-friction passive movement and controlled active sliding mechanics, as well as an advanced-technology durable clip for reliable and predictable treatment outcomes.

Self-Ligation Interactive Philosophy



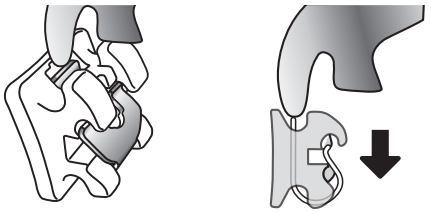
Orthodontic leaders have found self-ligation with an interactive system provides not only the low-friction, low-force movement needed for effective and patient-friendly treatment, but also vital, increasing active control for precise finishing with which the orthodontist and patient will be pleased.

Key features and benefits you'll enjoy:

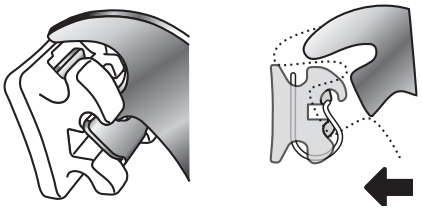
- Guide rail provides stability in open position
- Rounded archwire slot for enhanced sliding mechanics
- All brackets open to the occlusal to avoid tissue interferences
- Vertical scribe line aids in proper bracket placement along the long axis
- Deep tie-wings for easy optional ligation
- Interactive clip provides passive to active control for effective treatment
- Well-polished surfaces offer an attractive appearance
- Rounded tie-wings and smooth ball-hooks ensure patient comfort
- Contoured 80-gauge mesh base for true fit with the tooth anatomy and consistent bonding
- Advanced technology Cobalt-Nickel clip provides reliable performance
- Convenient opening tool allows for easy opening of brackets

Opening Instructions

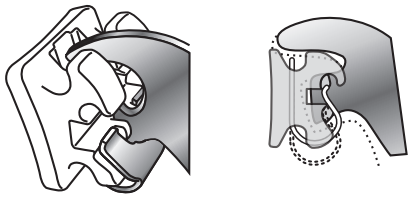
To open self-ligating bracket spring clip:



STEP 1 (Optional)
Place instrument on the open clip slot directly beneath the bracket interface and gently push in the occlusal direction to disengage the bracket clip.



STEP 2
Place the instrument directly in the facial opening of the clip to engage the small extension of the spring clip.



STEP 3
Pull in the occlusal direction. The spring clip will pop open. For added patient comfort, use a finger to support the tooth and this will act as a stop when opening.

**MASEL's* prescription does not imply endorsement by the doctor(s).
**Not available in the U.S., only available in select markets.



Opening Tool

It's easy to open the brackets with the unique *Genesis* Opening Tool.

Each tool is designed specifically to fit the dimensions of the bracket for secure engagement.

ITEM NO.
4150-930

Roth Prescription* 10 Brackets Per Pack

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	SIDE	.022" ITEM NO.
MAXILLARY	Centrals	—	Green	+12°	+5°	0°	R	2889-207-10
				+12°	+5°	0°	L	2889-208-10
	Laterals	—	Black	+8°	+9°	0°	R	2889-223-10
				+8°	+9°	0°	L	2889-224-10
	Cuspids	With Hook	Red	-2°	+9°	+4°M	R	2889-251-10
				-2°	+9°	+4°M	L	2889-252-10
	Bicuspids	With Hook	Purple	-7°	0°	+2°D	R	2889-259-10
				-7°	0°	+2°D	L	2889-260-10
MANDIBULAR	Anteriors	—	Yellow	-1°	0°	0°	R & L	2889-235-10
	Cuspids	With Hook	Blue	-11°	+5°	+2°M	R	2889-267-10
				-11°	+5°	+2°M	L	2889-268-10
	1st Bicuspids	Twin with Hook	Brown	-17°	+2°	+4°D	R	2889-289-10
				-17°	+2°	+4°D	L	2889-290-10

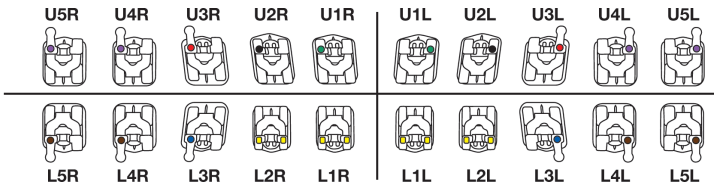
Roth Prescription* Case

SET-UP	BRACKETS PER CASE	DESCRIPTION	.022" ITEM NO.
5–5 5–5	20	With Hooks on 3's, 4's, & 5's	2889-200



Genesis Metal Bracket Identification

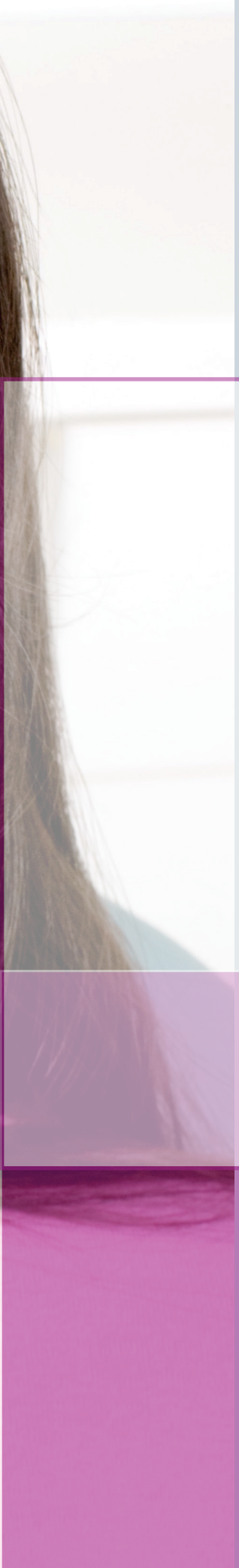
Color-Code Identification Chart



**MASEL's* prescription does not imply endorsement by the doctor(s).*

BRACKETS





Solstice™ Low-Profile **B-3**

Bravo Primo Low-Profile **B-7**

Silhouette™ Poly-Sapphire Ceramic **B-12**

Ameri-Twin™ USA Ceramic Brackets **B-15**

Quantum™ Composite Roth **B-16**

Bracket and Bonding Accessories **B-16**

Typodonts **B-19**

Solstice Low-Profile Brackets

Manufactured using the most advanced Metal Injection Molding (MIM) technology, the *Solstice* Low-Profile Bracket System is designed for greater patient comfort by providing a low profile and more rounded contours. The new manufacturing technology also provides a high-polish finish. Additionally, this bracket system optimizes practice efficiency by providing clearer visual cues, improves bracket placement by providing a compound contoured base, and minimizes archwire notching through rounded archwire slot entry edges.

Benefits and features designed with your practice and patients in mind.

Patient Comfort:

- Low-profile design
- Smooth, rounded surfaces
- Soft tissue irritation is minimized with the rounded ball hook

Optimized Practice Efficiency:

- Easier placement of bracket due to the long-axis scribe line that runs the entire length of the bracket and pad
- Bracket to tooth interface "fits like a glove" with the compound contoured base
- Strong, secure bond from the 80-gauge micro-etched foil mesh base
- Easy bracket identification using the color-coded ID mark
- Rounded slot archwire edges to reduce friction, minimizing archwire notching
- Rhomboid shape bracket for maximized placement control

Added Features:

- Available in both .018 and .022 slot sizes
- Available in both Roth and McLaughlin, Bennett, and Trevisi prescriptions
- Hook and non-hook options on cuspids and bicuspids
- All bicuspids offered with or without off-set pads
- 17-4 stainless steel construction



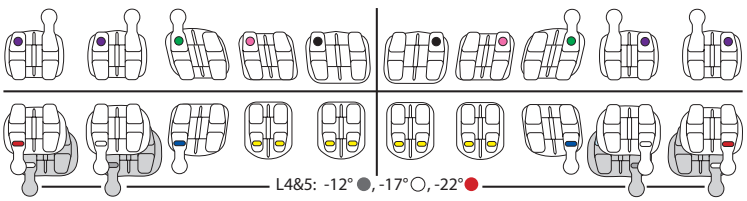
The following marketing tools are available to help with patient consultation appointments.

Description	Item Number
Typodont - *Solstice* (5x5)	2031-4495
15X Demo Model - *Solstice*	2031-4495X



Solstice Bracket Identification

Color-Code Identification Chart



Roth Prescription* Cases

SET-UP	BRACKETS PER CASE	DESCRIPTION	IN WHEELS NO.	IN SINGLE CASE KITS .018" ITEM NO.	IN WHEELS NO.	IN SINGLE CASE KITS .022" ITEM NO.
5-5 5-5	20	with Hooks on 3's, 4's, & 5's	4495-018	4495-018Q	4495-022	4495-022Q
5-5 5-5	20	with Hooks on 3's, 4's, & 5's and Offset Pads on Lower 4's & 5's	4495-0180	4495-0180Q	4495-0220	4495-0220Q
5-5 5-5	20	with Hooks on 3's	4495-218	4495-218Q	4495-222	4495-222Q
5-5 5-5	20	with Hooks on 3's and Offset Pads on Lower 4's & 5's	4495-2180	4495-2180Q	4495-2220	4495-2220Q
5-5 5-5	20	without Hooks	4495-118	4495-118Q	4495-122	4495-122Q
5-5 5-5	20	without Hooks and Offset Pads on Lower 4's & 5's	4495-1180	4495-1180Q	4495-1220	4495-1220Q

McLaughlin, Bennett, and Trevisi Prescription* Cases

SET-UP	BRACKETS PER CASE	DESCRIPTION	IN WHEELS NO.	IN SINGLE CASE KITS .018" ITEM NO.	IN WHEELS NO.	IN SINGLE CASE KITS NO.
5-5 5-5	20	with Hooks on 3's, 4's, & 5's	4495-918	4495-918Q	4495-922	4495-922Q
5-5 5-5	20	with Hooks on 3's, 4's, & 5's and Offset Pads on Lower 4's & 5's	4495-9180	4495-9180Q	4495-9220	4495-9220Q
5-5 5-5	20	with Hooks on 3's	4495-928	4495-928Q	4495-912	4495-912Q
5-5 5-5	20	with Hooks on 3's and Offset Pads on Lower 4's & 5's	4495-9280	4495-9280Q	4495-9120	4495-9120Q
5-5 5-5	20	without Hooks	4495-908	4495-908Q	4495-902	4495-902Q
5-5 5-5	20	without Hooks and Offset Pads on Lower 4's & 5's	4495-9080	4495-9080Q	4495-9020	4495-9020Q
5-5 5-5	20	with Hooks on 3's, 4's, & 5's (0 Torque 3's)	4495-518	4495-518Q	4495-522	4495-522Q
5-5 5-5	20	with Hooks on 3's, 4's, & 5's (0 Torque 3's) and Offset Pads on Lower 4's & 5's	4495-5180	4495-5180Q	4495-5220	4495-5220Q
5-5 5-5	20	with Hooks on 3's (0 Torque 3's)	4495-528	4495-528Q	4495-512	4495-512Q
5-5 5-5	20	with Hooks on 3's (0 Torque 3's) and Offset Pads on Lower 4's & 5's	4495-5280	4495-5280Q	4495-5120	4495-5120Q
5-5 5-5	20	without Hooks (0 Torque 3's)	4495-508	4495-508Q	4495-502	4495-502Q
5-5 5-5	20	without Hooks (0 Torque 3's) and Offset Pads on Lower 4's & 5's	4495-5080	4495-5080Q	4495-5020	4495-5020Q

**MASEL's* prescription does not imply endorsement by the doctors.

Roth Prescription* Individual Brackets

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY	Centrals	—	Black	+12°	+5°	0°	0.144"	0.063"	0.122"	R	4495-315	4495-311
										L	4495-316	4495-312
	Laterals	—	Pink	+8°	+9°	0°	0.126"	0.070"	0.122"	R	4495-325	4495-321
										L	4495-326	4495-322
	Cuspids	with Hook	Green	-2°	+13°	4°M	0.136"	0.062"	0.122"	R	4495-335	4495-331
										L	4495-336	4495-332
		without Hook		-2°	+13°	4°M	0.136"	0.062"	0.122"	R	4495-358	4495-356
										L	4495-359	4495-357
	Bicuspids	with Hook	Purple	-7°	0°	2°D	0.128"	0.061"	0.122"	R	4495-345	4495-341
										L	4495-344	4495-340
		without Hook		-7°	0°	2°D	0.128"	0.061"	0.122"	R	4495-355	4495-351
										L	4495-354	4495-350
	Bicuspids (Offset Pads)	with Hook	Purple	-7°	0°	2°D	0.128"	0.061"	0.122"	R	4495-745	4495-741
										L	4495-744	4495-740
		without Hook		-7°	0°	2°D	0.128"	0.061"	0.122"	R	4495-755	4495-751
										L	4495-754	4495-750
MANDIBULAR	Anteriors	—	Yellow	-1°	0°	0°	0.098"	0.062"	0.122"	R & L	4995-305	4995-301
	Cuspids	with Hook	Blue	-11°	+7°	2°M	0.137"	0.060"	0.122"	R	4495-365	4495-361
										L	4495-366	4495-362
		without Hook		-11°	+7°	2°M	0.137"	0.060"	0.122"	R	4495-367	4495-363
										L	4495-368	4495-364
	1st Bicuspids	with Hook	White	-17°	0°	4°D	0.131"	0.062"	0.122"	R	4495-377	4495-373
										L	4495-378	4495-374
		without Hook		-17°	0°	4°D	0.131"	0.062"	0.122"	R	4495-375	4495-371
										L	4495-376	4495-372
	1st Bicuspids (Offset Pads)	with Hook	White	-17°	0°	4°D	0.131"	0.062"	0.122"	R	4495-777	4495-773
										L	4495-778	4495-774
		without Hook		-17°	0°	4°D	0.131"	0.062"	0.122"	R	4495-775	4495-771
										L	4495-776	4495-772
	2nd Bicuspids	with Hook	Red	-22°	0°	4°D	0.131"	0.061"	0.122"	R	4495-387	4495-383
										L	4495-388	4495-384
		without Hook		-22°	0°	4°D	0.131"	0.061"	0.122"	R	4495-385	4495-381
										L	4495-386	4495-382
	2nd Bicuspids (Offset Pads)	with Hook	Red	-22°	0°	4°D	0.131"	0.061"	0.122"	R	4495-787	4495-783
										L	4495-788	4495-784
		without Hook		-22°	0°	4°D	0.131"	0.061"	0.122"	R	4495-785	4495-781
										L	4495-786	4495-782

**MASEL's* prescription does not imply endorsement by the doctors.

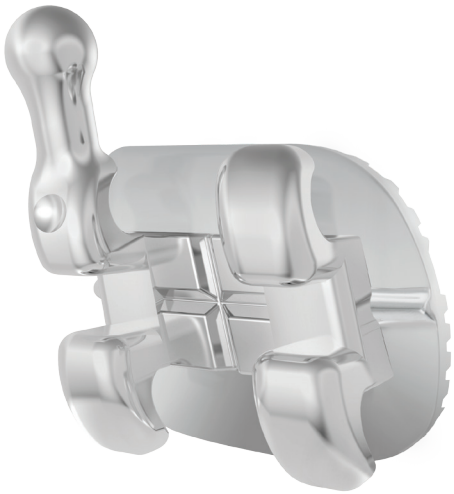
McLaughlin, Bennett, and Trevisi Prescription* Individual Brackets

	BRACKET	DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY	Centrals	—	Black	+17°	+4°	0°	0.144"	0.063"	0.122"	R	4495-415	4495-411
										L	4495-416	4495-412
	Laterals	—	Pink	+10°	+8°	0°	0.126"	0.070"	0.122"	R	4495-425	4495-421
										L	4495-426	4495-422
	Cuspids	with Hook	Green	-7°	+8°	0°	0.136"	0.062"	0.122"	R	4495-435	4495-431
										L	4495-436	4495-432
		without Hook		-7°	+8°	0°	0.136"	0.062"	0.122"	R	4495-458	4495-456
										L	4495-459	4495-457
	Cuspids (OT)	with Hook	Green	0°	+8°	0°	0.136"	0.062"	0.122"	R	4495-535	4495-531
										L	4495-536	4495-532
		without Hook		0°	+8°	0°	0.136"	0.062"	0.122"	R	4495-558	4495-556
										L	4495-559	4495-557
	Bicuspids	with Hook	Purple	-7°	0°	0°	0.128"	0.061"	0.122"	R	4495-445	4495-441
										L	4495-444	4495-440
		without Hook		-7°	0°	0°	0.128"	0.061"	0.122"	R	4495-455	4495-451
										L	4495-454	4495-450
	Bicuspids (Offset Pads)	with Hook	Purple	-7°	0°	0°	0.128"	0.061"	0.122"	R	4495-645	4495-641
										L	4495-644	4495-640
		without Hook		-7°	0°	0°	0.128"	0.061"	0.122"	R	4495-655	4495-651
										L	4495-654	4495-650
MANDIBULAR	Anteriors	—	Yellow	-6°	0°	0°	0.098"	0.062"	0.122"	R & L	4995-405	4995-401
	Cuspids	with Hook	Blue	-6°	+3°	0°	0.137"	0.060"	0.122"	R	4495-465	4495-461
										L	4495-466	4495-462
		without Hook		-6°	+3°	0°	0.137"	0.060"	0.122"	R	4495-467	4495-463
										L	4495-468	4495-464
	Cuspids	with Hook	Blue	0°	+3°	0°	0.137"	0.060"	0.122"	R	4495-565	4495-561
										L	4495-566	4495-562
		without Hook		0°	+3°	0°	0.137"	0.060"	0.122"	R	4495-567	4495-563
										L	4495-568	4495-564
	1st Bicuspids	with Hook	Gray	-12°	+2°	0°	0.131"	0.062"	0.122"	R	4495-477	4495-473
										L	4495-478	4495-474
		without Hook		-12°	+2°	0°	0.131"	0.062"	0.122"	R	4495-475	4495-471
										L	4495-476	4495-472
	1st Bicuspids (Offset Pads)	with Hook	Gray	-12°	+2°	0°	0.131"	0.062"	0.122"	R	4495-677	4495-673
										L	4495-678	4495-674
		without Hook		-12°	+2°	0°	0.131"	0.062"	0.122"	R	4495-675	4495-671
										L	4495-676	4495-672
	2nd Bicuspids	with Hook	White	-17°	+2°	0°	0.131"	0.061"	0.122"	R	4495-487	4495-483
										L	4495-488	4495-484
		without Hook		-17°	+2°	0°	0.131"	0.061"	0.122"	R	4495-485	4495-481
										L	4495-486	4495-482
	2nd Bicuspids (Offset Pads)	with Hook	White	-17°	+2°	0°	0.131"	0.061"	0.122"	R	4495-687	4495-683
										L	4495-688	4495-684
		without Hook		-17°	+2°	0°	0.131"	0.061"	0.122"	R	4495-685	4495-681
										L	4495-686	4495-682

*MASEL's prescription does not imply endorsement by the doctors.

Bravo Primo™ Low-Profile Brackets

Bravo Primo Low-Profile Brackets are designed to optimize clinical efficiency to help you with your practice. These brackets are manufactured using the most advanced Metal Injection Molding (MIM) technology and provide an aesthetically-pleasing, high-polish finish.



Patient Comfort:

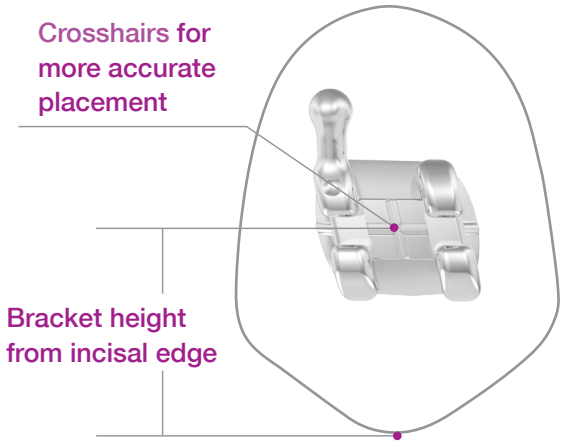
- Low-profile design
- Smooth, rounded surfaces
- Soft tissue irritation is minimized with the rounded ball hook

Optimized Practice Efficiency:

- State-of-the-art pylon base design maximizes surface area, which directly correlates to bond retention
- Bracket's compound contoured base "fits like a glove" at tooth interface
- Rounded archwire-slot edges reduce friction, minimizing archwire notching
- Easy bracket identification using the color-coded ID mark

Multiple Visual Cues for Optimized Bracket Placement

- Patented horizontal line across the bracket and pad, mesial distal, combined with vertical line, creates a "crosshair" for precise bracket placement
- Anti-rotation is built into the slot, mesial distal, thus sides of the bracket are presented perpendicular to the tooth, eliminating the parallax that is created as a result of putting the anti-rotation in the base of the brackets



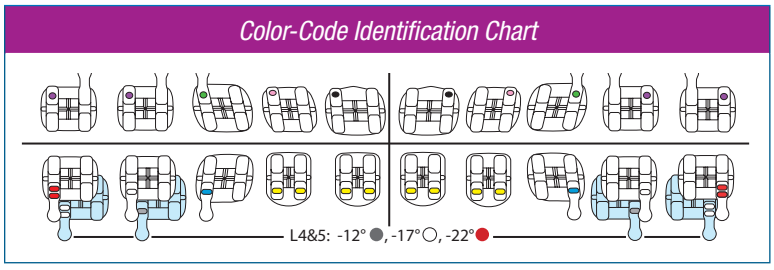
***Bravo Primo* Brackets Availability**

- .018 slot size, Roth prescription only, and .022 slot size in both Roth and McLaughlin, Bennett, and Trevisi prescriptions
- Hook and non-hook options on cuspids and bicuspids
- All bicuspids offered with or without off-set pads
- Off-set base for upper and lower cuspids
- 17-4 stainless steel construction
- 5x5 case or in packs of 10 brackets



Premium Packaging

Bravo Primo Bracket Identification



Roth Prescription* (10 Per Pack)

	BRACKET	DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018 ITEM NO.	.022 ITEM NO.
MAXILLARY	Centrals	—	Black	+12˚	+5˚	0˚	0.130"	0.073"	0.122"	R	4499-315-10	4499-311-10
										L	4499-316-10	4499-312-10
	Laterals	—	Pink	+8˚	+9˚	0˚	0.109"	0.074"	0.122"	R	4499-325-10	4499-321-10
										L	4499-326-10	4499-322-10
	Cuspids	With Hook	Green	-2˚	+13˚	4˚M	0.117"	0.059"	0.122"	R	4499-335-10	4499-331-10
										L	4499-336-10	4499-332-10
		Without Hook		-2˚	+13˚	4˚M	0.117"	0.059"	0.122"	R	4499-358-10	4499-356-10
										L	4499-359-10	4499-357-10
	Bicuspids	With Hook	Purple	-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-345-10	4499-341-10
										L	4499-344-10	4499-340-10
		Without Hook		-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-355-10	4499-351-10
										L	4499-354-10	4499-350-10
	Bicuspids (Gingivly Offset Pads)	With Hook	Purple	-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-745-10	4499-741-10
										L	4499-744-10	4499-740-10
		Without Hook		-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-755-10	4499-751-10
										L	4499-754-10	4499-750-10
MANDIBULAR	Anteriors		Yellow	-1˚	0˚	0˚	0.096"	0.077"	0.122"	R & L	4499-305-10	4499-301-10
	Cuspids	With Hook	Blue	-11˚	+7˚	2˚M	0.119"	0.068"	0.122"	R	4499-365-10	4499-361-10
										L	4499-366-10	4499-362-10
		Without Hook		-11˚	+7˚	2˚M	0.119"	0.068"	0.122"	R	4499-367-10	4499-363-10
										L	4499-368-10	4499-364-10
	Cuspids (OT)	With Hook	Blue	0˚	+3˚	0˚	0.119"	0.068"	0.122"	R	4499-561-10	
										L	4499-562-10	
		Without Hook		0˚	+3˚	0˚	0.119"	0.068"	0.122"	R	4499-563-10	
										L	4499-564-10	
	1st Bicuspids	With Hook	White	-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-377-10	4499-373-10
										L	4499-378-10	4499-374-10
		Without Hook		-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-375-10	4499-371-10
										L	4499-376-10	4499-372-10
	1st Bicuspids (Gingivly Offset Pads)	With Hook	White	-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-777-10	4499-773-10
										L	4499-778-10	4499-774-10
		Without Hook		-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-775-10	4499-771-10
										L	4499-776-10	4499-772-10
	2nd Bicuspids	With Hook	Red	-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-387-10	4499-383-10
										L	4499-388-10	4499-384-10
		Without Hook		-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-385-10	4499-381-10
										L	4499-386-10	4499-382-10
	2nd Bicuspids (Gingivly Offset Pads)	With Hook	Red	-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-787-10	4499-783-10
										L	4499-788-10	4499-784-10
		Without Hook		-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-785-10	4499-781-10
										L	4499-786-10	4499-782-10

**MASEL's* prescription does not imply endorsement by the doctor(s).

Roth Prescription* (10 Per Pack)

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018 ITEM NO.	.022 ITEM NO.
MAXILLARY	Centrals	—	Black	+12˚	+5˚	0˚	0.130"	0.073"	0.122"	R	4499-315-10	4499-311-10
										L	4499-316-10	4499-312-10
	Laterals	—	Pink	+8˚	+9˚	0˚	0.109"	0.074"	0.122"	R	4499-325-10	4499-321-10
										L	4499-326-10	4499-322-10
	Cuspids	With Hook	Green	-2˚	+13˚	4˚M	0.117"	0.059"	0.122"	R	4499-335-10	4499-331-10
										L	4499-336-10	4499-332-10
		Without Hook		-2˚	+13˚	4˚M	0.117"	0.059"	0.122"	R	4499-358-10	4499-356-10
										L	4499-359-10	4499-357-10
	Bicuspids	With Hook	Purple	-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-345-10	4499-341-10
										L	4499-344-10	4499-340-10
		Without Hook		-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-355-10	4499-351-10
										L	4499-354-10	4499-350-10
	Bicuspids (Gingivly Offset Pads)	With Hook	Purple	-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-745-10	4499-741-10
										L	4499-744-10	4499-740-10
		Without Hook		-7˚	0˚	2˚D	0.120"	0.065"	0.122"	R	4499-755-10	4499-751-10
										L	4499-754-10	4499-750-10
MANDIBULAR	Anteriors		Yellow	-1˚	0˚	0˚	0.096"	0.077"	0.122"	R & L	4499-305-10	4499-301-10
	Cuspids	With Hook	Blue	-11˚	+7˚	2˚M	0.119"	0.068"	0.122"	R	4499-365-10	4499-361-10
										L	4499-366-10	4499-362-10
		Without Hook		-11˚	+7˚	2˚M	0.119"	0.068"	0.122"	R	4499-367-10	4499-363-10
										L	4499-368-10	4499-364-10
	Cuspids (0T)	With Hook	Blue	0˚	+3˚	0˚	0.119"	0.068"	0.122"	R	4499-561-10	
										L	4499-562-10	
		Without Hook		0˚	+3˚	0˚	0.119"	0.068"	0.122"	R	4499-563-10	
										L	4499-564-10	
	1st Bicuspids	With Hook	White	-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-377-10	4499-373-10
										L	4499-378-10	4499-374-10
		Without Hook		-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-375-10	4499-371-10
										L	4499-376-10	4499-372-10
	1st Bicuspids (Gingivly Offset Pads)	With Hook	White	-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-777-10	4499-773-10
										L	4499-778-10	4499-774-10
		Without Hook		-17˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-775-10	4499-771-10
										L	4499-776-10	4499-772-10
	2nd Bicuspids	With Hook	Red	-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-387-10	4499-383-10
										L	4499-388-10	4499-384-10
		Without Hook		-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-385-10	4499-381-10
										L	4499-386-10	4499-382-10
	2nd Bicuspids (Gingivly Offset Pads)	With Hook	Red	-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-787-10	4499-783-10
										L	4499-788-10	4499-784-10
		Without Hook		-22˚	0˚	4˚D	0.119"	0.074"	0.122"	R	4499-785-10	4499-781-10
										L	4499-786-10	4499-782-10

**MASEL's* prescription does not imply endorsement by the doctor(s).

McLaughlin, Bennett, & Trevisi Prescription* (10 Per Pack)

	BRACKET	DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.022 ITEM NO.
MAXILLARY	Centrals	—	Black	+17°	+4°	0°	0.130"	0.073"	0.122"	R	4499-411-10
										L	4499-412-10
	Laterals	—	Pink	+10°	+8°	0°	0.109"	0.074"	0.122"	R	4499-421-10
										L	4499-422-10
	Cuspids	With Hook	Green	-7°	+8°	0°	0.117"	0.059"	0.122"	R	4499-431-10
										L	4499-432-10
		Without Hook		-7°	+8°	0°	0.117"	0.059"	0.122"	R	4499-456-10
										L	4499-457-10
	Cuspids (OT)	With Hook	Green	0°	+8°	0°	0.117"	0.059"	0.122"	R	4499-531-10
										L	4499-532-10
		Without Hook		0°	+8°	0°	0.117"	0.059"	0.122"	R	4499-556-10
										L	4499-557-10
	Bicuspids	With Hook	Purple	-7°	0°	0°	0.120"	0.065"	0.122"	R	4499-441-10
										L	4499-440-10
		Without Hook		-7°	0°	0°	0.120"	0.065"	0.122"	R	4499-451-10
										L	4499-450-10
	Bicuspids (Gingivly Offset Pads)	With Hook	Purple	-7°	0°	0°	0.120"	0.065"	0.122"	R	4499-641-10
										L	4499-640-10
		Without Hook		-7°	0°	0°	0.120"	0.065"	0.122"	R	4499-651-10
										L	4499-650-10
MANDIBULAR	Anteriors		Yellow	-6°	0°	0°	0.096"	0.077"	0.122"	R & L	4499-401-10
	Cuspids	With Hook	Blue	-6°	+3°	0°	0.119"	0.068"	0.122"	R	4499-461-10
										L	4499-462-10
		Without Hook		-6°	+3°	0°	0.119"	0.068"	0.122"	R	4499-463-10
										L	4499-464-10
	Cuspids (OT)	With Hook	Blue	0°	+3°	0°	0.119"	0.068"	0.122"	R	4499-561-10
										L	4499-562-10
		Without Hook		0°	+3°	0°	0.119"	0.068"	0.122"	R	4499-563-10
										L	4499-564-10
	1st Bicuspids	With Hook	Gray	-12°	+2°	0°	0.119"	0.074"	0.122"	R	4499-473-10
										L	4499-474-10
		Without Hook		-12°	+2°	0°	0.119"	0.074"	0.122"	R	4499-471-10
										L	4499-472-10
	1st Bicuspids (Gingivly Offset Pads)	With Hook	Gray	-12°	+2°	0°	0.119"	0.074"	0.122"	R	4499-673-10
										L	4499-674-10
		Without Hook		-12°	+2°	0°	0.119"	0.074"	0.122"	R	4499-671-10
										L	4499-672-10
	2nd Bicuspids	With Hook	White	-17°	+2°	0°	0.119"	0.074"	0.122"	R	4499-483-10
										L	4499-484-10
		Without Hook		-17°	+2°	0°	0.119"	0.074"	0.122"	R	4499-481-10
										L	4499-482-10
	2nd Bicuspids (Gingivly Offset Pads)	With Hook	White	-17°	+2°	0°	0.119"	0.074"	0.122"	R	4499-683-10
										L	4499-684-10
		Without Hook		-17°	+2°	0°	0.119"	0.074"	0.122"	R	4499-681-10
										L	4499-682-10

Roth Prescription* Single Cases $\frac{5-5}{5-5}$

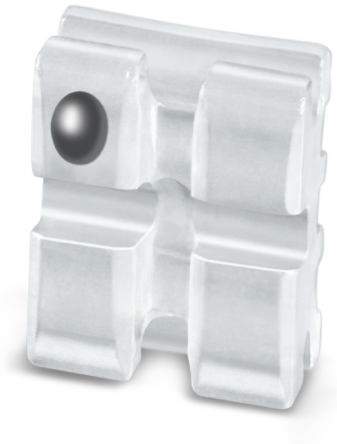
BRACKETS PER CASE	DESCRIPTION	.018 ITEM NO.	.022 ITEM NO.
20	With Hooks on 3's, 4's & 5's	4499-018Q	4499-022Q
20	With Hooks on 3's, 4's & 5's and Gingivly Offset Pads on Lower 4's & 5's	4499-0180Q	4499-0220Q
20	With Hooks on 3's	4499-218Q	4499-222Q
20	With Hooks on 3's and Gingivly Offset Pads on Lower 4's & 5's	4499-2180Q	4499-2220Q
20	Without Hooks	4499-118Q	4499-122Q
20	Without Hooks and Gingivly Offset Pads on Lower 4's & 5's	4499-1180Q	4499-1220Q

McLaughlin, Bennett, & Trevisi Prescription* Single Cases $\frac{5-5}{5-5}$

BRACKETS PER CASE	DESCRIPTION	.022 ITEM NO.
20	With Hooks on 3's, 4's & 5's	4499-922Q
20	With Hooks on 3's, 4's & 5's and Gingivly Offset Pads on Lower 4's & 5's	4499-9220Q
20	With Hooks on 3's	4499-912Q
20	With Hooks on 3's and Gingivly Offset Pads on Lower 4's & 5's	4499-9120Q
20	Without Hooks	4499-902Q
20	Without Hooks and Gingivly Offset Pads on Lower 4's & 5's	4499-9020Q
20	With Hooks on 3's, 4's & 5's (0 Torque 3's)	4499-522Q
20	With Hooks on 3's, 4's & 5's (0 Torque 3's) and Gingivly Offset Pads on Lower 4's & 5's	4499-5220Q
20	With Hooks on 3's (0 Torque 3's)	4499-512Q
20	With Hooks on 3's (0 Torque 3's) and Gingivly Offset Pads on Lower 4's & 5's	4499-5120Q
20	Without Hooks (0 Torque 3's)	4499-502Q
20	Without Hooks (0 Torque 3's) and Gingivly Offset Pads on Lower 4's & 5's	4499-5020Q

**MASEL's* prescription does not imply endorsement by the doctor(s).

Silhouette Poly-Sapphire Ceramic Brackets



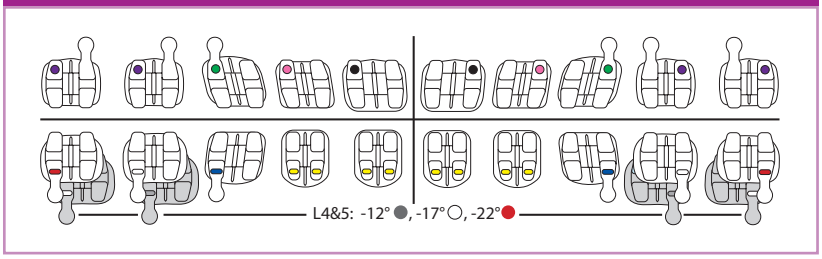
The *Silhouette* Poly-Sapphire Ceramic Bracket gives you the clarity of a "sapphire" (monocrystalline) bracket, with less glare. The *Silhouette Poly-Sapphire* Ceramic Bracket provides the strength you require, while at the same time serving your patients' needs by being resistant to stains and discoloration.

The *Silhouette* Poly-Sapphire Ceramic Bracket is the right choice for your practice.

- Poly-Sapphire, super-aesthetic appearance
  - An invisible look when you compare to sapphire brackets
  - The natural color of the tooth penetrates through the clear bracket
  - The glare commonly found with sapphire brackets is non-existent
- Hard surface
  - 45% less friction compared to sapphire brackets allows for more efficient tooth movement
  - Abrasion and high shock resistance
  - Resistant to stains and discoloration
- Low profile for patient comfort
- Mechanical bonding base for strong predictable bond strength and easy de-bonding
- Downdraft on tie-wings for easy, and safe ligation
- Single hook for a less bulky feel
- Available in both .018 and .022 slot sizes
- Available in both Roth and McLaughlin, Bennett, and Trevisi prescriptions
- Color-coded with an ID mark that can easily be removed



Color-Code Identification Chart



MAXILLARY
U1: BLACK—DISTAL-GINGIVAL TIE WING
U2: PINK—DISTAL-GINGIVAL TIE WING
U3: GREEN—DISTAL-GINGIVAL TIE WING
U4 & 5: PURPLE—DISTAL-GINGIVAL TIE WING

MANDIBULAR
L1 & 2: YELLOW—GINGIVAL TIE WINGS = UNIVERSAL
L3: BLUE—DISTAL-GINGIVAL TIE WING
L4 & 5: SEE ABOVE

ROTH
LOWER 4'S: WHITE
LOWER 5'S: RED

MCLAUGHLIN, BENNETT, AND TREVISI
LOWER 4'S: GRAY
LOWER 5'S: WHITE

Roth Prescription* Individual Brackets

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY	Centrals	—	Black	+12°	+5°	0°	0.125"	0.075"	0.154"	R	2886-315	2886-311
										L	2886-316	2886-312
	Laterals	—	Pink	+8°	+9°	0°	0.125"	0.089"	0.152"	R	2886-325	2886-321
										L	2886-326	2886-322
	Cuspids	with Hook	Green	0°	+11°	+4°M	0.125"	0.075"	0.202"	R	2886-335	2886-331
										L	2886-336	2886-332
		without Hook		0°	+11°	+4°M	0.125"	0.075"	0.154"	R	2886-358	2886-356
										L	2886-359	2886-357
	Bicuspids	with Hook	Purple	-7°	0°	0°	0.125"	0.075"	0.202"	R	2886-345	2886-341
										L	2886-344	2886-340
		without Hook		-7°	0°	0°	0.125"	0.075"	0.154"	R	2886-355	2886-351
										L	2886-354	2886-350
MANDIBULAR	Anteriors	—	Yellow	0°	0°	0°	0.12"	0.091"	0.151"	R & L	2886-305	2886-301
	Cuspids	with Hook	Blue	-11°	+5°	+2°M	0.125"	0.075"	0.202"	R	2886-365	2886-361
										L	2886-366	2886-362
		without Hook		-11°	+5°	+2°M	0.125"	0.075"	0.154"	R	2886-367	2886-363
										L	2886-368	2886-364
	1st Bicuspids	with Hook	White	-17°	0°	0°	0.125"	0.076"	0.202"	R	2886-377	2886-373
										L	2886-378	2886-374
		without Hook		-17°	0°	0°	0.125"	0.075"	0.152"	R	2886-375	2886-371
										L	2886-376	2886-372
	2nd Bicuspids	with Hook	Red	-22°	0°	0°	0.125"	0.078"	0.202"	R	2886-387	2886-383
										L	2886-388	2886-384
		without Hook		-22°	0°	0°	0.125"	0.075"	0.152"	R	2886-385	2886-381
										L	2886-386	2886-382

Roth Prescription* Case Set-ups in Wheels

SET-UP	BRACKETS PER CASE	DESCRIPTION	.018" ITEM NO.	.022" ITEM NO.
5–5 / 5–5	20	with Hooks on 3's, 4's, & 5's	2886-0461	2886-0471
5–5 / 5–5	20	with Hooks on 3's	2886-0481	2886-0491
5–5 / 5–5	20	without Hooks	2886-0441	2886-0451
5–5 / 5–5	20 (10 Cases)	with Hooks on 3's, 4's, & 5's	2886-0461-10	2886-0471-10
5–5 / 5–5	20 (10 Cases)	with Hooks on 3's	2886-0481-10	2886-0491-10
5–5 / 5–5	20 (10 Cases)	without Hooks	2886-0441-10	2886-0451-10
5–5	10	with Hooks on 3's, 4's, & 5's	2886-0462	2886-0472
5–5	10	with Hooks on 3's	2886-0482	2886-0492
5–5	10	without Hooks	2886-0442	2886-0452
3–3 / 3–3	12	with Hooks on 3's	2886-036	2886-037
3–3 / 3–3	12	without Hooks	2886-034	2886-035
3–3	6	with Hooks on 3's	2886-032	2886-033
3–3	6	without Hooks	2886-030	2886-031

*MASEL's prescription does not imply endorsement by the doctors.

tip!
Use our Orthocosmetic Wires for a complete finished look.
Orthocosmetic Elastinol™
See page E8
Orthocosmetic Ligature Preformed Ties
See pages E25-E26



McLaughlin, Bennett, and Trevisi Prescription* Individual Brackets

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY	Centrals	—	Black	+17˚	+4˚	0˚	0.125"	0.075"	0.154"	R	2886-415	2886-411
										L	2886-416	2886-412
	Laterals	—	Pink	+10˚	+8˚	0˚	0.125"	0.089"	0.152"	R	2886-425	2886-421
										L	2886-426	2886-422
	Cuspids	with Hook	Green	-7˚	+8˚	0˚	0.125"	0.075"	0.202"	R	2886-435	2886-431
										L	2886-436	2886-432
		without Hook		-7˚	+8˚	0˚	0.125"	0.075"	0.154"	R	2886-458	2886-456
										L	2886-459	2886-457
	Bicuspids	with Hook	Purple	-7˚	0˚	0˚	0.125"	0.075"	0.202"	R	2886-445	2886-441
										L	2886-444	2886-440
		without Hook		-7˚	0˚	0˚	0.125"	0.075"	0.154"	R	2886-455	2886-451
										L	2886-454	2886-450
MANDIBULAR	Anteriors	—	Yellow	-6˚	0˚	0˚	0.12"	0.091"	0.151"	R & L	2886-405	2886-401
	Cuspids	with Hook	Blue	-6˚	+3˚	0˚	0.125"	0.075"	0.202"	R	2886-465	2886-461
										L	2886-466	2886-462
		without Hook		-6˚	+3˚	0˚	0.125"	0.075"	0.154"	R	2886-467	2886-463
										L	2886-468	2886-464
	1st Bicuspids	with Hook	Gray	-12˚	0˚	0˚	0.125"	0.076"	0.202"	R	2886-477	2886-473
										L	2886-478	2886-474
		without Hook		-12˚	0˚	0˚	0.125"	0.075"	0.152"	R	2886-475	2886-471
										L	2886-476	2886-472
	2nd Bicuspids	with Hook	White	-17˚	0˚	0˚	0.125"	0.078"	0.202"	R	2886-487	2886-483
										L	2886-488	2886-484
		without Hook		-17˚	0˚	0˚	0.125"	0.075"	0.152"	R	2886-485	2886-481
										L	2886-486	2886-482

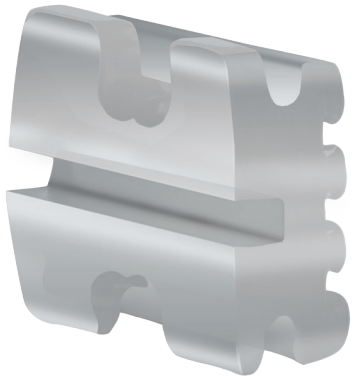
McLaughlin, Bennett, and Trevisi Prescription* Case Set-ups in Wheels

SET-UP	BRACKETS PER CASE	DESCRIPTION	.018" ITEM NO.	.022" ITEM NO.
5–5 / 5–5	20	with Hooks on 3's, 4's, & 5's	2886-9461	2886-9471
5–5 / 5–5	20	with Hooks on 3's	2886-9481	2886-9491
5–5 / 5–5	20	without Hooks	2886-9441	2886-9451
5–5 / 5–5	20 (10 Cases)	with Hooks on 3's, 4's, & 5's	2886-9461-10	2886-9471-10
5–5 / 5–5	20 (10 Cases)	with Hooks on 3's	2886-9481-10	2886-9491-10
5–5 / 5–5	20 (10 Cases)	without Hooks	2886-9441-10	2886-9451-10
5–5	10	with Hooks on 3's, 4's, & 5's	2886-9462	2886-9472
5–5	10	with Hooks on 3's	2886-9482	2886-9492
5–5	10	without Hooks	2886-9442	2886-9452
3–3 / 3–3	12	with Hooks on 3's	2886-936	2886-937
3–3 / 3–3	12	without Hooks	2886-934	2886-935
3–3	6	with Hooks on 3's	2886-932	2886-933
3–3	6	without Hooks	2886-930	2886-931

**MASEL's* prescription does not imply endorsement by the doctors.

Ameri-Twin USA Ceramic Brackets

The *Ameri-Twin* Ceramic Bracket is a translucent bracket made from polycrystalline alumina material. It blends perfectly with the natural tooth tone to give your patients the aesthetic appearance they desire. In addition, it resists breakage and is easy to debond.



Choose *Ameri-Twin* Ceramic Brackets and you'll enjoy these features and benefits:

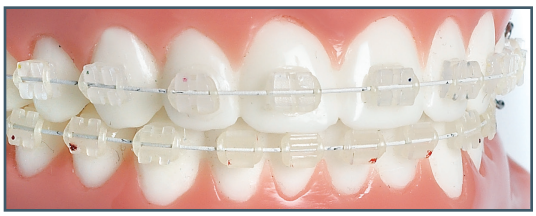
- Purest Polycrystalline, 99% Alumina, material resists breakage
- Translucent material blends perfectly with natural tooth tone for an aesthetically pleasing look
- Compound contour torque-in-base design for precise fit and tip, torque, and in/out movements
- Generous tie-wing area for safe and easy ligation
- Contoured auxiliary hooks enhance patient comfort
- Universal hooks on 4's and 5's reduce inventory requirements
- Available in both Roth and McLaughlin, Bennett, and Trevisi prescriptions
- Color-coded with an ID mark that can easily be removed
- Mechanical grooves/porous surface bonding base for strong predictable bond strength, and easy de-bonding

Individual Brackets (10 Per Pack)

BRACKET		DESCRIPTION	COLOR- CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY	Centrals		Orange	+12°	+5°	0°	.153"	.083"	.150"	R	2901-315-10	2901-311-10
										L	2901-316-10	2901-312-10
	Laterals		Green	+8°	+9°	0°	.131"	.091"	.150"	R	2901-325-10	2901-321-10
										L	2901-326-10	2901-322-10
	Cuspids	With Hook	Red	+0°	+11°	+4°	.136"	.070"	.150"	R	2901-335-10	2901-331-10
										L	2901-336-10	2901-332-10
		Without Hook		+0°	+11°	+4°	.136"	.070"	.150"	R	2901-358-10	2901-356-10
										L	2901-359-10	2901-357-10
	Bicuspids	With Hook	Blue	-7°	0°	0°	.128"	.070"	.148"	R	2901-345-10	2901-341-10
										L	2901-344-10	2901-340-10
		Without Hook		-7°	0°	0°	.128"	.070"	.148"	R	2901-355-10	2901-351-10
										L	2901-354-10	2901-350-10
MANDIBULAR	Anteriors		None	0°	0°	0°	.113"	.091"	.152"	R & L	2901-305-10	2901-301-10
	Cuspids	With Hook	Yellow	-11°	+5°	2°M	.135"	.074"	.152"	R	2901-365-10	2901-361-10
										L	2901-366-10	2901-362-10
		Without Hook		-11°	+5°	2°M	.135"	.074"	.152"	R	2901-367-10	2901-363-10
										L	2901-368-10	2901-364-10
	1st Bicuspids	With Hook	Brown	-17°	0°	0°	.130"	.071"	.143"	R	2901-377-10	2901-373-10
										L	2901-378-10	2901-374-10
		Without Hook		-17°	0°	0°	.130"	.071"	.143"	R	2901-375-10	2901-371-10
										L	2901-376-10	2901-372-10
	2nd Bicuspids	With Hook	Black	-22°	0°	0°	.131"	.071"	.143"	R	2901-387-10	2901-383-10
										L	2901-388-10	2901-384-10
		Without Hook		-22°	0°	0°	.131"	.071"	.143"	R	2901-385-10	2901-381-10
										L	2901-386-10	2901-382-10

Roth Single Case Kits

BRACKETS PER CASE	DESCRIPTION	.018" ITEM NO.	.022" ITEM NO.
20	With Hooks on 3's, 4's, 5's	2901-0461	2901-0471



Quantum Composite Roth* Brackets

Like metal brackets, *Quantum* Brackets bond and debond quickly, are easy to ligate, and feature wide, shatter-resistant hooks. Unlike metal, they don't conduct cold temperatures and are less irritating.

Quantum Brackets are smooth and comfortable, and won't stain or discolor. The *Quantum* Bracket is a cast bracket which doesn't easily degrade, or distort under ligation or archwire pressure. Requires plastic primer for bonding. (See tip below.)

Quantum™

Strong and durable composite material, won't stain or discolor.





Mechanical locking base for efficient bond retention and ease of debonding.



Low profile design eliminates discomfort. Attractive translucent finish reduces glare.

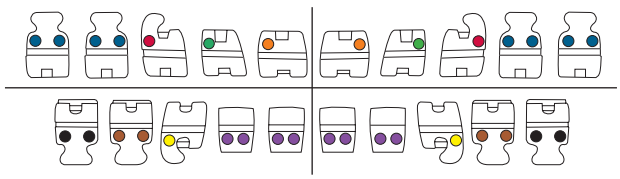
Individual Brackets

BRACKET		DESCRIPTION	COLOR-CODE	TORQUE	ANG.	ROT.	M/D WIDTH	HGT.	O/G	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY	Centrals	Twin	Orange	+12°	+5°	0°	.155"	.053"	.143"	R	2783-315	2783-311
										L	2783-316	2783-312
	Laterals	Twin	Green	+8°	+9°	0°	.133"	.073"	.145"	R	2783-225	2783-221
										L	2783-226	2783-222
	Cuspids	Twin with Hook	Red	+0°	+11°	+4°	.131"	.051"	.150"	R	2783-235	2783-231
										L	2783-236	2783-232
		Twin without Hook		+0°	+11°	+4°	.131"	.051"	.150"	R	2783-237	2783-233
										L	2783-238	2783-234
	Bicuspids	with Hook	Blue	-7°	0°	0°	.130"	.056"	.148"	R & L	2783-245	2783-241
		without Hook		-7°	0°	0°	.130"	.056"	.148"	R & L	2783-246	2783-242
MANDIBULAR	Anteriors	45° Beveled Twin	Purple	0°	0°	0°	.110"	.075"	.143"	R & L	2783-106	2783-102
	Cuspids	Twin with Hook	Yellow	-11°	+5°	+2°	.133"	.051"	.192"	R	2783-265	2783-261
										L	2783-266	2783-262
		Twin without Hook		-11°	+5°	+2°	.133"	.051"	.152"	R	2783-267	2783-263
										L	2783-268	2783-264
	1st Bicuspids	Twin with Hook	Brown	-17°	0°	0°	.133"	.056"	.195"	R & L	2783-276	2783-272
		Twin without Hook		-17°	0°	0°	.133"	.056"	.143"	R & L	2783-277	2783-274
	2nd Bicuspids	Twin with Hook	Black	-22°	0°	0°	.133"	.056"	.195"	R & L	2783-286	2783-282
		Twin without Hook		-22°	0°	0°	.133"	.056"	.143"	R & L	2783-287	2783-284

Case Set-ups in Wheels

SET-UP	BRACKETS PER CASE	DESCRIPTION	.018" ITEM NO.	.022" ITEM NO.
5–5 / 5–5	20	with Hooks	2783-0461	2783-0471
5–5 / 5–5	20	without Hooks	2783-0441	2783-0451
3–3 / 3–3	12	with Hooks	2783-036	2783-037
3–3 / 3–3	12	without Hooks	2783-034	2783-035
3–3	6	with Hooks	2783-032	2783-033
3–3	6	without Hooks	2783-030	2783-031

Color-Code Identification Chart



**MASEL's* prescription does not imply endorsement by the doctor(s).

Bonding Adhesive Removal Kit

MASEL's kit provides the tools for fast removal of brackets and adhesives. Includes tool-steel tipped pliers to remove the bracket. If resin remains on the tooth, use the shallow-fluted, friction-free, carbide burs to complete the job.



