



Orthodontic Products

CATALOG VOLUME 50



Lancer Orthodontics is recognized globally

as a trusted leader in the design and manufacture of high-quality, affordable orthodontic appliances and accessories.






The Lancer brand is recognized and admired throughout the world – a distinguished reputation built on our steadfast philosophy of quality products at competitive prices, backed by exceptional customer care.

Our product line includes a full spectrum of orthodontic appliances and accessories necessary for successful treatments, including brackets, bands, buccal tubes, adhesives, wires, elastomers, extra-oral appliances and hand instruments. This contemporary line of high-quality orthodontic products is admired by doctors worldwide, and loved by the countless patients who have benefited from their use.

At Lancer, our passion for effective orthodontic solutions results in beautiful, radiant smiles from doctors and patients on a daily basis. Those who partner with Lancer as their trusted supplier of orthodontic products benefit from more than 50 years of research, development and manufacturing innovations that have resulted in the products they use on a daily basis to produce beautiful smiles in children and adults alike. Choose Lancer, and experience a truly unique partner that is fully committed to your ultimate success.



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“Tweezer ready” placement

ENHANCE PATIENT PRESENTATION

Redi-Pak™ allows you to store your brackets in a sealed package until your patients are ready for bonding.

The brackets are mounted on adhesive transfer tape while the base remains free from any residue. This keeps your brackets in “tweezer ready” position.

Redi-Pak allows you to better organize your upcoming bonding appointments by providing a place for you to mark your patient’s name and bonding date.

Once opened, Redi-Pak is unfolded and can be secured next to your treatment chair. And, if all brackets aren’t bonded during the first appointment, Redi-Pak can be resealed and placed with your patient’s chart.

SIMPLIFY ORDERING AND COST CONTROL

Redi-Pak comes in a variety of prescriptions. The Redi-Pak system