Removal Kit

ITEM NO.
4000-970

Kit includes:
- *1 Bracket and Adhesive Removers (Anterior), Item No. 4150-652*
- *12 Shallow-Fluted Burs, 6 small and 6 large*

Replacement Carbide Burs

DESCRIPTION	ITEM NO.
6 Burs, Shallow Flutes, Small	2035-171
6 Burs, Shallow Flutes, Large	2035-172

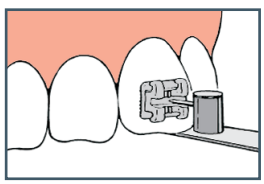


Boone Gauge

Four different measurement settings—3.5 mm, 4 mm, 4.5 mm, and 5 mm—allow you to select the right bracket height for any tooth. Made of top quality stainless steel. May dry heat or cold sterilize.

ITEM NO.
4000-900





Zand Gauge

Bracket placement made easy

This unique marking device aids in correct bracket placement. Simply mark teeth after acid etching and conditioning with primer, then line up the bracket slot with the mark on the tooth.

- Pencil marking tip
- Reduces bracket repositioning
- Cold sterilizable
- 8 per pack

ITEM NO.
4000-899

Kit includes:
- *8 gauges:*
  1 of each size; 3½ and 4½ mm
  3 of each size; 4 and 5 mm



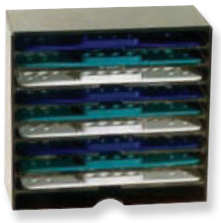


Precise bracket placement will be achieved with less effort.

Bracket Tray Holder

Holds up to 10 bracket trays, keeping them away from light and contaminants. Economical and perfect with any decor, this holder provides excellent organization of bracket trays. Made of acrylic.

ITEM NO.
2120-011



Disposable Bracket Tray

MASEL disposable adhesive-backed bracket trays have deep wells to prevent bracket spillage. They are sturdy and will not distort. Space is provided for patient's name.

- 25 per pack

ITEM NO.
2120-010



Replacement Bracket Wheel

Improved wheel and cover fit nicely together, keeping brackets in their appropriate slots.

ITEM NO.
7100-232





Stackable Band and Bracket Storage System

This band and bracket organization system ensures that you can locate and store your product quickly and easily.

The individual drawers snap together to create a customized storage solution that will fit your individual needs.

- 11¼" W x 8¼" D x 1½" H

DESCRIPTION	ITEM NO.
Individual Stackable Drawer	7100-2026
Molar Band Tray with Clear Lid	7100-2025
Bicuspid Band Tray with Clear Lid	7100-2032
Bracket Tray with Clear Lid	7100-2030

Articulated Anatomical Typodont

Ideal visual aid for consulting with patients on treatment procedures



The articulated typodont is designed with removable teeth and anatomical roots, helping you explain procedures to your patients easily, and effectively. Gingiva is translucent and flexible. Model is enclosed in sturdy, spring-hinged, articulated base for easy viewing inside the mouth.

ITEM NO.
2031-552

Demonstration Typodont



- Acrylic-type, life-size model
- Clear, flat hinge can be removed
- Suitable for patients, staff, and educational purposes
- Brackets can be attached with gel-type super glue

ITEM NO.
2031-550

Bracketed Typodonts



DESCRIPTION	ITEM NO.
Genesis Active Self-Ligating Brackets (5x5)	2031-309
Genesis-C Ceramic Brackets (5x5)	2031-308
Bravo Primo Low-Profile Brackets (5x5)	2031-4499
Solstice Brackets (5x5)	2031-4495
Silhouette Ceramic Brackets (5x5)	2031-2886
Quantum Composite Brackets (5x5)	2031-602

Also available for use as marketing tools are the following 15X bracket models:

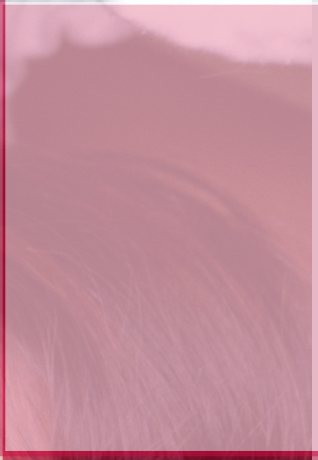
Oversized Brackets

DESCRIPTION	ITEM NO.
Solstice Low-Profile Bracket, 15X Demo Mode	2031-4495X
Bravo Primo Bracket, 15X Demo Model	2031-4499X

MOLAR BANDS, BUCCAL TUBES, AND LINGUAL ATTACHMENTS








MASEL's Welding Services **C-3**
AccuFit™ Molar Bands **C-4**
Molar Band Kits **C-6**
Band and Bracket Storage System **C-6**
Buccal Tubes **C-7**
Bicuspid Bands and Brackets **C-9**
Band Placement and Removal Instruments **C-10**
Lingual Attachments **C-11**

MASEL's Free Welding Service Saves You Time and Money

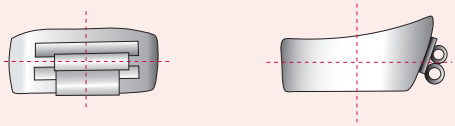


Allow our experts to weld buccal tubes and lingual attachments to your bands—at no additional charge! Choose between standard or custom weld positions.

Standard Weld Positions

- Many sizes are kept in stock, and ready to ship
- Includes any combination of molar band and buccal tube or lingual attachment welded in standard position
- Welded items are non-returnable

Buccal Tube to Upper Molar

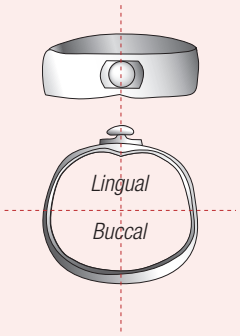


Buccal Tube to Lower Molar

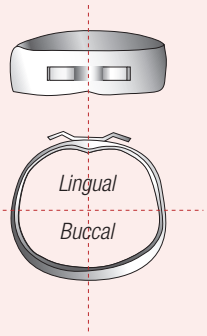


Buccal tube will be centered mesial to distal, and occlusal to gingival with 0° angulation. Slot will be parallel to occlusal edge of band.

Buccal Tube to Upper Molar



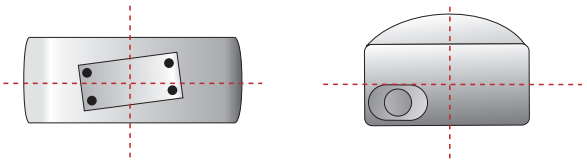
Cleats, Sheaths, Lugs to Molars



Lingual attachments will be centered mesial to distal, and occlusal to gingival.

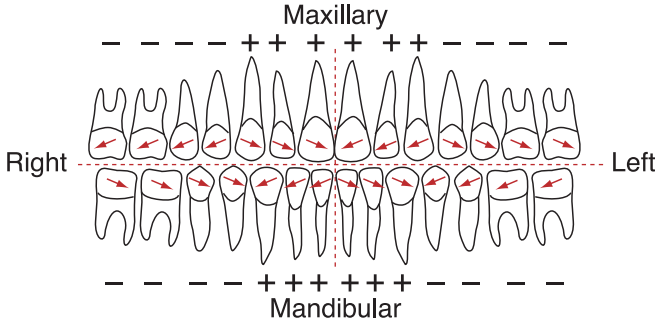
Custom Weld Positions

Custom assemblies are any bands and attachments prewelded in any position other than the standard position.



To order custom weld positions:

- Indicate direction and amount of change from standard (i.e., 0.5 mm more occlusal)
- If specifying a custom angulation, indicate a plus (+) for distal root tip or a minus (-) for mesial root tip
- If no position criterion is provided on the order, it will be welded in the standard position
- Welded items are non-returnable



AccuFit™

Welded Band and Tube Assemblies

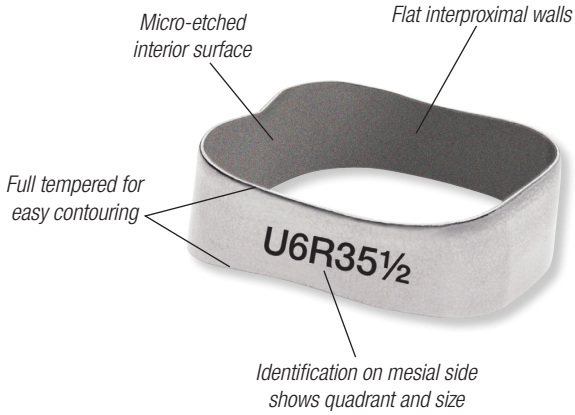
You pay only for the bands and tubes—welding is FREE!

1 Choose Your Molar Band

Choose your sizes from 1st or 2nd, upper or lower, sizes 29½ to 44. *MASEL* also carries a full line of bicuspid bands and brackets.
(See page C9)

Not familiar with our molar band sizing?

Our Customer Service Representatives will convert your current band numbers to ours!

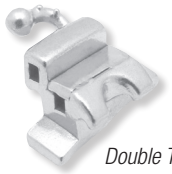


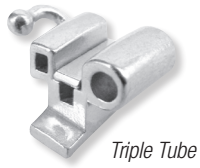
2 Choose Your Buccal Tube

We carry the most popular prescriptions and a wide selection, including single, double, triple, and combination buccal tubes with gingival and occlusal auxiliary tubes.
(See pages C7-C8)

Convertible


Single Tube


Double Tube


Triple Tube


Gingival Headgear Tube

Non-Convertible

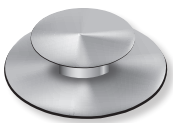

Single Tube


Occlusal Headgear Tube

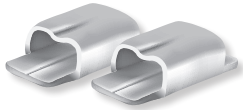

Lip Bumper Tube

3 Choose Your Lingual Attachment

Create your preferred band assembly by choosing from a button, cleat, sheath, or lug.
(See page C11)


Button


Lingual Cleat


Lingual Sheath


Lug

AccuFit™

Molar Bands

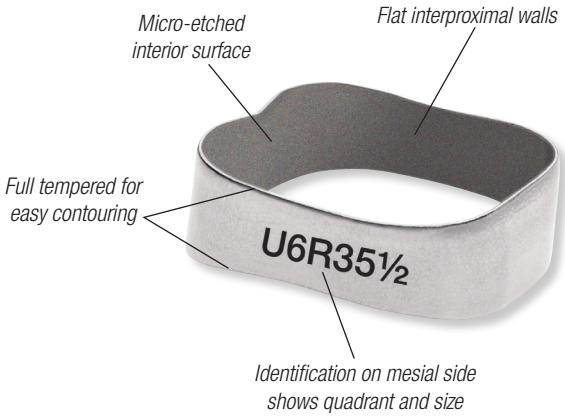
Anatomically Proportioned For Each Tooth Size



Available individually and in pre-packaged assortments, *MASEL's* precision engineered bands are designed to save you time. They feature …

- Full tempered with superior tooth morphology
- Memory and elasticity maintained after pre-fit and removal
- Proportional graduated half-sizing, numbered 29½-44
- Increased occlusal edge strength to prevent deformation
- Stiffer material to withstand additional pressure of extra and intraoral appliances
- Available with micro-etched interiors for maximum retention

AccuFit Molar Bands require fewer adjustments, are less likely to dislodge, and are more comfortable to the patient. *AccuFit* Bands are the most user- and patient-friendly bands available.



	MANDIBULAR 1ST MOLAR		MANDIBULAR 2ND MOLAR		MAXILLARY 1ST MOLAR		MAXILLARY 2ND MOLAR	
SIZE	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
29½	3200-295	3201-295	3202-295	3203-295	3208-295	3209-295	3210-295	3211-295
30	3200-300	3201-300	3202-300	3203-300	3208-300	3209-300	3210-300	3211-300
30½	3200-305	3201-305	3202-305	3203-305	3208-305	3209-305	3210-305	3211-305
31	3200-310	3201-310	3202-310	3203-310	3208-310	3209-310	3210-310	3211-310
31½	3200-315	3201-315	3202-315	3203-315	3208-315	3209-315	3210-315	3211-315
32	3200-320	3201-320	3202-320	3203-320	3208-320	3209-320	3210-320	3211-320
32½	3200-325	3201-325	3202-325	3203-325	3208-325	3209-325	3210-325	3211-325
33	3200-330	3201-330	3202-330	3203-330	3208-330	3209-330	3210-330	3211-330
33½	3200-335	3201-335	3202-335	3203-335	3208-335	3209-335	3210-335	3211-335
34	3200-340	3201-340	3202-340	3203-340	3208-340	3209-340	3210-340	3211-340
34½	3200-345	3201-345	3202-345	3203-345	3208-345	3209-345	3210-345	3211-345
35	3200-350	3201-350	3202-350	3203-350	3208-350	3209-350	3210-350	3211-350
35½	3200-355	3201-355	3202-355	3203-355	3208-355	3209-355	3210-355	3211-355
36	3200-360	3201-360	3202-360	3203-360	3208-360	3209-360	3210-360	3211-360
36½	3200-365	3201-365	3202-365	3203-365	3208-365	3209-365	3210-365	3211-365
37	3200-370	3201-370	3202-370	3203-370	3208-370	3209-370	3210-370	3211-370
37½	3200-375	3201-375	3202-375	3203-375	3208-375	3209-375	3210-375	3211-375
38	3200-380	3201-380	3202-380	3203-380	3208-380	3209-380	3210-380	3211-380
38½	3200-385	3201-385	3202-385	3203-385	3208-385	3209-385	3210-385	3211-385
39	3200-390	3201-390	3202-390	3203-390	3208-390	3209-390	3210-390	3211-390
39½	3200-395	3201-395	3202-395	3203-395	3208-395	3209-395	3210-395	3211-395
40	3200-400	3201-400	3202-400	3203-400	3208-400	3209-400	3210-400	3211-400
40½	3200-405	3201-405	3202-405	3203-405	3208-405	3209-405	3210-405	3211-405
41	3200-410	3201-410	3202-410	3203-410	3208-410	3209-410	3210-410	3211-410
41½	3200-415	3201-415	3202-415	3203-415	3208-415	3209-415	3210-415	3211-415
42	3200-420	3201-420	3202-420	3203-420	3208-420	3209-420	3210-420	3211-420
43	3200-430	3201-430	—	—	3208-430	3209-430	3210-430	3211-430
43½	3200-435	3201-435	—	—	3208-435	3209-435	3210-435	3211-435
44	3200-440	3201-440	—	—	3208-440	3209-440	3210-440	3211-440

AccuFit *Molar Bands are a perfect match for our Buccal Tubes available in these prescriptions:*

- *Roth*
- *Edgewise*

AccuFit Anatomically Contoured Molar Band Kits



Each kit is prepackaged in two convenient dispensing trays (1 left, 1 right) with covers. Kits are available for upper 1st/2nd molars, lower 1st molars, or lower 2nd molars.

Choose from three assortment sizes:

- Sampler Kit contains 80 bands
- Introductory Kit contains 150 bands
- Professional Kit contains 300 bands

AccuFit Molar Band Sampler Kit (80 Bands)

DESCRIPTION	ITEM NO.	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39
Maxillary 1st Molars	3200-108	2	2	4	4	4	6	6	10	10	10	6	6	4	4	2
Mandibular 1st Molars	3200-118	2	2	4	4	4	6	6	10	10	10	6	6	4	4	2
Mandibular 2nd Molars	3200-128	2	2	4	4	4	6	6	10	10	10	6	6	4	4	2

AccuFit Molar Band Introductory Kit (150 Bands)

DESCRIPTION	ITEM NO.	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42
Maxillary 1st Molars	3200-101	2	2	2	2	2	2	2	6	6	8	10	12	12	12	12	12	10	8	8	6	4	2	2	2	2	2
Mandibular 1st Molars	3200-111	2	2	2	2	2	2	2	6	6	8	10	12	12	12	12	12	10	8	8	6	4	2	2	2	2	2
Mandibular 2nd Molars	3200-121	2	2	2	2	2	2	2	6	6	8	10	12	12	12	12	12	10	8	8	6	4	2	2	2	2	2

AccuFit Molar Band Professional Kit (300 Bands)

DESCRIPTION	ITEM NO.	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42
Maxillary 1st/2nd Molars	3200-103	4	4	4	4	4	4	4	12	12	16	20	24	24	24	24	24	20	16	16	12	8	4	4	4	4	4
Mandibular 1st Molars	3200-113	4	4	4	4	4	4	4	12	12	16	20	24	24	24	24	24	20	16	16	12	8	4	4	4	4	4
Mandibular 2nd Molars	3200-123	4	4	4	4	4	4	4	12	12	16	20	24	24	24	24	24	20	16	16	12	8	4	4	4	4	4



Stackable Band and Bracket Storage System

Storing your bands is now easier than ever. This customizable storage solution can be altered to fit your individual band and bracket needs.

- 11¼" W x 8¼" D x 1½" H

DESCRIPTION	ITEM NO.
Individual Stackable Drawer	7100-2026
Molar Band Tray with Clear Lid	7100-2025
Bicuspid Band Tray with Clear Lid	7100-2032
Bracket Tray with Clear Lid	7100-2030

MASEL Buccal Tubes

Use *MASEL* Buccal Tubes with *Bravo Primo* Brackets for a complete, high performance appliance system.

- Available weldable, direct bond, or pre-welded to bands
- Metal Injection Molding (MIM) process translates into corrosion resistance, strength, and proven performance
- Super low-profile design
- 80-gauge mesh (micro-etched) bondable pad to maximize bond adhesion

Roth* First Molar Buccal Tubes—Weldable

		CONVERTIBLE OR NON-CONVERTIBLE	DESCRIPTION	TORQUE	DISTAL OFFSET	HEADGEAR/AUX. TUBE	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY		Convertible	Single buccal tube	-10°	+10°	—	R	4016-264	4016-266
							L	4016-265	4016-267
		Convertible	Gingival headgear tube	-10°	+10°	.045"/ging.	R	4016-260	4016-262
							L	4016-261	4016-263
		Convertible	Double buccal tube	-10°	+10°	.018" x .025"	R	4016-502	4016-500
							L	4016-503	4016-501
		Convertible	Triple buccal tube	-10°	+10°	.045"/occ.	R	4016-318	4016-322
							L	4016-418	4016-422
		Convertible	Occlusal headgear tube	-10°	+10°	.045"/occ.	R	—	4006-506
							L	—	4006-507
		Non-Convertible	Single buccal tube	-10°	+6°	—	R	4006-202	4006-204
							L	4006-203	4006-205
		Non-Convertible	Occlusal headgear tube ***Note:*** *This buccal tube is cast stainless steel.*	-10°	+10°	.045"/occ.	R	4006-402	4006-404
							L	4006-403	4006-405
MANDIBULAR		Convertible	Single buccal tube	-25°	+4°	—	R	4016-271	4016-269
							L	4016-270	4016-268
		Convertible	Double buccal tube	-25°	+4°	.018" x .025"	R	4016-018	4016-022
							L	4016-118	4016-122
		Convertible	Lip bumper tube	-25°	+4°	.045"/ging.	R	4016-504	—
							L	4016-505	—
		Non-Convertible	Single buccal tube	-25°	+4°	—	R	4006-102	4006-104
							L	4006-103	4006-105
		Non-Convertible	Lip bumper tube	-25°	+4°	.045"/ging.	R	4006-302	4006-304
							L	4006-303	4006-305

**MASEL's* prescription does not imply endorsement by the doctor(s).

Roth* First Molar Buccal Tubes—Direct Bond

		CONVERTIBLE OR NON-CONVERTIBLE	DESCRIPTION	TORQUE	DISTAL OFFSET	HEADGEAR/AUX. TUBE	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY		Convertible	Single buccal tube	-10°	+10°	—	R	4016-274	4016-276
							L	4016-275	4016-277
		Convertible	Gingival headgear tube	-10°	+10°	.045"/ging.	R	4016-360	4016-362
							L	4016-361	4016-363
		Convertible	Triple buccal tube	-10°	+10°	.045"/occ.	R	4016-308	4016-302
							L	4016-408	4016-402
		Non-Convertible	Single buccal tube • One piece • Nickel-free	-10°	+10°	—	R	4006-212	4006-214
							L	4006-213	4006-215
MANDIBULAR		Convertible	Single buccal tube	-25°	+4°	—	R	4016-371	4016-369
							L	4016-370	4016-368
		Convertible	Double buccal tube	-25°	+4°	.018" x .025"	R	4016-008	4016-112
							L	4016-128	4016-132
		Non-Convertible	Single buccal tube • One piece • Nickel-free	-25°	+4°	—	R	4006-112	4006-114
							L	4006-113	4006-115
		Non-Convertible	Lip bumper tube	-25°	+4°	.045"/ging.	R	4006-312	4006-314
							L	4006-313	4006-315

Roth* Second Mini Molar Buccal Tubes—Weldable

		CONVERTIBLE OR NON-CONVERTIBLE	DESCRIPTION	TORQUE	DISTAL OFFSET	HEADGEAR/AUX. TUBE	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY		Non-Convertible	Single mini buccal tube	-10°	+10°	—	R	4000-340	4000-360
							L	4000-341	4000-361
MANDIBULAR		Non-Convertible	Single mini buccal tube	-25°	+4°	—	R	4000-371	4000-349
							L	4000-370	4000-350

Roth* Second Mini Molar Buccal Tubes—Direct Bond

		CONVERTIBLE OR NON-CONVERTIBLE	DESCRIPTION	TORQUE	DISTAL OFFSET	HEADGEAR/AUX. TUBE	SIDE	.018" ITEM NO.	.022" ITEM NO.
MAXILLARY		Non-Convertible	Single mini buccal tube	-10°	+10°	—	R	4000-440	4000-460
							L	4000-441	4000-461
MANDIBULAR		Non-Convertible	Single mini buccal tube	-25°	+4°	—	R	4000-471	4000-451
							L	4000-470	4000-450

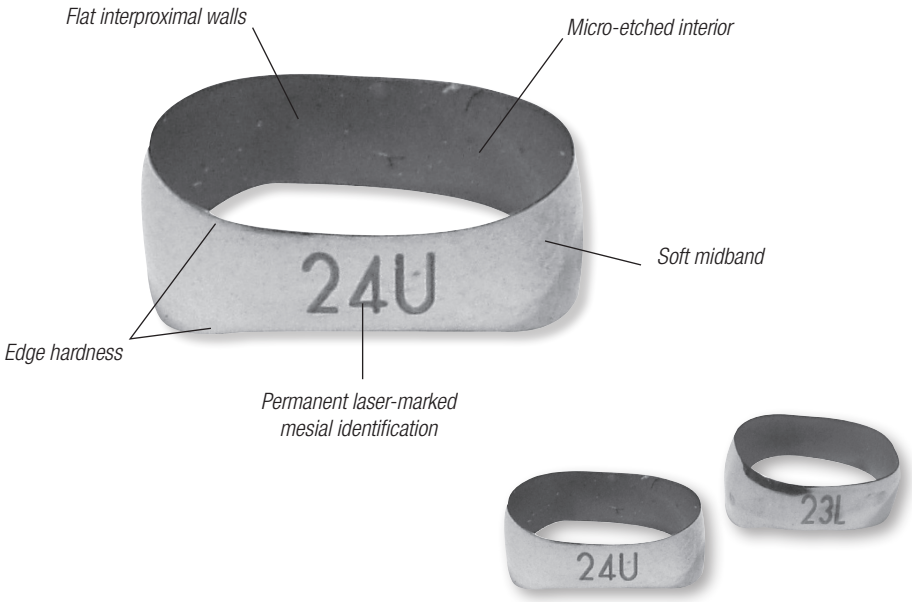
**MASEL's* prescription does not imply endorsement by the doctor(s).

AccuFit™

Bicuspid Bands—

Anatomically proportioned to create a tighter seal and better retention

- Medium tempered with flattened interproximals for easier fitting
- Gingivally contoured design affords you fewer trial fittings and less trimming
- Broad buccal and lingual surfaces for greater retention
- Micro-etched interior for increased bond strength
- Permanent laser-etched markings for easy identification



SIZE	UPPER ITEM NO.	LOWER ITEM NO.
1	3300-001	3300-101
2	3300-002	3300-102
3	3300-003	3300-103
4	3300-004	3300-104
5	3300-005	3300-105
6	3300-006	3300-106
7	3300-007	3300-107
8	3300-008	3300-108
9	3300-009	3300-109
10	3300-010	3300-110
11	3300-011	3300-111
12	3300-012	3300-112
13	3300-013	3300-113
14	3300-014	3300-114
15	3300-015	3300-115
16	3300-016	3300-116
17	3300-017	3300-117
18	3300-018	3300-118
19	3300-019	3300-119
20	3300-020	3300-120
21	3300-021	3300-121
22	3300-022	3300-122
23	3300-023	3300-123
24	3300-024	3300-124

Weldable Bicuspid Brackets

Roth* prescription, low-profile brackets without hooks.
Brackets can be welded to the buccal side of bicuspid bands.



DESCRIPTION	.022" ITEM NO.
Upper Bicuspid without Hook	3300-301
Lower Bicuspid without Hook	3300-302

**MASEL's* prescription does not imply endorsement by the doctor(s).

MASEL Instruments
for Band Placement and Removal

Triumph™ Crown and Band Contouring Pliers



Ideal for reshaping molar bands and crowns to achieve the perfect fit.

ITEM NO.
205-221

Triumph Posterior Band Remover, Long



Safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for easy band removal and patient control.

DESCRIPTION	ITEM NO.
Triumph Posterior Band Remover, Long	205-207
3⁄16" Replacement Pads (6)	205-207T
¼" Replacement Pads (6)	205-207TT

High Heat Bite Stick



Long handle reaches second molars easily, and serrated triangular biting surface ensures secure contact. High heat sterilizable up to 350˚F (176.7˚C).

ITEM NO.
4150-951

Triumph Adhesive Removing Pliers



Superior tip design allows easy access to remove excess adhesive after debonding. Double-ended replaceable blade.

DESCRIPTION	ITEM NO.
Triumph Adhesive Removing Pliers	205-206
Replacement Blade	205-206B
¼" Replacement Pads (6)	205-206T

Curved Band Pusher

Two important orthodontic tools in one. Curved band seater lets you apply evenly distributed force for proper band placement, preventing slippage or improper seating. Use versatile scaler to check for gaps between a band and tooth, or for scaling excess cement.



ITEM NO.
4150-966

Scaler/Pusher

Enjoy the benefits of two tools in one convenient instrument! Seat bands securely the first time with one end, and switch to the other end to check for an improper fit.



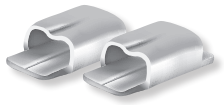
ITEM NO.
4150-967

Weldable Lingual Attachments

Sheaths

The indent assists in locking appliance in position.

- 10 per pack



ITEM NO.
4007-205

Seating Lugs

- 10 per strip



DESCRIPTION	ITEM NO.
Lugs for Molar Bands	3300-127
Lugs for Bicuspid Bands	3300-126

Bondable Lingual Attachments

Buttons

- Polished buttons prevent irritation
- 10 per pack

DESCRIPTION		ITEM NO.
	Low Profile Flat	4128-160
	High Profile Flat	4128-165

- Flat base is ideal for adhesion to flat/anterior teeth
- Curved base is ideal for adhesion to curved/posterior teeth
- 10 per pack

DESCRIPTION		ITEM NO.
	Flat Base	4128-161
	Curved Base	4128-162

Bondable Eruption Appliance

Facilitates the eruption of impacted teeth

- Round base has a flat bonding surface ideal for adhesion to flat/anterior teeth
- Rectangular base has a curved bonding surface ideal for adhesion to curved/posterior teeth
- 24K gold plated for nickel-sensitive patients
- Stainless steel eyelets with low nickel alloy
- 1" (2.5 cm) traction chain
- 5 per pack



Round Base

- Eyelet welded to base
- 80-gauge foil mesh base
- 3.5 mm diameter flat base



Rectangular Base

- One-piece construction
- Micro-etched mesh base
- 3.75 mm x 3 mm curved base

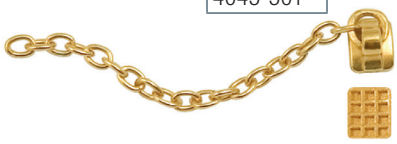


ITEM NO.
4045-500





ITEM NO.
4045-501



tip

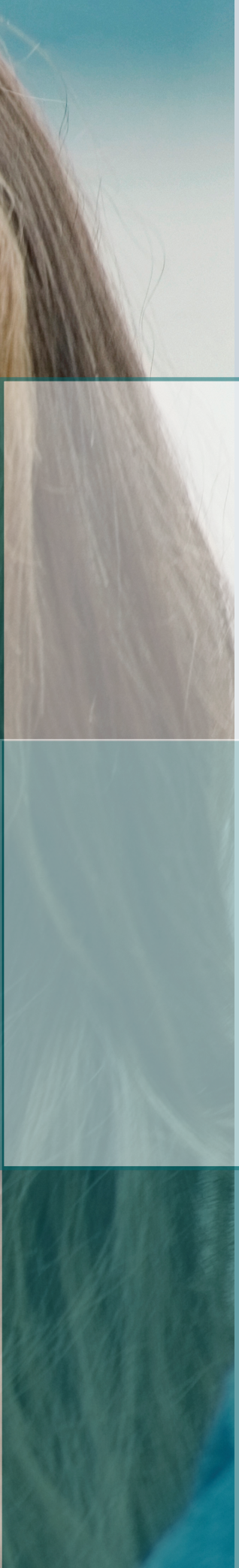
Use **MASEL's** *Latex-Free Tubing and Thread for tying the traction chain to the archwire.*

See page F8



ADHESIVES AND CEMENTS





Everest™ Adhesives **D-2**
Everest Band Cements **D-4**
Bracket Conditioner **D-5**

Everest Light-Cure Orthodontic Adhesive

The smooth, tacky composite resin delivers ideal handling characteristics which eliminates bracket float and allows for easy flash clean up. Adhesive provides the optimum properties for bonding metal, ceramic, or plastic brackets using light-cure technology. Light-activation provides accurate bracket placement ensured by allowing for sufficient working time. Produces a strong light-cured chemical bond which also debonds predictably. Archwires can be placed immediately after fully curing the brackets. Contains fluoride to help protect against potential decalcification.

Everest Light-Cure Kit in Syringes

Kit includes:
- *4 Push Syringes (3.5 grams ea.)*
- *1 Gel Etch Syringe (4 grams)*
- *1 Sealant Resin (7 ml)*
- *5 Syringe Tips (22-Gauge)*
- *2 Mixing Wells (10-Cavity)*
- *1 Mixing Pad*
- *50 Brushes*
- *1 Instruction For Use Sheet*

ITEM NO.
490-300

Everest Light-Cure Kit in Capsules

Kit includes:
- *40 Capsules (.35 grams each)*
- *1 Sealant Resin (7 ml)*
- *1 Green Liquid Etchant (9 grams)*
- *1 Mixing Pad*
- *50 Brushes*
- *1 Instruction For Use Sheet*

ITEM NO.
490-320

Everest Dispensing Gun

1 Capsule Gun

ITEM NO.
490-220

Everest Light-Cure Kit

Kit includes:
- *1 Push Syringe (3.5 grams)*
- *1 Sealant Resin (3 ml)*
- *1 Green Gel Etchant Syringe (4 grams)*
- *5 Syringe Tips (22-Gauge)*
- *5 Bonding Brushes*
- *1 Instruction For Use Sheet*

ITEM NO.
490-310

Everest Light-Cure Reorder Components

DESCRIPTION	ITEM NO.
Light-Cure Adhesive Syringe Pack (4 Syringes, 3.5 grams ea.)	490-111
4 Light-Cure Adhesive Single Syringe (3.5 grams ea.)	490-112
40 Light-Cure Single Use Capsules (.35 grams ea.)	490-221
1 Sealant Resin (7 ml)	490-200
1 Gel Etchant Large Bottle (330 grams)	490-209
1 Gel Etchant Small Bottle (57 grams)	490-210
5 Mixing Pads	490-505
1 Brush Holder	490-504
100 Disposable Brushes	490-510
50 Disposable Long-Handled Brushes	490-520

EVEREST
Orthodontic Adhesive

Everest Low Viscosity, Light-Cure Flowable Adhesive

Everest Low Viscosity Light-Cure Flowable Adhesive features a precision-controlled syringe which prevents overflow and run-on. It ensures accuracy as it flows easily into difficult areas, but is reliable not to slump or run until light curing occurs. The disposable tip provides precise application, accessibility, and control, resulting in excellent aesthetics. It is dependable, strong, and more resistant to shock and stress. This adhesive is ideal for bracket bases with greater than an 80-gauge mesh and can be used in many ways, such as bonding lingual retainers, Invisalign® attachments, occlusal build-ups for opening a posterior bite, indirect bonding, and much more! Contains fluoride to help protect against potential decalcification.

Everest Low Viscosity Adhesive Kit

Kit Includes:

- *3 Flowable Adhesive Syringes (2 grams ea.)*
- *1 Green Etchant Syringe (1.6 grams)*
- *1 Light-Cure Enamel Bonding Sealant Resin (3 ml)*
- *25 Flowthru 22 Gauge Syringe Tips*
- *10 Bonding Brushes*
- *1 Instruction For Use Sheet*

ITEM NO.
490-330

Everest Low Viscosity Reorder Components

DESCRIPTION	ITEM NO.
1 Low Viscosity Single Syringe (2 grams) with 10 Flowthru 22-Gauge Syringe Tips	490-223
20 Low Viscosity Single Use Capsules (.35 grams ea.)	490-222
1 Dispensing Gun Capsule Gun	490-220
25 Low Viscosity Flowable Tips	490-235
1 Sealant Resin (7 ml)	490-200
1 Gel Etchant Large Bottle (330 grams)	490-209
1 Gel Etchant Small Bottle (57 grams)	490-210
1 Brush Holder	490-504
100 Disposable Brushes	490-510
5 Disposable Long-Handled Brushes	490-520

EVEREST
Orthodontic Adhesive

Everest No-Mix Orthodontic Adhesive (Primer Activated) Bonding System

Provides the optimum properties for bonding ceramic, metal, or plastic brackets using a primer activated no-mix bonding system. This is a chemically-cured system which does not require pre-mixing. The thick, tacky adhesive resin delivers ideal handling characteristics which eliminate bracket flotation and allow for easy flash clean up. Archwires can be placed 5 minutes after bonding the last bracket. Contains fluoride to help protect against potential decalcification.

Everest No-Mix Orthodontic Adhesive Kit in Syringes (Primer-Activated)

Kit Includes:
- *4 Push Syringes (3.5 grams ea.)*
- *1 Enamel Catalyst Primer (9 ml)*
- *1 Gel Etchant Syringe (4 grams)*
- *5 Syringe Tips (22-Gauge)*
- *2 Mixing Wells (10-Cavity)*
- *1 Mixing Pad*
- *50 Brushes*
- *1 Instruction For Use Sheet*

ITEM NO.
490-340

Everest No-Mix Orthodontic Adhesive Mini Kit in Syringe (Primer-Activated)

Kit Includes:
- *1 Push Syringe (3.5 grams)*
- *1 Enamel Catalyst Primer (3 ml)*
- *1 Gel Etchant Syringe (4 grams)*
- *5 Syringe Tips (22-Gauge)*
- *5 Bonding Brushes*
- *1 Instruction For Use Sheet*

ITEM NO.
490-350

Everest Etchant Bonding Supplies

Gel stays where placed without overflowing and provides highly visible contrast against tooth surfaces. Non-drying water soluble consistency with ideal medium viscosity. Traditional 37% Phosphoric acid.

Everest Gel Etch Kit, Economy Size

Kit Includes:
- *4 Syringes (4 grams ea.)*
- *20 Plastic Flowthru Tips (22-Gauge)*

ITEM NO.
490-360

Everest Gel Etch Mini Kit

Kit Includes:
- *1 Syringe (4 grams)*
- *5 Plastic Flowthru Tips (22-Gauge)*

ITEM NO.
490-370

Everest Etchant Reorder Components

DESCRIPTION	ITEM NO.
1 Gel Etchant Large Bottle (330 grams)	490-209
1 Gel Etchant Small Bottle (57 grams)	490-210
1 Liquid Gel Etchant Large Bottle (29.6 ml)	490-211
1 Liquid Gel Etchant Small Bottle (7 ml)	490-212
25 Etchant Gel Needle Tips	490-235

EVEREST Orthodontic Adhesive

Everest Light-Cure Band Cement

Provides a longer working time and a rapid setting time with its light-activated band cement in a single paste system. Can be placed directly into bands. Excess flash is easy to clean up prior to the light curing and the cement is easy to see due to the blue color. Contains fluoride to help protect against potential decalcification.

Everest Light-Cure Orthodontic Band Cement Kit

Kit Includes:
- *6 Push Syringes (5 grams ea.)*

ITEM NO.
490-390

Everest Light-Cure Orthodontic Band Cement Reorder Components

DESCRIPTION	ITEM NO.
1 Light-Cure Band Cement Refill Syringe (5 grams)	490-230

Everest Powder/Liquid Band Cement

Everest chemically bonds to enamel without the use of etchants. Using a two-part glass ionomer band cement system of powder and liquid, it has a low film thickness and will not wash out under bands. The final setting time is 6 to 7 minutes. Contains fluoride to help protect against potential decalcification.

Everest Glass Ionomer Cement Economy Kit

Kit Includes:
- *1 Powder (100 grams)*
- *2 Liquid (50 grams ea.)*
- *1 Mixing Pad*
- *1 Measuring Scoop*
- *1 Instruction For Use Sheet*

ITEM NO.
490-380

Everest Glass Ionomer Cement Starter Kit

Kit Includes:
- *1 Powder (50 grams)*
- *1 Liquid (50 grams)*
- *1 Mixing Pad*
- *1 Measuring Scoop*
- *1 Instruction For Use Sheet*

ITEM NO.
490-385

Everest Glass Ionomer Cement Reorder Components

DESCRIPTION	ITEM NO.
1 Glass Ionomer Powder (50 grams)	490-270
1 Glass Ionomer Liquid (50 ml)	490-271

Plastic Bracket Conditioner

Prepares plastic brackets for direct bonding. Brush on base prior to applying adhesive. Provides a strong bond between the bracket base and adhesive. Must be refrigerated when not in use. (10 cc)

ITEM NO.
470-170



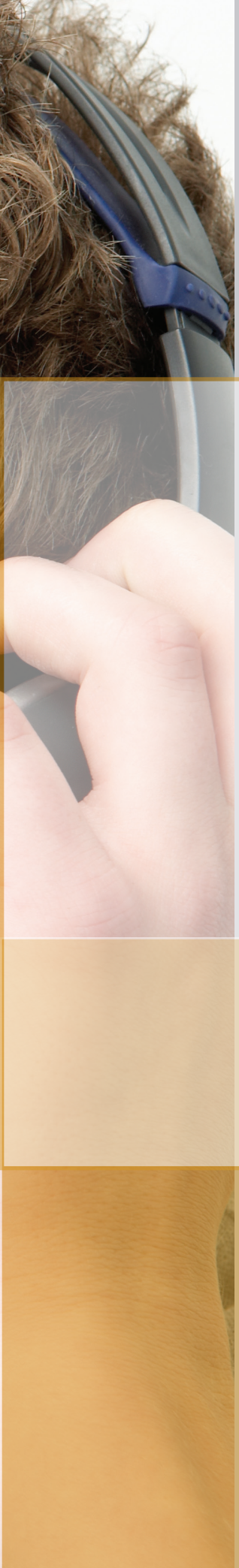
Everest Miscellaneous Reorder Components

DESCRIPTION	ITEM NO.
50 Disposable Spatulas	490-500
5 Brush Holders	490-504
5 Mixing Pads	490-505
5 Measuring Scoops	490-506
100 Disposable Brushes	490-510
50 Disposable Long-Handled Brushes	490-520
10 Mixing Wells (2-Cavity)	490-535
1 Dispensing Gun	490-220
25 Etchant Gel Needle Tips & LV Flowable Tips	490-235
Masel Bond Prep Primer and Conditioner	4000-803

EVEREST
Orthodontic Adhesive

WIRES





Get to Know the MASEL Wire Line **E-3**

Arch Form Guide **E-5**

Wire Guide **E-6**

Nickel Titanium Wires **E-7**

Thermal Nickel Titanium Wires **E-14**

Nickel-Free Titanium Wires **E-17**

Stainless Steel Wires **E-19**

Stainless Steel Multi-Strand Wires **E-22**

Hooks and Stops **E-24**

Ligature Ties **E-25**

Springs **E-27**

Wire Accessories **E-30**

MASEL offers an extensive line of wire products for every phase of treatment.

For your convenience many of the styles of our archwire packaging are color-coded. The color-coded boxes make ordering, organizing, and completing inventory checks faster and easier. The colors shown in each archwire heading are the same colors used for the packaging of that specific wire type.



Nickel Titanium

Pages E7-E11

Super-elastic nickel titanium archwires allow for easy engagement and delivery of light, continuous forces that effectively move teeth, and keep patient discomfort to a minimum.

Elastinol™ is made of the best quality, super-elastic nickel titanium material, so it retains its shape memory longer, reducing chair time and patient wire changes. *MASEL's* nickel titanium *Elastinol* Archwire exerts a constant but gentle force over a long period of time, facilitating quicker tooth movement with minimal patient discomfort.

Authentic Nitinol nickel titanium archwires are slightly stiffer than super elastic, and ideal for leveling and unraveling teeth in the initial treatment stage.

Value Brand of NiTi is an economical nickel titanium wire, widely used as a first-stage archwire to quickly unravel and align. Applies lighter forces with more resiliency than our Authentic Nitinol.

Econo Nickel Titanium is *MASEL's* most economical wire.

RetroArch™ is a reverse-curve nickel titanium archwire that is ideal for opening and closing bites, leveling arches, consolidating spaces, and correcting molar rotations.

CTA® **Nickel Titanium Intrusion** is great for providing absolute intrusion of anterior teeth, anterior torque control, molar tip-back, incisor flaring, leveling of anterior cants, and more!



Thermal Nickel Titanium

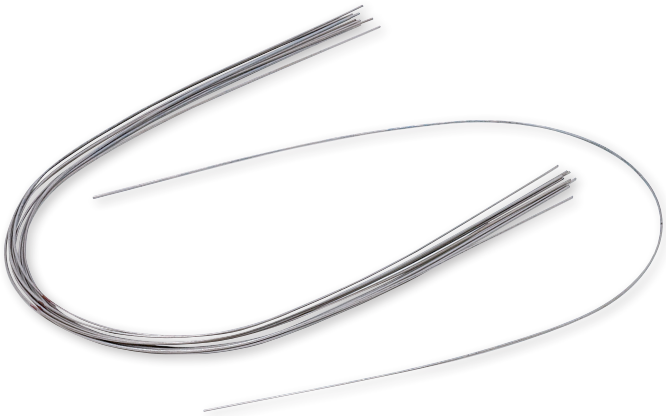
Pages E14-E16

Heat-activated nickel titanium archwires deliver a combination of elasticity and light force with optimum ease of use.

Therm-A-Form ULTRA™ is a body-heat-activated nickel titanium wire that has lower ligating forces than copper alloy wires and is noticeably softer at room temperature. *Therm-A-Form ULTRA* provides superior cyclic bend performance and transforms to a super-elastic state inside the mouth. Ideal for adult patients with significant crowding.

CV SuperForce™ is the wire of choice for severe malocclusions. This heat-activated nickel titanium wire is soft at room temperature, and can be softened even further with chilling, making ligation easier for you and more comfortable for your patient. Once in the mouth, it provides the maximum tooth-moving forces of our thermal wires. The force of the wire is directly between that of *Elastinol* Nickel Titanium and the *Therm-A-Form ULTRA* archwires.

Tri-Force Thermal™ has three pre-programmed forces, designed to provide the right amount of force for each region of the arch. The anterior section provides lighter forces for single-rooted teeth, medium forces for the bicuspid region, and heavier force in the posterior region for triple-rooted molars.



CNA® BETA III

CNA® Beta III

Pages E17-E18

Nickel-free Titanium *CNA Beta III* archwires combine the versatility of stainless steel with increased resiliency.

Nickel-free Titanium *CNA Beta III* archwires are for nickel-sensitive patients. This bendable, high-force, low-deflection titanium archwire can make first- and second-order bends. *CNA Beta III* provides the versatility of stainless steel—without the nickel. Also available in T-loop and straight lengths.

STAINLESS STEEL

Stainless Steel

Pages E19-E21

Stainless steel, single-strand archwires are ideal for treatments requiring complex bends and loops, and provide the force and stability that is needed for final treatment phases.

Stainless steel wire is available in round and rectangular sizes, in both golden (heat-treated) and resilient (bright) temper. The archwire has superior strength and spring, with excellent ductility to accept intricate bends. The golden wire has been heat-treated for added strength.

Masiloy™ Wire is a soft, easy-to-bend blue chrome cobalt wire that readily accepts sharp, intricate bends. Heat treatment can improve resiliency by about 20%. *Masiloy* yields 2-3 arches per 14" (35.6 cm) length.

MULTI-STRAND

Multi-Strand

Pages E22-E23

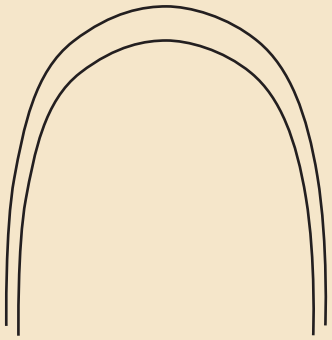
Multi-strand stainless steel archwires deliver light force over a greater distance and working range.

Wire is a six-strand coaxial stainless steel wire for initial leveling and aligning of teeth. Low wire stiffness enables the bracket to engage easily, and the *Penta-One* Wire's wide-working range allows the movement of teeth with minimal patient discomfort.

Eight-Strand Braided Stainless Steel Wire is both an initial leveling arch and a "settling-in" arch. Its ease of use and flexibility results in faster treatment time and makes stage-to-stage transitions easier. The wire will not fray when cut.

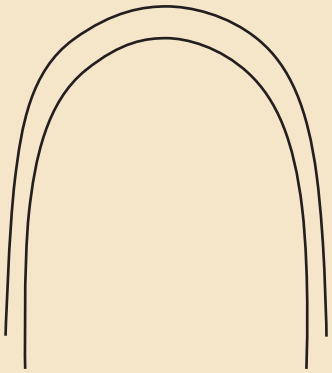
Stainless Steel Wire is an ideal initial wire that simplifies adaptation in the early stages of treatment. The flexible, triple-strand wire will not unravel when cut.

Wire is an exceptionally flexible initial wire that's easy to apply, especially if teeth are crowded. A coaxial design of six outer wires around a central core wire creates a tight, smooth outer surface. Its availability in 30' (9.1 m) spools enables you to cost-effectively cut off just the length you need with no waste.



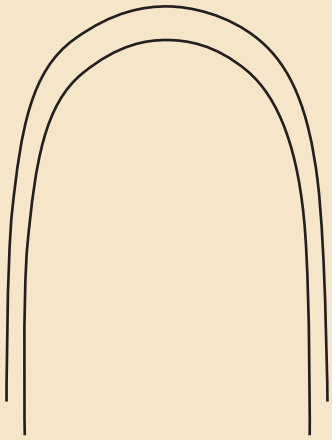
Natural Archform
(Nickel titanium)

- Available in round, square, and rectangular sizes
- Available in *Elastinol, Elastinol* Drift-Free, Orthocosmetic *Elastinol,* Authentic Nitinol, Value Brand of NiTi, Econo Nickel Titanium, *Therm-A-Form ULTRA, CV SuperForce*, *CNA Beta III,* and *Tri-Force Thermal*



Natural-A Archform
(Stainless steel)

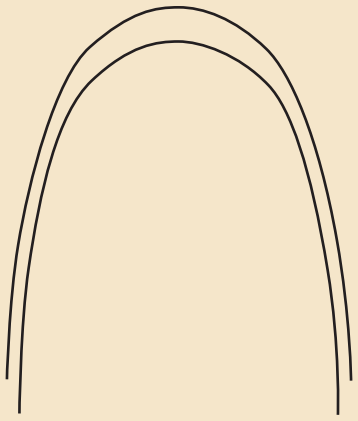
- Available in round, square, and rectangular sizes
- Available in Stainless Steel Golden, and Stainless Steel Resilient



Natural Broad Archform

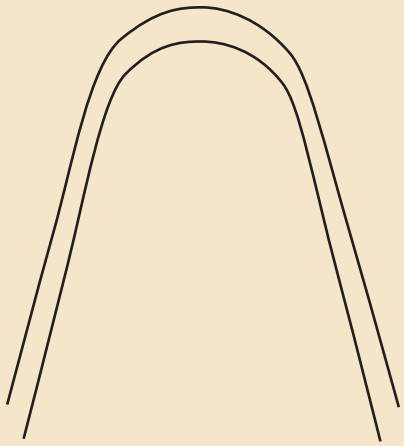
- Available in round, square, and rectangular sizes
- Available in Stainless Steel Golden, *Penta-One,* and *Octava Eight-Strand*

Diagrams represent typical arch shapes. Sizes not to scale. Length of leg varies between brands.



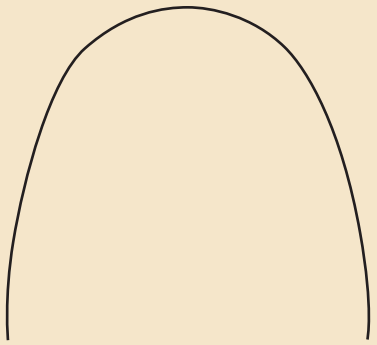
International Archform

- Available in round, square, and rectangular sizes
- Available in *Elastinol,* Stainless Steel Golden, and Stainless Steel Resilient



Standard Archform

- Available in round, square, and rectangular sizes
- Available in *Elastinol,* Stainless Steel Golden, Stainless Steel Resilient, *Octava Eight-Strand,* and *Penta-One* Coaxial



Nomad™ Archform

- Available in round, square, and rectangular sizes
- Available in *Elastinol* Drift-Free
- Universal arch for upper and lower

Select the right MASEL wire for each treatment phase.

See chart below for suggested use of MASEL wires.

		INITIAL PHASE			INTERMEDIATE PHASE				FINAL PHASE			
DESCRIPTION		LEVELING	TORQUE	ROTATION	TOOTH-ARCH COMPENSATION	TORQUE	ROTATION	RETRACTION	TOOTH-ARCH COMPENSATION	TORQUE	ROTATION	DETAILING
Nickel Titanium	*Elastinol*	■	■	■	■	■	■	■	■	■	■	■
	Authentic Nitinol	■	■	■	■	■	■	■	■	■	■	■
	Value Brand of NiTi	■	■	■	■	■	■	■				
	Econo Nickel Titanium	■	■	■	■	■	■	■				
	RetroArch Reverse Curve	■	■	■	■	■	■					
	CTA Intrusion							■	■	■	■	■
Thermal Nickel Titanium	*Therm-A-Form ULTRA*	■	■	■	■	■	■	■				
	CV SuperForce	■	■	■	■	■	■	■				
	Tri-Force	■	■	■	■	■	■	■				
CNA Beta III	*CNA Beta III* Nickel-free Titanium				■	■	■	■	■	■	■	■
	CNA Beta III with Loops				■	■	■	■				
SS	Stainless Steel *(Golden and Resilient)*								■	■	■	■
Multi-Strand	*Penta-One* Coaxial, *SST* Seven Strand	■										
	Octava Eight-Strand	■	■	■					■	■	■	■
	Triple Twist R	■		■								

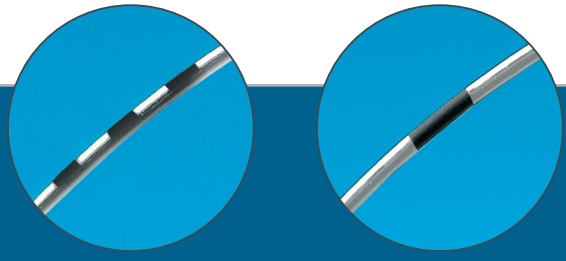
Look for these symbols to identify availability and dimensions of your favorite MASEL wire.

● Round Wire ■ Square Wire ▬ Rectangular Wire ⊗ Round Multi-strand Wire ⊠ Rectangular Multi-strand Wire

tip!

Permanent, etched center marks designate upper or lower arch (except "drift-free," which has dimples, and Orthocosmetic which has ink center marks).

Three lines indicate an upper archform and a single line indicates a lower archform.



Upper *Lower*

ELASTINOL™

The nickel titanium wire with the MASEL promise—Quality, performance, and amazing results!

MASEL's Elastinol Wire is our premier brand super-elastic nickel titanium archwire that optimizes the movement of teeth, even badly malposed teeth, by exerting light continuous forces over long periods of time. The lighter forces also minimize discomfort throughout a patient's treatment.

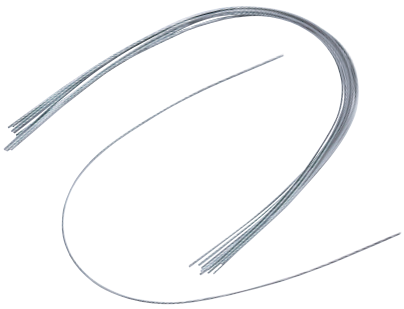
The non-fatiguing archwire is easy to engage and holds its shape memory longer, saving you chair time by requiring fewer wire changes.

Some of Elastinol's special qualities and capabilities:

- *Elastinol* works as well in difficult orthodontic cases as it does in routine ones. Ideal as a leveling wire, it can engage the most severely malposed teeth effectively. This capability enables you to begin torquing and finishing earlier in a patient's treatment with larger-diameter wire.
- It has a smooth, bright finish, which allows brackets to slide freely along the wire, thus lowering bracket friction and accelerating tooth movement.

Elastinol Wire is available in:

- Preformed archwires in Natural, International, and Standard archforms, with or without a "drift-free" dimple
- Preformed archwires with *Orthocosmetic* coating
- 15' (4.57 m) spools



tip!

To soften wire, use our Chill Instrument. Keep instrument cold in a freezer or ice chest, rub the desired section of archwire to transform it into a soft state (martensitic) to easily engage the wire. Nickel titanium wire will return to its original force from the warmth of the patient's mouth.

See page E10

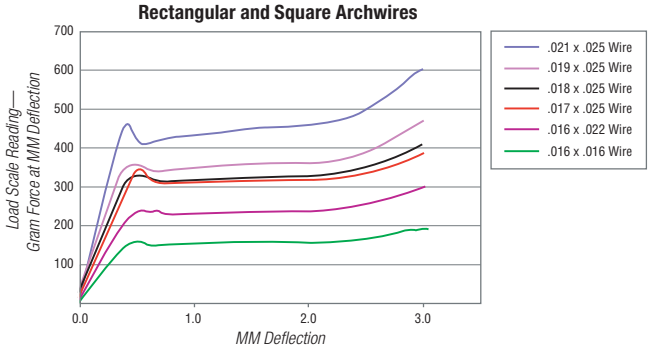


Elastinol Nickel Titanium Archwire

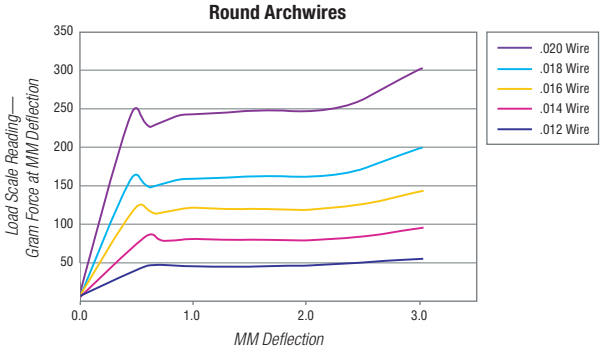
MASEL's Premium Nickel Titanium Archwire

- In Natural, International, and Standard archforms
- Recommended for all treatment phases
- Etched center marks: 3 marks on upper, and 1 mark on lower
- Smooth, bright, low-friction finish

Tooth-Moving Force Characteristics of Elastinol Rectangular and Square Archwires



Tooth-Moving Force Characteristics of Elastinol Round Archwires



Elastinol Archwire, Packs of 10

Sizes		Natural		International		Standard	
INCHES	MM	UPPER	LOWER*	UPPER	LOWER	UPPER	LOWER
.012	.30	4828-112	4828-012	4835-112	4835-012	4837-112	4837-012
.014	.36	4828-114	4828-014	4835-114	4835-014	4837-114	4837-014
.016	.40	4828-116	4828-016	4835-116	4835-016	4837-116	4837-016
.018	.46	4828-118	4828-018	4835-118	4835-018	4837-118	4837-018
.020	.50	4828-120	4828-020	—	—	—	—
.016 x .016	.40 x .40	4984-351	4984-350	4971-351	4971-350	—	—
.016 x .022	.40 x .56	4984-361	4984-360	4971-361	4971-360	4972-354	4972-353
.017 x .025	.43 x .63	4984-371	4984-370	4971-371	4971-370	4972-356	4972-355
.018 x .025	.46 x .63	4984-381	4984-380	4971-391	4971-390	4972-358	4972-357
.019 x .025	.48 x .63	4984-391	4984-390	4971-411	4971-410	4972-360	4972-359
.021 x .025	.53 x .63	4984-411	4984-410	—	—	—	—

Elastinol Archwire, Value Packs of 25

Sizes		Natural	
INCHES	MM	UPPER	LOWER*
.012	.30	4828-1127	4828-0127
.014	.36	4828-1147	4828-0147
.016	.40	4828-1167	4828-0167
.018	.46	4828-1187	4828-0187
.020	.50	4828-1207	4828-0207
.016 x .016	.40 x .40	4984-3517	4984-3507
.016 x .022	.40 x .56	4984-3617	4984-3607
.017 x .025	.43 x .63	4984-3717	4984-3707
.018 x .025	.46 x .63	4984-3817	4984-3807
.019 x .025	.48 x .63	4984-3917	4984-3907
.021 x .025	.53 x .63	4984-4117	4984-4107

Orthocosmetic Elastinol Preformed Archwires

This tooth-colored nickel titanium archwire has a special aesthetic coating that blends exceptionally well with ceramic or plastic brackets. **It won't stain or discolor, and resists cracking or chipping.** It facilitates fast tooth movement, is easy to engage even with the hardest-to-ligate bracket, and exerts a continuous, gentle force over a long period of time. Less brittle than other coated nickel titanium wires, enabling you to place a permanent stop in the posterior part of the wire.

- Longest lasting tooth-colored coating
- Super-elastic shape memory
- Ink center mark
- 5 per pack



Sizes**		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4833-114	4833-014
.016	.40	4833-116	4833-016
.018	.46	4833-118	4833-018
.016 x .022	.40 x .56	4833-122	4833-022
.018 x .025	.46 x .63	4833-125	4833-025

***Diameter includes coating*

tip!

Complete your Orthocosmetic cases with our …



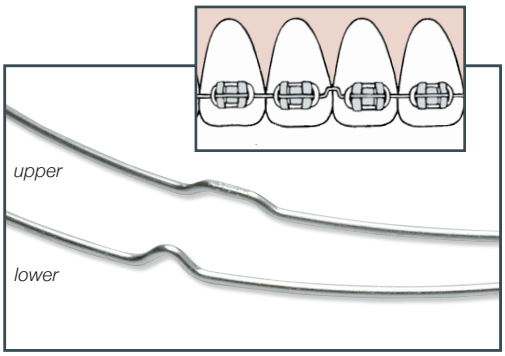
Silhouette Brackets
See page B12

Ligature Ties
See pages E25-E26

**Natural lowers can be used as uppers in mixed dentition cases.*

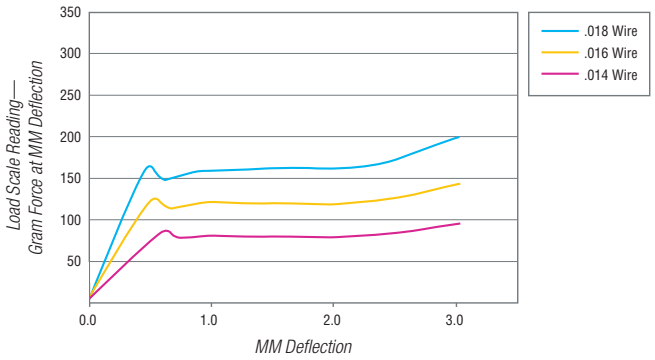
Drift-Free Dimpled Elastinol Preformed Archwires

MASEL's super-elastic nickel titanium *Elastinol* with a permanent midline notch prevents wire "drift." Guarantees that posterior legs stay in the buccal tubes—preventing patients' emergency visits.



- Permanent stop acts as a midline reference point. Measurements can be taken easily—nothing to wear off
- Integral "drift-free" dimple allows the distal end to be trimmed directly behind molar band rather than cinched
- Natural archform
- Round, square, and rectangular sizes
- Recommended for all treatment phases
- 10 per pack

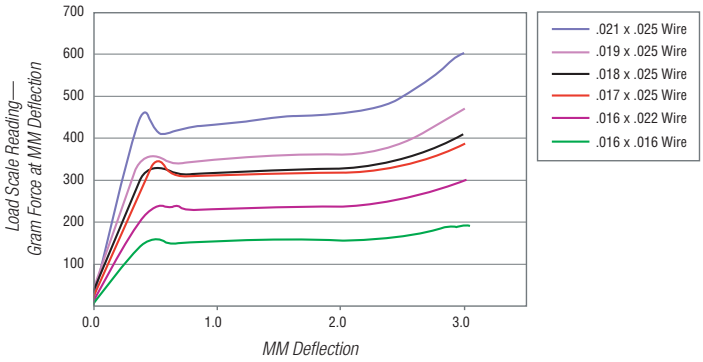
Tooth-Moving Force Characteristics of Elastinol Round Drift-Free Archwires



Sizes		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4831-314	4831-214
.016	.40	4831-316	4831-216
.018	.46	4831-318	4831-218

Sizes		Natural	
INCHES	MM	UPPER	LOWER
.016 x .016	.40 x .40	4983-351	4983-350
.016 x .022	.40 x .56	4983-361	4983-360
.017 x .025	.43 x .63	4983-371	4983-370
.018 x .025	.46 x .63	4983-381	4983-380
.019 x .025	.48 x .63	4983-391	4983-390
.021 x .025	.53 x .63	4983-411	4983-410

Tooth-Moving Force Characteristics of Elastinol Rectangular and Square Drift-Free Archwires



Nomad Archform

Elastinol Nomad archform features a "drift-free" dimple and is comparable to Ormco®'s Damon®* archwire form and sizes. Its ultra-smooth finish provides the ultimate in friction-free sliding mechanics, making it a perfect pairing with your current self-ligating bracket system.

Elastinol Archwire, Packs of 10

Sizes		Nomad
INCHES	MM	ITEM NO.
.012	.30	4807-112
.013	.33	4807-113
.014	.36	4807-114
.016	.40	4807-116
.018	.46	4807-118
.014 x .025	.36 x .63	4807-124
.016 x .025	.40 x .63	4807-136
.018 x .018	.46 x .46	4807-128
.018 x .025	.46 x .63	4807-138
.019 x .025	.48 x .63	4807-119
.020 x .020	.51 x .51	4807-120

**MASEL implies no endorsement by Ormco or Dr. Damon.*

Elastinol Spools 15' (4.57 m)

Elastinol Spools provide continuous, gentle force. With convenient 15' (4.57 m) spools, you save time every time you level, unravel, measure, and cut.

- 15' (4.57 m) per spool

Sizes		
INCHES	MM	ITEM NO.
.012	.30	4828-512
.014	.36	4828-514
.016	.40	4828-516



Freeze Spray*

Quickly chills nickel titanium archwires, making them pliable and easy to ligate. Also useful for cooling vacuum-formed retainers.

- Spray can, 10 oz

ITEM NO.
2034-070

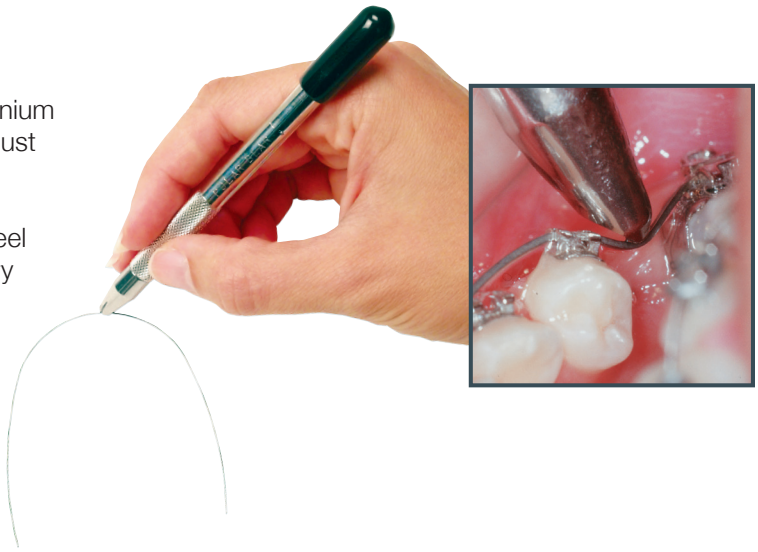


*Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.

Nickel Titanium Chill Instrument

This lightweight, compact instrument puts all nickel titanium wires into the martensitic state to facilitate easy tie-in. Just remove cap, fill with water, and freeze. After it is frozen, touch any part of a nickel titanium archwire, and it will immediately become soft and flexible. This stainless steel instrument is simple to use and fully autoclavable, or dry heat sterilizable with rubber cap removed.

ITEM NO.
4150-962



tip

Avoid Over-stressing Your Archwire!

Use this simple guide to avoid over-stressing your archwire into an unwanted, permanent set.

The maximum bend angle that super-elastic nickel titanium archwires are capable of sustaining without taking a permanent set.

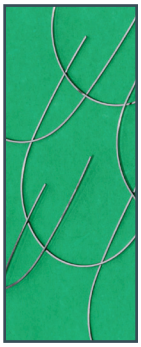
- 75° .012" wire
- 60° .014" wire
- 50° .016" and .018" wire
- 45° .020", .016" x .016", .016" x .022", and .017" x .025" wire
- 43° .018" x .018", .018" x .025", and .019" x .025" wire
- 40° .021" x .025" wire

NOTE: *This data is for approximate reference only. Actual bend angles will be dependent upon specifics of a particular case. Actual wire dimensions, bracket position, slot edge radii, wire span, and ligating technique, etc. will all affect maximum bend angle.*

Authentic Nitinol

If you're looking for a nickel titanium arch that has a matte finish and is a bit stiffer than *Elastinol, MASEL's* Authentic Nitinol Wire is the answer!

- Round or rectangular nitinol has a degree of deflection that's 5 times greater than stainless steel arches
- Recommended for all treatment phases
- Matte finish
- Round, square, and rectangular sizes
- 10 per pack



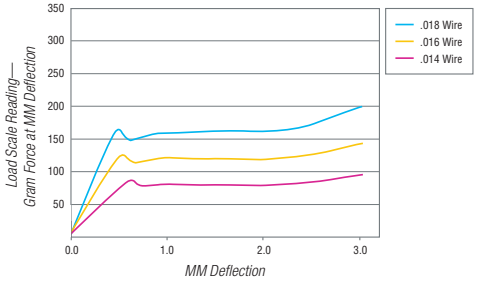
Sizes		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4831-114	4831-014
.016	.40	4831-116	4831-016
.018	.46	4831-118	4831-018
.020	.50	4831-120	4831-020
.016 x .016	.40 x .40	4831-551	4831-550
.016 x .022	.40 x .56	4831-561	4831-560
.017 x .025	.43 x .63	4831-571	4831-570
.018 x .018	.46 x .46	4831-585	4831-586
.018 x .025	.46 x .63	4831-581	4831-580
.019 x .025	.48 x .63	—	—

Value Brand of NiTi

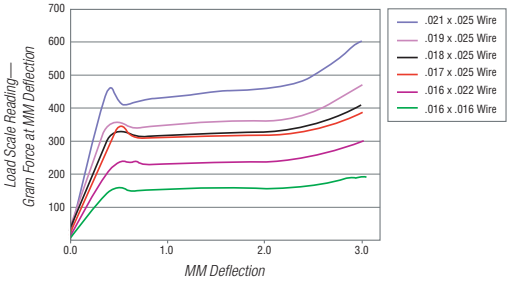
Not quite as strong as our Authentic Nitinol, with slightly lighter forces and more resiliency. Use as an initial archwire to quickly unravel and align.

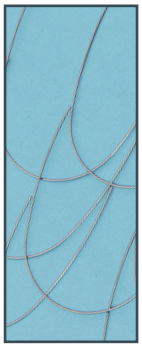
- Recommended for initial and intermediate treatment phases
- Available in Natural archform
- Round, square, and rectangular sizes
- Economical packs of 25 or 50

Tooth-Moving Force Characteristics of Round Value Brand of NiTi Archwires



Tooth-Moving Force Characteristics of Rectangular and Square Value Brand of NiTi Archwire





Packs of 25

Sizes		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4831-6147	4831-5147
.016	.40	4831-6167	4831-5167
.018	.46	4831-6187	4831-5187
.016 x .016	.40 x .40	4984-6517	4984-6507
.016 x .022	.40 x .56	4984-6617	4984-6607
.017 x .025	.43 x .63	4984-6717	4984-6707
.018 x .025	.46 x .63	4984-6817	4984-6807
.019 x .025	.48 x .63	4984-6917	4984-6907

Packs of 50

Sizes		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4830-114	4830-014
.016	.40	4830-116	4830-016
.018	.46	4830-118	4830-018
.016 x .016	.40 x .40	4986-611	4986-610
.016 x .022	.40 x .56	4986-621	4986-620
.017 x .025	.43 x .63	4986-631	4986-630
.018 x .025	.46 x .63	4986-641	4986-640
.019 x .025	.48 x .63	4986-651	4986-650

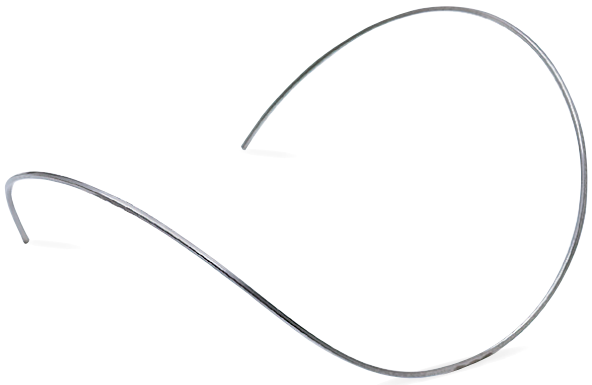
Econo Nickel Titanium

The Econo Nickel Titanium is *MASEL's* most economical wire.

- Recommended for all treatment phases
- Available in Natural archform
- Round, square, and rectangular sizes
- Ink center marks: 3 marks for upper, and 1 mark for lower
- Economical packs of 100



Sizes		Natural	
INCHES	MM	UPPER	LOWER
.012	.30	4832-202	4832-212
.014	.36	4832-204	4832-214
.016	.40	4832-206	4832-216
.018	.46	4832-208	4832-218
.016 x .016	.40 x .40	4832-302	4832-402
.016 x .022	.40 x .56	4832-304	4832-404
.017 x .025	.43 x .63	4832-306	4832-406
.018 x .018	.46 x .46	4832-308	4832-408
.018 x .025	.46 x .63	4832-310	4832-410



RETROARCH™

RetroArch Reverse Curve of Spee Wire

RetroArch Wire is a nickel titanium reverse curve of Spee archwire. As an initial wire for unraveling and leveling, *MASEL's RetroArch* Wire is tailor-made for difficult cases—best for use to open and close bites, level arches, consolidate spaces, and correct molar rotations. Two different designs for two different arches.

Original

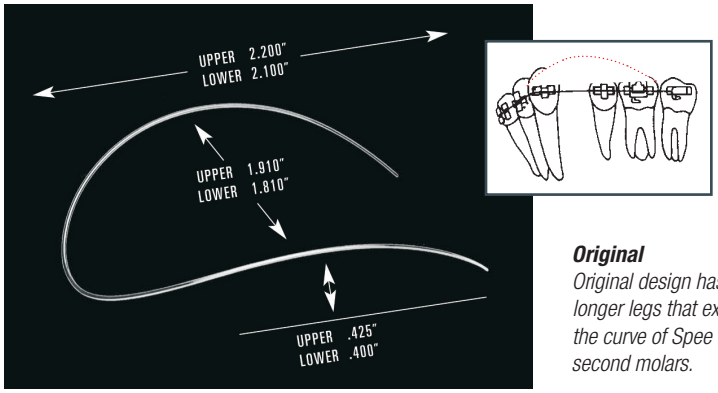
- *MASEL's* most widely used reverse curved arch, this original shape gives you greater control over posterior teeth. It is also ideal for patients whose maxillary and mandibular growth falls within the adult range.
- Round sizes only
- 10 per pack

Sizes		Original	
INCHES	MM	UPPER	LOWER
.014	.36	4828-314	4828-214
.016	.40	4828-316	4828-216
.018	.46	4828-318	4828-218

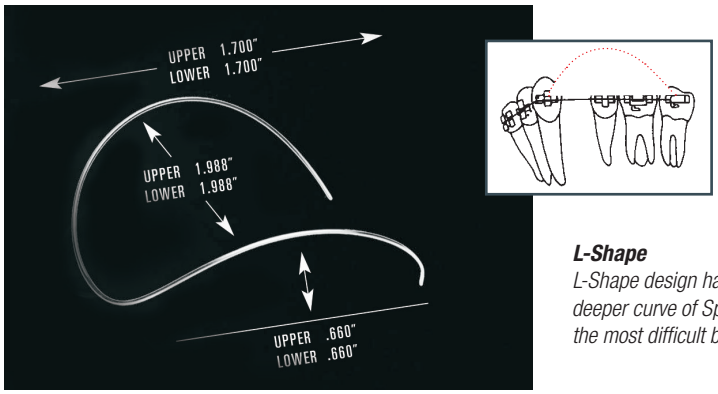
L-Shape

- Circular wire shape prevents molar "dumping", and facilitates arch consolidation and retraction of flared incisors in mixed-dentition cases.
- Square and rectangular sizes
- 10 per pack

Sizes		Original		L-Shape	
INCHES	MM	UPPER	LOWER	UPPER	LOWER
.016 x .016	.40 x .40	4984-550	4984-551	4984-554	4984-555
.016 x .022	.40 x .56	4984-560	4984-561	4984-564	4984-565
.017 x .025	.43 x .63	4984-570	4984-571	4984-574	4984-575
.018 x .025	.46 x .63	4984-580	4984-581	—	—
.019 x .025	.48 x .63	4984-590	4984-591	—	—



Original
Original design has longer legs that extend the curve of Spee to the second molars.



L-Shape
L-Shape design has a deeper curve of Spee for the most difficult bites.

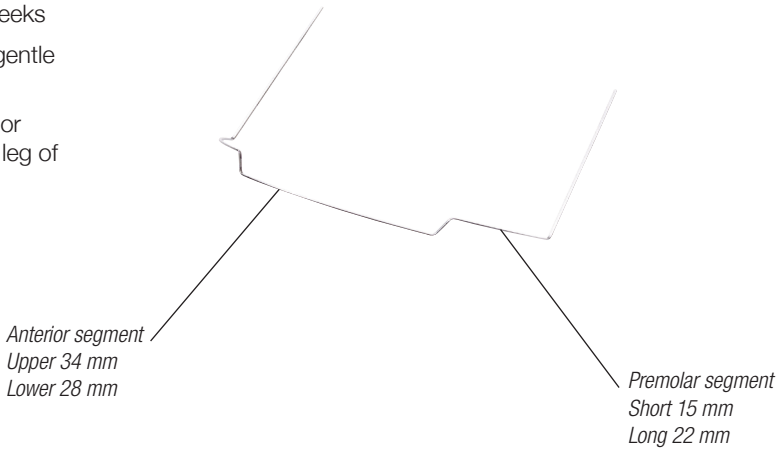
tip! **RetroArch** *Wire can be used inside-out and tied from one molar through the rest of the arch to expand the arch.*

CTA Nickel Titanium Intrusion Archwires

Developed in consultation with Dr. Ravindra Nanda, this archwire is a great tool for providing absolute intrusion of anterior teeth, anterior torque control, molar tip-back, incisor flaring, leveling of anterior cants, and more!

We suggest using triple tubes on maxillary arches and double tubes on mandibular arches with .018" x .025" auxiliary tubes. An .018" x .025" auxiliary tube allows the *CTA* Wire to be used in conjunction with other wires. Piggyback wires and posterior segments may also be used where necessary. In addition, transpalatal bars may be added to maintain buccal width or for anchorage purposes.

- About 1 mm of intrusion every 4-6 weeks
- Nickel titanium provides continuous gentle force
- Force can be adjusted by increasing or decreasing the bend at the posterior leg of the arch
- Rectangular sizes only
- 5 per pack



Sizes		Extraction/Short (15 mm)		Non-Extraction/ Long (22 mm)	
INCHES	MM	UPPER	LOWER	UPPER	LOWER
.016 x .022	.40 x .56	4984-116	4984-016	4984-326	4984-226
.017 x .025	.43 x .63	4984-117	4984-017	4984-327	4984-227

tip!

Use our **Triumph** *Jarabak Pliers to increase or decrease force by adjusting the bend at the posterior leg of the arch.*

Item No. 205-301
See page M6





A cool drink eases wire forces.

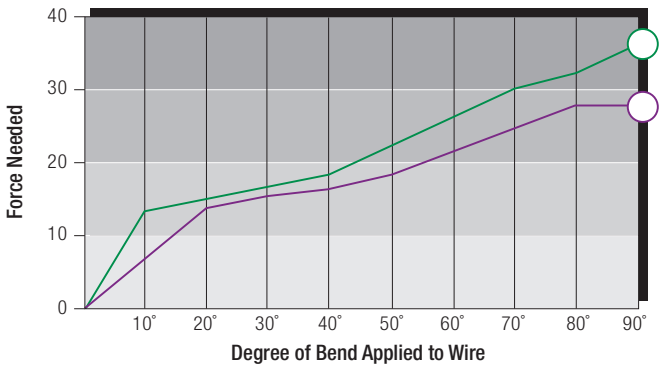
Therm-A-Form Ultra Archwires

Therm-A-Form Ultra Wire is a copper-free, heat-activated nickel titanium wire with lower ligating forces than most copper alloy wires. Provides gentle and consistent tooth-moving force, which is ideal for leveling and aligning. These wires are softer at room temperature, making it noticeably easier and faster to ligate in significantly crowded dentition. Heat activation transforms the wire to a super-elastic state at 90°F (32°C) inside the mouth. A cool drink can temporarily ease the force, which makes sensitive patients happy. Superior cyclic bend performance resists permanent bends.

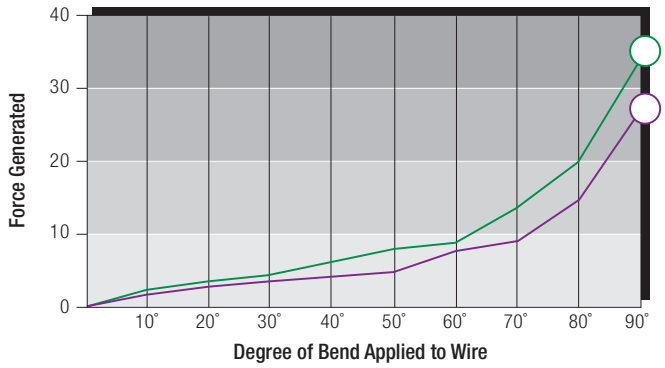
- Round, square, and rectangular sizes
- 10 per pack

Therm-A-Form ULTRA vs. Copper/Nickel Titanium Alloy

Force load needed to engage .016" Archwire



Tooth-moving force as wire unloads



**Based on our in-house tests using .016" archwire, .250" in. lb. load and ¼" span at 100˚F*

Sizes		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4804-114	4804-014
.016	.40	4804-116	4804-016
.018	.46	4804-118	4804-018
.016 x .016	.40 x .40	4984-125	4984-126
.016 x .022	.40 x .56	4804-361	4804-360
.017 x .025	.43 x .64	4804-371	4804-370
.018 x .025	.46 x .64	4804-381	4804-380
.019 x .025	.48 x .64	4804-391	4804-390



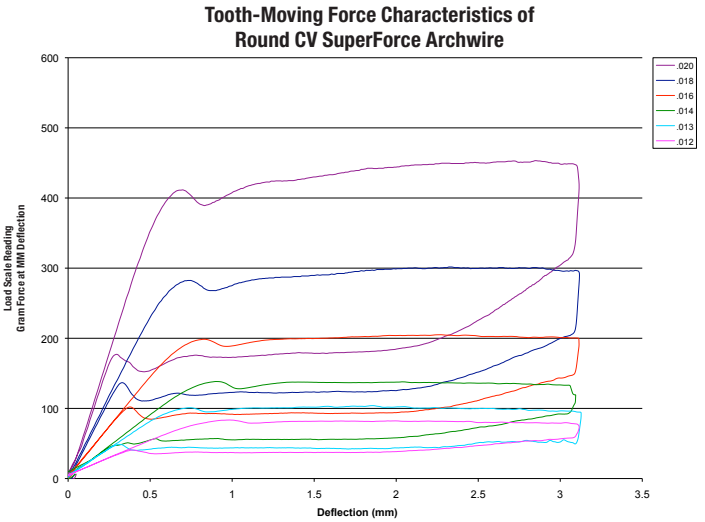
CV SuperForce Archwires

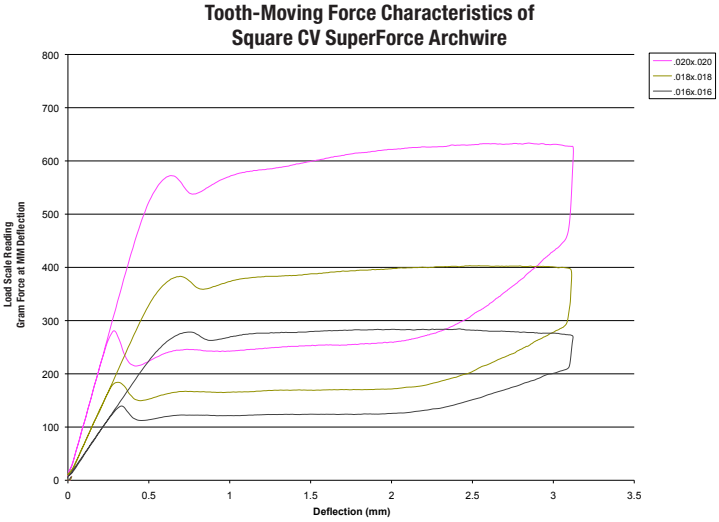
Among the strongest tooth-moving forces for thermal nickel titanium archwires

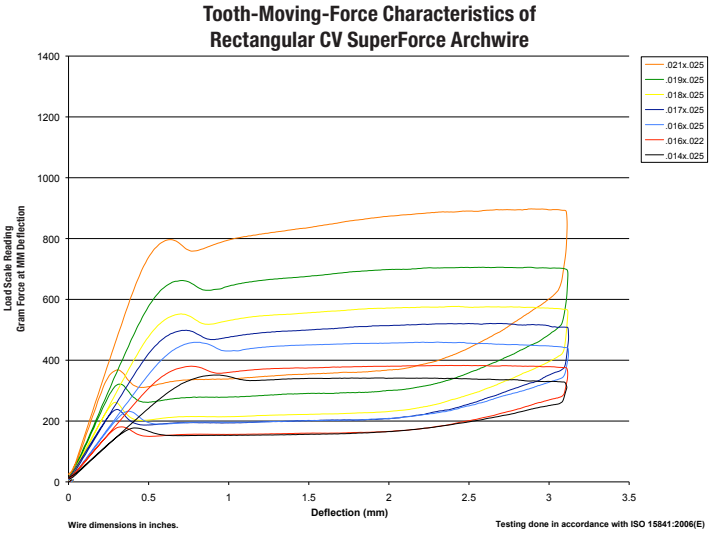
At room temperature, the *CV SuperForce* Nickel Titanium Wire is consistently soft, and makes ligation easier for you and more comfortable for the patient. Highly responsive to chilling, the wire can be softened even further so the most difficult cases can be ligated quickly and easily. It is ideal for adult patients with significant crowding. *CV SuperForce* is available in the Natural archform and features etched center marks, three marks on uppers and one mark on lowers. Heat activation transforms the wire to a super-elastic state at 65°-75°F (18°-24°C) inside the mouth. The force of the wire is directly between that of *Elastinol* Nickel Titanium and the *Therm-A-Form ULTRA* archwires.

- 10 per pack

Sizes		Natural	
INCHES	MM	UPPER	LOWER
.014	.36	4805-114	4805-014
.016	.40	4805-116	4805-016
.018	.46	4805-118	4805-018
.016 x .016	.40 x .40	4805-161	4805-061
.016 x .022	.40 x .56	4805-162	4805-062
.017 x .025	.43 x .64	4805-172	4805-072
.018 x .025	.46 x .64	4805-182	4805-082
.019 x .025	.48 x .64	4805-190	4805-090
.021 x .025	.53 x .64	4805-121	4805-021



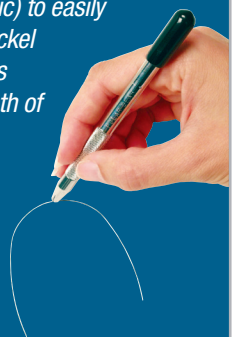




tip!

To soften wire, use our Chill Instrument. Keep instrument cold in a freezer or ice chest, rub the desired section of archwire to transform it into a soft state (martensitic) to easily engage the wire. Thermal nickel titanium wire will return to its original force from the warmth of the patient's mouth.

See page E10

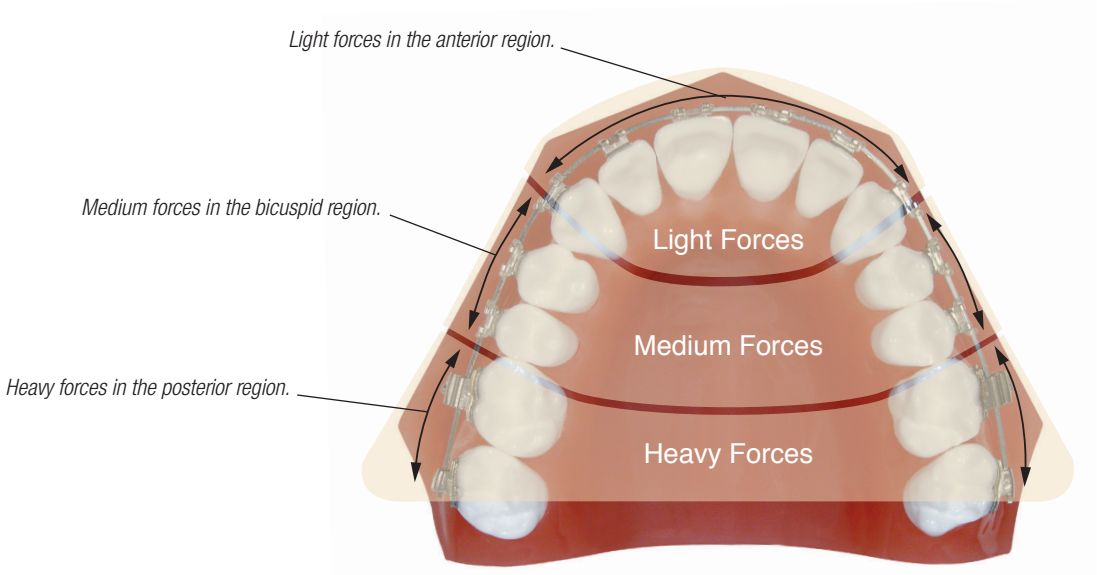


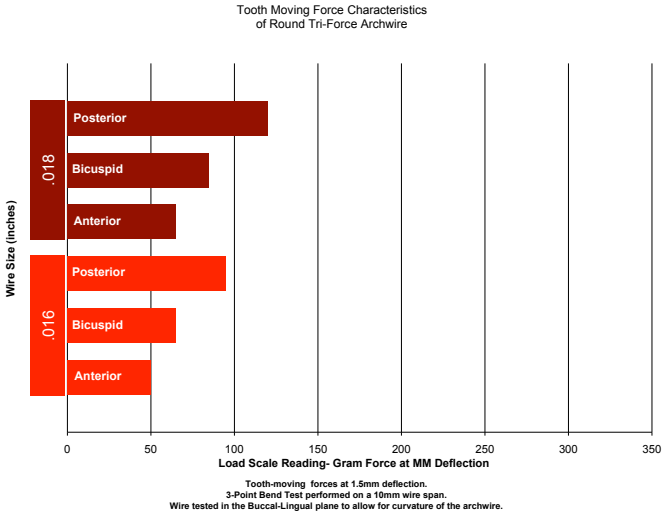
Tri-Force Thermal Archwires

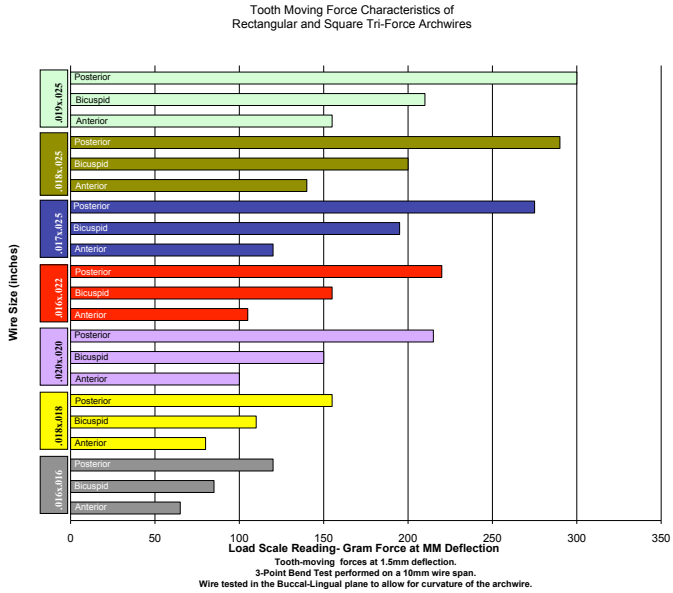
Three pre-programmed forces meet the tooth-moving demands that each section of the arch requires. The single-rooted anterior teeth require lighter forces, while the double-rooted bicuspid region receives a greater heat-activated force level. The posterior region has the greatest heat-activated force level for the triple-rooted molars.

- Natural archform
- Etched center marks, 3 marks on upper and 1 mark for lower
- Round, square, and rectangular sizes
- 10 per pack

Sizes		Natural	
INCHES	MM	UPPER	LOWER
.016	.40	4806-116	4806-016
.018	.43	4806-118	4806-018
.016 x .016	.40 x .40	4806-161	4806-061
.016 x .022	.40 x .56	4806-162	4806-062
.017 x .025	.43 x .64	4806-172	4806-072
.018 x .025	.46 x .64	4806-182	4806-082
.019 x .025	.48 x .64	4806-190	4806-090
.020 x .020	.50 x .50	4806-120	4806-020







Nickel-Free Titanium CNA Beta III Archwires

Presently using TMA® from Ormco? Then you should try *CNA Beta III* Archwire! *CNA Beta III* Wire offers the best of both worlds—combining the strength and versatility of stainless steel with a significant increase in resiliency. It is a bendable, high-force, low-deflection, nickel-free titanium archwire.

- Recommended for intermediate treatment phases
- Natural archform
- Round, square, and rectangular sizes
- Smooth surface for less friction



Advantages of CNA Beta III Over Nickel Titanium

- Nickel-free for sensitive patients
- Wire makes intricate 1st and 2nd order bends
- Long legs to accommodate loops and bends

Advantages of CNA Beta III Over Stainless Steel

- Less force
- Twice the resiliency
- Twice the deflection of stainless steel without permanent deformation
- Modulus of elasticity is half of stainless steel
- Longer angle of action

Bullets for the 'Advantage of Beta III with M-Loop

- Improved Mushroom, or M-Looped, shape wire has a rounded gingival portion of the loop, unlike the traditional T-Looped and similar archwires, that is more anatomically shaped. This will result in a tissue-friendly appliance, increasing patient comfort and satisfaction.
- Better retractional force than stainless steel due to superior spring back.
- We recommend using sizes 24 mm to 40 mm for loop activation between the lateral and cuspid.

CNA Beta III Archwire
10 per pack

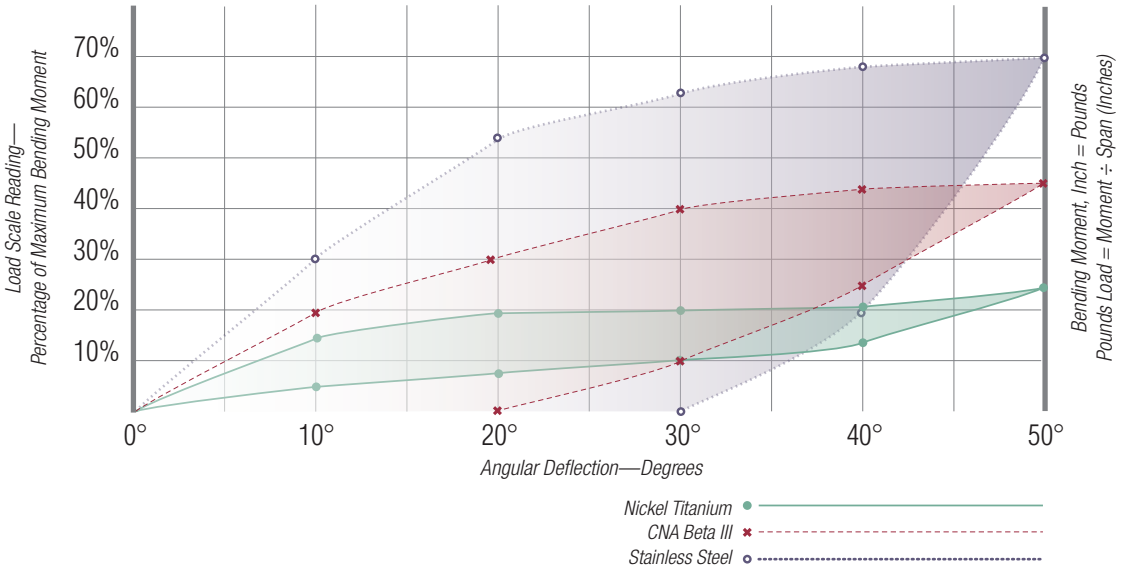
Sizes		Natural	
INCHES	MM	UPPER ITEM NO.	LOWER ITEM NO.
.016	.40	4738-411	4738-410
.018	.46	4738-421	4738-420
.016 x .016	.40 x .40	4738-351	4738-350
.016 x .022	.40 x .56	4738-361	4738-360
.017 x .025	.43 x .63	4738-371	4738-370
.019 x .025	.48 x .63	4738-391	4738-390



CNA Beta III
M-Loop Style 5 per pack

Sizes		Natural	
		.016 X .022 (.40 X .56 MM)	.019 X .025 (.48 X .64 MM)
UPPER	40	4758-340	4758-440
	38	4758-338	4758-438
	36	4758-336	4758-436
	34	4758-334	4758-434
	32	4758-332	4758-432
LOWER	30	4758-330	4758-430
	28	4758-328	4758-428
	26	4758-326	4758-426
	24	4758-324	4758-424

Force characteristics of CNA Beta III compared to Nickel Titanium and Stainless Steel



CNA Beta III Straight Lengths



CNA Beta III Straight Lengths
14" (35.6 cm)
10 per tube

Sizes		
INCHES	MM	ITEM NO.
.016	.40	4738-504
.018	.46	4738-505
.016 x .016	.40 x .40	4738-508
.016 x .022	.40 x .56	4738-500
.017 x .025	.43 x .63	4738-501
.019 x .025	.48 x .63	4738-502



CNA Beta III Lab Wire
14" (35.6 cm)
10 per tube

Sizes		
INCHES	MM	ITEM NO.
.032	.81	4738-506
.036	.91	4738-507

MASEL Stainless Steel Archwires

Ideal for final treatment phase, *MASEL's* popular stainless steel archwires come in round, square, and rectangular sizes, in both golden and resilient temper. Made with long legs to accommodate complex bends and loops, they're especially easy to work with. The perfect combination of superior strength and flexibility!



MASEL Stainless Steel Golden Heat-Treated Archwires



MASEL's heat-treated golden wire is very strong, yet ductile enough to accept intricate bends. It consistently outperforms competitor stainless steel wires for working range.

- Recommended for final treatment phase
- Natural-A, Natural Broad, International, and Standard archforms
- Round, square, and rectangular sizes

Stainless Steel Golden Archwire (50 per pack)

Sizes		Natural-A		Natural Broad		International		Standard	
INCHES	MM	UPPER	LOWER	UPPER ITEM NO.	LOWER ITEM NO.	UPPER ITEM NO.	LOWER ITEM NO.	UPPER ITEM NO.	LOWER ITEM NO.
.012	.30	—	—	—	—	—	—	4820-312	4820-212
.014	.36	4822-814	4822-714	4822-314	4822-214	4821-314	4821-214	4820-314	4820-214
.016	.40	4822-816	4822-716	4822-316	4822-216	4821-316	4821-216	4820-316	4820-216
.018	.46	4822-818	4822-718	4822-318	4822-218	4821-318	4821-218	4820-318	4820-218
.020	.50	4822-820	4822-720	4822-320	4822-220	4821-320	4821-220	4820-320	4820-220

Stainless Steel Golden Archwire (10 per pack)

Sizes		Natural-A		Natural Broad		International		Standard	
INCHES	MM	UPPER	LOWER	UPPER ITEM NO.	LOWER ITEM NO.	UPPER ITEM NO.	LOWER ITEM NO.	UPPER ITEM NO.	LOWER ITEM NO.
.016 x .016	.40 x .40	4999-740	4999-710	4999-540	4999-510	4994-402	4994-302	4999-402	4999-302
.016 x .022	.40 x .56	4999-741	4999-711	4999-541	4999-511	4994-405	4994-305	4999-407	4999-307
.017 x .025	.43 x .63	4999-742	4999-712	4999-542	4999-512	4994-407	4994-307	4999-409	4999-309
.018 x .025	.46 x .63	4999-743	4999-713	4999-543	4999-513	4994-409	4994-309	—	—
.019 x .025	.48 x .63	4999-744	4999-714	4999-544	4999-514	4994-410	4994-310	4999-412	4999-312
.021 x .025	.53 x .63	4999-745	4999-715	4999-545	4999-515	—	—	—	—

MASEL Stainless Steel Resilient Bright Archwires

These wires are easier to bend and even more ductile than our golden wire, but with resiliency to give you good performance. They can be heat treated for additional strength.

- Recommended for final treatment phase
- Natural-A, International, and Standard archforms
- Round, square, and rectangular sizes

Stainless Steel Resilient Bright Archwire (50 per pack)

Sizes		Natural-A		International		Standard	
INCHES	MM	UPPER	LOWER	UPPER ITEM NO.	LOWER ITEM NO.	UPPER ITEM NO.	LOWER ITEM NO.
.012	.30	—	—	—	—	4820-112	4820-012
.014	.36	4824-814	4824-714	4821-114	4821-014	4820-114	4820-014
.016	.40	4824-816	4824-716	4821-116	4821-016	4820-116	4820-016
.018	.46	4824-818	4824-718	4821-118	4821-018	4820-118	4820-018
.020	.50	4824-820	4824-720	4821-120	4821-020	4820-120	4820-020

Stainless Steel Resilient Bright Archwire (10 per pack)

Sizes		Natural-A Arch		International		Standard	
INCHES	MM	UPPER	LOWER	UPPER ITEM NO.	LOWER ITEM NO.	UPPER ITEM NO.	LOWER ITEM NO.
.016 x .016	.40 x .40	4994-740	4994-710	4994-202	4994-102	4999-202	4999-102
.016 x .022	.40 x .56	4994-741	4994-711	4994-205	4994-105	4999-207	4999-107
.017 x .025	.43 x .63	4994-742	4994-712	4994-207	4994-107	4999-209	4999-109
.018 x .025	.46 x .63	4994-743	4994-713	4994-209	4994-109	4999-211	4999-111
.019 x .025	.48 x .63	4994-744	4994-714	4994-210	4994-110	4999-212	4999-112

tip!

Make Permanent "V" stops in wire with **Triumph's** *Stop (V-Bend) Pliers.*

Place an accurate 1 mm V-Bend with one simple squeeze to shorten archwire, or provide a positive stop.

Stop (V-Bend) Pliers
Item No. 205-321
See page M7

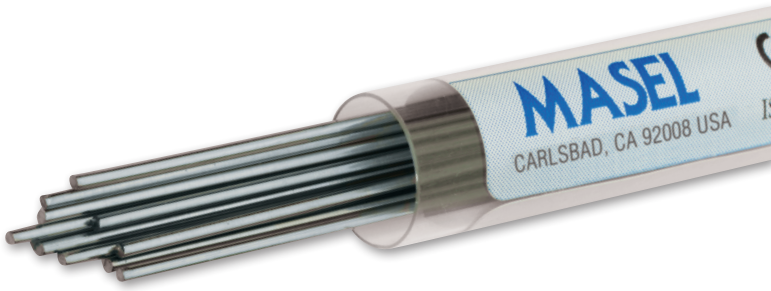


Stainless Steel Straight Lengths

14" (35.6 cm) The Industry Standard

Stress-relieved bright, round wire is available in spring, double spring, and medium tempers for fabricating Adams clasps, labial bows, finger springs, and even archwires.

- Premium stainless steel alloy has a very highly polished bright finish, free of nicks and other surface imperfections
- Accepts intricate bends without fracturing and holds them in place
- May be soldered
- Yields 2-3 arches per length
- Round and rectangular sizes only
- Supplied in 14" (35.6 cm) lengths in tubes containing 10 or 50 wires



Round 14" Straight Lengths 10 per tube

GAUGE	DIAMETER	SPRING TEMPER
21	.028" (.71 mm)	4809-028
20.5	.030" (.76 mm)	4809-030
20	.032" (.81 mm)	4809-032
19	.036" (.91 mm)	4809-036
18	.040" (1.02 mm)	4809-040
17	.045" (1.14 mm)	4809-045
16	.051" (1.30 mm)	4809-051

Round 14" Straight Lengths 50 per tube

GAUGE	DIAMETER	MEDIUM TEMPER	SPRING TEMPER	DOUBLE SPRING TEMPER
26	.016" (.41 mm)	—	—	4809-516
25	.018" (.46 mm)	—	—	4809-518
24	.020" (.51 mm)	—	—	4809-520
22	.025" (.64 mm)	4809-625	—	—
21	.028" (.71 mm)	4809-628	4809-528	—
20.5	.030" (.76 mm)	4809-630	4809-530	—
20	.032" (.81 mm)	4809-632	4809-532	—
19	.036" (.91 mm)	4809-636	4809-536	—
18	.040" (1.02 mm)	4809-640	4809-540	—
17	.045" (1.14 mm)	4809-645	4809-545	—
16	.051" (1.30 mm)	4809-651	4809-551	—

Rectangular 14" Straight Lengths 10 per tube

INCHES	MM	SPRING TEMPER
.016 x .016	.40 x .40	4999-602
.016 x .022	.40 x .43	4999-607
.017 x .022	.43 x .43	4999-608
.017 x .025	.43 x .63	4999-609
.018 x .025	.46 x .63	4999-611
.019 x .025	.48 x .63	4999-612

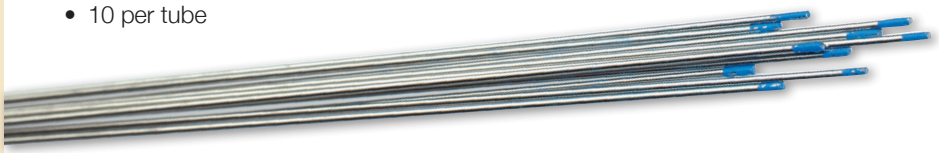


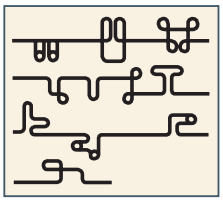
Masiloy™ Chrome Cobalt Wire

14" (35.6 cm) Straight Lengths

Soft, easy-to-bend, chrome cobalt wire readily accepts sharp, intricate bends without risk of breakage. Heat treating is recommended to increase resiliency by about 20%.

- Yields 2-3 arches per 14" (35.6 cm) length
- Round sizes only
- 10 per tube

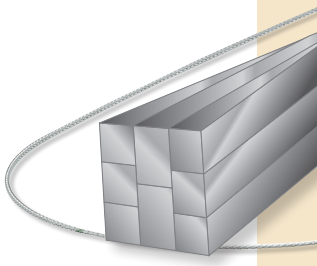




SIZE	ITEM NO.
.028" (.71 mm)	4803-028
.032" (.81 mm)	4803-032
.036" (.91 mm)	4803-036

MASEL Stainless Steel Multi-Strand Wire

MASEL offers multi-strand archwires including three-strand, eight-strand, five-around-one, and six-around-one designs that deliver light force over greater distance and working range. Their ease of use and flexibility allow you to work easier, and help make your patients' treatments more comfortable.



Octava Eight-Strand Rectangular Arches

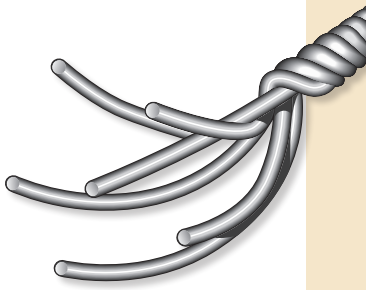
This eight-strand braided wire is flexible enough to be an initial leveling arch and a "settling in" arch. *Octava* gives you an easy transition from round to rectangular wire.

- Wire will not fray when cut
- Rectangular shape completely fills bracket slot to achieve torque control and leveling with one initial archwire
- You gain faster treatment time and easier transition from stage to stage
- Recommended for all treatment phases
- Natural Broad and Standard archforms
- Rectangular sizes only
- 10 per pack

Sizes		Natural Broad	Standard
INCHES	MM	ITEM NO.	ITEM NO.
.016 x .022	.40 x .56	4995-916	4995-816
.017 x .025	.43 x .63	4995-917	4995-817
.018 x .025	.46 x .63	4995-918	4995-818
.019 x .025	.48 x .63	4995-919	4995-819
.021 x .025	.53 x .63	4995-921	4995-821

Penta-One Coaxial Arches and Straight Lengths

Engages Easily, Yet Facilitates Quick Tooth Movement



Five strands wrapped around one, *Penta-One* Wire combines three important features, making it the wire of choice for initial leveling and aligning where teeth are severely malposed. Exceptional wire for lingual retainers and perio splinting.

Features and Benefits of *Penta-One* Coaxial Arches and Straight Lengths

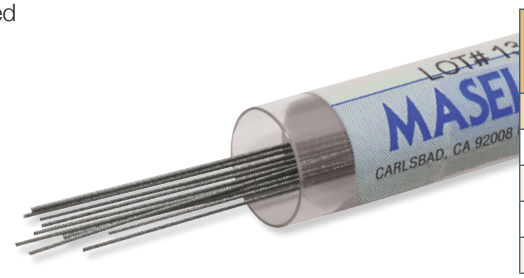
- Coaxial design (5 wires wrapped around one) presents a tightly twisted and very smooth surface in the bracket slot—less friction and resistance so that forces are lighter
- Core in the center provides the stability for the coaxial design
- Exceptional flexibility in cases where teeth are very crowded—you can engage lingually malposed teeth, no matter how positioned
- Low wire stiffness allows all brackets to engage easily without wire taking a permanent set
- Wide working range provides ability to move teeth without undue discomfort to patient
- Recommended for initial treatment phases
- Will not fray when cut
- Natural Broad and Standard archforms
- 14" (35.6 cm) lengths may be soldered
- Round sizes only
- 10 per tube



Penta-One Arches

Sizes		Natural Broad		Standard
INCHES	MM	UPPER ITEM NO.	LOWER ITEM NO.	ITEM NO.
.0155	.40	4998-255	4998-355	—
.0175	.44	4998-275	4998-375	4998-475
.0215	.55	—	—	4998-515

Penta-One Straight Lengths 14" (35.6 cm)

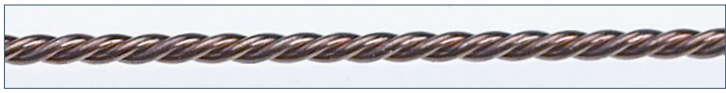


Sizes		
INCHES	MM	ITEM NO.
.0155	.40	4998-155
.0175	.44	4998-175
.0195	.50	4998-195
.0215	.55	4998-215

Triple Twist R Straight Lengths and Spools

For Use When a Slightly Stiffer Wire is Needed

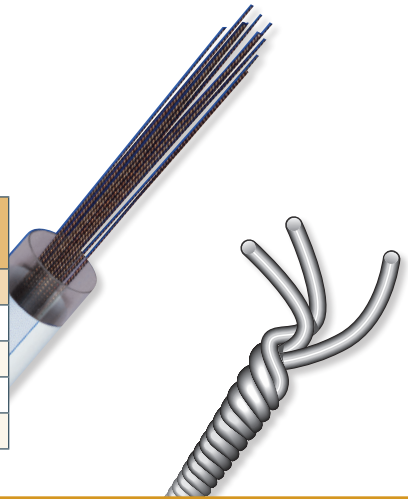
Slightly stiffer than six-strand archwire, but with the flexibility needed for an initial wire. Easily bendable in your hand. Our three-strand *Triple Twist R* Wire aligns and levels teeth with minimum discomfort. Recommended for initial treatment phases.



Features and Benefits of *Triple Twist R* Straight Lengths

Flexible, triple-strand wire simplifies archwire adaptation in early stages. Each length yields a minimum of two to three arches.

- Will not unravel when cut
- Round sizes only
- 10 per tube



Straight Lengths
14" (35.6 cm), 3-Strand

Sizes		
INCHES	MM	ITEM NO.
.0155	.40	4806-155
.0175	.44	4806-175
.0195	.50	4806-195
.0215	.55	4806-215

Features and Benefits of *Triple Twist R* on Spools

Slightly stiffer than *MASEL's* six-strand *Penta-One* wire, its modulus of flexibility is ideal for an initial wire.

- Will not unravel when cut
- Cost effective—measure and cut only what you need
- Big 30' (9.1 m) spool holds enough wire for over fifty 7" (17.8 cm) arches, and can be easily stored in a drawer
- Round sizes only

Spool
30' (9.1 m), 3-Strand

Sizes		
INCHES	MM	ITEM NO.
.0155	.40	4806-655
.0175	.44	4806-675



SST Seven Strand Wire

Highest Quality Coaxial Wire in Economic Dispenser Spools

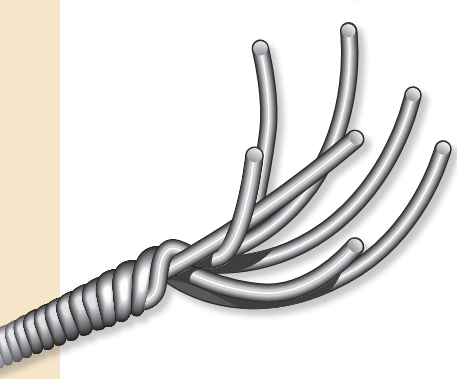


When you want your leveling to be completed in just a few short visits, *MASEL's SST* Seven Strand Wire is your best choice. It engages easily with a long working range, making it an ideal initial wire that keep patient discomfort to a minimum.

- Will not unravel when cut
- Recommended for initial treatment phases
- Round sizes only
- Economical 30' (9.1 m) per spool

30' (9.1 m)

Sizes		
INCHES	MM	ITEM NO.
.0155	.40	4977-155
.0175	.44	4977-175



tip!

Triumph *Long Handle Distal End Cutter with safety hold is designed specifically for cutting braided wire. Long handle option that can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm)*

Item No. 205-101XL
See page M4



MASEL Hooks and Stops

Soft Temper, Burr-Free Finish For Crimping and Welding

Split Curved Ball
Hook and Stop





Simply slip this hook over the engaged archwire and crimp it with *MASEL's* Hook Crimping Pliers. Provides a solid anchor for elastics or springs.

- 10 per pack

FITS ROUND OR RECT. WIRE UP TO ...		LEFT HOOK ITEM NO.	RIGHT HOOK ITEM NO.
.018" x .025"	.46 x .63 mm	4045-314	4045-315
.021" x .025"	.53 x .63 mm	4045-316	4045-317

Split Surgical Ball
Hook and Stop

Ball hooks bend easily in any direction, remain firmly in place when crimped.

- 10 per pack



FITS ROUND OR RECT. WIRE UP TO...		ITEM NO.
.018" x .025"	.46 x .63 mm	4045-318
.021" x .025"	.53 x .63 mm	4045-322

Closed Rectangular Cast Ball
Hook and Stop

Special, sturdy design provides a secure hold for any auxiliary. Easy application, simply slide on archwire.

- 10 per pack



FITS ROUND OR RECT. WIRE UP TO...		ITEM NO.
.018" x .025"	.46 x .63 mm	4045-418
.021" x .025"	.53 x .63 mm	4045-422

Closed Rectangular Curved Ball
Hook and Stop

Same rugged design with the added feature of a curved hook to provide a more secure anchor for elastomerics.

- 10 per pack



FITS ROUND OR RECT. WIRE UP TO...		ITEM NO.
.018" x .025"	.46 x .63 mm	4045-415
.021" x .025"	.53 x .63 mm	4045-417

Split Rectangular Stops



Rectangular stops will eliminate wire from sliding. No need to remove archwire to place stop in position. Easily pinch with dull cutter to hold in position.

- 100 per pack, 10 strips with 10 stops each

	FITS ROUND OR RECT. WIRE UP TO ...		ITEM NO.
W/O HOOK	.018" x .025"	.46 x .63 mm	4045-018
	.021" x .025"	.53 x .63 mm	4045-022



Optional hook is brazed in place for optimum strength and security.

- 10 per pack

	FITS ROUND OR RECT. WIRE UP TO ...		ITEM NO.
W/HOOK	.018" x .025"	.46 x .63 mm	4045-218
	.021" x .025"	.53 x .63 mm	4045-222



Closed Round Sliding Hook

Avoid bracket failure from tying a Kobayashi Hook. Sliding hooks are constructed of heavy wall, soft tubing which complements any elastic configuration.

- 10 per pack



FITS ROUND WIRE UP TO ...		ITEM NO.
.022"	.56 mm	4045-122
.030"	.76 mm	4045-130
.036"	.91 mm	4045-136

Grip-Tight™ Archwire Lock*

Use *MASEL's* precision made locks for retracting or rotating teeth without welding or soldering. Locks help to prevent slippery nickel titanium from sliding out of the buccal tube. Reusable locks save time by allowing easy repositioning.



- 5 locks and 5 nuts per pack

FITS ROUND OR RECT. WIRE UP TO ...		WITHOUT HOOKS ITEM NO.	LEFT HOOKS ITEM NO.	RIGHT HOOKS ITEM NO.
.018" x .025"	.46 x .63 mm	4046-020	4046-221	4046-223
.021" x .025"	.56 x .71 mm	4046-025	4046-224	4046-226

**Free lock tightening wrench included with every package.*



Use with .045" Nickel Titanium distalizing coil springs sold on page 73.

MASEL Ligature Ties

MASEL provides a broad choice of ties that cover the entire range of ligating requirements. From *Quik-Tie*™ Ligatures to traditional ligature ties, they make tie-ins fast, effortless work with fewer steps and less waste. *MASEL's* wide selection caters to all your ligature needs!

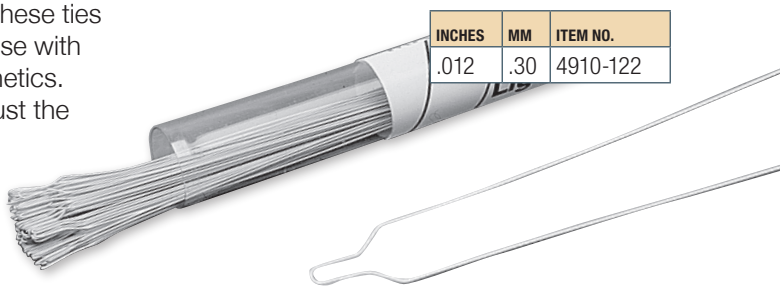
Orthocosmetic Preformed Ligature Ties

Perfect for ceramic brackets

A chemically inert, stain resistant tooth-colored coating gives these ties an "invisible" quality in the mouth. Your patients, especially those with ceramic or plastic brackets, will appreciate the improved aesthetics. Annealed dead-soft stainless steel gives *MASEL* ligature ties just the right temper for fast, effortless ligating.

- 100 per pack

INCHES	MM	ITEM NO.
.012	.30	4910-122

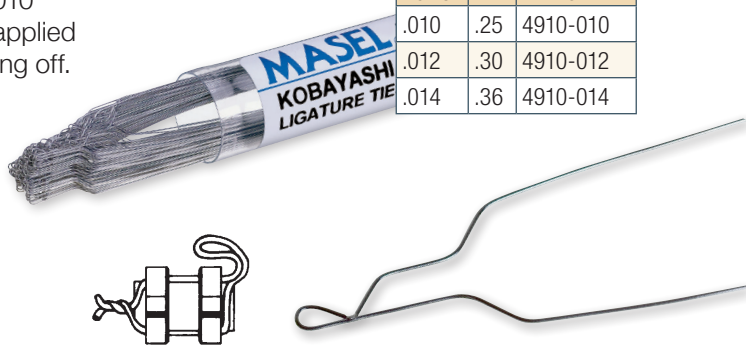


Kobayashi Auxiliary Preformed Ligature Ties

MASEL's Kobayashi Ties have a strong weld joint, which allows us to make them in a smaller diameter wire. The benefits of our small .010" diameter wire are less bulk in the tie-wing area, and lighter force applied to the bracket, thus less chance of the direct bond bracket popping off. Spot welded hooks are easily adaptable for up or down usage.

- 100 per pack

INCHES	MM	ITEM NO.
.010	.25	4910-010
.012	.30	4910-012
.014	.36	4910-014

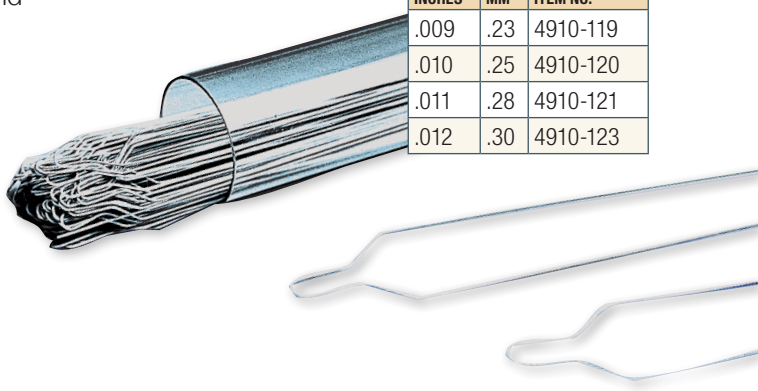


Stainless Steel Preformed Ligature Ties

Convenient preformed ligature ties fit better, are easier to use, and slide better under the tie-wing. They're preformed, making them consistently uniform in shape.

- 1,000 per pack

INCHES	MM	ITEM NO.
.009	.23	4910-119
.010	.25	4910-120
.011	.28	4910-121
.012	.30	4910-123



tip!
Ligature Tying/Tucking Instruments
See page M28

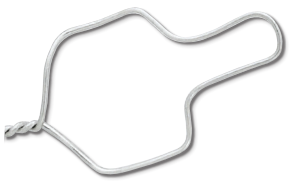


Mathieus
See pages M8, M26

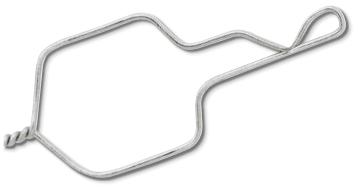
Quik-Tie Ligatures

Choose from our traditional Twist *Quik-Tie* or popular Kobayashi *Quik-Tie*. Both complete tie-ins easily with less waste and fewer steps. When an elastic hook is needed, nothing is faster than our Kobayashi *Quik-Tie* Ligatures.

- Twist *Quik-Tie*—1,000 per pack
- Kobayashi *Quik-Tie*—100 per pack



Twist Quik-Tie



Kobayashi Quik-Tie

tip!

Slip, twist, tuck, and go! Less cutting—less throw away. "Tie in" an arch in half the time with **MASEL's Quik-Ties!** *Here's all you have to do: 1) Slip wire over bracket. 2) Twist to tighten and cut if needed. 3) Tuck the tail … then go on to the next tooth. You're done!*

Twist Quik-Tie

INCHES	MM	ITEM NO.
.010	.25	4911-010

Kobayashi Quik-Tie

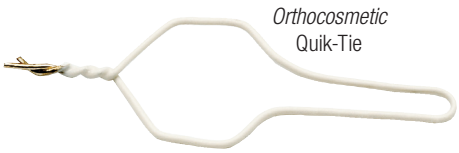
INCHES	MM	ITEM NO.
.012	.30	4911-012
.014	.36	4911-014

Orthocosmetic Quik-Tie Ligatures

Aesthetic Coating Blends Naturally With Teeth—Perfect For Ceramic Brackets

MASEL's Quik-Tie Ligatures and Kobayashi *Quik-Ties* are available with a tooth-colored coating and are easy to use. Just slip the wire over the bracket, twist to tighten, cut if needed, and tuck.

- White color
- Stain resistant
- Pre-cut, pre-tied to save you time
- 100 per pack



Orthocosmetic Quik-Tie



Orthocosmetic Kobayashi Quik-Tie

Orthocosmetic Quik-Tie

INCHES	MM	ITEM NO.
.010	.25	4911-210

Orthocosmetic Kobayashi Quik-Tie

INCHES	MM	ITEM NO.
.014	.36	4911-214



Spooled Ligature Wire

MASEL's ligature wire is available in economical 1-lb. (454-g) spools. Bright finish, annealed dead soft, and in the most popular wire diameters.

- High strength
- Dead soft temper
- Extra-bright finish
- 1 lb (454 g) per spool

INCHES	MM	LENGTH	ITEM NO.
.009	.23	4,500'	4920-109
.010	.25	3,700'	4920-110
.011	.28	3,000'	4920-111

Quik-Tie Twister

Handy pencil-sized twist holder loads at the flick of a finger, firmly holds all pre-twisted and pre-cut ligatures and Kobayashi *Quik-Ties.* Non-slip grip releases only on command. Stands up to heat sterilization or cold disinfecting.

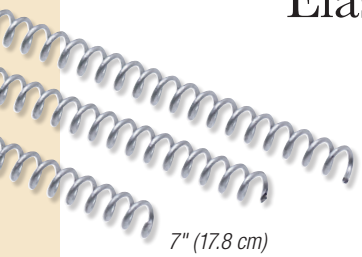


ITEM NO.
4150-975

Variable Force Starts With Control …

Variable Force Coil Springs activate with an initial force that lessens over time. Excellent with crowded teeth or with non-compliant patients. A product that offers consistent and reliable results case after case.

Elastinol Variable Force Open Coil



7" (17.8 cm) Open Coil Lengths

Variable Force Open Coil Lengths 7" (17.8 cm)

When a pain-sensitive patient demands special handling, *MASEL* has the coil spring to fit the circumstances. Gentle long-term action eliminates soft tissue trauma. Springs expand and compress further without losing working force. Easy to use! Simply measure, cut, place on the archwire, and ligate.

- .030" inside diameter fits wire up to .017" x .025"
- .036" inside diameter fits wire up to .021" x .025"
- 3 per tube

Variable Force Open Coil Lengths 7" (17.8 cm)

WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
.009"	.23 mm	.030"	.76 mm	4107-209
.010"	.25 mm	.030"	.76 mm	4107-210
.010"	.25 mm	.036"	.91 mm	4107-211
.012"	.30 mm	.030"	.76 mm	4107-212
.014"	.36 mm	.030"	.76 mm	4107-213
.014"	.36 mm	.036"	.91 mm	4107-214



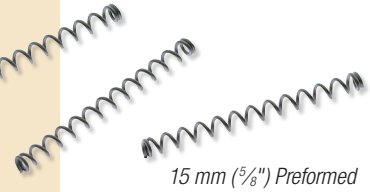
15" (38.1 cm) Variable Force Open Coil Springs

Variable Force Open Coil Spools 15" (38.1 cm)

Economical 15" (38.1 cm) spools allow you to cut just the length you need with no waste. Open coil only.

Variable Force Open Coil Spools 15" (38.1 cm)

WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
.009"	.23 mm	.030"	.76 mm	4107-609
.010"	.25 mm	.030"	.76 mm	4107-610
.010"	.25 mm	.036"	.91 mm	4107-611
.012"	.30 mm	.030"	.76 mm	4107-612
.014"	.36 mm	.030"	.76 mm	4107-613
.014"	.36 mm	.036"	.91 mm	4107-614



15 mm (5⁄8") Preformed Open Coil Springs

Variable Force Preformed Open Coil Springs 15 mm

Preformed with double wound ends to eliminate sharp points. Compresses to 3 mm with just the right force to create or maintain spaces.

- 10 per pack

Variable Force Open Coil Springs 15 mm (5⁄8")

WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
.010"	.25 mm	.030"	.76 mm	4107-415

Elastinol Variable Force Closed Coil



Prefabricated Closed Coil Springs with Eyelets

Prefabricated with anchorage eyelets for quick, secure attachment. Fade-resistant, closed coil provides sustained long-term pull. Easily attaches to bracket hook. Break-resistant eyelets.

- 10 per pack

Prefabricated Closed Coil Springs With Eyelets

WIRE DIAMETER		INSIDE DIAMETER		LENGTH		ITEM NO.
.010"	.25 mm	.030"	.76 mm	.375"	9 mm	4107-309
.010"	.25 mm	.030"	.76 mm	.5"	12 mm	4107-312



Closed Coil Lengths 7" (17.8 cm)

Nickel titanium coil makes closing spaces easier on patients with a gentle, continuous force that works five times longer than stainless steel coils.

- 3 per pack

Closed Coil Lengths 7" (17.8 cm)

WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
.010"	.25 mm	.030"	.76 mm	4107-307

Pre-Programmed Coil Springs Offer Constant Force

Dependable and predictable super-elastic coil springs are an asset in treatment planning. Constant, gradual force lasts up to 12 weeks.

When to use Pre-Programmed Springs: For a lengthy procedure, choose a pre-programmed force spring to maximize patient comfort. Pre-Programmed delivers the same constant force until the spring or coil is removed.

Elastinol Pre-Programmed Force Open Coil



This spring delivers constant, unvarying force for predictable results—even when the spring compression is changed, the force stays the same! Gentle long-term action eliminates soft tissue trauma. Springs expand and compress further without losing working force. Easy to use—simply measure, cut, place on the archwire, and ligate.

Three forces to choose from—50, 100, and 150 grams.

- .030" inside diameter fits wire up to .017" x .025"
- .045" inside diameter fits over any size archwire
- 3 per tube

Open Coil Lengths
7" (17.8 cm)

FORCE	WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
50 g	.010"	.25 mm	.045"	1.15 mm	4107-226
100 g	.012"	.30 mm	.045"	1.15 mm	4107-225
150 g	.010"	.25 mm	.030"	.76 mm	4107-220



Pre-Programmed Force Open Coil Spools
15" (38.1 cm)

Now available in easy-to-store spools that eliminate waste.

Open Coil Spools
15" (38.1 cm)

FORCE	WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
50 g	.010"	.25 mm	.045"	1.15 mm	4107-625
100 g	.012"	.30 mm	.045"	1.15 mm	4107-624
150 g	.010"	.25 mm	.030"	.76 mm	4107-620

Elastinol Pre-Programmed Force Prefabricated Closed Coil Springs with Eyelets
9 mm

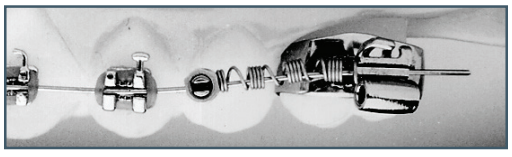


Convenient 9 mm lengths come with eyelets that make attachment fast and easy. Three forces available: 100 grams to close a 2 mm space, 150 grams to close a 3 mm space, and 200 grams to close a 4 mm. Nickel titanium's gentle continuous force reduces patient discomfort—and works five times longer than stainless steel springs.

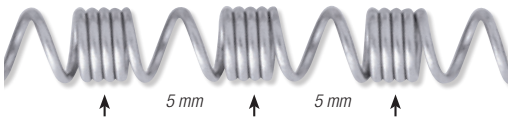
- .030" inside diameter fits wire up to .017" x .025"
- 10 per pack

FORCE	WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
100 g	.010"	.25 mm	.030"	.76 mm	4107-320
150 g	.011"	.29 mm	.030"	.76 mm	4107-321
200 g	.012"	.30 mm	.030"	.76 mm	4107-322

(NOTE: Not recommended for Class II elastic replacement.)



Use with Grip-Tight *Archwire Locks sold on page 69.*



Cut in closed coil area to prevent bur impingement in cheek area.

WIRE DIAMETER		INSIDE DIAMETER		ITEM NO.
.010"	.25 mm	.045"	1.15 mm	4107-245

Nickel Titanium Distalizing Coil Springs .045"

The best headgear in the world won't do the job if the patient won't use it. Here's an alternative that works. Our .045" inside diameter nickel titanium coil spring fits over any size archwire and delivers gentle, continuous force to distalize molars—without headgear or lip bumpers. There's less patient discomfort and no need to rely on patient compliance. 7" (17.8 cm) lengths allow you to cut only what you need, no waste.

- Delivers 100 grams of force
- Achieves 1-1.5 mm distalization per month
- Fits over any size wire
- 3 per pack

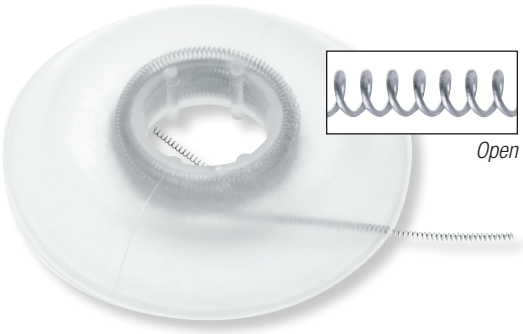
Stainless Steel Coil Spring Spools

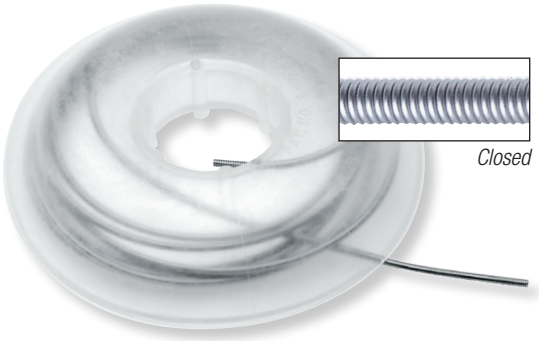
Superior Resilient and Durable

Eliminate heat treatment while offering high resilience and durability. These stainless steel coil springs are precision-wound in two styles—open and closed.

3' (.91 m)

DESCRIPTION	WIRE DIAMETER		ARBOR DIAMETER		ITEM NO.
Closed	.010"	.25 mm	.030"	.76 mm	4107-010
Open	.010"	.25 mm	.030"	.76 mm	4107-011



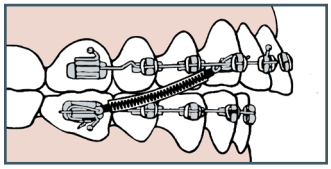


Perm-A-Force™

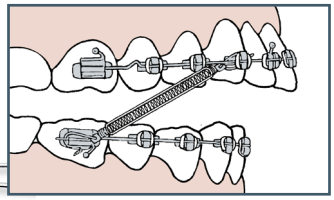
Perm-A-Force Nickel Titanium Springs feature stainless steel eyelets and pre-attached ligature wires for ligating. No more depending on patient compliance, *Perm-A-Force* Springs tie in permanently, and work for months. Less expensive than short-lived stainless steel springs. Springs are covered with our soft sleeve.

- 10 per pack

DESCRIPTION	FORCE	ITEM NO.
Light	100 g	4107-501
Medium	150 g	4107-502
Heavy	200 g	4107-503



Ligate passively in closed occlusion



Provides gentle force up to three months



Perm-A-Force Springs are not suitable for patients who wear mouthguards.

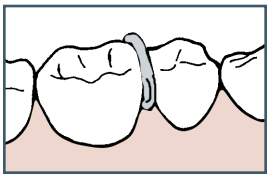
Peak™ Separating Springs

Made from nickel titanium wire, our *Peak* Separating Springs will provide a stronger, yet gentler force than elastic separators over a longer, more continuous period of time. Clinicians no longer have to floss through the contact with an elastomeric separator. Once in place and compressed, the scissor-like action of the spring creates the desired space between stubborn molars with minimal patient discomfort. May also be used to upright impacted molars.



Features and Benefits of Peak Nickel Titanium Separating Springs:

- Generate a light, constant force for patient comfort
- Excellent choice for difficult, tight contacts
- Faster and more efficient tooth movement
- Unique self-seating design
- Easy to place and remove
- 25 per pack



Ideal for extremely tight contacts.

DESCRIPTION	SIDE X BASE	ITEM NO.
Small	5 mm x 4 mm	4107-460
Large	6 mm x 5 mm	4107-461

Convenient Organizers Let You Locate Your Wires Quickly



Acrylic Archwire Holder with Cover

Covered design keeps your preformed archwires clean and protected, while still allowing you to check your inventory at a glance. Holds 12 archwire sizes.

- 7¾" W x 4½" H x 4" D (19.7 cm x 11.4 cm x 10.2 cm)

ITEM NO.
4811-025



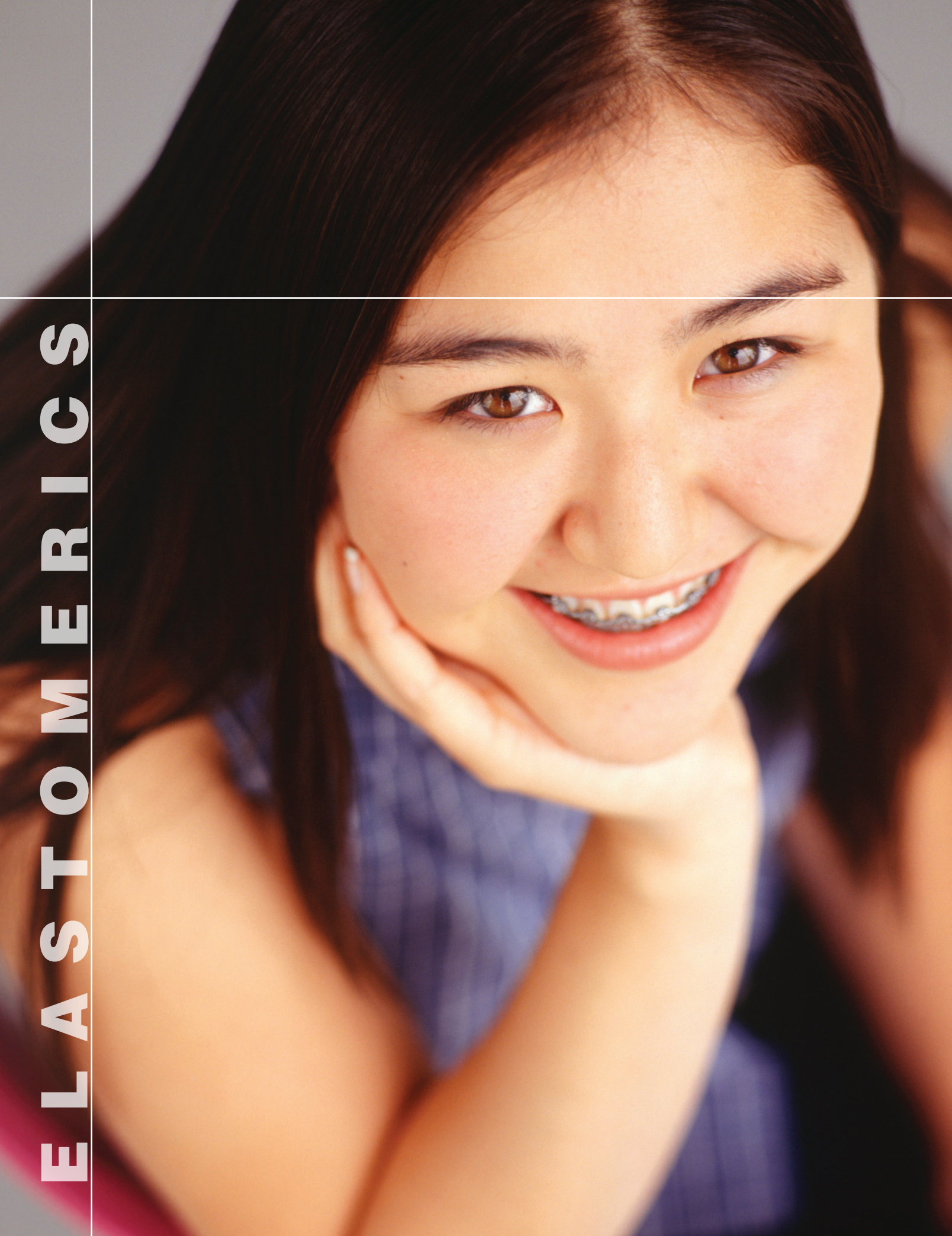
Plastic Archwire Organizer

Super-size archwire station holds 20 different types of archwires for total operatory control. This master station gives you instant access to all of your preformed archwires within a single rack. It also eliminates the risk of finding your inventory is depleted when you have a patient in the chair. Modern design complements any office decor. Plus it is portable and easy to clean.

- 3⅝" W x 11" L (9.7 cm x 27.9 cm)

ITEM NO.
4811-010

ELASTOMERICS



GeoShapes™ Intraoral Elastics **F-3**
Bulk Intraoral Elastics **F-4**
Ligating Modules and Chain **F-5**
Elastics Color Chart **F-6**
Ligating and Separating Modules **F-7**
Tubing and Lip Protectors **F-8**

GeoShapes Intraoral Elastics

- Careful manufacturing delivers consistent, accurate force levels
- Specially designed packaging protects elastics from harmful ultraviolet light
- Convenient dispenser boxes allow patients to retrieve their own elastics
- 50 prepackaged bags per box, approximately 100 elastics per bag



Easy to identify by color, shape, and letter.

2.5 oz Light	1/8" (3.18 mm)	3/16" (4.76 mm)	1/4" (6.35 mm)	5/16" (7.94 mm)	3/8" (9.53 mm)
	Mushroom	Green Beans	Pineapple	Carrot	Asparagus
Natural Latex	5011-201	5011-202	5011-203	5011-204	5011-205

3.5 oz Medium	1/8" (3.18 mm)	3/16" (4.76 mm)	1/4" (6.35 mm)	5/16" (7.94 mm)	3/8" (9.53 mm)
	Bell Pepper	Watermelon	Tomato	Grapes	Pumpkin
Natural Latex	5011-301	5011-302	5011-303	5011-304	5011-305
Electrik™ Colors (Latex)	—	5012-302	5012-303	5012-304	—
Latex Free	—	5015-305	5015-303	5015-304	—

4 oz Heavy	1/8" (3.18 mm)	3/16" (4.76 mm)	1/4" (6.35 mm)	5/16" (7.94 mm)	3/8" (9.53 mm)
	Cherry	Strawberry	Banana	Apple	Artichoke
Natural Latex	5011-401	5011-402	5011-403	5011-404	5011-405
Electrik Colors (Latex)	—	5012-402	5012-403	5012-404	—
Latex Free	—	5015-405	5015-403	5015-404	—

6 oz Extra Heavy	1/8" (3.18 mm)	3/16" (4.76 mm)	1/4" (6.35 mm)	5/16" (7.94 mm)	3/8" (9.53 mm)
	Pear	Raspberry	Lemon	Corn	Broccoli
Natural Latex	5011-601	5011-602	5011-603	5011-604	5011-605
Electrik Colors (Latex)	—	5012-602	5012-603	5012-604	—
Latex Free	—	5015-605	5015-603	5015-604	—

Natural Prepackaged Latex Elastics

MASEL's natural intraoral elastics are made from a high quality amber-colored material and packaged in opaque bags, preventing hazardous, ultraviolet light from penetrating the bag and harming the elastics. We use only the purest medical grade material and package our elastics so they stay that way.

50 bags of approximately 100

Clear Prepackaged Elastics

MASEL's elastics are made of a special medical-grade elastomer that is not made with natural rubber latex. It is tasteless, odorless, and non-staining. Packaged in protective, re-sealable bags, these clear elastics are ideal for patients with aesthetic brackets, as well as those with latex sensitivities.

Electrik™ Colors Prepackaged Elastics

MASEL's Electrik colors latex elastics offer the brightest assortment of fluorescent elastics available. The fun colors are ideal for younger patients, especially those who are being treated with self-ligating brackets, who don't get to use colorful elastomerics.

GeoShapes Elastics Acrylic Organizer Rack

- Holds 4 boxes of *GeoShapes* Elastics
- Self-standing or wall mountable
- 13½" L x 4¼" W x 10" H

ITEM NO.
4811-030

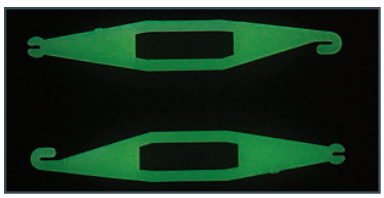


Glow-In-The-Dark Elastic Placers

Our Elastic Placer has been redesigned to be more patient friendly. It has an elastic hook on one end and a pusher on the other end to remove elastics. A great help in getting patients to wear their elastics. Put one in each bag of elastics you distribute.

- 100 per pack

ITEM NO.
5003-700





Extraoral Latex Elastics

MASEL's extraoral elastics are perfect for any type of orthopedic facial mask. These elastics can be used for Hawley's with 3-3 hooks.

1,000 elastics per pack

INSIDE DIAMETER	8 OZ (227 G)	16 OZ (454 G)
¼" (6.35 mm)	5007-703	5007-803
5/16" (7.94 mm)	5007-704	5007-804
⅜" (9.53 mm)	5007-705	5007-805
½" (12.7 mm)	5007-706	5007-806



MASEL Intraoral Elastics In Bulk Packs

If you have a large or busy practice, prefer to distribute elastics in your own bags, or want the flexibility of giving patients certain amounts of different sizes, our bulk pack is for you.

- Bulk packs of approximately 2,000, or super-sized bulk packs of approximately 100,000



Natural Latex Bulk Packs of 2,000

INSIDE DIAMETER	3 OZ (85 G) MEDIUM	4 OZ (114 G) HEAVY	6 OZ (170 G) X-HEAVY
⅛" (3.18 mm)	5004-301	5004-401	5004-601
3/16" (4.76 mm)	5004-302	5004-402	5004-602
¼" (6.35 mm)	5004-303	5004-403	5004-603
5/16" (7.94 mm)	5004-304	5004-404	5004-604



Natural Latex Super Bulk Packs of 100,000*

INSIDE DIAMETER	3 OZ (85 G) MEDIUM	4 OZ (114 G) HEAVY	6 OZ (170 G) X-HEAVY
⅛" (3.18 mm)	5008-301	5008-401	5008-601
3/16" (4.76 mm)	5008-302	5008-402	5008-602
¼" (6.35 mm)	5008-303	5008-403	5008-603
5/16" (7.94 mm)	5008-304	5008-404	5008-604
⅜" (9.53 mm)	5008-305	5008-405	5008-605



Clear – not made with natural rubber latex Super Bulk Packs of 100,000*

INSIDE DIAMETER	4 OZ (114 G) HEAVY	6 OZ (170 G) X-HEAVY
¼" (6.35 mm)	5009-403	5009-603
5/16" (7.94 mm)	5009-404	—



Electrik Colors Latex Super Bulk Packs of 100,000*

INSIDE DIAMETER	4 OZ (114 G) HEAVY	6 OZ (170 G) X-HEAVY
3/16" (4.76 mm)	—	5002-907
¼" (6.35 mm)	5002-902	5002-903
5/16" (7.94 mm)	5002-904	5002-905

**Allow up to 10 weeks for delivery of super bulk packs.*



Unicycles™

- Available in 44 vibrant, non-fading colors
- Not made with natural rubber latex to accommodate patient sensitivities
- Modules pull off sticks clearly without burs or weak spots
- .120” diameter size
- 24 modules per stick, 42 sticks per package (1,008 modules total)



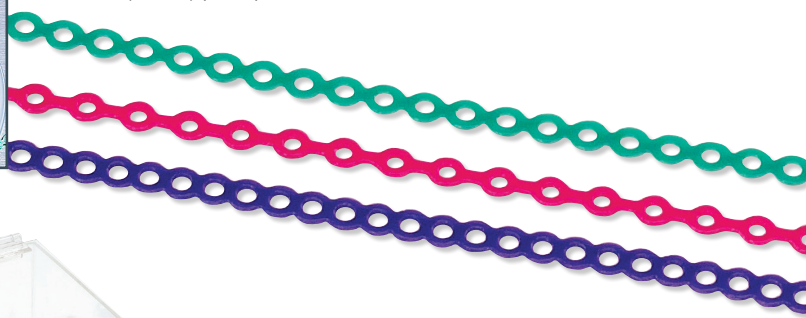
Mini Unicycles™

- Available in 33 vibrant, non-fading colors
- With 10 ligatures per stick, there is little waste and no cross-contamination
- Not made with natural rubber latex to accommodate patient sensitivities
- Easily remove each ring by utilizing the grip and ergonomic shape
- .120" diameter size
- 10 modules per stick, 50 sticks per package (500 modules total)



Elastomeric Chain

- Allows you to rotate, ligate, maintain, or consolidate spaces easily and quickly
- Available in 42 non-fading colors
- Not made with natural rubber latex to accommodate patient sensitivities
- Exceptional stretch and rebound
- Three sizes of filament (short, long, and continuous) allow usage with twin or single brackets, and upper and lower arches
- 15' (4.6 m) per spool



tip!

Stay organized by storing your favorite elastomerics in **MASEL**’s *convenient elastics dispensers!*

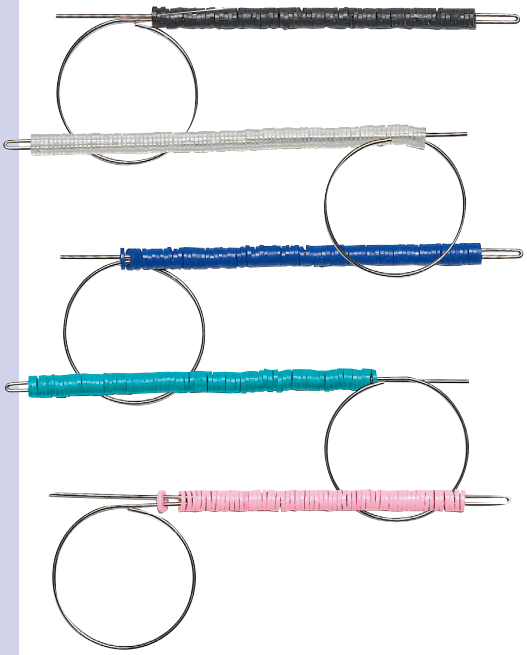
See page L11



MASEL's Elastics Color Chart




DESCRIPTION	UNICYCLES .120"	MINI UNICYCLES .120"	SHORT CHAIN	LONG CHAIN	CONTINUOUS CHAIN
Assorted	4119-892	—	—	—	—
Black	4119-869	4120-522	4108-533	4108-583	4108-548
Blue	4119-865	4120-523	4108-539	4108-589	4108-545
Burgundy	4119-845	4120-524	4108-605	4108-607	4108-606
Carolina Blue	4119-889	4120-525	4108-541	4108-557	4108-556
Clear	4119-874	4120-526	4108-538	4108-588	4108-544
Cobalt Blue	4119-904	4120-914	4108-520	4108-609	4108-608
Dark Blue	4119-848	4120-876	4108-619	4108-621	4108-620
Dark Gray	4119-860	—	4108-526	4108-576	4108-536
Glow Assortment	4119-592	—	—	—	—
Glow Blue	4119-520	—	—	—	—
Glow Bright Blue	4119-523	—	4108-474	4108-484	4108-494
Glow Green	4119-522	—	4108-473	4108-483	4108-493
Glow Natural	4119-526	4120-860	4108-471	4108-481	4108-491
Glow Pink	4119-519	—	—	—	—
Glow Purple	4119-524	—	4108-475	4108-485	4108-495
Gold	4119-861	4120-863	4108-592	—	—
Grape	4119-906	4120-864	4108-522	—	—
Gray	4119-852	—	4108-716	4108-718	4108-717
Green	4119-862	4120-866	4108-528	4108-578	4108-553
Jelly Blue	4119-883	—	4108-701	—	—
Jelly Green	4119-884	—	4108-702	—	—
Jelly Purple	4119-885	—	4108-703	—	—
Light Green	4119-844	4120-867	4108-618	4108-617	4108-616
Light Pink	4119-843	4120-869	4108-615	4108-614	4108-613
Metallic Blue	4119-850	4120-870	4108-713	4108-715	4108-714
Metallic Green	4119-849	4120-873	4108-710	4108-712	4108-711
Metallic Purple	4119-878	4120-918	4108-709	4108-789	4108-749
Metallic Red	4119-851	4120-874	4108-726	4108-728	4108-727
Neon Blue	4119-907	4120-877	4108-523	—	—
Neon Green	4119-888	4120-878	4108-706	4108-786	4108-746
Neon Pink	4119-886	4120-882	4108-704	4108-784	4108-744
Orange	4119-870	4120-883	4108-534	—	4108-549
Pearl	4119-909	4120-907	4108-595	4108-597	4108-596
Periwinkle	4119-840	4120-884	4108-610	4108-612	4108-611
Pink	4119-901	—	4108-600	4108-602	4108-601
Purple	4119-847	4120-885	4108-529	4108-527	4108-552
Raspberry	4119-905	4120-886	4108-521	—	4108-524
Red	4119-864	4120-887	4108-530	—	4108-551
Silver	4119-882	4120-888	4108-591	—	—
Sky Blue	4119-846	4120-906	4108-622	4108-624	4108-623
Smoke	4119-842	4120-901	4108-486	4108-488	4108-487
Teal	4119-867	4120-889	4108-531	—	—
Vanilla	4119-873	4120-892	4108-537	4108-587	4108-543
White	4119-903	4120-903	4108-505	—	4108-509
Yellow	4119-866	4120-904	4108-540	4108-590	4108-546



Ligating Modules on Canes

Not made with natural rubber latex

Because these ligatures are heat-cured, the result is better elasticity, color stability, and resiliency. Convenient and economical, pre-loaded eliminates the tedious, time-consuming task of loading canes.

- Clear and aesthetic colors to match ceramic or plastic brackets
- Bright colors give kids a bright smile
- 20 canes of 50 modules per pack, 1,000 modules total
- One color and size per pack

DESCRIPTION	.120" (3.05 MM)
Black	4108-363
Grey	4108-376
Azure	4108-381
Orthocosmetic	4108-387
Clear	4108-388
Bold Blue	4108-389
Pretty Pink	4108-391
Silver	4108-960

tip!

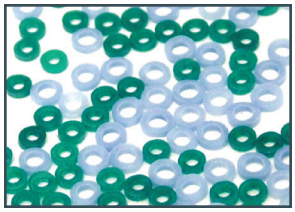
Speed up placing and tying ligatures with MASEL's stainless steel

Twirl-On Elastic Placing Instrument
Item No. 4150-974
See page M28



Separating Modules

Not made with natural rubber latex



MASEL separating modules have more active memory than molded types. They contract quickly once in place for faster separation.

- Absorption-free elastomeric resin
- 100 modules per pack

DESCRIPTION	COLOR	ITEM NO.
Anterior	Green	4108-800
Posterior	Blue	4108-810

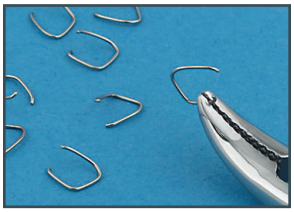
tip!

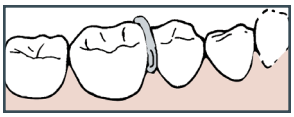
Curved Beak Module Separating Pliers
Item No. 4150-953
See page M27



Peak Separating Springs

Made from nickel titanium wire, our Peak Separating Springs will provide a stronger, yet gentler force than elastic separators over a longer, more continuous period of time. Once in place and compressed, the scissor-like action of the spring creates the desired space with minimal patient discomfort. May also be used to upright impacted molars.





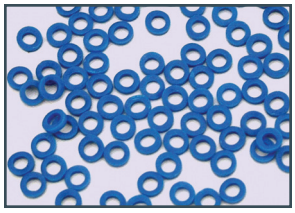
- Ideal for extremely tight contacts
- 25 of one size per pack

DESCRIPTION	SIDE X BASE	ITEM NO.
Small	5 mm x 4 mm	4107-460
Large	6 mm x 5 mm	4107-461

Radiopaque Separating Modules

Not made with natural rubber latex

MASEL radiopaque modules show up clearly on x-rays. Heat-cured elastic retains resiliency. Rapid contraction makes *MASEL* separators ideal for use before banding.

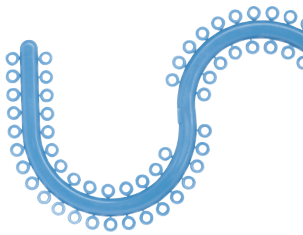


- Resists oral fluids and staining
- 1,000 modules per pack

ITEM NO.
4108-845

Quick Ring™ Separators

Not made with natural rubber latex



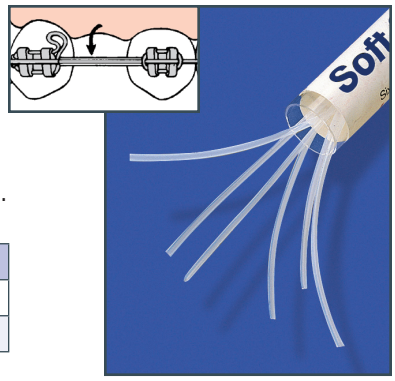
Each module is molded to a large, heavy supporting ring, which is easy to grasp with your hand. Modules stay put until they are removed with an instrument. Soft molded modules will not irritate soft tissue.

- 1,050 modules, 15 rings of 70 modules per pack

ITEM NO.
4108-720

Clear Soft Sleeve™ Tubing

Not made with natural rubber latex



Protects against wire breakage and distortion! The ideal protective cover, this clear, chemically-inert sleeve won't stain or retain odor, yet protects effectively against lacerations. Flexible material slides easily over archwires, and eliminates cheek irritation.

- Complete selection covers any archwire size
- Excellent at extraction sites
- For round or rectangular wires
- 18 10" lengths per tube

FITS WIRE ...	ITEM NO.
up to .020" (.51 mm)	4108-831
up to .025" (.64 mm)	4108-832



Tubing and Thread

Not made with natural rubber latex

Hollow Tubing

Knots stay tied because tubing crushes at the knot and remains firmly in place. Tubing is put through a special heat-curing process that extends elasticity for unsurpassed quality.

Hollow Tubing 25' (7.5 m) per spool

DESCRIPTION	.020" (.51 MM)	.025" (.64 MM)	.030" (.76 MM)
Clear	4108-440	4108-450	4108-460
Grey	4108-640	4108-650	4108-660

Solid Thread

Made from strong high-quality elastomeric resins. Won't unravel, absorb moisture or deteriorate. Fresh materials assure long shelf life.

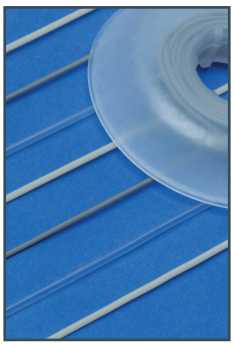
Solid Thread 25' (7.5 m) per spool

DESCRIPTION	.020" (.51 MM)	.025" (.64 MM)	.030" (.76 MM)
Clear	4108-120	4108-125	4108-130
Grey	4108-240	4108-250	4108-260

Archwire Sleeves

Not made with natural rubber latex

Use when spanning an extraction site or bypassing areas where teeth are not fully exposed. Protects wires against breakage and slides easily over archwire without snagging. All sizes are inside diameter. For lip bumpers or headgear use .045".



- 10' (3 m) per spool

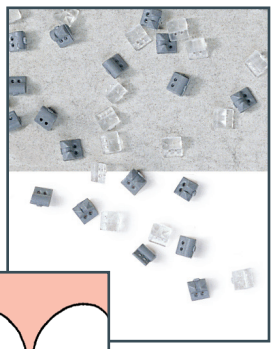
**To use properly, cut a piece and gently thread onto the wire while twisting the wire. Do not stretch the archwire sleeve. This is also the procedure when removing tubing from the wire.*

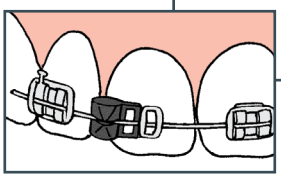
DESCRIPTION	.018" (.46 MM)	.027" (.69 MM)	.045" (1.14 MM)
Clear	4208-880	4208-879	4208-881
Grey	4208-884	4208-883	4208-882

Labial Rotation Wedges

Not made with natural rubber latex

Easy to ligate on bracket tie-wings. Snaps over bracket tie-wings and sits securely in a vertical direction. Wedge serves as a fulcrum between wire and bracket, allowing easy, accurate rotation. Made of polyurethane.





- 100 per pack

DESCRIPTION	SMALL	MEDIUM
Clear	4108-816	4108-836
Grey	4108-817	4108-837

HEADGEAR



Facemasks **G-3**
Facebows **G-5**
Lip Bumpers **G-7**
Safety Force Modules **G-7**
Neck Pads **G-8**

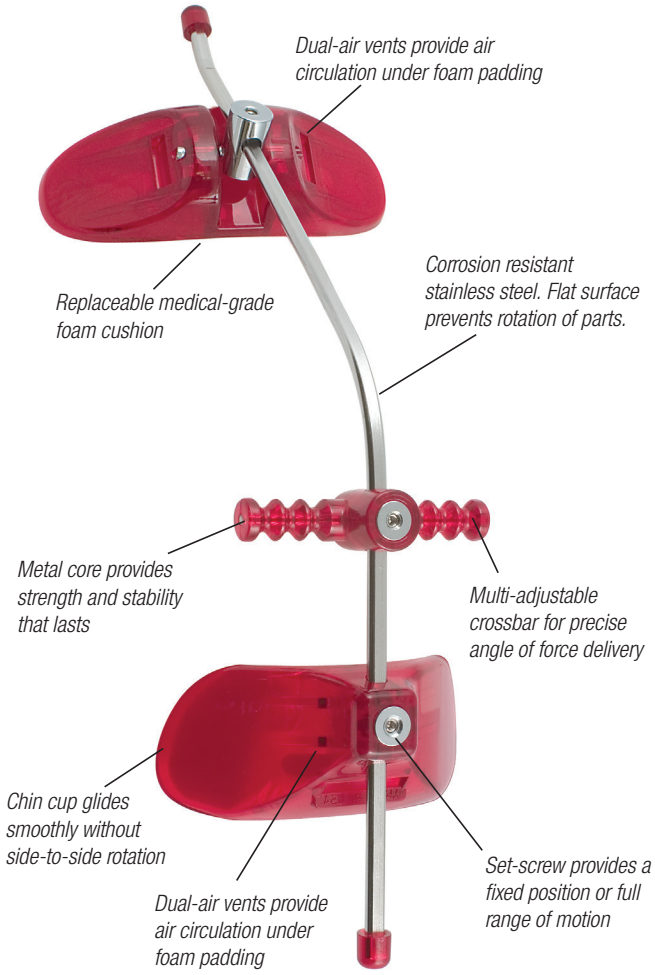
Multi-Adjustable Facemask

Features a forehead and chin rest with dual air vents for maximum comfort and air circulation. Chin cup can be adjusted for a fixed position or for full range of motion. Designed to distribute pressure evenly, allowing for significant range of motion without side-to-side rotation.

- Maximum patient comfort
- High impact molded plastic construction
- Lightweight and fully adjustable
- Perfect for patients that wear glasses
- Includes a free storage bag, two sets of replacement pads, and one hexagon key



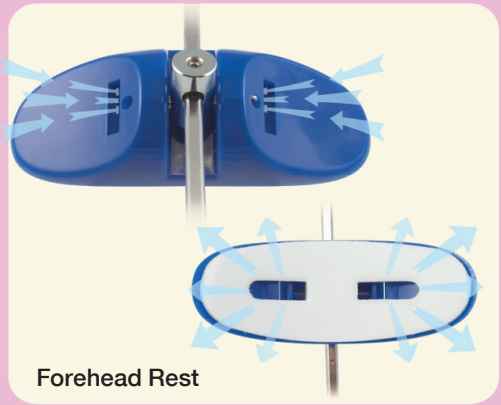


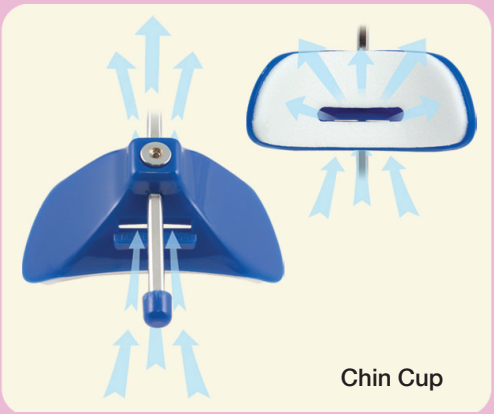


DESCRIPTION	ITEM NO.
Blue	3806-100
Red	3806-101
American Flag	3806-102
Pearl	3806-103
Replacement Pads and Key Kit (2 sets of pads and 1 hexagon key)	3806-120



FACEMASK FEATURES





Dual-Air Vents

Forehead rest and chin cup feature dual-air vents for maximum comfort and air circulation.



Motion Option

Sliding design allows for a dynamic range of motion without side-to-side rotation.

Reverse Pull Facemask

Especially suitable for the treatment of maxillary insufficiencies, mandibular prognathism, palatal schisis, and hinder-front tractions.

- Made from light weight stainless steel and plastic
- One size fits all; horizontally adjustable with key and vertically adjustable by bending wire
- Cushioned forehead and chin cup provides patient comfort
- Adjustment key and an extra set of pads included

DESCRIPTION	ITEM NO.
Gray	3806-611



Extraoral Latex Elastics



MASEL's Extraoral Elastics are perfect for any type of orthopedic facial mask. These elastics can be used for Hawley's with 3-3 hooks.

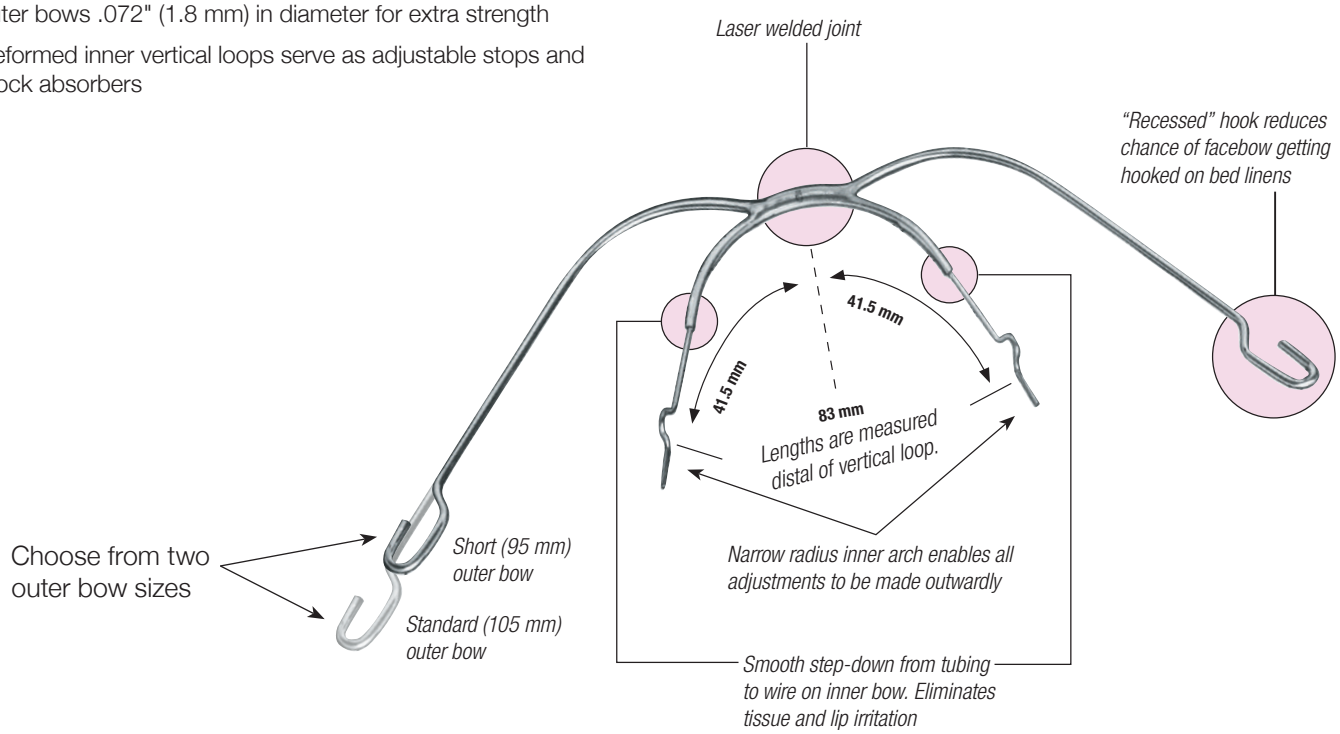
- 1,000 elastics per pack

INSIDE DIAMETER	8 OZ (227 G)	16 OZ (454 G)
¼" (6.35 mm)	5007-703	5007-803
5/16" (7.94 mm)	5007-704	5007-804
⅜" (9.53 mm)	5007-705	5007-805
½" (12.7 mm)	5007-706	5007-806

MASEL Facebows Give You Selection and Quality Features

Vertical Loop Facebows

- Laser welded joint is strong and durable
- Two outer bow sizes available:
  Short—95 mm and Standard—105 mm
- The inner bow is reinforced with tubing for higher strength
- Stress-relieving wire and rolling process prevents breakage distal to the vertical loop
- Outer bows .072" (1.8 mm) in diameter for extra strength
- Preformed inner vertical loops serve as adjustable stops and shock absorbers



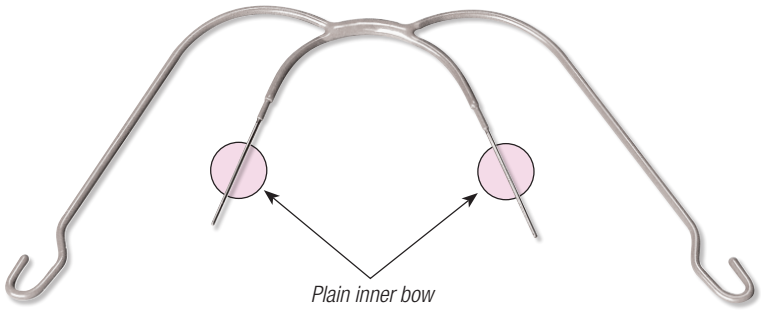
INNER BOW DIAMETER	SIZE NO.	LENGTH (MM)	ANG.	SHORT 95 MM OUTER BOW	STANDARD 105 MM OUTER BOW
.045" (1.1 mm)	1	83	0˚	3904-011	3904-031
.045" (1.1 mm)	2	90	0˚	3904-012	3904-032
.045" (1.1 mm)	3	97	0˚	3904-013	3904-033
.045" (1.1 mm)	4	104	0˚	3904-014	3904-034
.045" (1.1 mm)	5	111	0˚	3904-015	3904-035

Standard Facebows

Plain inner bow allows you the flexibility to make your own bends or loops.

- .072" (1.8 mm) diameter outer bow
- 1 per pack

INNER BOW DIAMETER	ANG.	SHORT 95 MM OUTER BOW	STANDARD 105 MM OUTER BOW
.045" (1.1 mm)	0˚	3904-016	3904-036



Plain inner bow

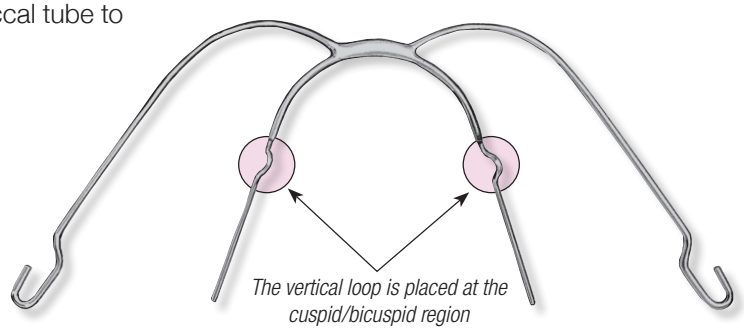
One-For-All™ Facebows

With this unique facebow, the vertical loop is moved to the cuspid/bicuspid region, where adjustments can easily be made. Simply make a bayonet-bend or add a v-bend mesial to the buccal tube to act as a stop.

- .072" (1.8 mm) diameter outer bow
- 1 per pack

Designed by Drs. Servoss and Bogdan, Bayonne, NJ.

INNER BOW DIAMETER	ANG.	STANDARD 105 MM OUTER BOW
.045" (1.1 mm)	0˚	3904-200
.051" (1.3 mm)	0˚	3906-200



The vertical loop is placed at the cuspid/bicuspid region

Facebow Bags

Help protect and keep your facebows clean with these convenient and colorful bags. Three colors to choose from.

- 9⅛" W x 6½" H (23.2 cm x 16.5 cm)

DESCRIPTION	ITEM NO.
Black	3804-512
Blue	3804-510
Purple	3804-514



tip!

Use these pliers for facebow adjustments:

To bend outer bow

Headgear Pliers
Item No. 4151-616
Page M24



To make adjustments

Three-Prong Lab Pliers
Item No. 4151-641
Page M25



Molded Lip Bumper

Distalize Molars Comfortably

The molded shape of this lip bumper eliminates impingement on the frenum and applies gentle force on the lip muscle to distalize, rotate, or upright molars. Smooth, molded coating protects inner lips. The .045" stainless steel wire inserts quickly and easily into buccal tubes. Long leg lip bumper provides ¼" (6.4 mm) of extra length for loops and bends.



- Regular Leg 1⅜" (35 mm)
- Long Leg 1⅝" (41 mm)
- 1 per pack

Regular Leg
1⅜" (35 mm)

DESCRIPTION	ITEM NO.
Iridescent Yellow	4001-330

Long Leg
1⅝" (41 mm)

DESCRIPTION	ITEM NO.
Orthocosmetic	4001-400

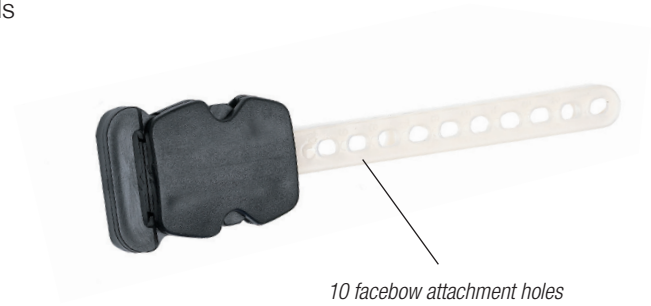
Longer style enables you to add more vertical loops to each side!

Safety Force Modules

When a facebow is pulled from the front, this device will release safely without injury to your patient, preventing a sling shot effect. Safety Force Modules are used with cervical cushions and high-pull straps, with two different force levels to choose from.

- 5 pairs per pack

DESCRIPTION	MEDIUM FORCE	HEAVY FORCE
Blue	3804-440	3804-450
Black	3804-441	3804-451



10 facebow attachment holes accommodate different patient sizes

Nitro Module Medium Force

STRAP MARK	AVERAGE GRAMS	AVERAGE OUNCES	AVERAGE POUNDS
1	225	8	0.50
2	315	11	0.70
3	391	14	0.87
4	472	17	1.05
5	575	21	1.28
6	671	24	1.50
7	762	27	1.70
8	879	31	1.96
9	1,101	39	2.46

Nitro Module Heavy Force

STRAP MARK	AVERAGE GRAMS	AVERAGE OUNCES	AVERAGE POUNDS
1	291	10	0.65
2	414	15	0.98
3	524	19	1.17
4	613	22	1.37
5	730	26	1.63
6	875	31	1.95
7	966	35	2.16
8	1,104	39	2.47
9	1,196	43	2.67
10	1,342	49	3.04

Count exposed strap marks here to know the force level being applied. (See charts left)

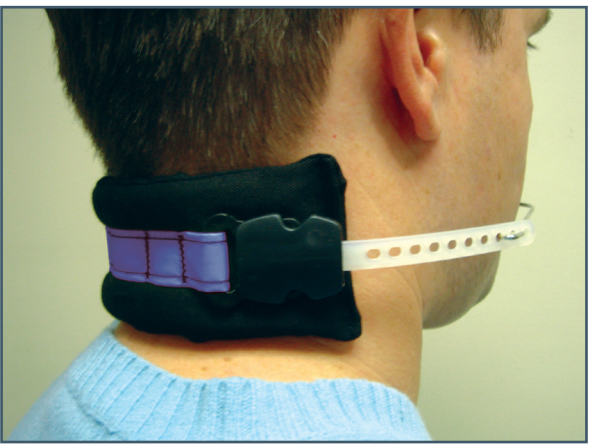


MASEL Colorful Neck Pads



These soft and comfortable neck pads are made of 100% cotton for comfort.

- ¾" (1.9 cm) loops
- 3¼" (8.3 cm) between loops
- 5 per pack



DESCRIPTION	ITEM NO.
Black with Blue Stripe	3804-380
Black with Pink Stripe	3804-381
Black with Teal Stripe	3804-382
Black with Purple Stripe	3804-384
Denim Blue	3804-385

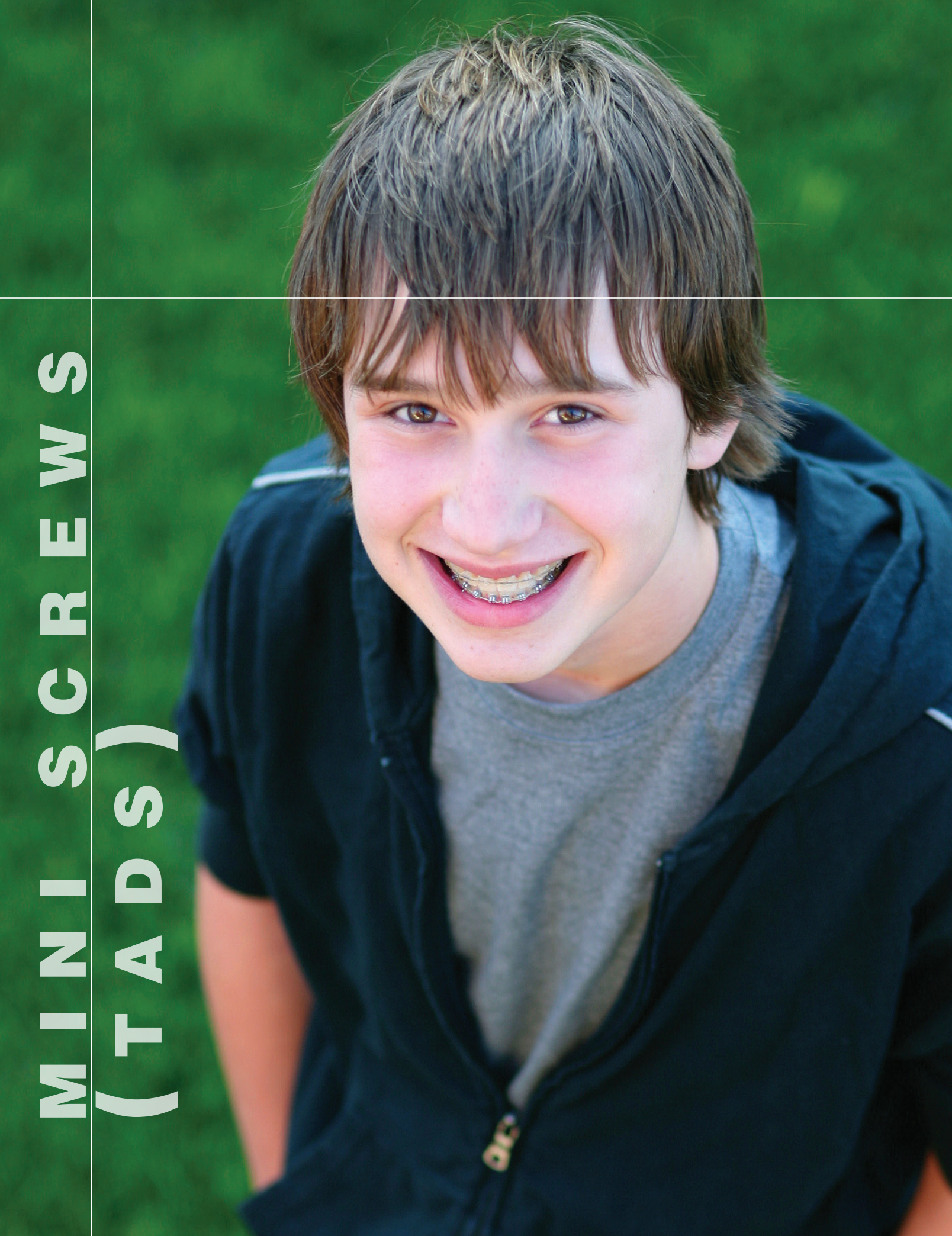
tip!

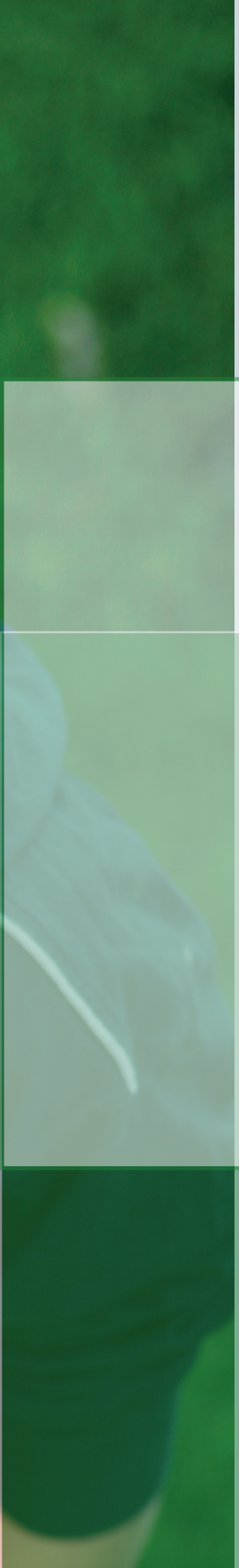
Use **MASEL's** *Choice Headgear Pliers to safely bend the toughest outer facebows. Solid stainless steel forging, short beaks, and triple head construction provide all the force you need.*

Item No. 4151-616
See page M24



MINI SCREWS (TADS)





Orlus Mini Implant System **H-3**
Mini Implant and Accessories **H-5**

Orlus Mini Implant System

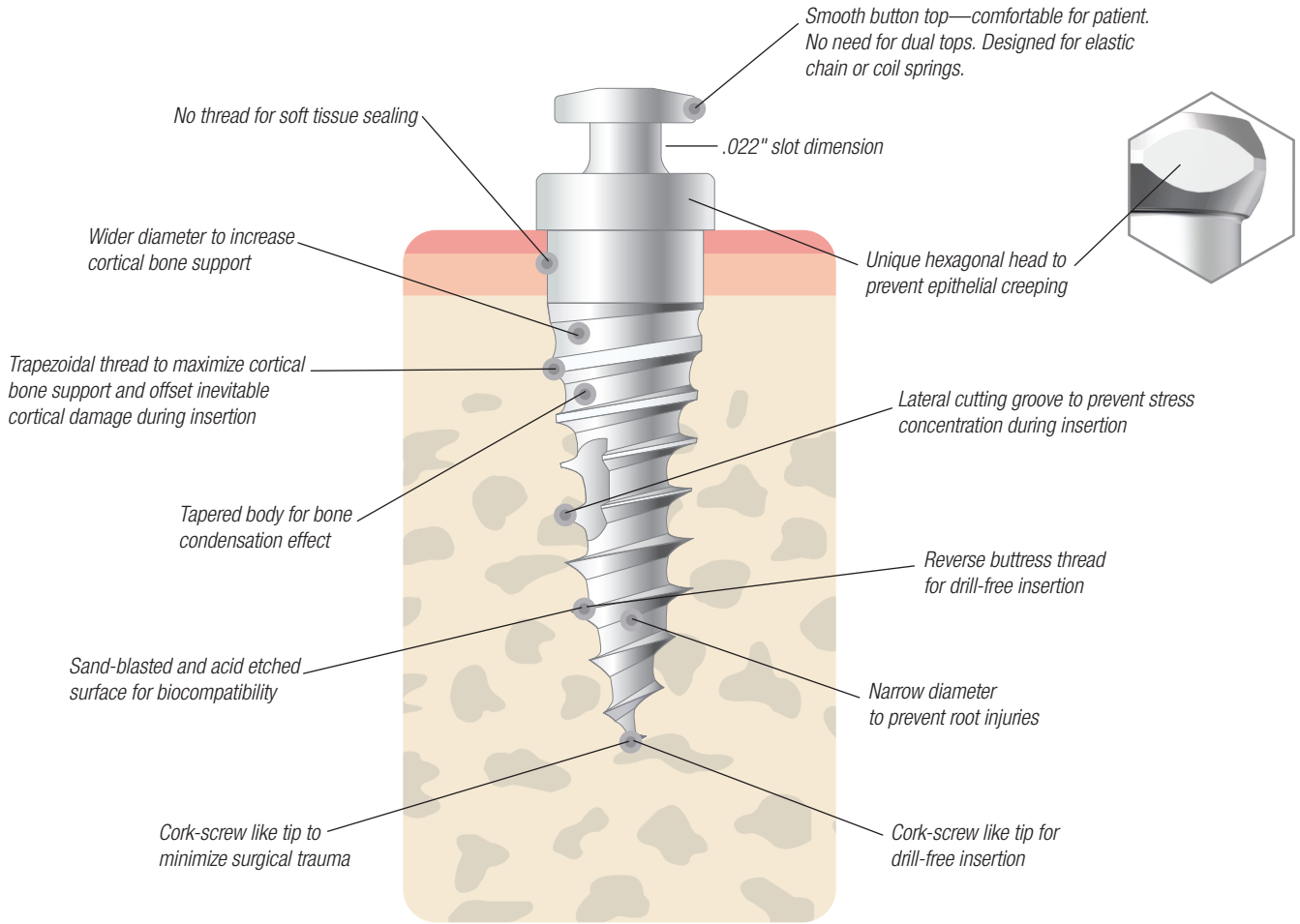
The Orlus Mini Implant* features a unique design that is easy to use and provides higher success rates than other implant systems. Its titanium-alloy composition ensures biocompatibility, making it an optimum choice for providing additional anchorage and facilitating tooth movement.

The Orlus Mini Implant features a tapered core that widens with height, and a dual thread that consists of trapezoidal threads in the cervical area and reverse buttress threads in the apical area. Because of this unique structure, it can be inserted to a greater depth, providing more support from cortical bone.

The screw tip has been carefully engineered to be perfectly centered, ensuring that your implant ends up exactly where you want it.

Designed For Enhanced Stability and Clinical Efficiency

- Not technique dependent
- Not site dependent
- Minimizes the influence of bone dependent conditions to improve success rate
- Thousands of completed clinical cases, providing significant backup research
- Minimizes the influence of operator skills to improve success rate

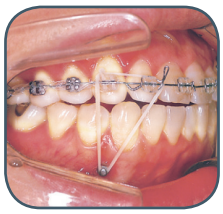


*Orlus Mini Implant System is available for shipment/distribution in the United States only.



Easy to use for a wide variety of applications.

Pre-drilling and making a flap is not necessary. Immediate loading is possible.





In addition to the use of intra-arch applications, inter-maxillary elastic applications are also practical.



An extension arm is bonded to Orlus Implants for the scissor bite correction.

There is a .022" size structure under the button.



This space can be used for placement of the orthodontic wire.



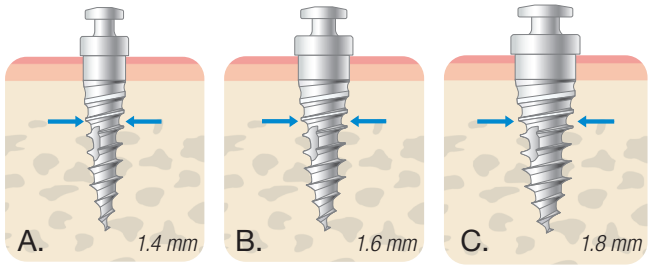
The wire can be attached to the implant and tooth with flowable resins.



Gives the individual tooth three-dimensional anchorage.

Specifications and System Options

Select from three available widths, depending on amount of bone, and quality of bone.

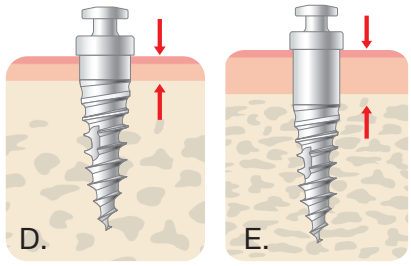


A. **Mini type:** Where abundant space is not available, such as at the anterior alveolus.

B. **Regular type:** Used in general areas where the bone quality is adequate.

C. **Wide type:** Used in general areas, and in areas of inadequate bone quality.

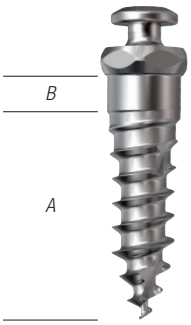
Select from three available lengths depending on soft tissue thickness.



D. **Regular type:** Used in general areas where the soft tissue is not thick.

E. **Long type:** Designed for the site where the soft tissue is thick, such as palatal alveolus area. This can be used for the site where the soft tissue is movable to expose the head sufficiently.

**Orlus Mini Implant System is available for shipment/distribution in the United States only.*



Refer to A and B in chart to right.

Orlus Mini Screws (2 per pack)

DESCRIPTION	DIAMETER DIMENSIONS A x B	LENGTH B + A	ITEM NO.
Anterior Alveolus	1.4 x 1.6 mm	1.0+6.0 mm	3400-114
Mx/Mn Labial Area, Mx/Mn Buccal Area, Midpalatal Suture Area	1.6 x 1.9 mm	1.0+6.0 mm	3400-101
Buccal Shelf, Retromolar Area, Palatal Alveolus Area	1.6 x 1.9 mm	2.0+6.0 mm	3400-102
Mx/Mn Buccal Area	1.8 x 2.2 mm	1.0+5.0 mm	3400-103
Mx/Mn Buccal Area	1.8 x 2.2 mm	1.0+6.0 mm	3400-104
Buccal Shelf, Retromolar Area, Palatal Alveolus Area	1.8 x 2.2 mm	2.0+6.0 mm	3400-105
For 3-4 mm Thick Soft Tissue	1.8 x 2.2 mm	3.0+6.0 mm	3400-106

Each mini implant is sterilized and packaged in individual tubes. Mini implants are non-returnable.

Orlus Surgical Driver Tips

Standard driver tips for indirect implantation. Used with contra angle hand driver.

DESCRIPTION	ITEM NO.
Short Driver Tip	3400-109
Long Driver Tip	3400-110



Orlus Surgical Hand Pre-Drill Tips

Used to minimize surgical trauma during implantation and to prevent root injuries.

- Short surgical pre-drill tip is used with contra angle hand driver in palatal alveolus area.
- Long surgical pre-drill tip is used with contra angle hand driver in midpalatal area.



DESCRIPTION	DIMENSIONS	ITEM NO.
Short Surgical Pre-Drill Tip	ø±1.05 x 2.0 x 24.7 mm	3400-112
Long Surgical Pre-Drill Tip	ø±1.05 x 2.0 x 34.7 mm	3400-113

Contra Angle Hand Driver Handle

Angle allows access to hard-to-reach areas.

ITEM NO.
3400-125



Variable Force Coil Springs

Specially-sized eyelets for use with Orlus Implants.

- 3 per pack

DIMENSIONS	ITEM NO.
6 mm (10 x 30)	3400-116
9 mm (10 x 30)	3400-117
12 mm (10 x 30)	3400-118



MASEL provides coil springs specially made to fit Orlus Mini Implants.

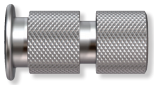
**Orlus Mini Implant System is available for shipment/distribution in the United States only.*

Orlus Standard Hand Driver Handle



ITEM NO.
3400-107

Orlus Small Hand Driver Handle



ITEM NO.
3400-122

Orlus Standard Hand Driver Tip



ITEM NO.
3400-108

Orlus Small Hand Driver Tip



ITEM NO.
3400-123

Orlus Surgical Hand Pre-Drill Tip

Use with standard hand driver for direct implantation. Designed to minimize surgical trauma and prevent root injuries.



DESCRIPTION	DIMENSIONS	ITEM NO.
Surgical Hand Pre-Drill Tip	ø±1.05 x 2.0 x 64.4 mm	3400-111

Orlus Autoclavable Container

Housing unit for complete system.

ITEM NO.
3400-115



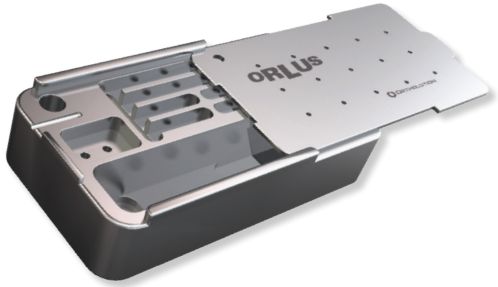
Standard Hand Driver Kit





Kit includes:

- *1 Standard Hand Driver Handle*
- *1 Standard Hand Driver Tip*
- *1 Surgical Hand Pre-Drill Tip*
- *1 Autoclavable Container*



ITEM NO.
3400-119

**Orlus Mini Implant System is available for shipment/distribution in the United States only.*



LAB SUPPLIES



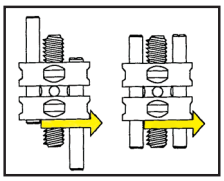
Expansion Screws **I-3**
Accessories **I-7**
Acrylics **I-9**
Clasps **I-11**
Labial Archwires **I-12**
Burs **I-13**
Caliper **I-13**
Lab Wire **I-14**
Soldering Supplies **I-15**
Impression and Model Materials **I-16**
Lab Pliers and Cutters **I-17**

Expansion Screws

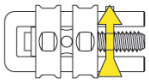
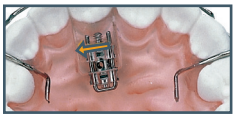
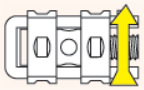
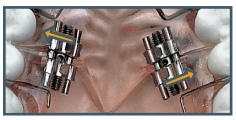
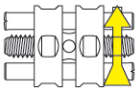
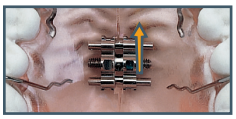
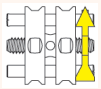
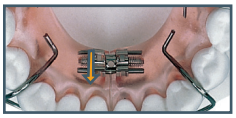
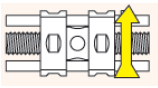
MASEL's high-quality expansion screws, made of the best materials available and precision-machined to extremely tight tolerances, deliver the full range of expansion. Our wide assortment of removable appliances includes rugged, *Leone*® 100% surgical-grade stainless steel *Expansors*™ and a full line of removable expansion screws. We also offer a selection of fixed appliances, including *Leone* straight-arm *Expansors* and bent-arm expansion screws. Accessories include our popular arm-bending tool, replacement keys, *Herbst*® appliances and preformed coffin springs.

Leone Expansors for Removable Appliances

- 100% Swedish surgical-grade stainless steel
- Includes stainless steel activation key
- Yellow plastic arrow indicates opening direction
- 10 per pack



Schwarz-type expansion features movable guide pins, which increase the amount of expansion to 2 mm total.

	APPLICATION	DESCRIPTION	MAXIMUM EXPANSION	ONE COMPLETE TURN	BODY LENGTH	ITEM NO.
	Classical shape for movement of sectors	Micro Sectional *Expansor*— Upper	6 mm	0.4 mm	 14 mm	4109-711
	For use as a sectional screw and for movement of single teeth Highly stable	Super Micro Sectional *Expansor*	3 mm	0.35 mm	 9 mm	4109-716
	For universal use in upper and lower appliances Also for sector movements	Medium *Expansor*	9 mm	0.8 mm	 14 mm	4109-721
	For universal use in upper and lower appliances Also for sector movements	Standard *Expansor*	7 mm	0.8 mm	 14 mm	4109-722
	Small dimensions are perfect for areas where only slight movement is required	Super Micro *Expansor*	6 mm	0.7 mm	 11 mm	4109-723



tip!

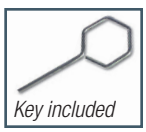
Super strong, super hard, and ideal for functional appliances

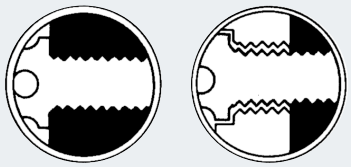
Ultracryl II™ Acrylics
See page I9

Leone is a registered trademark of American Tooth Industries.

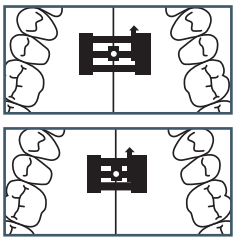
Leone Stainless Steel Expansors with Acrylic Friction and Muscle Thread™

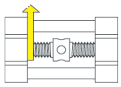
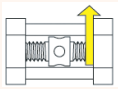
- Made of 100% Swedish surgical-grade stainless steel
- *Expansors* are provided with a plastic retention tab for easy placement into the palate and protection during acrylic application
- All expansors are supplied with key and marking arrows
- All are guaranteed against corrosion in the oral cavity
- 10 per pack





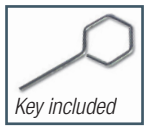
Specifically designed for pressure curing, Leone's construction technique assures non-slippage and extremely precise movement on the guide pins for excellent stability.



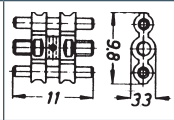
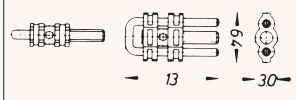
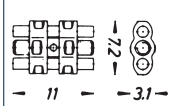
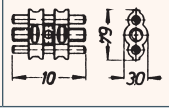
APPLICATION	DESCRIPTION	MAXIMUM EXPANSION	ONE COMPLETE TURN	DIMENSIONS	ITEM NO.
Very sturdy expansor for palates where high expansion capacity is required	*Expansor* with acrylic friction for upper appliances	7 mm	0.8 mm	 15 mm	4109-719
For narrower palates and lower plates	Micro sectional *Expansor* 6 mm—upper	5 mm	0.8 mm	 11 mm	4109-718

Removable Appliance Expansion Screws

Top quality construction is evident in every facet of these rugged, compact expansion screws

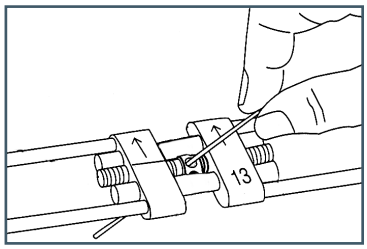


- Precision engineering with the finest 100% stainless steel guarantees a first-class result
- Supplied with a plastic tab for easy mounting—snaps off after appliance is made
- Patented design guarantees full torsion stability and provides a firm anchor when the screw is completely expanded
- Can be pre-adjusted using special guide pins
- One key is supplied with every screw
- Minimizes reversing out
- Each turn equals 0.8 mm expansion
- Heavy duty .059" (1.5 mm) diameter stainless steel anchor arms solder easily onto bands
- 10 per pack

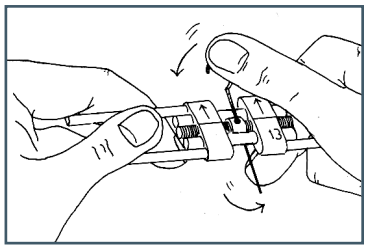
APPLICATION	DESCRIPTION	MAXIMUM EXPANSION	ONE COMPLETE TURN	DIMENSIONS	ITEM NO.
Bionator orthopedic corrector upper and lower Schwarz	Medium, double-guided, palatal expansion screw	7 mm	0.8 mm		4109-142
Lower saggital orthopedic corrector	Sector expansion screw, straight	5 mm	0.8 mm		4109-144
Transversal or distal applications for mandible or maxilla	Double-guided sliding pins, ultra compact	7 mm	0.8 mm		4109-147
Bionator orthopedic corrector lower Schwarz	Double-guided palatal expansion screw	5 mm	0.8 mm		4109-149

Leone Expansor Series for Fixed Appliances

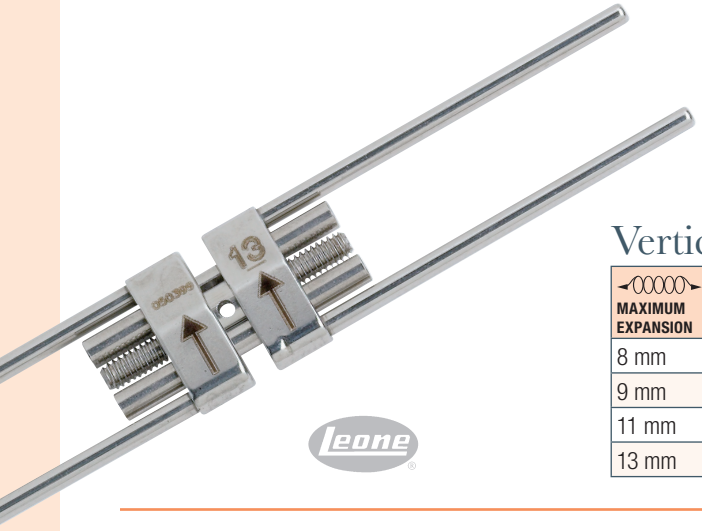
Leone's fixed appliance *Expansors* are the only hygienic rapid palatal expansors made from 100% surgical grade stainless steel. And now, *Leone's* new laser lightning welding process improves upon an already great *Expansor* appliance.



Laser welding of the extension arms into the body of the *Expansor* creates a solderless bond that eliminates oxidation and corrosion in the oral environment. The final laser welded *Expansor's* arm and body literally fuse together forming a single *Expansor* housing. This single construction is completely smooth and eliminates any chance of plaque build up in secluded areas. Batch numbers, directional arrows and expander sizings are laser etched into the palatal expansor, facilitating use and accuracy of patient records.



- Welding of the arms into the *Expansor* is done without solder, eliminating oxidation and corrosion in the oral environment
- Specially designed activation holes stop key from accidentally hitting the palate
- Directional arrows, expander sizings, and batch numbers are permanently laser etched into the surface



Vertical Arm Expansion Screws

MAXIMUM EXPANSION	WIDTH	HEIGHT	ONE COMPLETE TURN	ARM DIAMETER	BODY LENGTH	ACTIVATION TURNS	ITEM NO.
8 mm	11 mm	3.5 mm	0.8 mm	1.5 mm	12 mm	35	4109-495
9 mm	11 mm	3.5 mm	0.8 mm	1.5 mm	14 mm	40	4109-395
11 mm	11 mm	3.5 mm	0.8 mm	1.5 mm	15 mm	50	4109-295
13 mm	11 mm	3.5 mm	0.8 mm	1.5 mm	18 mm	60	4109-195



½ Palatal Expansion Screw

MAXIMUM EXPANSION	WIDTH	HEIGHT	ONE COMPLETE TURN	ARM DIAMETER	BODY LENGTH	ACTIVATION TURNS	ITEM NO.
8 mm	7.5 mm	4 mm	0.8 mm	1.5 mm	12 mm	35	4109-193
11 mm	7.5 mm	4 mm	0.11 mm	1.5 mm	15 mm	50	4109-194

Grum-Rax/RPE 3D Expansion Screw

9 mm

Dr. Duane Grummons' prescription for non-extraction innovation

Many expansion appliance designs and innovations have occurred during the past 10 years. The Grum-Rax 3D RPE and preformed expansion screw are cutting-edge advances in the efficiency and technology of arch development and non-extraction approaches.



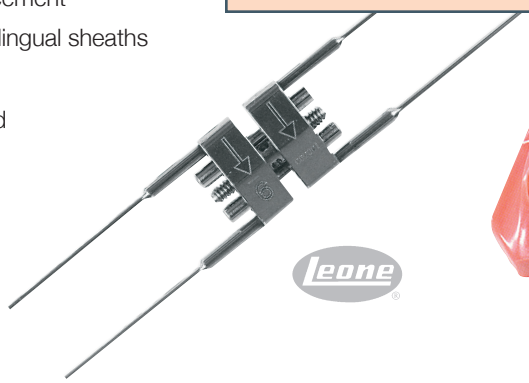
Duane Grummons, D.D.S.

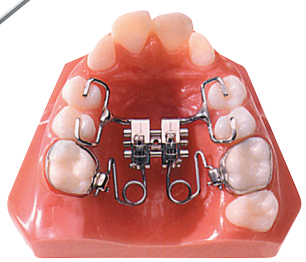
Dr. Duane Grummons is recognized for his innovative approaches to facial orthopedic, TMD, and orthodontic treatment. He has authored a textbook and articles regarding non-extraction innovations, frontal analysis and facial aesthetics. He practices specialty orthodontics in Spokane, WA, and has been in private practice for over 30 years.

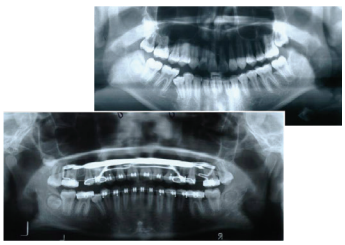
Dr. Grummons is a diplomate of the American Board of Orthodontics and a board member of the Foundation for Orthodontic Research.

Reasons to utilize the Grum-Rax 3D maxillary expander:

- Appliance placement can occur in just one visit
- Arms are downsized for easy bending and occlusal placement
- Arms are made to sit on occlusal surface and slide into lingual sheaths
- Transverse development is exceptional
- Molar rotation and distalization are comfortably achieved
- Uncomplicated removal







Some additional benefits include:

- Facial and dental harmony—width of smile fills buccal corridors with the best lip support
- Patients and parents prefer this method, with less time in braces, less treatment time, and less visits
- Periodontal advantages exist since tissues tolerate this approach well
- Functional occlusion becomes optimal
- Smile harmony results are typically superior with non-extraction in the upper arch

MAXIMUM EXPANSION	ONE COMPLETE TURN	ACTIVATION TURNS	ITEM NO.
9 mm	0.8 mm	40	4109-727



Leone ExpaBent™ Rapida Bent Arm Expansion Screw

Pre-bent arms feature anatomical precision angulation. This results in a nearly precise fit for every patient, saving valuable fabrication time.

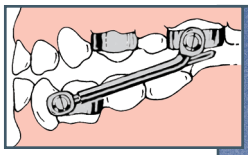
- Fabricated with *Muscle Thread* for precision, resulting in thread that is free from nicks and burrs
- Arms are laser-welded into the body, eliminating any possibility of arms breaking away from body
- Three expansion widths available: 9 mm, 11 mm, and 13 mm
- Includes a straight and 45° key safety leash

MAXIMUM EXPANSION	ONE COMPLETE TURN	ACTIVATION TURNS	ITEM NO.
9 mm	0.8 mm	40	4109-192
11 mm	0.8 mm	50	4109-191
13 mm	0.8 mm	60	4109-190

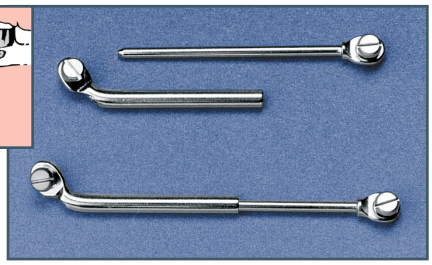
Herbst Appliance

Attach appliance to heavy bands at the upper molars and lower premolars. Piston action works every time the jaws move. Within six months, a Class I dental relationship is achieved.

- Works for both permanent and mixed dentition
- Can be soldered to bands, or fabricated with acrylic
- Requires no re-adjustment
- For single patient use



One set includes right and left sides



Herbst is a registered trademark of Dentaurum, Inc.

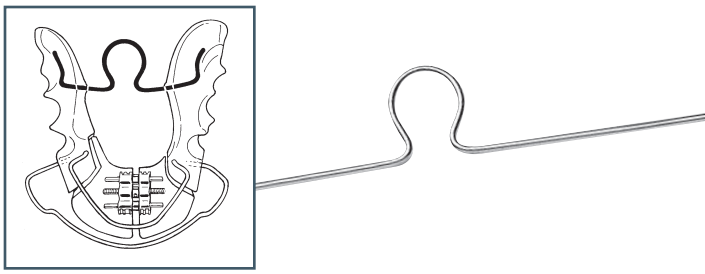
ITEM NO.
4624-001

Preformed Coffin Springs

Preformed coffin wire requires little contouring and fits into your appliances in minutes. Preformed loop assists in easy adjustments. Made of the highest quality .045" stainless steel wire.

- 10 per pack

DESCRIPTION	ITEM NO.
Standard, 10 mm	4065-030



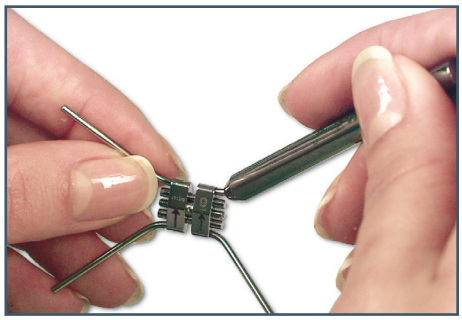
4½" (11.4 cm) overall length—measured at the widest outside point of loop

Leone Arm Bending Instrument



Bend fixed expansion appliance arms easily. This tool provides the control and strength to adapt to any palate. Unlike most pliers, this stainless steel instrument bends without nicking wire. Dry heat and autoclavable compatible. Bends up to .059".

ITEM NO.
4109-093



Leone Activation Key

The *Leone* Activation Key is recommended for use with all expansion screws. It is simple to use and eliminates the need for safety cords and strings. The unique design features and offset insertion tip to prevent over-seating screws. When the key travels near full-activation, a high resistance “bump” is felt just before the full activation stop is reached. This positive “pressure-sensing” design lets the parent and patient know precisely when a proper activation turn has been completed.

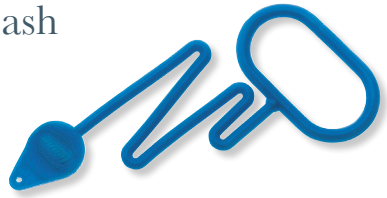
- 10 per pack

ITEM NO.
4109-204



Safety Leash

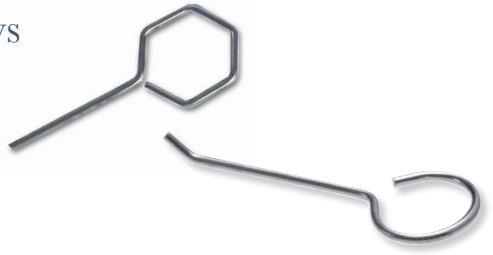
ITEM NO.
4109-301

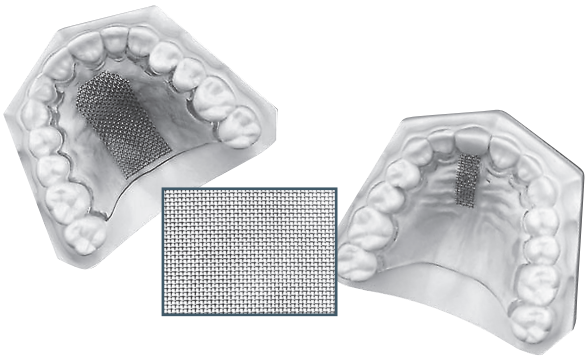


Replacement Keys

- 25 per pack

DESCRIPTION	ITEM NO.
Straight Key	4109-201
45° Key	4109-203





Stainless Steel Wire Mesh

Reinforce and repair all retainer appliances. Large hole design permits acrylic to saturate mesh fully. It holds appliances together in the event of breakage. Cuts easily with sharp scissors.

- 6" x 6" (15.2 cm x 15.2 cm)

DESCRIPTION	ITEM NO.
Regular	2060-080
Extra Fine	2060-100

Lingual Bars

Preformed stainless steel lingual bars can be used for fabricating Gelb TMJ splints, bruxism appliances, lingual arches, partial dentures, cross palatal molar stabilization, and Dr. Woodside's posterior block.



DESCRIPTION	ITEM NO.
X-Small	2040-200
Small	2040-201
Medium	2040-202
Large	2040-203
X-Large	2040-204

Lingual Bar Kit

Kit includes:

- *30 lingual bars: 6 small, 9 medium, 9 large, and 6 extra-large*

ITEM NO.
2040-100





Appliance Strengtheners

Twisted-wire cable reinforcing strengtheners prevent mandibular appliance breakage. They add strength to the appliance when embedded into acrylic.

- Ready to use, pre-cut lengths 3½" long (8.9 cm)
- Durable stainless steel
- .045" diameter (1.14 mm)
- 36 per pack

ITEM NO.
2061-284

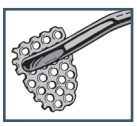
Light-Cure Lingual Retainers

Because you never have a totally dry field in the mouth, you need a bond that works the first time—every time. Multi-perforated pads give light cure adhesive maximum exposure for a quick, secure bond. Durable, yet easy to contour.

- Fabricated from .030" wire
- Sizes are measured distal of cuspid to distal of cuspid
- 5 per pack

SIZE	MEASUREMENT	ITEM NO.
0	24 mm	4618-410
1	25 mm	4618-411
2	26 mm	4618-412
3	27 mm	4618-413
4	28 mm	4618-414
5	29 mm	4618-415
6	30 mm	4618-416





Detail of bonding pad

ULTRACRYL II

Improved formula for superior strength and hardness for fog-free, transparent appliances

ULTRACRYL II Orthodontic acrylic is a cadmium-free, extra-fine acrylic, which allows for controlled placement of the powder for a non-slumping build-up. When used with the high clarity liquid, which is cross-linked and non-yellowing, *ULTRACRYL II* is absolutely clear, without the haziness or opacity commonly seen in other brands of orthodontic acrylic.

> *"The new acrylic that you sent me (ULTRACRYL II) is absolutely wonderful! It has many advantages over the previous version. I found the pouring and trimming to be easier and faster, as well as the polishing to be better and faster. By all means, ULTRACRYL II is a superior product. Please confirm in your records that I would like to receive the ULTRACRYL II from now on."*
>
> *John Cacovean*
> *John Cacovean Orthodontic Laboratory*

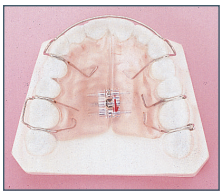
- Available in crystal clear and transparent pink
- Quick-cure cold polymerizing pressurization for 20 minutes at 30 psi (2 bars) for final hardness
- Shelf life is 5 years if unopened, 1 year if opened
- Super-strong mix will not break, scar, or scuff easily
- Works well with our *Electrik* color and glitter products
- For best results, do not mix with other acrylic brands

Ultracryl II Liquid*

DESCRIPTION	ITEM NO.
Pink, 1 qt	2030-510
Clear, 1 qt	2030-512

Ultracryl II Powder

DESCRIPTION	ITEM NO.
Powder, 1 lb	2030-501
Powder, 5 lbs	2030-505



Pink



Clear

Requires hazardous materials shipping. Liquid products are not returnable.

*Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.



AcryLux® 1000

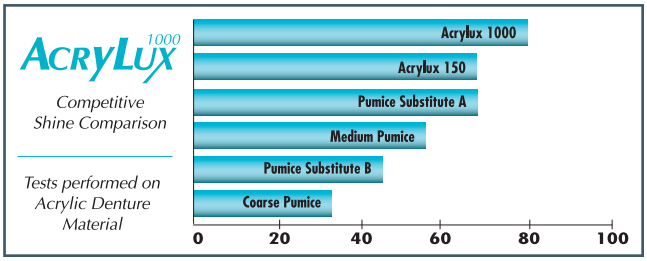
The preferred way to polish acrylic appliances



AcryLux 1000 significantly outperforms all other abrasives for rapid polishing. It takes minimal physical effort to obtain a lustrous finish and produces the highest shine possible.

- Nothing is faster for high-speed polishing; 2-5 times faster than medium- and fine-grade pumice and pumice substitutes
- More gentle on hands than pumice, plus faster polish time reduces the possibility of hand fatigue
- Crystalline and silica-free, unlike most pumice substitutes
- For best results, appliance should barely touch the rag wheel

DESCRIPTION	ITEM NO.
Powder, 2 lbs	2033-015



Electrik Neon and Glow Ultracryl II Powder

Fun and flashy retainers made from *MASEL's* Neon *Ultracryl II* and Glow-In-The-Dark *Ultracryl II* help keep patients compliant. Patients can choose from a variety of intense colors—Neon Orange, Red, Purple, or Glow. But, there's more to *Ultracryl II* than color alone—polymer and monomer combine to make a strong, durable retainer.

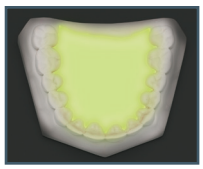
- Bottle, 4 oz (113.4 g)



Red



Purple



Glow

DESCRIPTION	ITEM NO.
Red	2032-463
Purple	2032-465
Glow	2032-464



Electrik Glitter Additive

Add it to your powder or sprinkle into acrylic before setting. Squeeze bottle with fine nozzle eliminates waste and allows you to create individual designs.

- Mix 5 squeezes of glitter with 2 oz of regular polymer, then use like regular acrylic
- Bottle, 2 oz (56.7 g)







DESCRIPTION	ITEM NO.
Silver	2032-300
Gold	2032-311
Red	2032-312
Blue	2032-313
Confetti	2032-320

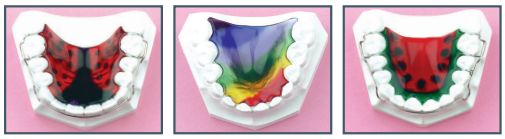


Electrik Color Concentrate*



Patients can design an appliance as distinct and individual as their own personality.

- Ideal conclusion for patients preferring colored accessories during treatment
- Mix 6 parts color to 94 parts clear monomer. Shake well, then salt and pepper. Use our *Ultracryl II* liquid.
- Color can be adjusted darker by adding more color concentrate or lighter by adding more clear monomer
- Bottle, 2 oz (60 ml)



DESCRIPTION	ITEM NO.
Electrik Red	2032-103
Electrik Blue	2032-104
Electrik Yellow	2032-105
Electrik Blaze	2032-106
Emerald Green	2032-107
Electrik Violet	2032-108
Electrik Orange	2032-109

Color concentrate to be added to clear Ultracryl II liquid or other methylmethacrylate base clear acrylic. Liquid products are not returnable.

*Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.

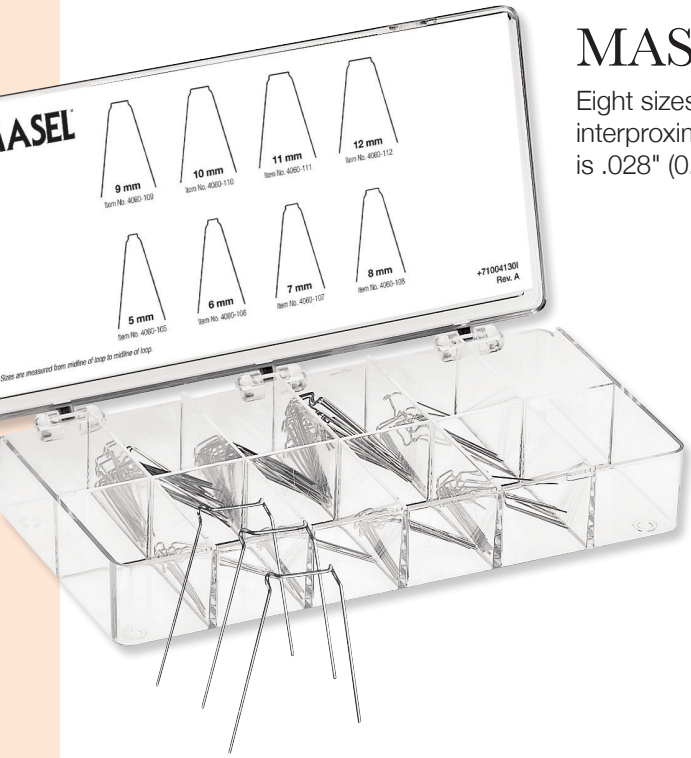
Acrylic Mixing Cups

Messy acrylic cleanups are now a thing of the past. Even if acrylic material sets, it will not stick to these soft, flexible mixing cups.

- 2 cups per pack, 15 ml each

ITEM NO.
2034-040





MASEL Adams Clasps

Eight sizes are available for bicuspids and molars. Angled loop provides excellent interproximal grippage without interfering with adjacent teeth. Clasp wire diameter is .028" (0.71 mm) stress-relieved stainless steel.

Adams Clasps Starter Kit

- 100 per kit

Kit includes:

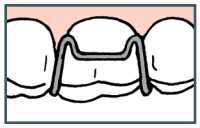
- *5 clasps, 5 mm*
- *5 clasps, 6 mm*
- *8 clasps, 7 mm*
- *10 clasps, 8 mm*
- *22 clasps, 9 mm*
- *22 clasps, 10 mm*
- *20 clasps, 11 mm*
- *8 clasps, 12 mm*

ITEM NO.
4060-001

Adams Clasps Replacements

- 100 per pack

INCHES	MM	ITEM NO.
.20	5	4060-105
.24	6	4060-106
.28	7	4060-107
.31	8	4060-108
.35	9	4060-109
.39	10	4060-110
.43	11	4060-111
.47	12	4060-112



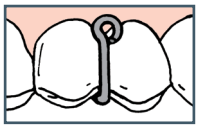
Sizes are measured from midline of loop to midline of loop

MASEL Arrowhead Clasps

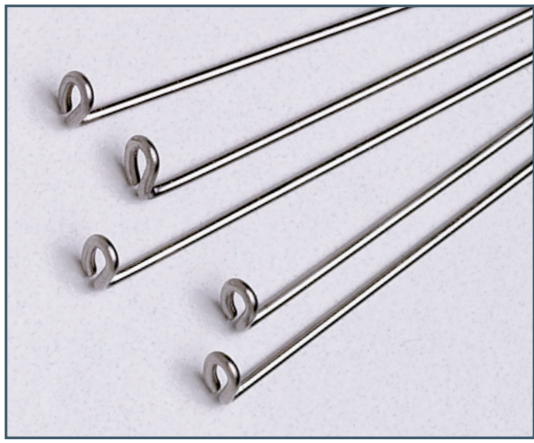
Superior Retention For Wide Embrasures

Teardrop head design has short wire tucked under loop, assuring less chance of tissue irritation. It provides exact interproximal contour and superior retention in cases with wide interproximal separations. 1½" long (3.8 cm).

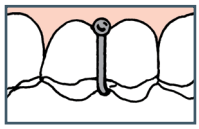
- 100 per pack



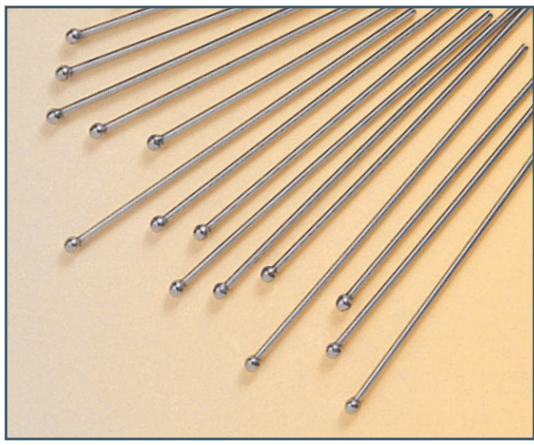
INCHES	MM	ITEM NO.
.028	0.7	4059-028
.032	0.8	4059-032



MASEL Ball Clasps



INCHES	MM	ITEM NO.
.028	0.7	4061-028
.032	0.8	4061-032
.036	0.9	4061-036



Labial Archwire Retainers

Available in a variety of sizes to fit your treatment needs. The arch sizes are measured in the anterior section from outer loop to outer loop and range in size from 1½" to 2⅜". Maxillary and mandibular archwires come in regular and small loop styles in both .028" and .032" diameters.

- 12 per pack

Labial Archwires

WITH SMALL LOOPS					WITH REGULAR LOOPS		
SIZE	.028" UPPER	.028" LOWER	.032" UPPER	.032" LOWER	SIZE	.028" UPPER	.032" UPPER
1½"	—	4620-559	—	4620-759	1½"	—	—
1 9/16"	—	4620-561	—	4620-761	1 9/16"	—	—
1 5/8"	—	4620-563	—	4620-763	1 5/8"	—	—
1 11/16"	—	4620-565	—	4620-765	1 11/16"	—	4620-407
1¾"	—	4620-567	—	4620-767	1¾"	—	4620-409
1 13/16"	—	4620-569	—	—	1 13/16"	4620-211	—
1⅞"	4620-113	4620-571	—	—	1⅞"	4620-213	4620-413
1 15/16"	4620-115	—	—	—	1 15/16"	4620-215	4620-415
2"	4620-117	—	—	—	2"	4620-217	4620-417
2 1/16"	4620-119	—	4620-319	—	2 1/16"	4620-219	4620-419
2⅛"	4620-121	—	4620-321	—	2⅛"	4620-221	4620-421
2 3/16"	4620-123	—	4620-323	—	2 3/16"	4620-223	4620-423
2¼"	4620-125	—	4620-325	—	2¼"	4620-225	4620-425
2 5/16"	4620-127	—	—	—	2 5/16"	4620-227	4620-427
2⅜"	4620-129	—	—	—	2⅜"	4620-229	4620-429

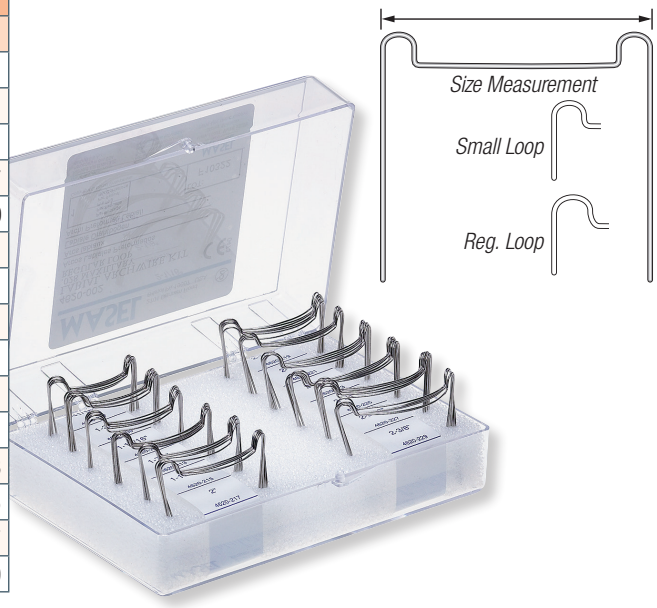
Maxillary Labial Archwire Kit

Kit features the most popular sizes of the .028" diameter labial archwires with regular loops.

Kit includes:

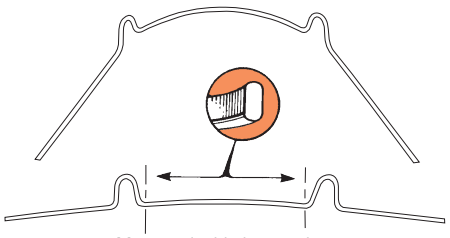
- *72 archwires, 6 of each of the following sizes: 1 11/16, 1¾, 1 13/16, 1⅞, 1 15/16, 2, 2 1/16, 2⅛, 2 3/16, 2¼, 2 5/16, and 2⅜.*

ARCH	WIRE DIAMETER	LOOP SIZE	ITEM NO.
Maxillary	.028"	Regular	4620-002



Flat Bow Labial Archwires

A single wire with two distinct shapes—rectangular over the anterior teeth, round in the posterior segments. The flat rectangular segment works to prevent anterior teeth from flaring and prevents the labial bow from sliding toward the gingiva, while the round posterior wire anchors the appliance. Longer legs offer you the choice of stability from first or second molar.



Measure inside loop-to-loop

- Loops are angulated labially 15°
- .031" (0.79 mm) wire diameter
- 10 per pack



INCHES	LOOP TO LOOP MEASUREMENTS	ITEM NO.
1	25.4 mm	4616-001
1⅛	28.6 mm	4616-002
1¼	31.8 mm	4616-003
1⅜	34.9 mm	4616-004
1½	38.1 mm	4616-005
1⅝	41.3 mm	4616-006
1¾	44.5 mm	4616-007
1⅞	47.6 mm	4616-008

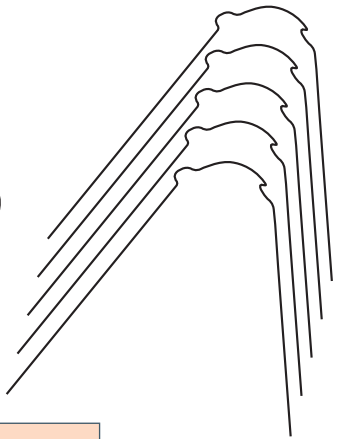
Wrap-Around Labial Archwires

Now you can eliminate interproximal separation caused by retainer wires in the cuspid-bicuspid region. Ample wire length lets you wrap around second molar to close all spaces when activated.

- 12 per pack



Retainer wire wraps around second molars to eliminate interproximal separation



WIRE DIAMETER	SIZE*	ITEM NO.
.032"	56 mm	4619-156
.032"	63 mm	4619-163
.036"	63 mm	4619-263

**Sizes are measured distal to distal of loops*

Orthodontic Burs

MASEL's orthodontic burs are for both laboratory and chairside application. Use trimming burs for all necessary adjustments on acrylic appliances and metal clasps. Use polishing burs to achieve a smooth, high gloss finish without pumice—even at chairside! Eliminates pumice mess and avoids the cross contamination usually associated with rag wheels.

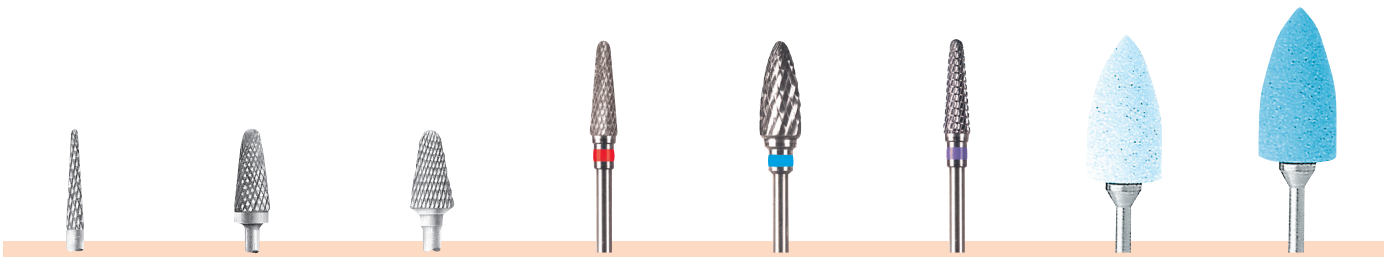
- All trimmers and polishers can be heat sterilized
- Carbide keeps cutting edges sharp and longer lasting
- Strong, one piece, stainless steel shanks will not bend
- Cross-cut pattern cuts cleaner and faster than spiral burs

Lab Burs (1 per pack)

DESCRIPTION	ITEM NO.
Contouring Tissue and Wire Areas	2035-123
Reduction of Contoured Areas	2035-145
Reduction of Large Areas	2035-160
Fine Cross Cut	2032-079
Regular Cross Cut	2035-251
Spiral Fine Cross Cut	2035-795

Lab Burs (6 per pack)

DESCRIPTION	ITEM NO.
Fine Large Bullet	4000-546
Coarse Large Bullet	4000-536



2035-123 *Contouring Tissue and Wire Areas*

2035-145 *Reduction of Contoured Areas*

2035-160 *Reduction of Large Areas*

2032-079 *Fine Cross Cut*

2035-251 *Regular Cross Cut*

2035-795 *Spiral Fine Cross Cut*

4000-546 *Fine Large Bullet*

4000-536 *Coarse Large Bullet*

Orthodontic Bur Kits

Orthodontic Trim Bur Kit

Kit includes:

- *1 Contouring Tissue and Wire Areas Bur*
- *1 Reduction of Contoured Areas Bur*
- *1 Reduction of Large Areas Bur*

ITEM NO.
2035-200



Trim Kit



Debonding Carbide Burs

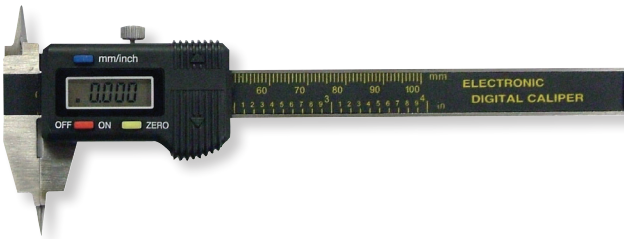
DESCRIPTION	ITEM NO.
6 Burs, Shallow Flutes, Small	2035-171
6 Burs, Shallow Flutes, Large	2035-172

Electronic Digital Pointed-Jaw Caliper

4" (10.16 cm)

Specifically designed for precise dental measurements, this digital caliper makes data collection fast and accurate in inches and millimeters. Furnished with fitted case and extra battery.

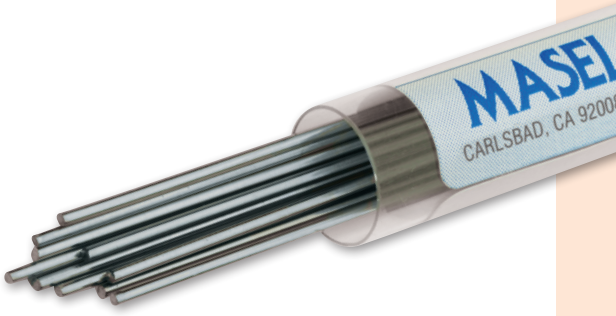
ITEM NO.
3805-315



Stainless Steel Straight Lengths

14" (35.6 cm)

The Industry Standard



Stress-relieved, bright round wire is available in spring, double spring, and medium tempers for fabricating Adams Clasps, Labial Bows, Finger Springs, and even archwires.

- Premium stainless steel alloy has a highly polished bright finish, free of nicks and other surface imperfections
- The wire has a tensile strength which makes it resistant to deformation
- Accepts bends freely and holds them in place
- 10 or 50 per tube, 14" (35.6 cm) lengths

14" Straight Lengths (50 per tube)

GAUGE	DIAMETER	MEDIUM TEMPER	SPRING TEMPER	DOUBLE SPRING TEMPER
26	.016" (.41 mm)	—	—	4809-516
25	.018" (.46 mm)	—	—	4809-518
24	.020" (.51 mm)	—	—	4809-520
23	.023" (.57 mm)	4809-623	—	—
22	.025" (.64 mm)	4809-625	—	—
21	.028" (.71 mm)	4809-628	4809-528	—
20.5	.030" (.76 mm)	4809-630	4809-530	—
20	.032" (.81 mm)	4809-632	4809-532	—
19	.036" (.91 mm)	4809-636	4809-536	—
18	.040" (1.02 mm)	4809-640	4809-540	—
17	.045" (1.14 mm)	4809-645	4809-545	—
16	.051" (1.30 mm)	4809-651	4809-551	—

Round 14" Straight Lengths (10 per tube)

GAUGE	DIAMETER	SPRING TEMPER
21	.028" (.71 mm)	4809-028
20.5	.030" (.76 mm)	4809-030
20	.032" (.81 mm)	4809-032
19	.036" (.91 mm)	4809-036
18	.040" (1.02 mm)	4809-040
17	.045" (1.14 mm)	4809-045
16	.051" (1.30 mm)	4809-051

Rectangular 14" Straight Lengths (10 per tube)

INCHES	MM	SPRING TEMPER
.016 x .016	.40 x .40	4999-602
.016 x .022	.40 x .43	4999-607
.017 x .022	.43 x .43	4999-608
.017 x .025	.43 x .63	4999-609
.018 x .025	.46 x .63	4999-611
.019 x .025	.48 x .63	4999-612

Nickel-Free Titanium CNA Beta III Lab Wire

14" (35.6 cm) Straight Lengths



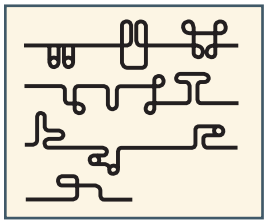
If you like TMA® by Ormco, you'll love *MASEL's CNA Beta III.* *CNA Beta III* offers the best of both worlds—the versatility of stainless steel with added resiliency.

- 10 per tube

INCHES	MM	ITEM NO.
.032	.81	4738-506
.036	.91	4738-507

Masiloy Chrome Cobalt Wire

14" (35.6 cm) Straight Lengths



Soft, easy-to-bend blue chrome cobalt wire readily accepts intricate bends without risk of breakage. Heat treating is recommended to increase resiliency by about 20%.

- Yields 2-3 arches per 14" (35.6 cm) length
- Round sizes only
- 10 per tube



DIAMETER	ITEM NUMBER
.028" (.71 mm)	4803-028
.032" (.81 mm)	4803-032
.036" (.91 mm)	4803-036

Orthodontic Silver Solder

Preferred by more labs, *MASEL's* cadmium-free orthodontic silver solder can be used with any combination of gold, silver, or stainless steel.

- Low differential between a melting point of 1220˚F (660˚C) and flowing point for better control
- Dead soft for easy adaptation



tip! *Use with our* **Quick Flo™** *Flux for stainless steel.* **See below.**

SIZE	GAUGE	ITEM NO.
.015" (.38 mm)	5 DWT	4104-015
.025" (.64 mm)	5 DWT	4104-025
.025" (.64 mm) Bulk	80 DWT	4104-225



"All-in-One" Solder/Flux

Nothing's more convenient than *MASEL's* pre-mixed 6" (15.2 cm) silver solder/flux sticks. Each has a perfect solder-to-flux ratio that insures less breakage. And because you're working with a single element, there's less mess, less effort, less time wasted, and no chance of using too much or too little flux.

- 6 per tube

ITEM NO.
4104-250

Quick Flo Flux

MASEL's smooth fluoride flux is ideal for cleaning away oxidizing agents while soldering stainless steel. Assures strong solder joints and mixes readily with water.

- Jar, 2 oz (56.7 g)

ITEM NO.
4443-001



Ortho-Flame Soldering Torch

Precise and controlled high temperature 2500°F (1300°C) flame. Safe design eliminates heat transfer to fingers. Self-contained fuel source makes it truly portable. Fully adjustable flame settings give you total control. Compresses more than two hours' worth of fuel in a single, compact, easy-to-handle unit.

ITEM NO.
2034-067



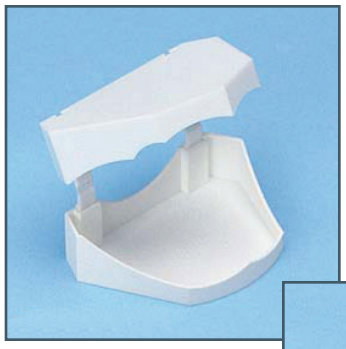
Orthodontic Plaster and Stone



Snowy white plaster mixes easily and trims without fault. Initial set-up is 8-12 minutes; total set-up in 20-30 minutes.

High-quality stone delivers unparalleled strength (tested to 8,500 lbs psi) and non-expansion characteristic (less than .013%) for fabricating precision appliances. Fast setting too.

DESCRIPTION	ITEM NO.
Plaster, Box (25 lbs)	2031-825
Stone, Box (25 lbs)	2031-925





Plaster Model Base Former

These model bases are made of white plastic and feature posterior hinges to keep the models in occlusion. Square corners conform to international standards and uniform height allows the models to be compared over time and from all perspectives. Working models can be created right in the office easily and precisely.

Kit includes:

- *100 Upper and Lower Pieces, 50 of Each*
- *2 Position Plates with Guide Rails*
- *Labels*

ITEM NO.
2031-802

MASEL Super-Sep™ Separating Medium

Superior alginate-based separating solution seals pores on model surfaces, facilitating easy and safe removal of acrylic appliances from the working cast. Simply dampen model with water, brush on *Super-Sep,* and allow to dry before applying acrylic.

- Ready to use
- Soft applicator brush included
- Non-hazardous, 100% natural



DESCRIPTION	ITEM NUMBER
Bottle, 1 liter	2034-501

Lab Pliers and Cutters

MASEL is committed to designing and manufacturing the finest quality instruments for the work you and your staff perform in the lab. We offer lab pliers and cutters in a full range of designs, shapes, and sizes to fit every handgrip and cover every type of precision orthodontic lab work—holding, bending, forming, looping, cutting, crimping, or any combination.

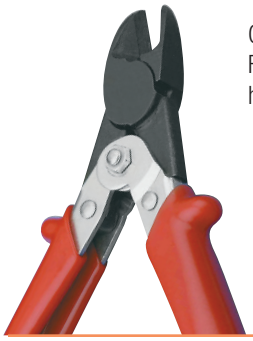
Quality materials, ergonomic designs, and optimized manufacturing extend the functional life of *MASEL* instruments to give you a lifetime of quality performance.



Hard Wire Cutter, 15° Angled

Designed to cut hard wires ranging from .010" (.25 mm) to .022" x .028" (.56 mm x .71 mm).

ITEM NO.
204-103U



Heavy Duty Cutter

Compound action guarantees accurate cuts. Features precise alignment. Ideal for inner headgear bows.

ITEM NO.
4150-814



Hard Wire Cutter

Hardened cutting edges make short work of hard round and rectangular wires. Slightly larger head size for increased durability, and a standard handle length for a sure, non-slip grip.

WIRE CUTTING RANGE	
●	.012" to .020"
▬	Up to .022" x .028"
⊗	.0155" to .0215"
▩	Up to .021" x .025"

ITEM NO.
4151-610



All-Purpose Scissors 4½" (11.4 cm)

These all purpose slightly curved scissors cut band material, wire mesh, fine wires, elastomerics, and more.

ITEM NO.
4150-900



Secure Hold Bird Beak Pliers

Whether you're working with round or rectangular wires, these pliers give you a remarkably stable platform for difficult-to-fabricate clasps thanks to the serrated, non-slip surface of the flat beak, and a closing groove.

WIRE BENDING RANGE		TIPS
●	.012" to .030"	.030"
▬	Up to .022" x .028"	.040"

ITEM NO.
4151-634



Hard Wire Cutter

Designed to cut hard wire up to .022" x .028" (.56 mm x .71 mm).

ITEM NO.
205-104



Lab Wire Bird Beak Pliers

Heavy duty bird beak pliers have a serrated rectangular tip and a smooth round tip, with jaws parallel at .040" opening. Tips are sandblasted for non-slip gripping. Slightly longer than standard size, and are heavier to allow the application of the force needed to bend .056" wires.

WIRE BENDING RANGE		TIPS
●	.016" to .056"	.045"
▬	Up to .022" x .028"	.050"

ITEM NO.
4151-670

Adams Pliers



Tapered square beaks; .045” (1.1 mm) at tip and parallel at 1 mm opening, ideal for placing all types of attachments or bending wire up to .40” (1.0 mm).

ITEM NO.
204-320U

Adams Pliers



Built to take the pressure required to work all adams clasps and to reduce discomfort for the user. Both beaks are flat surfaces, with jaws parallel at .040" opening. Rugged construction ensures long working life.

WIRE BENDING RANGE		TIPS
●	.014" to .036"	.035"
▬	Up to .022" x .028"	.035"

ITEM NO.
4151-650

Three Jaw Pliers



Adjust clasps, retainers, and archwires without marring the wire. The precision tips are carefully beveled to create extreme accuracy in adjustments. Wires up to .030" (.76 mm)

ITEM NO.
205-302

Three Jaw Pliers



Adjust clasps, retainers, and archwires without marring the wire. The precision tips are carefully beveled to create extreme accuracy in adjustments.

Wires up to .030” (.76 mm)

ITEM NO.
204-302U

Three-Prong Lab Pliers w/ Groove



Bends easily and accurately without loss of alignment. Shorter tips allow for more strength, while groove at tip gives more consistent bends. Ideal pliers for fabricating clasps or making adjustments to lip bumpers.

WIRE BENDING RANGE	
●	.032" to .045"
▬	Up to .022" x .028"

ITEM NO.
4151-641

Three-Prong Bending Pliers



Ideal for adjusting and contouring wires, clasps, and retainers no smaller than .020" at tip, and no larger than .030" at base of jaws.

WIRE FORMING RANGE	
●	.020" to .030"

ITEM NO.
4151-612

Three-Prong Pliers w/ Groove



Produce superior clasps and intraoral loops. One beak has a center slot that accommodates the narrow center shaft on the opposing jaw. Shortened tips give more torquing strength, and groove holds wire firmly for more consistent bends.

WIRE BENDING RANGE	
●	.014" to .032"
▬	Up to .022" x .028"

ITEM NO.
4151-639

Headgear Pliers

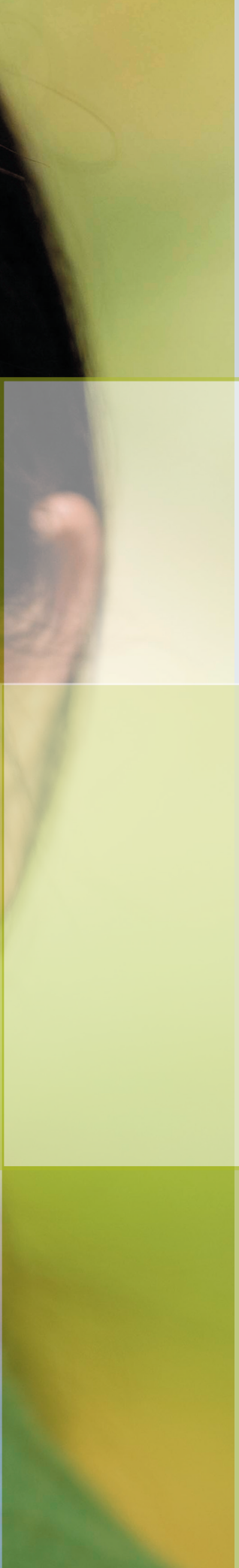


These heavyweight pliers safely bend the toughest outer facebows. Solid stainless steel forging, short beaks, and triple head construction provide all the force you need.

WIRE FORMING RANGE	
●	.045" to .075"

ITEM NO.
4151-616


EQUIPMENT



Microetcher IIA **J-3**
Retainer Material **J-3**
Mouthguard Material **J-3**

Orthodontic Microetcher™ IIA

The *Microetcher* IIA* is an ideal sandblasting tool designed exclusively for the orthodontic office. It is popular in the lab to remove bonding and banding material from appliances, and to roughen up the inside surface of a band before cementation.

It can be used intraorally with high-speed suction to prepare any porcelain or composite tooth surface for bonding or banding. The nozzle can be removed for sterilization and the handpiece tip rotates 360 degrees.



Microetcher *IIA features a fully autoclavable handpiece*

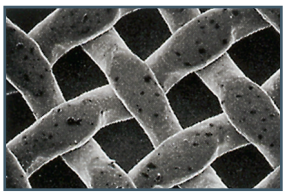
Microetcher IIA

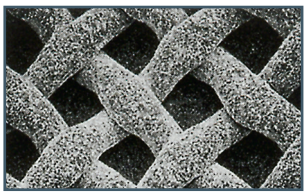
ITEM NO.
2036-010

Aluminum Oxide for use with Microetchers

DESCRIPTION	ITEM NO.
Aluminum Oxide Extraoral (90 micron), 1 lb	2033-005
Aluminum Oxide Intraoral (50 micron), 1 lb	2033-004

**Orthodontic Microetcher IIA is available in 110V only, and is available for shipment/ distribution in the United States only.*


Before sandblasting, bracket base is too smooth


After sandblasting, bracket base is more porous, increasing bond strength

Retainer Material

Similar to Raintree Essix type "A" Ultra-clear

- Bonds to acrylic for creating bite planes and TMJ splints
- Can be used for retention, bite planes, temporary bridges, and tooth movement
- Provides an excellent fit to model, with superior clarity
- No discernible shrink—cold spray not needed
- Not recommended for high-stress appliances
- Square sheets only
- 100 sheets per box



THICKNESS	SIZE	ITEM NO.
.040"/1 mm	5.25" sq/133 mm	2032-080
.040"/1 mm	4.92" sq/125 mm	2032-081

Mouthguard Material

Soft EVA

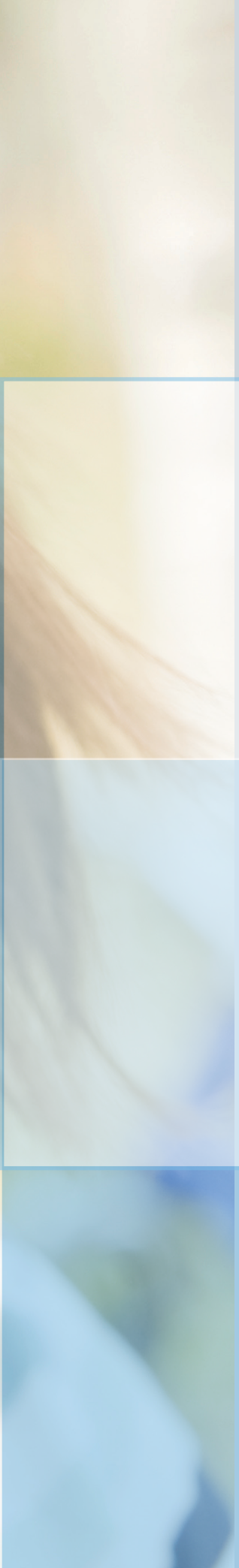
- Excellent conformity to the model, resulting in a true custom fit
- Forms clear for an aesthetic look
- Thin size facilitates comfort and encourages patient compliance
- May be used to create soft nightguards, bruxism splints, and other low-impact appliances
- Square sheets only
- 25 sheets per box



THICKNESS	SIZE	ITEM NO.
.080"/2 mm	5.25" sq/133 mm	2032-088



PATIENT SUPPLIES



Doublegard® Mouthguards **K-3**

Protective Covers **K-5**

Relief Wax **K-6**

Retainer Boxes **K-7**

Hygiene Kits **K-9**

Gifts **K-10**

DOUBLEGARD®

THE ORIGINAL PROTECTIVE MOUTHGUARD



MASEL Doublegard Mouthguard

When it comes to athletics, mouthguards are more than a matter of looks. They allow coaches and officials to see at a glance whether a player is properly protected. *MASEL's Doublegard* conforms to NCAA guidelines for colored mouthguards, which is mandatory in most states. *MASEL's Doublegard* is a comfortable, ready-to-wear mouthguard for athletes who wear braces.



Doublegard protects your active orthodontic patients

- Stays comfortably in place, ensuring protection
- More comfortable than rubbery "boxer type" mouthguards
- Adapts to teeth and appliances
- Prevents breathing and gagging problems
- Can't be swallowed or dislodged on impact
- Individually wrapped
- Latex-free
- Standard fits ages 12 and older
- Junior fits children ages 11 and under
- 12 per pack

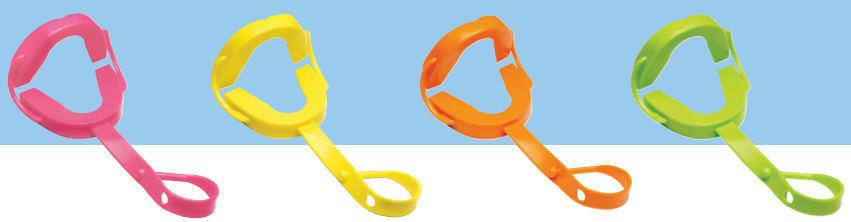
Standard Colors

Royal Blue *Green* *Black* *Translucent* *Red* *Yellow*



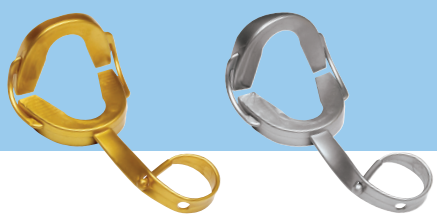
Sunburst Colors

Pink *Yellow* *Orange* *Green*



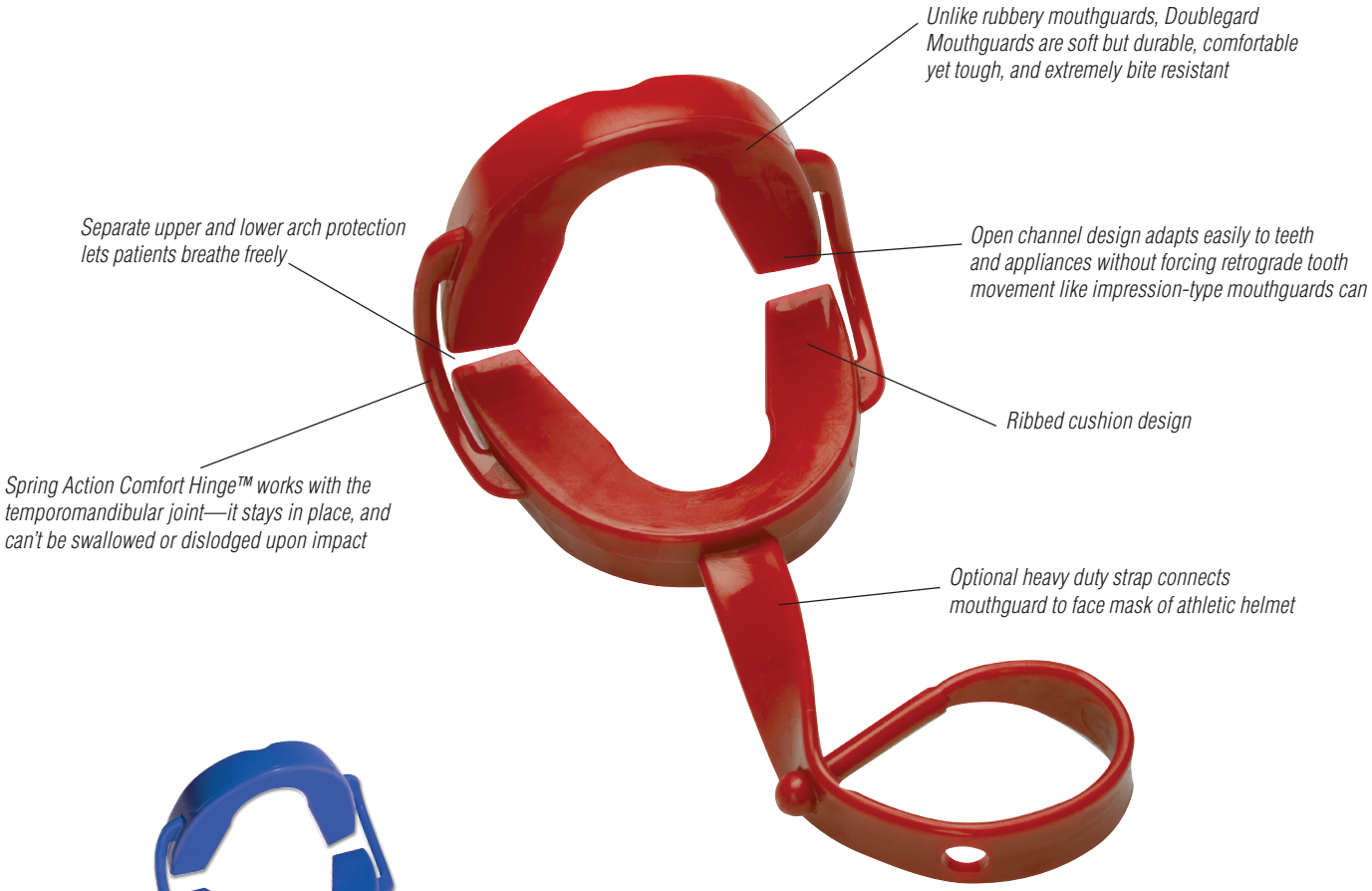
Metallic Colors

Gold *Silver*



Doublegard Mouthguard Features

Doublegard is the one orthodontic mouthguard that lets patients (and their orthodontists) breathe easier. It cushions the shocks of contact sports, guarding against painful labial lacerations.





Doublegard With Strap

	DESCRIPTION	STANDARD ITEM NO.	JUNIOR ITEM NO.
STANDARD	Translucent	5100-020	5100-040
	Yellow	5100-070	5100-080
	Red	5100-071	5100-081
	Green	5100-072	5100-082
	Royal Blue	5100-073	5100-083
	Black	5100-074	5100-084
	Assortment, 2 of each color	5100-090	5100-091
SUNBURST	Assortment, 3 of each color (Pink, Yellow, Orange, and Green)	5100-100	5100-101
METALLIC	Assortment, 6 of each color (Gold and Silver)	5100-102	5100-103



Doublegard Without Strap

	DESCRIPTION	STANDARD ITEM NO.	JUNIOR ITEM NO.
STANDARD	Translucent	5100-010	5100-030
	Yellow	5100-096	—
	Red	5100-092	—
	Green	5100-093	—
	Royal Blue	5100-094	—
	Black	5100-095	—
	Assortment, 2 of each color	5100-097	—

Comfort Cover™

Better Protection, Less Discomfort



Protect your patients' lips and cheeks from discomfort! *Comfort Covers* are a convenient way to reduce the risk of oral lacerations from playing musical instruments or light contact sports. Covers snap easily into place and stay securely attached. They're the most comfortable and convenient alternative to relief wax!

- Comfortable, convenient, and clean
- Easy to take on and off by the patient
- Individually packaged
- 5" L x 3⁄16" W (127 mm x 4.8 mm)
- 5 pairs per pack

DESCRIPTION	ITEM NO.
Clear	4383-900





Kissable Kovers®

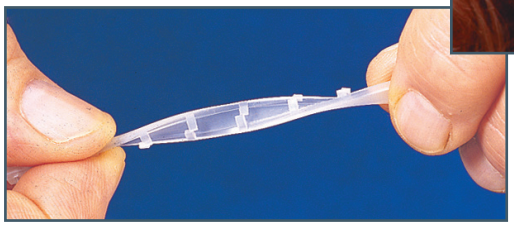
A necessity for patients who play musical instruments!

Kissable Kovers protect the lips and gums of those undergoing orthodontic treatment. Tiny burr-free "fingers" softly grip the archwire between the brackets to create the *Kissable Kovers* protection.

- Long enough to cover an entire arch
- Patient pairs include both upper and lower *Kissable Kovers*
- One size fits pedos through adults
- Uppers 4 3⁄16" L x 1⁄4" W (107 mm x 6 mm)
- Lowers 2 7⁄8" L x 1⁄8" W (98 mm x 5 mm)
- 10 pairs per pack

DESCRIPTION	ITEM NO.
Clear	4382-800





Clear, Colored, or Scented—MASEL has the right relief wax to keep your patients smiling

We offer a wide selection so you can meet any patient's preference or need. Clear or colorful, scented or unscented, *MASEL's* wax means relief!

Clear Relief Wax

Soft wax provides relief by covering sharp ligature wires or brackets. To help wax stay in place longer, dry area before applying.

- Available mint scented or unscented
- 50 per pack

DESCRIPTION	ITEM NO.
Scented, Mint	2034-008
Unscented	2034-004



Unscented Silicone Patient Wax

Medical grade silicone for temporary relief from appliance irritation. Preferred by patients because it lasts longer and is easier to use than regular wax.

- 50 per pack

DESCRIPTION	ITEM NO.
Unscented, Clear	2034-600



Colorful, Scented Relief Wax Assortment

Soothing relief wax in patient pleasing colors and scents. Covers ligatures, wires, and brackets to eliminate discomfort—and emergency visits. Both wax and case are scented.

- Five scents—Orange, Cherry, Lime, Grape, and Bubblegum
- 50 per pack

DESCRIPTION	ITEM NO.
Assortment, 10 of each scent	2033-946



Acrylic Storage Rack for Wax Packs



Conveniently organizes up to 100 packs of wax by color/scent. Makes it easy to find the wax you need, or let patients dispense their own.

- 8½" W x 4¼" D x 8 H" (21.6 cm x 10.8 cm x 20.3 cm)
- Holds 100 pieces

ITEM NO.
2034-100

Pain Relief Bite Wafer

Help relieve your patient's pain after separation and wire change appointments. Chewing on the Pain Relief Bite Wafer helps increase blood circulation around recently moved teeth to reduce pain and discomfort. Manufactured from a medical-grade plastic that offers excellent elasticity.

- Cherry scented
- 25 per pack

ITEM NO.
2033-410





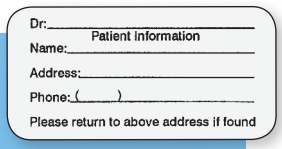
MASEL's wide selection of retainer boxes

MASEL offers retainer boxes in a wide variety of shapes, sizes, and colors to meet every patient's preference.

Slim-line™ Retainer Boxes

- High-impact polypropylene construction
- Non-crushable design
- Compact boxes fit easily in a pocket
- 2¾" W x 2 3/16" L x 1" H (7.0 cm x 5.6 cm x 2.5 cm)
- Basic, Bright (Fluorescent and Glow), and Glitter colors, 10 per pack
  Basic and Glitter Assortment, 12 per pack
  Basic and Bright Assortment, 24 per pack

Each pack of retainer boxes includes an ample supply of peel and stick information labels.



	DESCRIPTION	ITEM NO.
BASIC	Black	2020-003
	Purple	2020-004
	Fire Orange	2020-005
	Red	2020-007
	White	2020-008
	Light Pink	2020-009
	Yellow	2020-107
	Green	2020-108
	Blue	2020-109
	Basic Assortment, 12 boxes (3 each of Light Pink, Yellow, Green, and Blue)	2020-020
	Basic Assortment, 24 boxes (5 each of Black, Purple, Red, and Blue, plus 4 Glow Green)	2020-051
BRIGHT	Fluorescent Orange	2020-010
	Fluorescent Yellow	2020-011
	Fluorescent Pink	2020-106
	Glow Pink	2020-110
	Glow Green	2020-130
	Bright Assortment, 24 boxes (4 of each Fluorescent Color, and 6 of each Glow Color)	2020-050
GLITTER	Black	2024-003
	Purple	2024-004
	Red	2024-007
	Blue	2024-109
	Glitter Assortment, 12 boxes (3 of each Glitter Color)	2024-150

Now in More Colors Than Ever!



Basic Colors



Bright Colors: Fluorescent and Glow-in-the-Dark



Glitter Colors that Sparkle!



Color assortment may vary. We reserve the right to substitute colors. We will match as closely as possible.

Deep Dish™ Retainer Boxes

- Ideal for oversized appliances
- Holds Hawleys, Bionators, Frankels, and all expansion screws
- Permanent identification labels
- 2¾" W x 2" L x 1½" H (7.0 cm x 5.1 cm x 3.8 cm)
- Basic and Fluorescent Colors, 10 per pack
  Basic Assortment, 12 per pack



	DESCRIPTION	ITEM NO.
BASIC	Black	2022-003
	Purple	2022-004
	Red	2022-007
	White	2022-008
	Yellow	2022-107
	Green	2022-108
	Blue	2022-109
	Basic Assortment, 12 boxes (3 each of Light Pink, Yellow, Green, and Blue)	2022-150
FLUORESCENT	Fluorescent Pink	2022-106
GLOW	Glow Green	2022-130

SuperTuff™ Retainer Boxes

- Extra-long hinges and positive lock closure
- Permanent identification labels
- Sturdy material resists breakage
- Ventilation holes
- 3" W x 2⅜" L x 1" H (7.6 cm x 6.0 cm x 2.5 cm)
- Basic, Fluorescent, Glow, and Glitter Colors, 10 per pack
  Basic and Glitter Assortments, 12 per pack



	DESCRIPTION	ITEM NO.
BASIC	Blue	2020-152
	Green	2020-153
	Coral	2020-154
	Purple	2020-159
	Black	2020-163
	Fire Orange	2020-164
	Red	2020-165
	White	2020-166
	Light Pink	2020-155
	Yellow	2020-168
	Basic Assortment, 12 boxes (3 each of Blue, Green, Light Pink, and Yellow)	2020-150
FLUORESCENT	Fluorescent Orange	2020-157
	Fluorescent Pink	2020-160
	Fluorescent Yellow	2020-167
GLOW	Glow Green	2020-161
	Glow Pink	2020-162
GLITTER	Blue	2020-171
	Black	2020-172
	Red	2020-173
	Purple	2020-174
	Glitter Assortment, 12 boxes (3 of each Glitter Color)	2020-170



Orthodontic Patient Kits

MASEL's orthodontic patient kits provide everything the patient needs while wearing braces, and encourage diligent oral hygiene during treatment. Kits are easy to store and convenient for travel. Assorted bright colors of red, green, purple, and blue. Color choices cannot be specified.

Kits includes:

- *1 Orthodontic Tooth Brush*
- *1 Interproximal Brush*
- *1 Travel Brush*
- *1 Mint Wax*
- *1 Mint Floss Spool, 15 yards*
- *1 Pack of Floss Threaders*
- *1 Dental Mirror*

DESCRIPTION	ITEM NO.
Patient Kit	4002-101
Patient Kit, Personalized	4002-102



Buy 288 kits and we will imprint your practice name on each kit.*

**Imprint orders require 3 weeks to complete and are non-returnable. 4 lines, 50 characters per line. Sorry, no font choices or logos.*

Personal Cordless Sonic Cleaner

Cleans retainers, aligners, mouthguards, and dentures. Removes plaque and tartar, and kills germs and bacteria. Keeps appliances clean and fresh. Includes two AA batteries. Use with *Retainer Brite*® tablets.



ITEM NO.
2031-330

Retainer Brite Tablets



DESCRIPTION	ITEM NO.
Box, 36 tablets	2031-331
Case, 24 boxes	2031-332

Orthodontic Survival Kits

MASEL's Survival Kits give your patients everything they need while wearing braces. They're a great way to show you care while encouraging oral hygiene during treatment. Easy to store and travel with, our kits are available in purple, red, green, and blue.

- 24 per pack, 6 of each color

Kit includes:

- *1 Water Bottle*
- *1 Dual Head Tooth Brush*
- *1 Interproximal Brush*
- *1 Travel Tooth Brush*
- *1 Mint Wax*
- *1 Mint Floss Spool, 15 yards*
- *1 Pack of Floss Threaders*



ITEM NO.
4002-100

Prepasted Toothbrushes



- Provides a sanitary environment around the sink
- Individually wrapped
- Disposable or reusable
- Eliminates cross contamination
- 4 assorted colors—blue, green, yellow, and red
- 144 per pack, 36 of each color

ITEM NO.
4000-847

Ortho ReadyBrush™ Prepasted Toothbrush

Mint flavored "V" trim bristled brush cleans teeth and braces. Use water to activate.

- 144 per box



ITEM NO.
4000-845

Interproximal Brush

- 1 per pack



ITEM NO.
4000-844

Patient Bags

Send patients home with dental supplies safely tucked in these fun, sturdy plastic bags.

- 10" L x 12" W (25 cm x 30 cm)
- 250 bags per pack

DESCRIPTION	ITEM NO.
Brrr-ace It	4002-239



Platypus Orthodontic Flosser

Your patients will appreciate the ease and convenience of this flosser and you'll appreciate the results.





- One product takes the place of three—floss, floss threader, and proxy brush
- Handle doubles as an interproximal brush
- Designed specifically for patients with braces
- Thin, flat arm fits easily under an archwire

ITEM NO.
4002-103

Neon Tooth Keychains

Reward patient compliance with one of our assorted keychains in bright neon colors.

- 24 per pack

ITEM NO.
4002-247



3-Minute Timers

Encourage your patients to spend enough time brushing.

- 3½" (8.9 cm) tall
- 50 per pack, assorted colors

ITEM NO.
4002-255



10" Tooth Mirror

Let your patients look at themselves in this fun mirror and they'll leave smiling.

DESCRIPTION	ITEM NO.
Mirror with Braces	4002-213
Mirror without Braces	4002-252



Fun Pencils

MASEL's pencils feature bright colors and fun designs. Choose dental mirror or toothbrush style.

- 36 assorted colors per pack

DESCRIPTION	ITEM NO.
Pencil with Dental Mirror Tip	4002-236
Pencil with Toothbrush Tip	4002-237





Animal Toothbrush Holders

Little animals suction to practically any smooth surface to safely hold a toothbrush.

- 3" (7.6 cm) high
- 36 per pack, assorted animals

ITEM NO.
4002-235



Wind-up Chomping Teeth

Wind them up, put them down, and watch them chomp as they walk.

- 2½" (6.4 cm) high
- 12 per pack

ITEM NO.
4002-233





Tooth Saver Necklaces

Your patients can save their teeth for the tooth fairy with these necklaces.

- 144 per box

ITEM NO.
4002-249



GENERAL SUPPLIES





Lombardi™ Appliance **L-3**
Cheek Retractors **L-5**
Photographic Mirrors **L-6**
Impression Materials **L-7**
MiniStripper™ **L-9**
Storage **L-10**
Miscellaneous **L-14**

LBB™ Lombardi™
Bionator Bite Appliance



Orthodontic treatment can progress more effectively when you include the LBB Appliance.

Drew R. Lombardi, D.M.D. invented the *LBB* Appliance to minimize the negative effects of bruxing, clenching, and grinding that interfere with orthodontic treatment, so tooth movement proceeds efficiently.

The Lombardi Bionator Bite Appliance Delivers

The *LBB*™ delivers what many retainers and custom appliances deliver, without the impression, wait, or cost. It will open the bite in deep bite cases, aid in the treatment of TMJ disorders and bruxism, and facilitate tooth movement during orthodontic treatment.

"It's saving time and reducing costs; something patients really appreciate."

Dr. Steven Nederlow— Board Certified Orthodontist in private practice in Minnesota

Include One in Your Deep Bite Patient Treatment Kit

The *LBB* can assist your treatment method, for nearly all patients, with varying degrees of malocclusion. Plus the appliance comes in one size, fitting patients from 8 to 80 years of age. Each *Lombardi*™ Bionator Bite Appliance comes with a storage case to keep the device flat when not being worn. This helps to "recharge" the spring-action hinges. Include the *LBB* as part of your deep bite treatment kit.

Patient Comfort Equals Patient Compliance

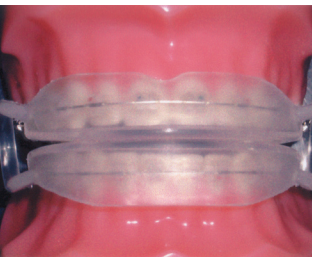
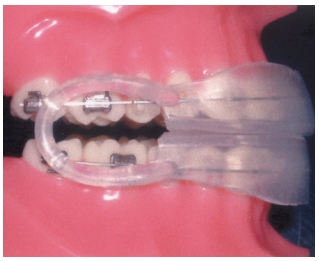
The most dramatic bite improvement occurs when a patient wears the appliance all night while asleep and for 3 to 4 hours during quiet daytime hours. Suggestions for wearing while awake include during workouts, while reading, listening to music or watching television, while online, or doing homework. It is simple to clean with soap and water, or with a toothbrush and toothpaste.

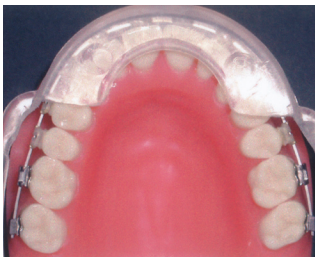
Features:

- Ready to go, no impressions needed
- No risk of aspiration
- Compatible with all systems, brackets, and techniques
- Assists the function of elastics, cross elastics, and headgear
- Reduces bond failures
- Opens the bite in deep-bite cases and protects occlusion
- Aids in the treatment of TMJ disorders
- Cost effective and highly profitable
- Latex-free

"Even non-compliant patients will wear the *LBB.* We're seeing much faster orthodontic treatment … and happier patients."

Dr. Richard Isaacson—Orthodontist, in family practice in New Jersey




Flexible channel design fits loosely over anterior sextants

- Device can be worn comfortably by most patients
- Allows for malocclusion and overjet
- Accommodates orthodontic brackets, wires, elastics, tooth movement, and case progress without adjustment
- Cut out for maxillary frenum to ensure comfort



Flexible hinge applies gentle pressure in opposite, bite-opening directions

- Holds the appliance in place so mandible rests comfortably, not where the malocclusion normally forces it to go

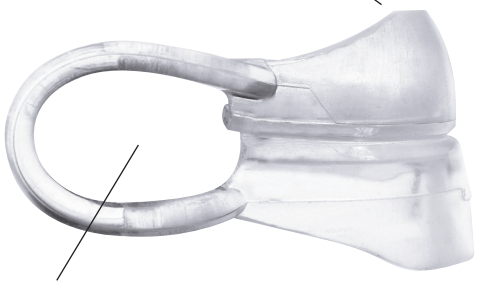


Anterior occlusal plane provides protection for upper and lower anterior teeth

- Keeps lower anteriors from hitting lingual surface of uppers
- Protects upper incisal edges from hitting lower brackets

Bite pressure is transferred from posterior to anterior region

- More sensitive anteriors signal brain to decrease clenching
- Helps open bite



Molar region is left free of occlusal pressure

- Allows posterior teeth to extrude naturally when worn regularly



Drew R. Lombardi, D.M.D.

Dr. Drew Lombardi is the inventor of the *Lombardi* Bionator Bite Appliance.

Dr. Lombardi has two private orthodontic practices in Fort Lee and Jersey City, NJ. A Diplomate of the American Board of Orthodontics, he has taught and lectured at the Jersey City Medical Center, and Fairleigh Dickinson University, School of Dentistry, Department of Orthodontics, where he was a Clinical Assistant Professor in Orthodontics for years until the school's closing.

He was selected by a poll of over 4,500 New Jersey dentists as the best orthodontist in Bergen and Hudson Counties, and among the top 10 in the entire state of New Jersey, as featured in New Jersey Monthly Magazine, *July 2002. He was again selected to this list in 2005, 2009, and 2010. (Each year that it's been done!)*

www.LBB1.com



Kit Includes:

- *1* LBB
- *1 Protective Case*
- *Patient Care Instructions*

DESCRIPTION	ITEM NO.
LBB Appliance Kit	5200-100

"It's a fast, easy, inexpensive way to help patients in a number of situations I encounter every day."

Dr. Howard S. Glazer—General Practitioner, practicing in New Jersey

US Patent #7,404,404

ClearTrac™ Autoclavable Cheek Retractors

All styles provide complete retraction of lips and cheeks, giving the operator full view of anterior and posterior teeth. Entire working field is kept free from moisture.

- Break resistant plastic
- Very helpful for intraoral photography
- Autoclavable up to 270˚F (132˚C)

Double Ended

Achieve maximum retraction when you control the force.

- 2 per pack



DESCRIPTION	ITEM NO.
Small 5¾"	4001-019
Large 6½"	4001-018

Intraoral

Tongue depressant keeps bonding field dry. Three sizes for proper fit.

- 1 per pack



DESCRIPTION	ITEM NO.
Small	4001-011
Medium	4001-012
Large	4001-113

Wire Type

Can be adjusted for maximum patient comfort. Fits child to adult.

- 1 per pack



DESCRIPTION	ITEM NO.
One Size Fits All	4001-020

Extraoral

For simultaneous premolar-to-premolar bonding in both arches. “Hands Free” one-piece design.

- 2 per pack



DESCRIPTION	ITEM NO.
Child	4001-024
Adult	4001-025

DuraTrac™ Stainless Steel Double-Ended Cheek Retractor

Patients prefer clean, sterile stainless steel over plastic retractors.

- Fully autoclavable
- Glare-free brushed metal
- 1 per pack

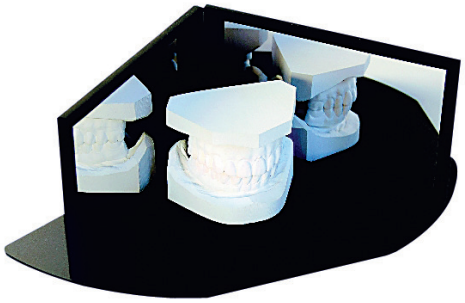


ITEM NO.
4001-050

Tri-View Photography Stand

- Assists in taking clear and accurate photos, showing three critical angles of a plaster cast mold
- This unique stand makes storage and record keeping quick and easy

ITEM NO.
4250-990



Riofoto Rhodium Coated Intraoral Photographic Mirrors

High-resolution intraoral photos depend on superior reflective mirrors. Rhodium on glass provides the clearest, brightest, and most accurate reflection of any mirror material. We offer eight distinctive styles in adult and child sizes that give you unparalleled access to all intraoral regions.



- Highest reflectance value possible for the clearest, sharpest photos
- Extra-thick glass makes these mirrors extremely durable
- Heat sterilize or autoclave up to 370˚F (188˚C)
- Coated on both sides for twice the life
- Produces measurably clearer images over chrome and metal
- Custom shapes available. If you have a special request, send us a drawing and we can fabricate the exact shape you need. Call your Customer Service Representative Consultant for more details.
- Available individually or in kits

X-LONG PALATAL MIRRORS	ITEM NO.
Adult	4250-971
Child	4250-972
STANDARD MIRRORS	**ITEM NO.**
Palatal (Adult)	4250-981
Palatal (Child)	4250-982
Lingual (Narrow Inside)	4250-983
Lingual (Wide Inside)	4250-984
Buccal (Narrow Outside)	4250-985
Buccal (Wide Outside)	4250-986
BERGER MIRRORS	**ITEM NO.**
Max	4250-989
Buccal	4250-991

X-Long Kit of 3

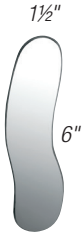
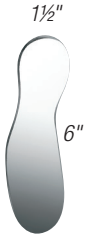
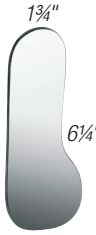
DESCRIPTION	ITEM NO.
Buccal Narrow Kit—Includes: 2 X-Long Style (1 of each size) and 1 Standard Buccal Narrow Style	4250-970
Buccal Wide Kit —Includes: 2 X-Long Style (1 of each size) and 1 Standard Buccal Wide Style	4250-970W

Standard Kit of 6

DESCRIPTION	ITEM NO.
1 of each Standard Size	4250-980

Custom shapes also available

X-LONG PALATAL (Adult) 4250-971	X-LONG PALATAL (Child) 4250-972	PALATAL (Adult) 4250-981	PALATAL (Child) 4250-982
			

LINGUAL (Narrow) 4250-983	LINGUAL (Wide) 4250-984	BUCCAL (Narrow) 4250-985	BUCCAL (Wide) 4250-986	BERGER MAX 4250-989	BERGER BUCCAL 4250-991
					

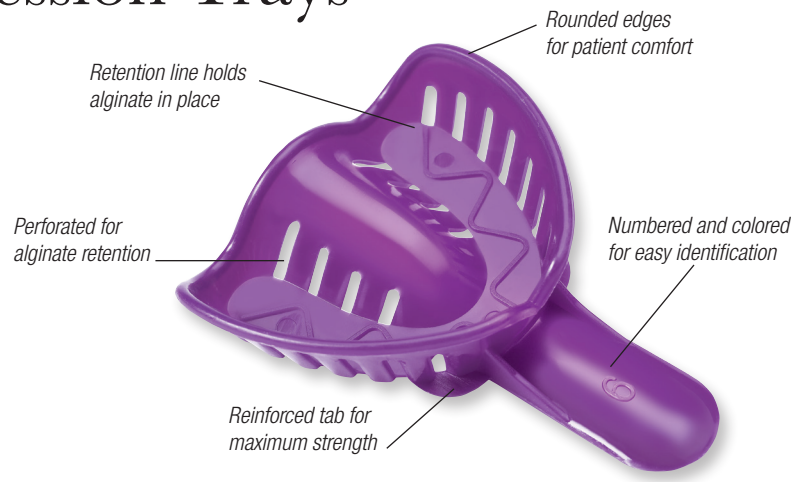


X-long palatal mirror in use.

Redi-Lock™ Impression Trays

Redi-Lock Impression Trays are made of advanced medical-grade polystyrene, which is designed to be disposable. They will not bend or flex and always provide sharp detail. Can be easily customized with hot water, and feature sturdy handles for better control.

- 50 per pack



	DESCRIPTION	UPPER	LOWER
CHILD	Small (Red)	2019-602	2019-601
CHILD	Medium (Orange)	2019-604	2019-603
CHILD	Large (Blue)	2019-606	2019-605
ADULT	Small (Green)	2019-608	2019-607
ADULT	Medium (Yellow)	2019-610	2019-609
ADULT	Large (Purple)	2019-612	2019-611

DESCRIPTION	ITEM NO.
Assortment, 60 trays (5 of each size, upper and lower)	2019-699





Tray Adhesive Spray

Improves impression accuracy and reduces gagging

MASEL's tray adhesive spray improves alginate retention to reduce impression distortion when using disposable impression trays.

Usable with all types of alginate, just spray into the tray prior to loading. Alginate will adhere to the tray rather than the patient's mouth.

- Can, 2.7 oz

ITEM NO.
4000-869

*Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.

Flavor Drops

Sugar-Free Alginate Flavoring

Flavor Drops can be added to alginate, cotton rolls, and gauze pads for increased patient comfort. Let patients choose the flavor they like from a wide assortment of flavors.

- Bottle, 2 oz



DESCRIPTION	ITEM NO.
Strawberry	1306-101
Cherry	1306-102
Mint	1306-103
Bubble Gum	1306-104
Piña Colada	1306-105
Grape	1306-106
Raspberry	1306-109
Banana	1306-110
Orange	1306-112
Cola	1306-113
Watermelon	1306-117
Chocolate	1306-118
Cotton Candy	1306-122

Alginmax®

Color-changing alginate

Advanced chromatic, hydrocolloid-based alginate, for accurate impressions every time. Tells you when it's ready with three color-changing stages.

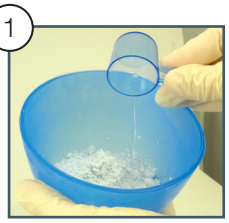
- Mixes smoothly with water
- 100-120 hours for "pour-up" time without distortion
- Stays stable for up to 72 hours, when placed in a plastic bag with 1 teaspoon of water
- Thixotropic to avoid gagging
- Highly detailed impressions
- Tear resistant material
- Complete set takes about 2 minutes
- Pleasant vanilla scent and neutral taste
- 4 bags per box, 1 lb each

ITEM NO.
2032-062



Impression is complete in about 2 minutes. Follow these easy steps:

1



Add scoops of alginate and measures of water into mixing bowl

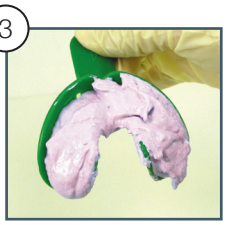
2



Mix Alginmax *and water together, it will be violet during initial mixing phase*

Mixing time: approximately 35 seconds

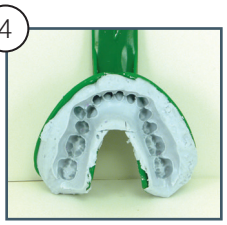
3



When Alginmax *turns to a rose color, place in impression tray, then take impression*

Packing/Working time: approximately 40 seconds

4



Impression material turns Light Blue during set up phase, final impression is light blue

Setting time: approximately 45 seconds



Alginate Mixing Bowl

- Molded from high-tech, flexible, medical-grade resin
- Glossy surface makes alginate removal easy
- Spatulas will not scratch the surface
- Easy grip handle
- Soft and pliable

DESCRIPTION	ITEM NO.
Bowl, Blue	2030-411
Spatula, Blue	2030-410

MiniStripper

Safety and control at your fingertips

Compact interproximal stripping system

Compact and lightweight, the *MiniStripper* gives you the exact interproximal space you need. It's easy to control in tight spaces and is safer to use than other interproximal stripping devices. Single-sided strips can be switched out in seconds and prevent accidental stripping of adjacent tooth. Composed of stainless steel, all kit components are autoclavable up to 275˚F (135˚C).





Kit includes:

- *1* MiniStripper *Handle*
- *4 Single-sided Stainless Steel Strips, 6 mm*
- *4 Single-sided Stainless Steel Strips, 4 mm*
- *2 Diamond Strips, 6 mm*
- *2 Micro Saw Strips, 6 mm*
- *1 Compact Handle*

MiniStripper

ITEM NO.
4150-583

Accessories

DESCRIPTION	ITEM NO.
Handle	4150-584
6 mm Single-sided Blades (10 per pack)	4150-585
6 mm Single-sided Diamond Blades (5 per pack)	4150-586
6 mm Double-sided Blades (10 per pack)	4150-587
4 mm Single-sided Blades (10 per pack)	4150-589



Anterior Interproximal Stripper

Quickly and safely gives you the precise interproximal space you need—with greater control than motorized stripping. Autoclavable, stainless steel handle.



Kit includes:

- *1 Hand Instrument*
- *80 Interchangeable Blades:*

  10 each of:
  Single-sided Extra Fine, 2 mm
  Single-sided Fine, 3 mm
  Single-sided Fine, 4 mm
  Double-sided Fine, 4 mm
  Single-sided Medium, 4 mm
  Double-sided Medium, 4 mm
  Tin Strips, 4 mm
  Saw, Fine, 4 mm
- *20 Single-sided Coarse Blades, 4 mm*

Hand Instrument Length: 4¾" (120 mm)
Handle Length: 1⅝" (41 mm)

Blade Refills (10 Per Pack)

SIZE	BLADE	SURFACE	ITEM NO.
4 mm	SS	Fine	4150-562
4 mm	SS	Medium	4150-563
4 mm	SS	Coarse	4150-564
4 mm	DS	Fine	4150-565
4 mm	DS	Medium	4150-566

Hand Instrument

ITEM NO.
4150-556

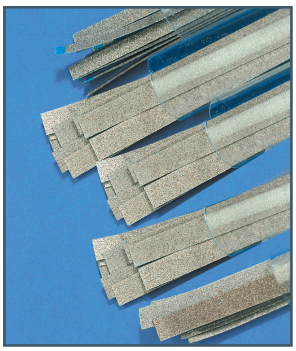
Assortment Kit

ITEM NO.
4150-555

Lightning Strips

- Available in single- and double-sided models
- Medium grit
- Extra wide: ¼" (6.4 mm)
- Length: 6" (152 mm)
- 12 per tube

DESCRIPTION	ITEM NO.
Single-sided	2035-020
Double-sided	2035-050



Microban® Set-Up Trays

Technology that Becomes a Sentry on Duty 24 Hours a Day

The *Microban* additive is an antimicrobial agent that helps control the growth of a broad range of Gram positive and Gram negative bacteria. It actually penetrates the cell wall of these thin-walled microorganisms, disrupting their metabolic function.

Exclusive "B-lok" feature provides an excellent method of infection control and safety when transporting contaminated items from operatory to sterilization area.

- Small: 9 11/16" L x 6 11/16" W x 7/8" H (24.6 cm x 17 cm x 2.2 cm)
- Large: 13½" L x 9⅝" W x 7/8" H (34.3 cm x 24.4 cm x 2.2 cm)



Shown: blue tray w/locking tray cover

Microban Set-up Trays

DESCRIPTION	ITEM NO. SMALL	ITEM NO. LARGE
Purple	1221-101	1221-121
Blue	1221-102	1221-122
Bright Green	1221-103	1221-123
Bright Yellow	1221-104	1221-124

Locking Tray Cover

DESCRIPTION	ITEM NO.
Small	1221-114
Large	1221-115

Microban and the Microban symbol are registered trademarks of the Microban Products Company, Hunterville, NC USA.

Tray Racks

Be prepared for every procedure by organizing your trays in advance. Each rack holds six trays with or without locking covers.

- Small: 9⅞" L x 7¾" W x 12¾" H (25.1 cm x 19.7 cm x 32.4 cm)
  (holds small Microban trays and Mini "F" size trays)
- Large: 10½" L x min. 11 - max. 16" W x 13" H (26.7 cm x 27.9-40.6 cm x 33 cm)
  (holds large Microban trays and Ritter "B" size trays, and adjusts in width from 11" to 16")



DESCRIPTION	ITEM NO.
Small	1220-100
Large	1220-120

Ortho Solution Model Storage Boxes

Free Up Your Valuable Office Space—Stores 320 Patient Models



- Store and organize patient study models
- Save valuable office space
- Easy to assemble
- Strong construction
- 16" H x 18¾" W x 13" D (40.6 cm x 47.6 cm x 33 cm)
- 1 set of 4 boxes

Set includes:
- *4 Boxes, Each Holds 4 Trays*
- *16 Trays, Each has 20 Model Compartments*
- *320 Model Compartments in Total*

DESCRIPTION	ITEM NO.
Front Loading Boxes	2031-555

Dispensers

Acrylic GeoShapes Organizer

- Holds 4 boxes of *GeoShapes*
- 14¾" W x 4" D x 9½" H
  (37.4 cm x 10.2 cm x 24.1 cm)

ITEM NO.
4811-030



See page 78 for GeoShapes *Elastics*

Acrylic Unicycle Dispenser

- Holds 18 colors of *Unicycle* Ligatures
- 10½" W x 5½" D x 5½" H
  (26.7 cm x 14 cm x 14 cm)

ITEM NO.
4811-026



See page 80 for Latex-Free Unicycle *Ligating Modules*

Combination Unicycle and Chain Dispenser



- Holds 12 colors of *Unicycle* Ligatures and 12 spools of chain
- 6¾" W x 9" D x 5½" H
  (17.1 cm x 22.9 cm x 14 cm)

ITEM NO.
4811-027

Chain Elastic Dispenser

- Holds 18 spools of chain
- 9⅞" W x 3⅞" D x 4¼" H
  (25 cm x 9.8 cm x 10.8 cm)

ITEM NO.
4811-028



See page 80 for Latex-Free Chain

Low-Profile Drawer Type (2)

This low-profile rack fits into drawers with a 4" (10.1 cm) height. Features a spacious utility compartment.

- 3¾" (9.5 cm) high with pliers in place
- 6³⁄₁₆" W x 9⅝" D x 2½" H
  (15.7 cm x 24.4 cm x 6.4 cm)

ITEM NO.
4150-507



Super Station

Seven horizontal pliers slots and seven clear vertical tubes take the guesswork out of finding your supplies. Slots and vertical tubes are removable for easy cleaning, or to store the organizer in a drawer.

- Base: 6½" W x 9" D
  (16.5 cm x 22.9 cm)

ITEM NO.
4150-503



See pages 146-167 for MASEL's *full selection of instruments and pliers*

Instrument Racks

Pliers Rack with Hinged Cover

The hinged cover protects pliers while allowing easy access.

- Holds up to 10 instruments
- 8" W x 6½" D x 8" H (20.3 cm x 16.5 cm x 20.3 cm)

ITEM NO.
4811-024



Pliers Organizer

Extra-wide base prevents accidental tipping.

- Holds up to 12 instruments
- Base: 5½" D x 9" W (14 cm x 22.9 cm)

ITEM NO.
4150-501



Combination Rack

Holds instruments as well as ligature wire, scalers, and directors. Compact in design—large in capacity.

- Base: 3½" W x 7" D (8.9 cm x 17.8 cm)

ITEM NO.
4150-502



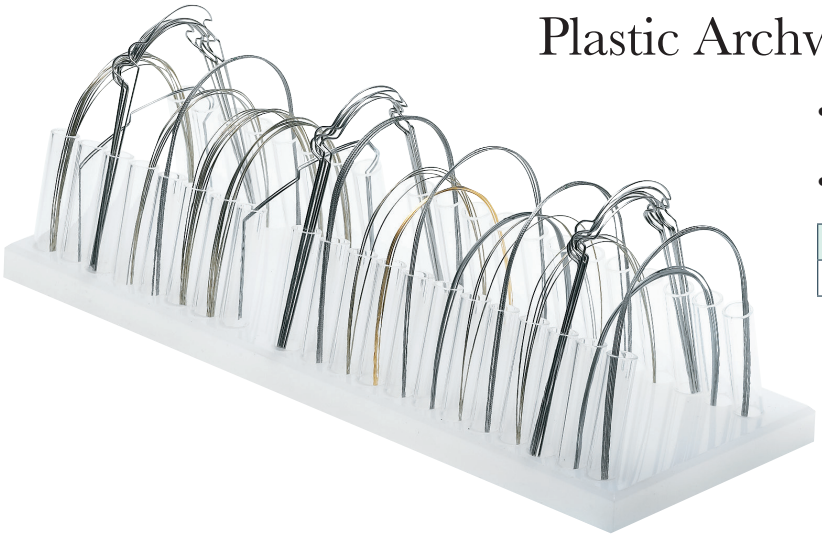
Circular Space Saver Rack

Designed for easy reach and visibility. Outer tube holds pliers, and inner tube holds straight instruments.

- 5⅜" diameter x 4¼" H (13.7 cm x 10.8 cm)
- Inner ring: 1¼" diameter (3.2 cm)
- Outer ring: 3⅞" diameter (9.8 cm)

ITEM NO.
4150-508





Plastic Archwire Organizer

- 11" W x 3⅝" H (28 cm x 9.7 cm)
- Holds 20 sizes of archwires

ITEM NO.
4811-010

Acrylic Archwire Holder with Cover

- 7¾" W x 4½" H x 4" D (19.7 cm x 11.4 cm x 10.2 cm)
- Holds 12 sizes of archwires

ITEM NO.
4811-025





Acrylic Storage Rack for Wax Packs

Conveniently organizes up to 100 packs of wax by color/scent. Makes it easy to find the wax you need, or let patients dispense their own.

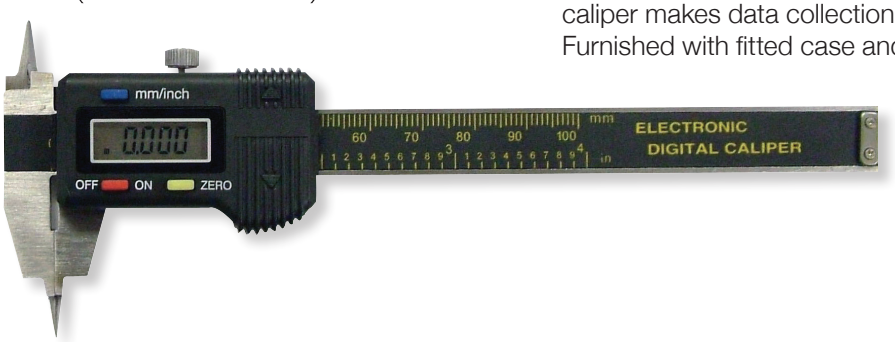
- 8½" W x 4¼" D x 8 H" (21.6 cm x 10.8 cm x 20.3 cm)
- Holds 100 Packs

ITEM NO.
2034-100

See page 125 for MASEL Relief Wax

Electronic Digital Pointed-Jaw Caliper 4" (101.6 mm)

Specifically designed for precise dental measurements, this digital caliper makes data collection fast and accurate in inches or millimeters. Furnished with fitted case and extra battery.



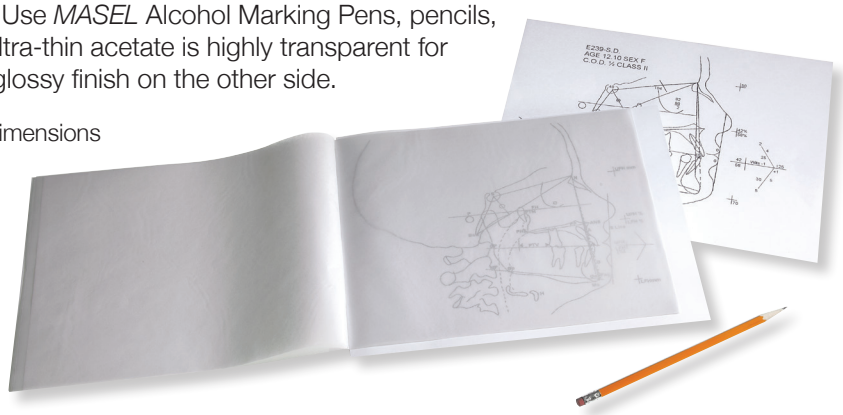
ITEM NO.
3805-315

Cephalometric Tracing Paper

Tear-resistant acetate yields clean, sharp tracing. Use *MASEL* Alcohol Marking Pens, pencils, or markers for crisp, clean radiograph tracings. Ultra-thin acetate is highly transparent for clear viewing. Features matte finish on one side, glossy finish on the other side.

- 8" W x 10" L (20.3 cm x 25.4 cm) sheets are same dimensions as cephalometric x-ray film
- .003" (.076 mm) thickness
- 100 sheets per pad

ITEM NO.
2034-007



Disposable Archwire Markers

- Consistent machine dipped wax tips will not melt or crack
- Precise marking and adhesion to dry metal surfaces
- Attractive dispenser keeps work area organized and hygienic
- Inexpensive and disposable
- 100 per pack

DESCRIPTION	ITEM NO.
Markers	4000-202
Dispenser	4000-203



Alcohol Marking Pens

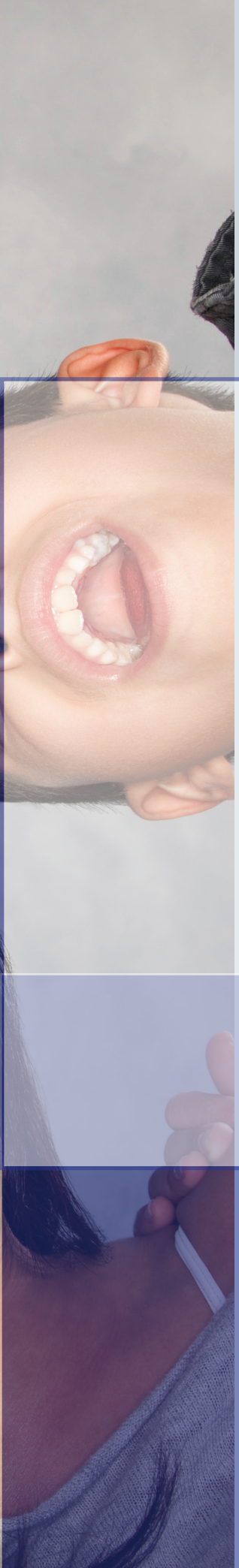
These alcohol-based pens are specially made for the moist oral/lab environment. Color-code and mark all types of acrylic, wire, plaster, and stone models. Pens feature an extra-fine tip.

DESCRIPTION	ITEM NO.
Red	1390-626
Green	1390-627
Black	1390-628
Blue	1390-629



PLIERS AND INSTRUMENTS





Triumph Orthodontic Instruments **M-3**

Ortho Series Pliers **M-9**

Choice Orthodontic Instruments **M-19**

Mathieus **M-26**

Instruments **M-27**

Auxiliaries **M-29**

Organizers **M-30**

Mouth Mirror and Caliper **M-31**

Lubrication **M-32**

Triumph Orthodontic Instruments

Quality and engineering come together for outstanding performance

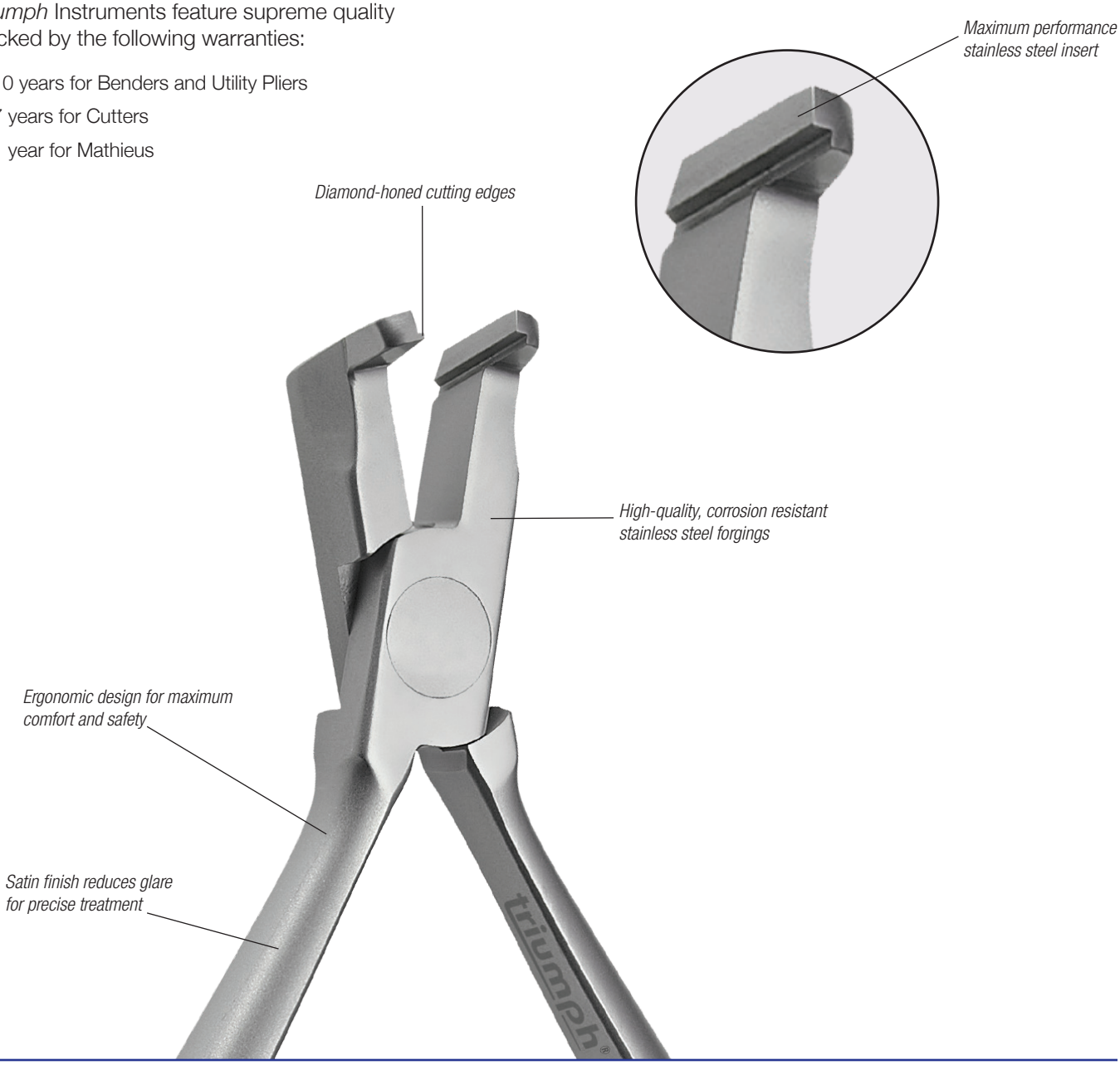
The *Triumph* Orthodontic Instrument line provides the orthodontic professional an exquisite product offering of instruments. The attention to detail in the engineering of these durable, high-quality instruments is unmatched in the industry.

- Bonding pliers offer a smooth, radius joint
- Instrument tips stay aligned and perform smoothly for stress-free use
- Laser engraved part number and applicable wire sizes for easy identification

triumph®
Orthodontic Instruments
Quality. Elegance. Innovation.

Triumph Instruments feature supreme quality backed by the following warranties:

- 10 years for Benders and Utility Pliers
- 7 years for Cutters
- 1 year for Mathieus



Cutting Instruments

Distal End Cutter (Safety Hold)

Shear cuts hard wire, and can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).



ITEM NO.
205-101

Distal End Cutter (Safety Hold) With Long Handle

Long handle option that can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).



ITEM NO.
205-101XL

Hard Wire Cutter

Designed to cut hard wire up to .022" x .028" (.56 mm x .71 mm).



ITEM NO.
205-104

Multi-Use Cutter

Designed to cut soft-wire pins and ligature wire up to .015" (.38 mm).



ITEM NO.
205-105

Mini Pin and Ligature Cutter

The smaller tips on this model allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
205-106

Micro Mini Pin and Ligature Cutter

The fine tips on this model allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
205-107

Micro Mini Pin and Ligature Cutter, 15° Angled

15° offset with fine tips allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
205-109

Micro Cutter

The extra fine tips allow access to tight inter-bracket areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
205-110

Distal End Cutter Safety Hold and Flush Cut

The safety hold cutter cuts flush distal to the buccal tube. Cuts all types of archwires up to .020" round (.51 mm) or .019" x .025" rectangular.

ITEM NO.
205-111



Replacement Silicone Insert

- 3 per pack

ITEM NO.
205-011

Utility Pliers

Weingart Pliers

Serrated tips hold wires firmly in the mouth. Tapered beaks fit easily into hard-to-reach areas.



ITEM NO.
205-202

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How Pliers

Serrated tips are designed for superior wire gripping. How Pliers are useful for placement and removal of archwires, pins, and other auxiliaries.



ITEM NO.
205-203

Adhesive Removing Pliers

Superior tip design allows easy access to remove excess adhesive after debonding. Double ended replaceable blade.

ITEM NO.
205-206



Replacement Parts

DESCRIPTION	ITEM NO.
Replacement Blade	205-206B
¼" Replacement Pads (6)	205-206T

Posterior Band Remover, Long

Safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for easy band removal and patient comfort.

ITEM NO.
205-207



Replacement Parts

DESCRIPTION	ITEM NO.
3/16" Replacement Pads (6)	205-207T
¼" Replacement Pads (6)	205-207TT

Debonding Pliers

Safely and easily removes steel, ceramic, and plastic direct bond brackets, and remaining adhesive from the tooth surface.



ITEM NO.
205-219

Angulated Debonding Pliers

The angulated design quickly and easily removes anterior and posterior direct bond brackets.



ITEM NO.
205-220XL

Crown and Band Contouring Pliers

Ideal for reshaping molar bands and crowns.



ITEM NO.
205-221

Wire Forming Pliers

Jarabak Pliers

Excellent for precise wire bending and forming of loops. The fine serrations on the square beak and three precision grooves permit accurate and intricate bends and loops. Wires up to .020" (.51 mm)



ITEM NO.
205-301

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Three Jaw Pliers

Adjust clasps, retainers, and archwires without marring the wire. The precision tips are carefully beveled to create extreme accuracy in adjustments. Wires up to .030" (.76 mm)



ITEM NO.
205-302

Bird Beak Pliers

An instrument for all types of wire bending. The round and pyramid shaped tapered beaks will work with any size wire up to .030" (.76 mm).



ITEM NO.
205-304

Light Wire Pliers With Groove

Precision tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm). The groove ensures a no-slip grip.



ITEM NO.
205-305

Tweed Loop Forming Pliers

Excellent for making precise loops in .045", .060", and .075" diameters in wires up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
205-306

Rectangular Arch Forming Pliers

Easily torque and bend wires without nicking the archwire. .070" blade width. Wires up to .022" x .025" (.53 mm x .64 mm)



ITEM NO.
205-308

Lingual Arch Forming Pliers

Forms double-back and triple-back bends in .030" and .036" wire for lingual sheaths.



ITEM NO.
205-309

Wire Forming Pliers

Hollow Chop Contouring Pliers

Smooth working surfaces allow for consistent forming and contouring of arches up to .030" (.76 mm).



ITEM NO.
205-310

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Light Wire Pliers

Precision tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm).



ITEM NO.
205-318

Stop (V-Bend) Pliers

Place an accurate 1 mm V-Bend with one simple squeeze to shorten archwire or provide a positive stop. Wires up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
205-321

NiTi Three Jaw Pliers

Bends and forms NiTi and all other archwires up to .020" (.51 mm).



ITEM NO.
205-322

Bird Beak Pliers With Cutter

A versatile instrument that bends and cuts archwires up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
205-325

Long Tapered Bird Beak Pliers

Long tapered beaks allow for intricate bends of archwires up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
205-326

NiTi Distal Cinch Back Pliers

Cinches and bends NiTi wire distal to buccal tube. Wires up to .025" (.63 mm).



ITEM NO.
205-327

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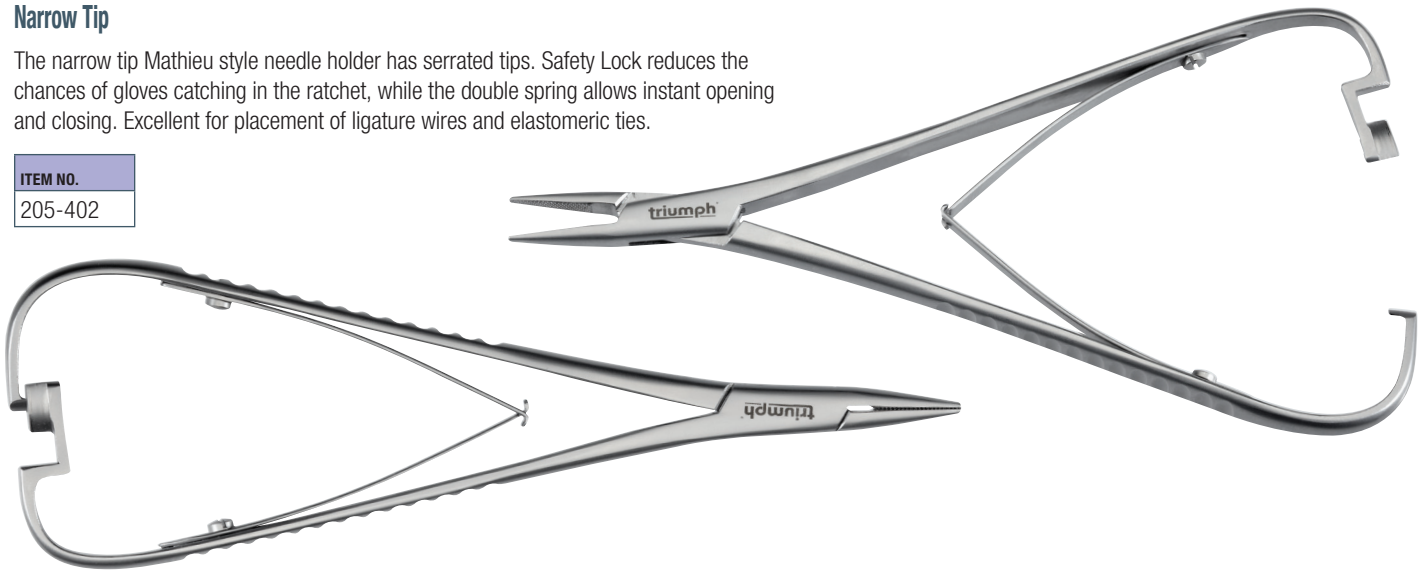
Mathieus



Narrow Tip

The narrow tip Mathieu style needle holder has serrated tips. Safety Lock reduces the chances of gloves catching in the ratchet, while the double spring allows instant opening and closing. Excellent for placement of ligature wires and elastomeric ties.

ITEM NO.
205-402

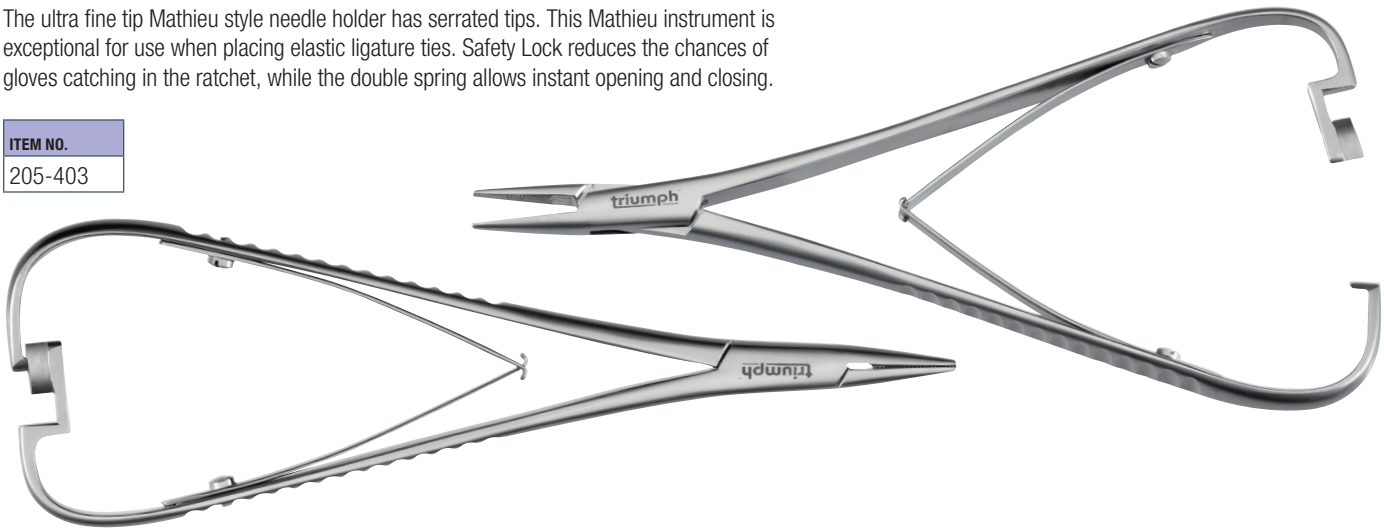




Smaha Ultra Fine Tip

The ultra fine tip Mathieu style needle holder has serrated tips. This Mathieu instrument is exceptional for use when placing elastic ligature ties. Safety Lock reduces the chances of gloves catching in the ratchet, while the double spring allows instant opening and closing.

ITEM NO.
205-403

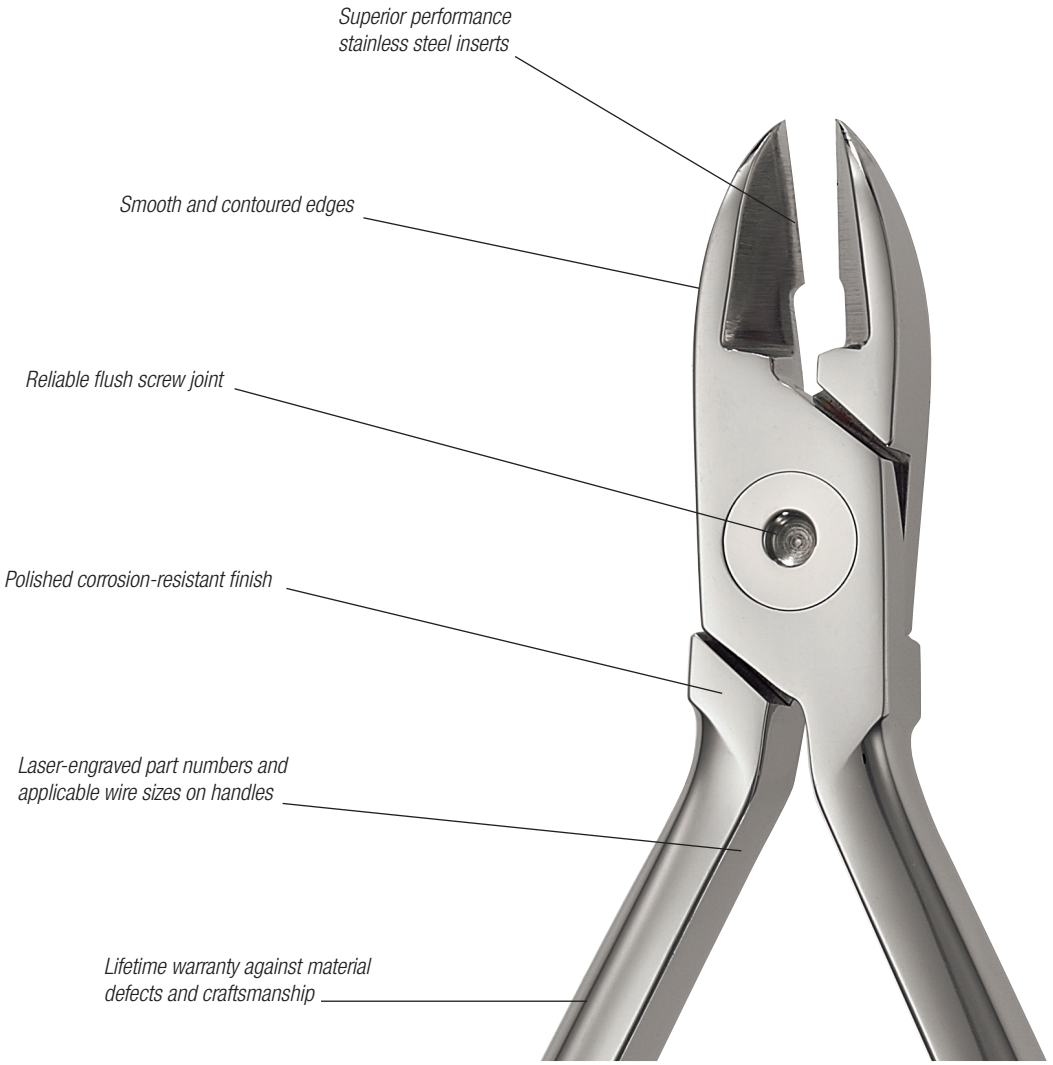


Ortho Series Pliers

Performance, Usability, and Guaranteed Reliability

Our new Ortho Series Pliers have been designed and manufactured with an attention to detail that will assure enhanced performance and longevity. The care and precision that goes into each and every instrument will ensure a quality you can rely on every time you pick one up!

Quality features include:



Cutting Instruments

Distal End Cutter (Safety Hold)

Can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).



ITEM NO.
204-101U

Distal End Cutter (Safety Hold) w/Long Handle

Long handle option that can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).



ITEM NO.
204-101XLU

Distal End Cutter Safety Hold & Flush Cut

The safety hold cutter cuts flush distal to the buccal tube. Cuts all types of wires from .010" (.25 mm) up to .020" (.51 mm).



ITEM NO.
204-111U

Replacement Silicone Insert

- 3 per pack

ITEM NO.
205-011

Small Distal End Cutter (Safety Hold) w/Long Handle

Compact tips for easier access. Safety hold is ideal for cutting wires within the patient's mouth. Pliers shear-cut hard wires close to the buccal tube and hold loose wire.

Maximum cutting capacity: archwires up to .019" x .025" (.48 mm x .64 mm).



ITEM NO.
204-338U

Hard Wire Cutter, 15° Angled

Designed to cut hard wires ranging from .010" (.25 mm) to .022" x .028" (.56 mm x .71 mm).



ITEM NO.
204-103U

Cutting Instruments

Multi-Use Cutter

Designed to cut soft-wire pins and ligature wire up to .015" (.38 mm).



ITEM NO.
204-105U

Micro Mini Pin & Ligature Cutter

The fine tips on this model allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
204-107U

Micro Mini Pin & Ligature Cutter w/Long Handle

Long handled option that allows even easier access into those hard-to-reach areas. Also designed to cut soft wires up to .012" (.30 mm).



ITEM NO.
204-107XLU

Micro Mini Pin & Ligature Cutter, 15° Angled

15° offset with fine tips allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
204-109U

Micro Cutter

The extra fine tips allow access to tight inter-bracket areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).



ITEM NO.
204-110U

Utility Pliers

Slim Weingart Pliers

Serrated tips hold wires firmly in the mouth. Tapered beaks fit easily into hard-to-reach areas.



ITEM NO.
204-202U

How Pliers

Serrated tips are designed for superior wire gripping. How Pliers are useful for placement and removal of archwires pins, and other auxiliaries.



ITEM NO.
204-203U

Crown & Band Contouring Pliers

Ideal for reshaping molar bands and crowns.



ITEM NO.
204-221U

Utility Arch Pliers

Special design with 3 mm step for accurate utility arch construction. The notches in pliers' beak crimp preformed utility archwires into proper position.



ITEM NO.
204-334U

Utility Pliers

Angled Utility Arch Pliers

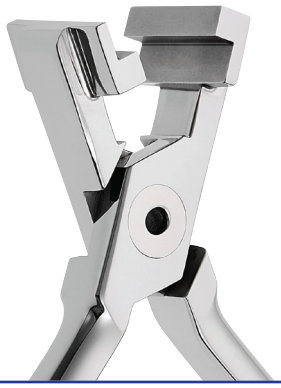
Angled beak with pin simplifies the placement and manipulation of preformed utility archwires. Forms 3 mm steps for accurate utility arch construction. Preformed utility archwires can be easily crimped in the mouth.



ITEM NO.
204-335U

3 mm Utility Pliers

Automatically form a 3 mm step in archwire. Excellent instrument for bending utility archwires.



ITEM NO.
204-336U

Hook Crimping Pliers, Straight

Designed for placement and securing of crimpable archwire hooks and power hooks. Straight beak allows for direct placement of hook on archwire.



ITEM NO.
204-332U

Hook Crimping Pliers, Angled

Designed for placement and securing of crimpable archwire hooks and power hooks. Angled beak allows for precise placement of hook on archwire.



ITEM NO.
204-333U

Debonding Pliers

Posterior Band Removing Pliers, Long

Safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for easy band removal and patient comfort.



DESCRIPTION	ITEM NO.
Posterior Band Removing Pliers, Long	204-207U
3/16" Replacement Pads (6)	205-207T
¼" Replacement Pads (6)	205-207TT

DB Bracket Removing Pliers*

Safely and easily removes steel, ceramic, and plastic direct bond brackets and remaining adhesive from the tooth surface.



ITEM NO.
204-213U

Adhesive Removing Pliers

Superior tip design allows easy access to remove excess adhesive after debonding. Double-ended replaceable blade.



DESCRIPTION	ITEM NO.
Adhesive Removing Pliers	204-206U
Replacement Blade	205-206B
¼" Replacement Pads (6)	205-206T

Debonding Pliers

Safely and easily removes steel, ceramic, and plastic direct bond brackets and remaining adhesive from the tooth surface.



ITEM NO.
204-219U

Angulated Debonding Pliers

The angulated design quickly and easily removes anterior and posterior direct bond brackets.



ITEM NO.
204-220XLU

tip!

After debonding, you may wish to utilize MASEL's selection of orthodontic burs.



Orthodontic Burs
See page I13

* Call for availability.

Wire Forming

Jarabak Pliers

Excellent for precise wire bending and forming of loops. The fine serrations on the square beak and three precision grooves permit accurate and intricate bends and loops.

Wires up to .020" (.51 mm)



ITEM NO.
204-301U

Three Jaw Pliers

Adjust clasps, retainers, and archwires without marring the wire. The precision tips are carefully beveled to create extreme accuracy in adjustments.

Wires up to .030" (.76 mm)



ITEM NO.
204-302U

Bird Beak Pliers

An instrument for all types of wire bending. The round- and pyramid-shaped tapered beaks will work with any size wire up to .030" (.76 mm).



ITEM NO.
204-304U

Light Wire Bird Beak Pliers w/Groove

Precision-tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm). The groove ensures a no-slip grip.



ITEM NO.
204-305U

Tweed Loop Forming Pliers

Excellent for making precise loops in .045" (1.1 mm), .060" (1.5 mm), and .075" (1.9 mm) diameters in wires up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
204-306U

Wire Forming

Detailing Step Pliers .50 mm

Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down at .50 mm increments.

ITEM NO.
204-329U



Detailing Step Pliers .75 mm

Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down at .75 mm increments.

ITEM NO.
204-330U



Detailing Step Pliers 1 mm

Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down at 1 mm increments.

ITEM NO.
204-331U



Torquing Pliers Set w/Key

Specifically designed to place torquing bend into the small sections of archwires (such as a bend for a single tooth) without distorting adjacent sections of the archwire. Two-piece set consists of one torquing plier and corresponding key.

ITEM NO.
204-337U



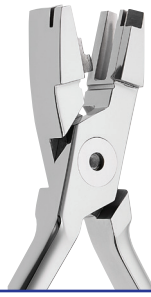


Loop Tie Back Pliers

Four-step pliers automatically form loops on wire up to .020" (.51 mm) with one motion. Closing loops are easily made to desired height.

ITEM NO.
204-328U





Wire Forming

Arch Bending Pliers

Easily torque and bend wires without nicking the archwire. .070" (1.8 mm) blade width.

Wires up to .022" x .025" (.53 mm x .64 mm)



ITEM NO.
204-307U

Lingual Arch Forming Pliers

Forms double-back and triple-back bends in .030" (.76 mm) and .036" (.91 mm) wire for lingual sheaths.



ITEM NO.
204-309U

Hollow Chop Contouring Pliers

Smooth working surfaces allow for consistent forming and contouring of arches up to .030" (.76 mm).



ITEM NO.
204-310U

Mini Three Jaw Pliers

Precision tips for accurate wire and clasp adjusting and contouring. Also excellent pliers for bonding of orthopedic appliances. Superior strength for wires up to .030" (.76 mm).



ITEM NO.
204-312U

Light Wire Bird Beak Pliers

Precision tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm).



ITEM NO.
204-318U

Wire Forming

Nance Loop Forming Pliers

Precision loop forming with four step tip (3, 4, 5, and 6 mm). Excellent for wires up to .022" (.53 mm). Non-serrated tips and beveled edges prevent wire scoring.



ITEM NO.
204-319U

Adams Pliers

Tapered square beaks; .045" (1.1 mm) at tip and parallel at 1 mm opening, ideal for placing all types of attachments or bending wire up to .40" (1.0 mm).



ITEM NO.
204-320U

Stop (V-Bend) Pliers

Place an accurate 1 mm V-bend with one simple squeeze to shorten archwire or provide a positive stop. Wires up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
204-321U

Optical Pliers

Round and concave beaks bend round or rectangular wire with a firm grip that will not score wire. Easily bends and forms all types of wire up to .022" x .025" (.53 mm x .64 mm).



ITEM NO.
204-323U

Bird Beak Pliers w/Cutter

A versatile instrument that bends and cuts wire ranging from .015" (.38 mm) to .025" (.64 mm).



ITEM NO.
204-325U

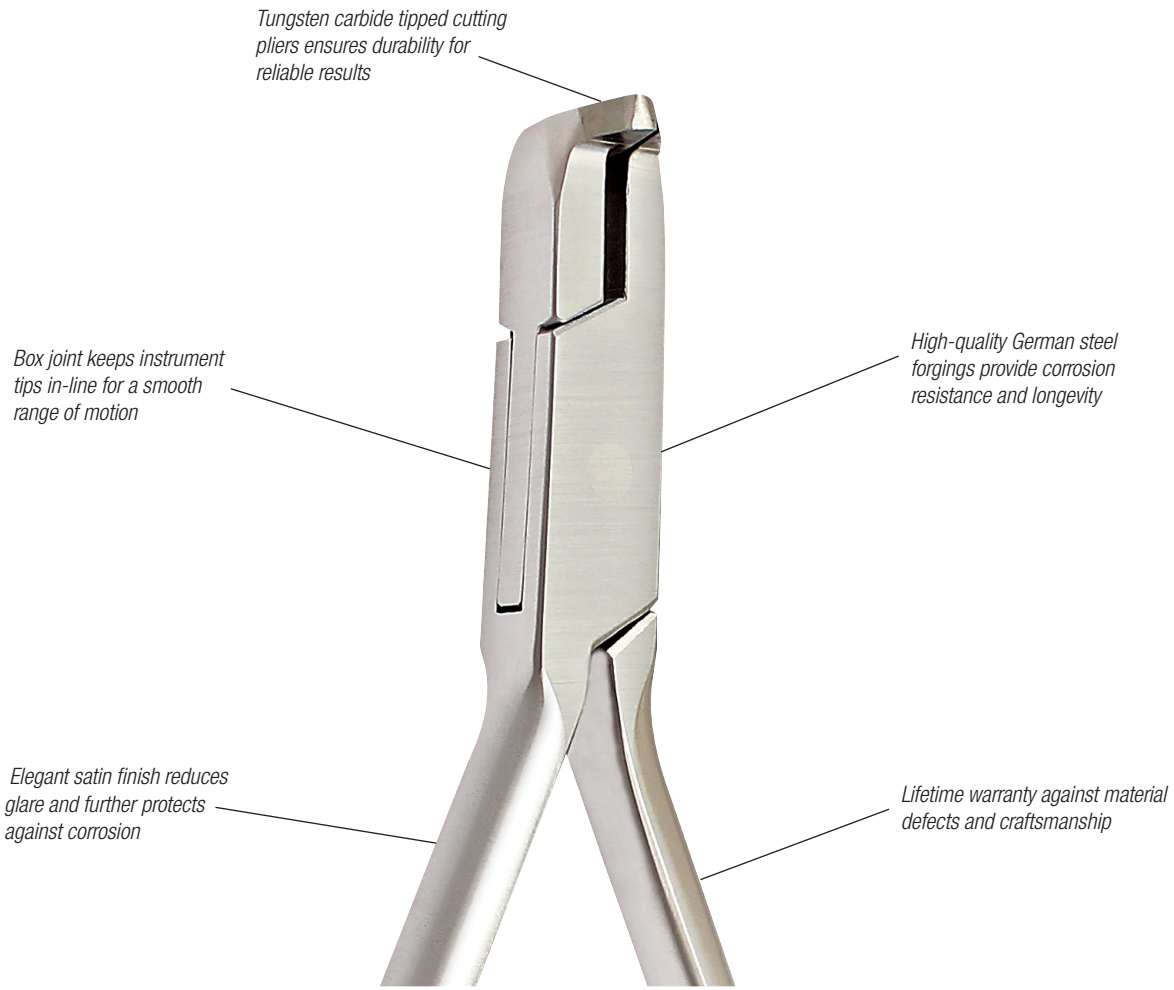
MASEL Choice Orthodontic Instruments

Dependable performance and superior corrosion resistance

The *MASEL* Choice Orthodontic Instrument line offers stylish and strong instruments:

- High-quality, surgical-grade German steel forgings
- Striking satin finish
- Dependable boxed hinges
- Lifetime warranty against material defects and craftsmanship

Quality features include:



Distal End Cutters

Distal End Cutter (Safety Hold)

Finely balanced with fatigue-free operation. Works on hard round, rectangular, and braided wires. Safety hold eliminates flying wire shards. Cuts and holds securely in one quick motion.

ITEM NO.
4151-617

WIRE CUTTING RANGE	
●	.012" to .020"
▬	Up to .022" x .028"
⊗	.0155" to .0215"
⊠	Up to .021" x .025"



Flush-cut Distal End Cutter (Safety Hold)

The safety hold cutter cuts flush distal to the buccal tube. Design eliminates the need for a holding spring.

ITEM NO.
4151-609

WIRE CUTTING RANGE	
●	.014" to .018"
▬	Up to .017" x .022"



Distal End Cutter (Safety Hold) w/ Long Handle

Extra length handle gives you superior control when cutting behind second molars, along with greater visibility of the oral cavity. Will not fray multi-strand wires.

ITEM NO.
4151-619

WIRE CUTTING RANGE	
●	.012" to .020"
▬	Up to .021" x .025"
⊗	.0155" to .0215"
⊠	Up to .018" x .025"



Spring Flush-cut Distal End Cutter (Safety Hold)

These standard size pliers give you superior control when cutting behind second molars, along with greater visibility of the oral cavity. Spring-rod prevents tissue impingement and maintains greater tension for longer spring life.

ITEM NO.
4151-621

WIRE CUTTING RANGE	
●	.012" to .018"
▬	Up to .022" x .028"



Mini Distal End Cutter (Safety Hold)

Compact design gives greater range of motion in tight areas. Same safety hold feature as standard size model. 110 mm in length.

ITEM NO.
4151-618

WIRE CUTTING RANGE	
●	.012" to .020"
▬	Up to .018" x .025"
⊗	.0155" to .0215"
⊠	Up to .018" x .025"



Cutters

Micro Pin & Ligature Cutter

Overall dimensions are 10% smaller than our standard pin and ligature cutter. That means easier access in small mouths, and fatigue-free comfort for clinicians with smaller hands. Our smallest model.



ITEM NO.	WIRE CUTTING RANGE
4151-604	Soft Wires .010" to .018"

Pin and Ligature Cutter

The best of both worlds—small cutting head for better mobility and view of operative site, plus full-sized handles for better heft and feel. Tapered tips easily reach difficult areas.



ITEM NO.	WIRE CUTTING RANGE
4151-605	Soft Wires .010" to .018"

Hard Wire Cutter

Hardened cutting edges make short work of hard round and rectangular wires. Slightly larger head size for increased durability, and a standard handle length for a sure, non-slip grip.



ITEM NO.	WIRE CUTTING RANGE
4151-610	.012" to .020"
	Up to .022" x .028"
	.0155" to .0215"
	Up to .021" x .025"

Angled Slim Nose Pin & Ligature Cutter

Slim 15˚ nose design allows easy access under bracket tie-wings for fast, sure, and easy cutting of ligatures. Tapered profile and tip slant makes cutting a snap.



ITEM NO.	WIRE CUTTING RANGE
4151-611	Soft Wires .010" to .018"

Jarabak w/ Cutter

Precision matched tips enable precise wire bends. A diamond-honed cutter at the base of the beak will cut and bend wires quickly and easily. Grooves ensure accurate bending and closing of loops.



ITEM NO.	WIRE CUTTING RANGE	TIPS
4151-626	.012" to .020"	.030"
	Up to .016" x .022"	.030"

Light Wire Bird Beak w/ Cutter

For fabricating omega, helix, or retraction loops. Choose the cutter model for bending and cutting wires.



DESCRIPTION	ITEM NO.	WIRE BENDING RANGE	TIPS
With Cutter	4151-633	.012" to .020"	.025"
		Up to .016" x .022"	.025"

Wire Forming and Bending Pliers

Distal Cinch Back Pliers

The distal cinch back pliers handle the difficult task of cinching the wire behind the buccal tube with one squeeze after the wire is ligated. They will not distort the archwire and eliminate the need to anneal NiTi wire. They also help eliminate emergency visits due to wire slippage out of the buccal tubes.



ITEM NO.	WIRE CINCHING RANGE
4151-695	● Up to .020"
	▬ Up to .018" x .025"

Adams Pliers

Built to take the pressure required to work all adams clasps and to reduce discomfort for the user. Both beaks are flat surfaces, with jaws parallel at .040" opening. Rugged construction ensures long working life.



ITEM NO.	WIRE BENDING RANGE	TIPS
4151-650	● .014" to .036"	.035"
	▬ Up to .022" x .028"	.035"

Tweed Arch Forming Pliers

Use these specialty pliers for torquing and bending, for offsets, or for 90˚ bends on round, rectangular, and square wires. Radii on tip edges do not mar or fray wire during torquing.



ITEM NO.	WIRE BENDING RANGE
4151-640	● Up to .020"
	▬ Up to .022" x .028"

Secure Hold Bird Beak Pliers

Whether you're working with round or rectangular wires, these pliers give you a remarkably stable platform for difficult-to-fabricate clasps thanks to the serrated, non-slip surface of the flat beak, and a closing groove.



ITEM NO.	WIRE BENDING RANGE	TIPS
4151-634	● .012" to .030"	.030"
	▬ Up to .022" x .028"	.040"

Tweed Loop Forming Pliers

Three graduated segments (.045", .075", .095") of the round tip allow you to form three different-sized loops. Also ideal for tie-backs and closing loops.



ITEM NO.	WIRE FORMING RANGE
4151-681	● .012" to .020"
	▬ Up to .016" x .022"

Debonding Pliers



tip! *After brackets are debonded,* **MI Paste Plus** *helps to remineralize white spots and optimize the tooth's appearance. Patients will appreciate your consideration of their aesthetic needs.*

Item No. 480-150
See page D9

Straight Bracket Removing Pliers

Safely and easily removes steel, ceramic, and plastic direct bond brackets, plus the remaining adhesive from the tooth surface.



DESCRIPTION	ITEM NO.
Straight	4151-652

Angled Bracket Removing Pliers

The angulated design quickly and easily removes anterior and posterior direct bond brackets.



DESCRIPTION	ITEM NO.
Angled	4151-653

Adhesive Removing Pliers

Sleek design for use in all areas of the mouth. Replaceable double-ended Tungsten Carbide tip is designed to remove bond material without damage to tooth.



ITEM NO.
4151-655

Replacement Parts

DESCRIPTION	ITEM NO.
Tungsten Carbide Tip	4151-937
Bushings (6 per pack)	4151-942

Posterior Band Removing Pliers w/ Long Handle

Safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for easy band removal and patient comfort.



Replacement Bushings
- 6 per pack

DESCRIPTION	ITEM NO.
Long	4151-654

ITEM NO.
4151-942

High Force Band Removing Pliers

Similar to Item No. 4151-654, but a stronger design for stubborn posterior band removal.



Replacement Bushings
- 6 per pack

ITEM NO.
4151-656

ITEM NO.
4151-942

Crown and Band Crimping Pliers

Slim tip makes it simple to crimp and reform crowns and bands for a snug fit. Slim design of the matching concave and convex beaks ensures better control.



ITEM NO.
4151-662

Specialty Pliers

"V" Notch Stop Pliers

A single closure forms a precise 1 mm "V" stop to shorten wire or provide a positive stop. Eliminates unscheduled appointments to reseat wires and saves you valuable chair time.



ITEM NO.	WIRE BENDING RANGE
4151-649	.012" to .020" / Up to .017" x .022"

Headgear Pliers

These heavyweight pliers safely bend the toughest outer facebows. Solid stainless steel forging, short beaks, and triple head construction provide all the force you need.



ITEM NO.	WIRE FORMING RANGE
4151-616	.045" to .075"

Intraoral Detailing Pliers

Fabricate delicate offsets in wire accurately and quickly. Ideal for bends to engage lingually positioned teeth. Also good for by-pass and 2nd order bends. Makes 1 mm bends.



DESCRIPTION	ITEM NO.	WIRE BENDING RANGE
Left	4151-643	.012" to .020" / Up to .022" x .028"
Right	4151-644	

Torquing Pliers Set

Use this set to apply torque to any specific tooth at any time during treatment. For use with any size rectangular wire, the set even allows you to place labial and lingual torque on adjoining teeth.



DESCRIPTION	ITEM NO.	WIRE TORQUING RANGE
Male	4151-623	Up to .022" x .028"
Female	4151-624	

Double-sided Detailing Pliers

Intraoral detailing without disengaging wire means significant time savings. Step up, down, in, or out. Tips are at a right angle from handle to allow easy access to the wire.



DESCRIPTION	ITEM NO.	WIRE BENDING RANGE
1 mm	4151-645	.012" to .020" / Up to .022" x .028"

Hook Crimping Pliers

Does its job perfectly intra- or extraorally. Slotted design fits over the base of hook and holds it securely while crimping.



ITEM NO.
4151-663

Lab and Utility Pliers

Three-Prong Bending Pliers

Ideal for adjusting and contouring wires, clasps, and retainers no smaller than .020" at tip, and no larger than .030" at base of jaws.



ITEM NO.	WIRE FORMING RANGE
4151-612	.020" to .030"

Three-Prong Pliers w/ Groove

Produce superior clasps and intraoral loops. One beak has a center slot that accommodates the narrow center shaft on the opposing jaw. Shortened tips give more torquing strength, and groove holds wire firmly for more consistent bends.



ITEM NO.	WIRE BENDING RANGE
4151-639	.014" to .032" Up to .022" x .028"

Three-Prong Lab Pliers w/ Groove

Bends easily and accurately without loss of alignment. Shorter tips allow for more strength, while groove at tip gives more consistent bends. Ideal pliers for fabricating clasps or making adjustments to lip bumpers.



ITEM NO.	WIRE BENDING RANGE
4151-641	

Lab Wire Bird Beak Pliers

Heavy duty bird beak pliers have a serrated rectangular tip and a smooth round tip, with jaws parallel at .040" opening. Tips are sandblasted for non-slip gripping. Slightly longer than standard size, and are heavier to allow the application of the force needed to bend .056" wires.



ITEM NO.	WIRE BENDING RANGE	TIPS
4151-670	.016" to .056" Up to .022" x .028"	.045" .050"

Weingart Pliers

General utility pliers that feature an offset beak for a convenient working angle, fully serrated tips, and bowed jaws that won't pinch lips. Inserted for extended working life.



ITEM NO.
4151-687

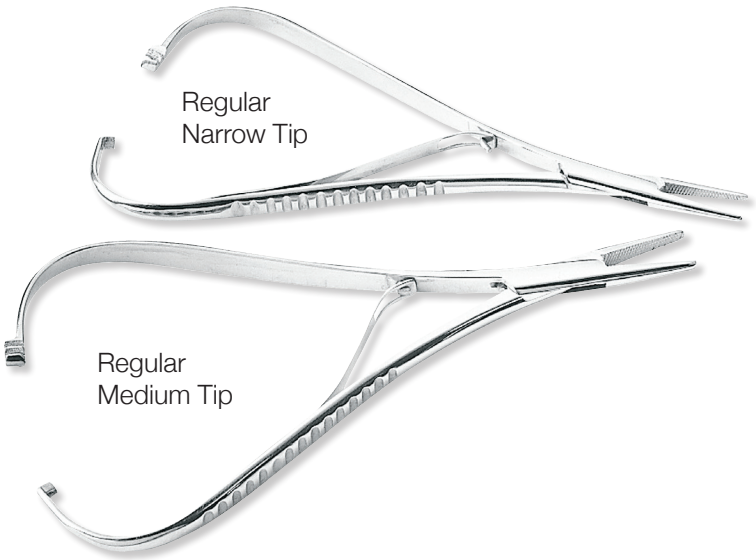
Heavy Duty Lab Cutter

Compound action guarantees accurate cuts. Features precise alignment. Ideal for inner headgear bows.



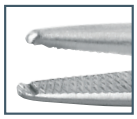
ITEM NO.	WIRE CUTTING RANGE
4150-814	.020" to .045"

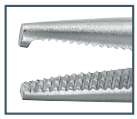
Mathieus

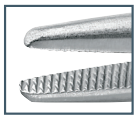


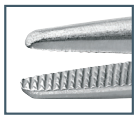
Standard Mathieus

Solid construction, classic design, and refined finish. *MASEL's* Mathieu pliers are an ideal instrument for all ligating duties.


Hollo-Form™ *Tip*


Hook Tip


Regular Medium Tip


Regular Narrow Tip

DESCRIPTION	ITEM NO.
Hollo-Form Tip	4150-893
Hook Tip	4150-895
Regular Medium Tip	4150-898
Regular Narrow Tip	4150-899

Tungsten Carbide Tip Mathieus

Features gold-tone handles and double-spring action for a better squeeze and grip.

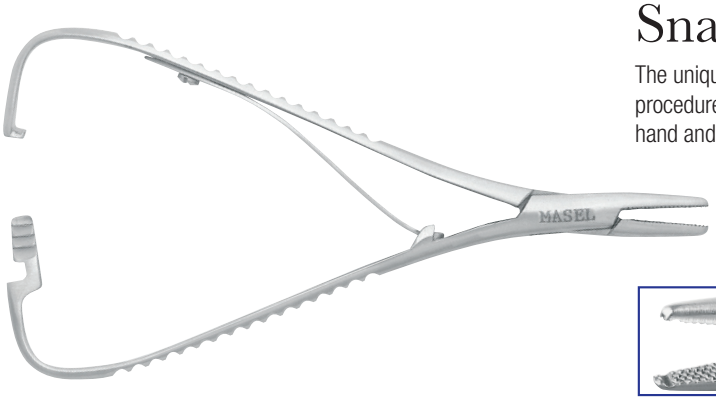
DESCRIPTION	ITEM NO.
Medium Tip	4260-341
SnagFree Narrow Tip	4260-342



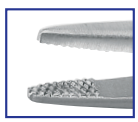


SnagFree Mathieu

The unique recessed locking mechanism prevents gloves from interfering with "tie-in" procedures. Inside-placed jaws allow better squeeze and grip, with less force on your hand and wrist. The box joint offers better alignment and smoother feel during usage.




Hollo-Form *Tip*


Regular Slim Tip

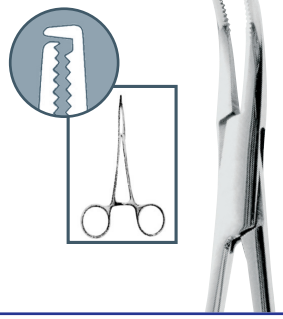
DESCRIPTION	ITEM NO.
SnagFree Hollo-Form Tip	4150-393
SnagFree Regular Slim Tip	4150-398

Instruments

Mosquito Forceps

Available with and without hook tip.
Excellent for placing ligating modules.
Hook on tip allows for easy non-slip grip of any type of elastomeric.

DESCRIPTION	TIP	ITEM NO.
Straight	Without Hook	4150-919
Straight	With Hook	4150-922
Curved	Without Hook	4150-924



Original Keats Placing Tweezers

These surgical stainless steel tweezers feature a curved body design that allows a clear view for precise bracket placement on both posterior and anterior teeth. The slim tip fits into hard-to-reach areas and ensures a positive grip on brackets and buccal tubes for enhanced stability.





ITEM NO.
4260-343

Reverse Action Keats Tweezers

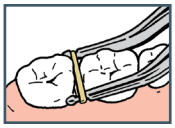
Ensures stability by holding brackets and tubes firmly in place during the bonding process due to the reverse-action handles. The slim tip fits into hard-to-reach areas like buccal tubes and behind tie-wings. The opposite end conveniently aids in placing brackets, and aligning them in the wire slot.



ITEM NO.
4260-344

Module Separating Pliers

Curved design of the beaks makes separating module placement easier. Reverse action of non-slip grooved tip elongates and thins modules, making it easier to fit between tight contacts.



ITEM NO.
4150-953



All-Purpose Scissors 4½" (11.4 cm)

These all purpose slightly curved scissors cut band material, wire mesh, fine wires, elastomerics, and more.

ITEM NO.
4150-900



Festooning Scissors

Small scissors for precision cutting are ideal for festooning bands and crowns. Small sharp blades reach into the smallest anterior bands.

ITEM NO.
4150-935



Direct Bonding Tweezer

Reverse action tweezer assures positive grip on brackets. Makes pre-loading possible and bracket transfer easy. Holds any single size bracket.

ITEM NO.
4150-921



Bracket Placing Tweezer

Extra small tip allows better view of bracket. Especially useful for reaching posterior region or lingual bonding. Reverse action grips bracket securely.

ITEM NO.
4150-925



Band Pusher/Seater

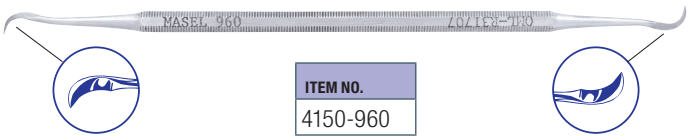
Slip-resistant positive grip is designed to give you maximum control. Full grip handle and precisely angled, serrated pushing tip ensure accurate placement. Greatly reduces risk of slippage and trauma to gingiva.

ITEM NO.
4150-976



Instruments

Double-Ended Scaler
When scaling cement from several teeth, as one end fills, flip the instrument over and keep scaling without skipping a beat. Fine point tips let you reach the tightest areas with ease.



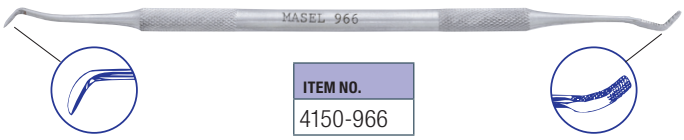
ITEM NO. 4150-960

Double-Ended Ligature Director
For convenience and speed, the straight end works for anterior teeth, and the angled end gives maximum working access to posterior molars. Mesially or distally, you'll tuck pig-tails securely out of the way, eliminating soft tissue irritation.



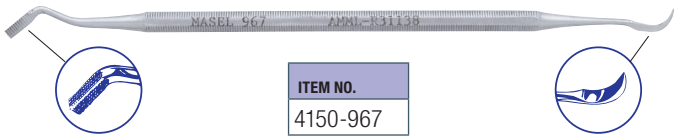
ITEM NO. 4150-961

Band Seater/Scaler
Two important orthodontic tools in one. Curved band seater lets you apply evenly distributed force for proper band placement—no slippage or improper seating. Use versatile scaler to check for gaps between band and tooth or for scaling excess cement.



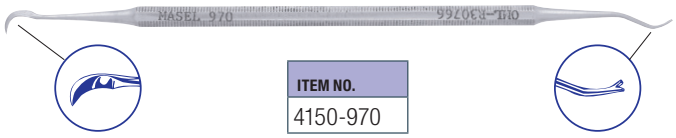
ITEM NO. 4150-966

Scaler/Pusher
Seat bands securely the first time with one end; switch to the other end to check the fit—a natural combination that makes for convenience and efficiency.



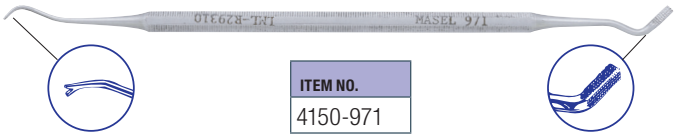
ITEM NO. 4150-967

Scaler-Director
Functional, all purpose scaler on one end, a handy ligature director on the other. This balanced, stainless steel instrument is easy to handle and completely autoclavable.



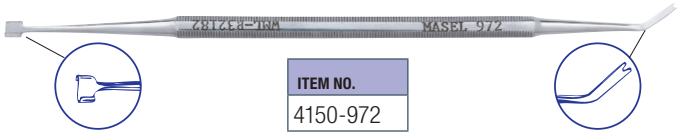
ITEM NO. 4150-970

Ligature Pusher-Director
Finely serrated band pusher on one end provides firm but gentle control for band seating. For general ligature directing procedures, the other end of this instrument makes this a popular, functional tool.



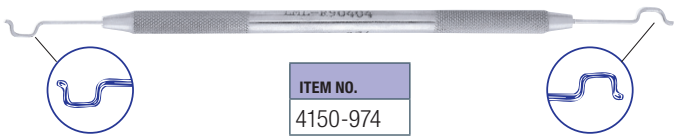
ITEM NO. 4150-971

Ligature Tying/Tucking Instrument
This stainless steel instrument saves time because it combines a ligature tying and tucking tool into one well balanced instrument.



ITEM NO. 4150-972

Twirl-On Elastic Placing Instrument
Tip design lets you handle elastics easier than ever. You'll be amazed at how this all stainless steel tool speeds you through elastic ligature placing/tying.



ITEM NO. 4150-974

Double-Ended Explorer
Curved on one end and slightly angled on the other, this explorer has the versatility to remove elastics easily from the anterior or posterior sections of the mouth.



ITEM NO. 4150-981

Single-Ended Explorer
This explorer works great for removing elastics, and is designed for customers that prefer a single-ended instrument.

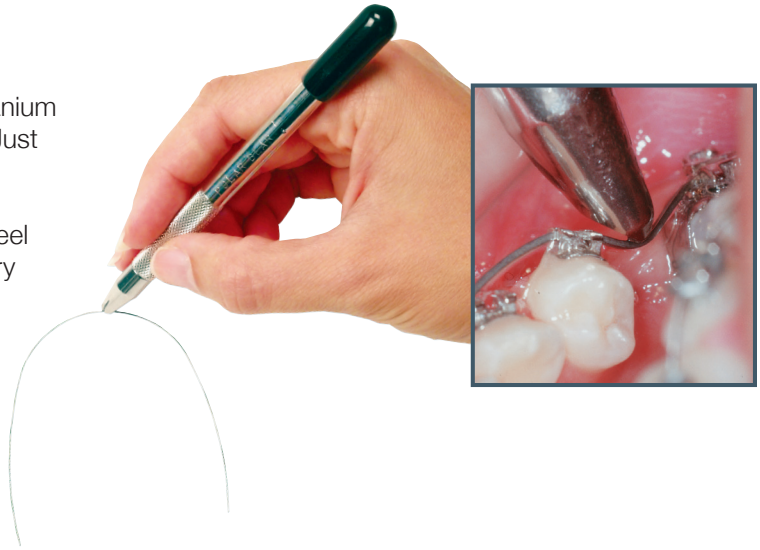


ITEM NO. 4150-968

Nickel Titanium Chill Instrument

This lightweight, compact instrument puts all nickel titanium wires into the martensitic state to facilitate easy tie-in. Just remove cap, fill with water, and freeze. After it is frozen, touch any part of a nickel titanium archwire, and it will immediately become soft and flexible. This stainless steel instrument is simple to use and fully autoclavable, or dry heat sterilizable with the rubber cap removed.

ITEM NO.
4150-962



Quik-Tie Twister

Handy pencil-sized twist holder loads at the flick of a finger, firmly holds all pre-twisted and pre-cut ligatures and Kobayashi *Quik-Ties.* Non-slip grip releases only on command. Stands up to heat sterilization or cold disinfecting.

ITEM NO.
4150-975



High Heat Bite Stick

Long handle reaches second molars easily, and serrated triangular biting surface ensures secure contact. High heat sterilizable up to 350˚F (177˚C).

ITEM NO.
4150-951



Autoclavable Code Rings

Identify instruments and avoid costly errors. Tough, non-fade, high temperature silicone withstands repeated autoclave temperatures up to 370˚F (188˚). Will not discolor or distort during sterilization.

- 100 per pack



DESCRIPTION	ITEM NO.
Red	4250-721
Gold	4250-722
Blue	4250-723
Light Gray	4250-724
Plum	4250-725
Orange	4250-727
White	4250-729
Pink	4250-730
Green	4250-731
Assorted, includes all 12 colors in Kit	4250-733

Code Ring Assortment Kit

Kit includes:

- *600 Code Rings, 50 each of Blue, Light Gray, Plum, Orange, White, Gold, Beige, Black, Brown, Green, Red, and Pink*
- *1 Box with Dividers*

ITEM NO.
4250-710



Instrument Racks

Pliers Rack with Hinged Cover

The hinged cover protects pliers while allowing easy access.

- Holds up to 10 instruments
- 8" W x 6½" D x 8" H
  (20.3 cm x 16.5 cm x 20.3 cm)

ITEM NO.
4811-024



Pliers Organizer

Extra-wide base prevents accidental tipping.

- Holds up to 12 instruments
- Base: 5½" D x 9" W
  (14 cm x 22.9 cm)

ITEM NO.
4150-501



Combination Rack

Holds instruments as well as ligature wire, scalers, and directors. Compact in design—large in capacity.

- Base: 3½" W x 7" D
  (8.9 cm x 17.8 cm)

ITEM NO.
4150-502



Circular Space Saver Rack

Designed for easy reach and visibility. Outer tube holds pliers, and inner tube holds straight instruments.

- 5⅜" diameter x 4¼" H
  (13.7 cm x 10.8 cm)
- Inner ring: 1¼" diameter (3.2 cm)
- Outer ring: 3⅞" diameter (9.8 cm)

ITEM NO.
4150-508



Low-Profile Drawer Type (2)

This low-profile rack fits into drawers with a 4" (10.1 cm) height. Features a spacious utility compartment.

- 3¾" (9.5 cm) high with pliers in place
- 6$^{3}/_{16}$" W x 9⅝" D x 2½" H
  (15.7 cm x 24.4 cm x 6.4 cm)

ITEM NO.
4150-507



Super Station

Seven horizontal pliers slots and seven clear vertical tubes take the guesswork out of finding your supplies. Slots and vertical tubes are removable for easy cleaning, or to store the organizer in a drawer.

- Base: 6½" W x 9" D
  (16.5 cm x 22.9 cm)

ITEM NO.
4150-503



Mouth Mirror

Size #5 with Hollow Form Handle

This lightweight mouth mirror comes in the popular #5 size and features an ergonomically designed, lightweight handle, making it easy to grip and reposition.

This durable, comfortable instrument is autoclavable for efficient sterilization.

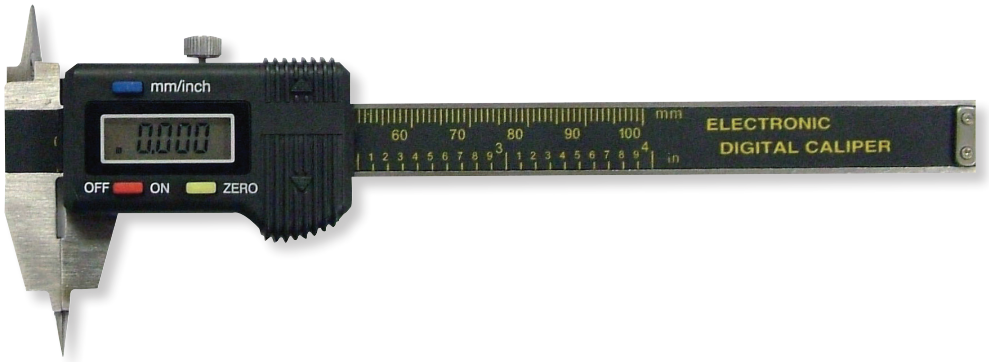
ITEM NO.
4150-980



Electronic Digital Pointed-Jaw Caliper 4" (101.6 mm)

Specifically designed for precise dental measurements, this digital caliper makes data collection fast and accurate in inches or millimeters. Furnished with fitted case and extra battery.

ITEM NO.
3805-315



Barrier Milk Concentrate

Concentrated corrosion inhibitor and lubricant is specially formulated to lubricate and protect instruments after they have been cleaned and prior to autoclaving. Dilute 1 part solution to 6 parts deionized or demineralized water. Not to be used with dry heat sterilizer.

DESCRIPTION	ITEM NO.
Bottle, 1 gallon	4150-590



LoKo™ Lube

Designed exclusively to lubricate the hinge areas of orthodontic pliers and cutters. Lube is a low coefficient liquid that reduces friction caused by the heat and oxidation associated with modern sterilization equipment. Recommended after each sterilization cycle.

DESCRIPTION	ITEM NO.
Small, .25 oz	7150-014
Large, 4.0 oz	7150-040



Lubrication

To increase the life of your instruments, routine lubrication is recommended. Prior to sterilization, lubricate instruments. This should be done at least weekly. Use only lubricants designed for precision hinged instruments. If using a dry heat sterilizer, be sure to use a lubricant that is compatible with the operating temperatures of your dry heat unit.



Instrument Warranties and Cleaning Information

Triumph Instruments

Triumph Orthodontic Instruments provide warranty against material defects and craftsmanship for the life of the product. Cutters are guaranteed for seven (7) years, benders and utility pliers for ten (10) years, and Mathieu Pliers are guaranteed for one (1) year. This covers corrosion, joint failure, and breakage under normal use. Proper cleaning and maintenance is required to maintain the warranty. This warranty may be void if instruments are not properly cared for, including cleaning and lubrication. *MASEL* reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is not covered by warranty as it is considered routine maintenance for normal use.

TRIUMPH INSTRUMENTS WARRANTY	CUTTERS	BENDERS	UTILITY	MATHIEUS
Rust / corrosion	7 years	10 years	10 years	1 year
Forging / handle breakage	7 years	10 years	10 years	1 year
Tip breakage / chipping	7 years	10 years	10 years	1 year
Joint failure / loose / wobbly	7 years	10 years	10 years	1 year
General wear due to normal use	7 years	10 years	10 years	1 year

Ortho Series Pliers & Choice Instruments

MASEL warrants its Ortho Series Pliers and Choice Instruments to be free from material defects and craftsmanship for the life of the product. Cutters, benders, and utility pliers are guaranteed for three (3) years, and ninety (90) days for Instruments and Mathieus, from the date of purchase. This covers corrosion, joint failure, and breakage under normal use. Proper cleaning and maintenance is required to maintain the warranty. This warranty may be void if instruments are not properly cared for, including cleaning and lubrication. *MASEL* reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is not covered by warranty as it is considered routine maintenance for normal use.

MASEL ORTHO SERIES PLIERS AND CHOICE INSTRUMENTS WARRANTY	3 YEARS	UNLIMITED/ LIFETIME
Rust / corrosion	•	
Forging / handle breakage		•
Tip breakage / chipping	•	
Joint failure / loose / wobbly	•	
General wear due to normal use	•	

Cleaning

Clean and remove any bulk debris immediately after use. Use an enzymatic cleaning solution in an ultrasonic cleaner to clean instruments. Your ultrasonic solution should be changed daily. Hinged instruments should be cleaned and sterilized in the open position. Discoloration and oxidation may occur if instruments are improperly cleaned. To increase the life of your instruments, clean them well. Use detergents and disinfectants suitable for use with medical and/or dental instruments. Follow manufacturers' instructions related to concentration and length of exposure.

For all *MASEL* instruments, all recommended care, cleaning, and sterilization procedures, as described in the Instructions for Use, must be fully adhered to. Failure to follow the recommended procedures will void the warranty.

Lubrication

To increase the life of your instruments, routine lubrication is recommended. Prior to sterilization, lubricate instruments. This should be done at least weekly. Use only lubricants designed for precision hinged instruments. If using a dry heat sterilizer, be sure to use a lubricant that is compatible with the operating temperatures of your dry heat unit.

Sharpening

Regular sharpening of your cutter will increase its service life, and its ability cut more effectively. Frequency of sharpening depends on: the frequency of use, as well as, the types and diameters of archwires on which the cutter is being used. Check cutters frequently to assess if sharpening is needed. *S*harpening cutters and repairing minor tip damage is not covered by warranty as it is considered routine maintenance for normal use.

Sterilizing

Instruments should be in the open position when sterilized. *Triumph* Orthodontic Instruments and Ortho Series Pliers are actually designed for use with steam autoclave. Steam autoclaves will not dull cutters. Other types of sterilizing methods include chemical vapor or dry heat. Using cold sterilants is not recommended. If used, they can chemically attack your instruments. All sterilizing units must be clean and operating properly.

For *MASEL's* Numbered Series Pliers, dry heat sterilization is the recommended sterilization method. **DO NOT AUTOCLAVE Numbered Series Instruments!** This method ensures long life for insert-tipped instruments because there is no moisture, pressure, or chemicals involved. Many quick-cycle dry heat units do not cause metallurgical damage because they operate within reasonable temperature levels. Heat sterilization instruments should be dried while hot to prevent corrosion. **Important:** Wipe clean pliers and instruments thoroughly before sterilizing.

Corrosion

All *MASEL* instruments are very resistant to corrosion. You can prevent corrosion problems by properly following all manufacturers' recommendations. Discoloration may appear that may not be corrosion. Organic materials that remain can give the appearance of corrosion and be mistaken for rust. Never mix a corroded instrument with new instruments as oxidation may be spread to new instruments. It is recommended that a corroded instrument be discarded and replaced.

We recommend the use of cleaning products that contain a rust inhibitor that has been proven safe for carbon steel. **Never immerse pliers in:** Glutaraldehydes with phenols, idophor surface disinfectants; Chorinedioside, sodium hypochorite compounds or water.

Stainless steel should not be exposed to the following chemicals: Sodium Hypochlorite (household bleach), Tartaric Acid (stain and tartar remover), Aluminum Chloride, Barium Chloride, Bichloride of Mercury, Calcium Chloride, Carbolic Acid, Chlorinated Lime, Citric Acid, Dakin's Solutions, Ferrous Chloride, Lysol, Mercuric Chloride, Mercury Salts, Phenol, Potassium Permanganate, Potassium Thiocyanate or Stannous Chloride. Also, **NEVER** use Aqua Regia, Ferric Chloride, Sulfuric Acid or Iodine with stainless steel.

Immersion of pliers for the shortest time (within manufacturer's guidelines), will minimize chemical exposure and still retain effectiveness. Avoid metal-to-metal contact of pliers' tips when loading trays. Lubricate hinge joints each week with a quality, pure silicone lubricant.

Except as expressly provided above, there are no other warranties on *MASEL's* Instruments, expressed or implied, with regards to description, quality, merchantability, or fitness for a particular purpose. The liability for any warranty claim shall not exceed the purchase price of the instrument that is the basis of such claim.

Warranties

Ortho Organizers, Inc.'s sole obligation and the customer's sole remedy in the event of any claimed defect shall be limited to replacement of merchandise, or at *Ortho Organizers'* option, refund of the purchase price. ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE ARE DISCLAIMED. *Ortho Organizers* must be contacted for a Return Material Authorization (RMA) Number and a written notice of claimed defect must be sent to Ortho Organizers, Attn: Returns, 1822 Aston Avenue, Carlsbad, CA 92008-7306, U.S.A., within a reasonable time after discovery not to exceed one (1) year from the date of delivery.

Band and Brackets

All bands and brackets are warranted for Single Patient Use Only. We cannot warranty, under any circumstances, bands or brackets which have been recycled.

Warranty Returns for all Orthodontic Instruments

Pliers which are defective under the terms of the warranty policy, and have not been misused or tampered with, may be returned to *Ortho Organizers* for repair or replacement at *Ortho Organizers'* option. Contact *Ortho Organizers* and obtain a Return Material Authorization (RMA) number prior to returning the pliers by calling Customer Service at 1 800 547 2000. Once an RMA Number is assigned, ship the product with this RMA Number visible on the outer shipping package, along with the original invoice or packing slip, to *Ortho Organizers, Inc.,* 1822 Aston Avenue, Carlsbad, CA 92008-7306, U.S.A. Please note that an RMA Number is mandatory, and any product received by *Ortho Organizers* without an RMA Number visible on the packaging will not be accepted. Routine Maintenance and Non-Warranty Repairs: Do not send Series Instruments or *Triumph* Instruments to *Ortho Organizers* for routine maintenance, sharpening, or re-conditioning six (6) months after purchase or later. Normal maintenance, including re-sharpening and reconditioning, may be obtained at:

PRECISION PLIER SERVICE
14175 Telephone Ave, Suite D
Chino, CA 91710
U.S.A.
Ph 800 229 9060 or 909 590 2085
Web www.PrecisionPlierService.com

Alternative maintenance providers may also be used. *Ortho Organizers* does not warrant actions by any maintenance service providers, and assumes no responsibility for the results of any maintenance services performed.

NON-WARRANTY REPAIRS

For non-warranty repairs and sharpening, please contact Precision Plier Service.

Warning

Many of *MASEL's* products are made of stainless steel and/or nickel titanium. Stainless steel contains nickel and chromium. Nickel titanium contains nickel. Also cobalt-chromium contains chromium and a trace of nickel. A small percentage of the population is known to be allergic to these metals. If an allergic reaction occurs, advise patient to consult a physician.

Order Terms and Conditions

Orders are accepted on basis of payment within thirty (30) days after shipment from factory, subject to credit approval. A packing slip is enclosed with each shipment and a separate invoice is sent by First Class Mail. Any outstanding balance not paid within thirty (30) days will be subject to a finance charge of 1.5% per month, an amount equal to 18% per year or the maximum amount permitted by applicable law. Payment may be made by check, credit card (VISA, MasterCard, American Express, or Discover Card), or wire (ABA Routing #043000261, Swift: MELNUS3P, Bank Name/Address: Bank of New York Mellon Corporation, 500 Ross Street, Pittsburgh, PA 15262, U.S.A.

All payments are made to our U.S.A. headquarters and must be in U.S. funds.

Shipping and Handling

All prices are F.O.B. shipping point. Shipping and handling charges and sales tax (if applicable) will be added to invoices.

Product Improvements, Price, and Technique Changes

Our commitment is to continually advance and improve our products. Therefore, we reserve the right to upgrade the design and quality of the products we produce and sell. We also reserve the right to change prices and/or design, or discontinue products without prior notice.

Changes in technique, archwire size, brackets or band preferences (i.e., Bravo Excel NF Roth Brackets for Bravo Excel NF McLaughlin, Bennett, and Trevisi Brackets) will be accepted for exchange only if product is new, in sellable condition, and in the original unopened packaging, a non-custom product, and returned from the original purchaser within one (1) year of shipping date. Note: your dollar cost of every order of new but similar products will be reduced by 50% on minimum orders of $500.00 (reflecting the value of your exchanged products), until the full amount of your exchanged product has been exhausted against orders. A 15% service charge will be assessed to cover the cost of inspection, re-stocking or re-packaging.

Conditions of Sale

Products may be returned for credit within sixty (60) days of shipping only under the following conditions:

1. Product must be new, in sellable condition, and in the original unopened packaging.
2. **Custom product such as bands and bonding bases with welded or brazed combinations, Doctor's specials, and refrigerated products may not be returned for exchange or credit at any time.**
3. Product will be accepted only from the original purchaser and only when delivered to our Carlsbad, California, U.S.A. Headquarters.
4. Returned merchandise must be shipped pre-paid and insured for the full value. Never return merchandise in an envelope.
5. Returned merchandise must be accompanied with a Return Material Authorization (RMA) Number and note explaining the reason for the return.
6. Products returned for credit will be subject to a minimum 15% handling and restocking charge. Items returned after sixty (60) days of shipping will be accepted at the discretion of *Ortho Organizers*. No product will be accepted for return if shipping date is beyond one (1) year.
7. *Ortho Organizers'* representatives are not authorized to approve or pick up return merchandise. Please contact *Ortho Organizers* to get a RMA Number by calling Customer Service at 1 800 574 2000. Once you have your RMA Number, please return your product with your RMA Number referenced on the packaging to:

   Ortho Organizers, Attn: Returns
   1822 Aston Avenue
   Carlsbad, CA 92008-7306
   U.S.A.

Patent and Trademark information

PATENTS: *LBB* patent #7,404,404.

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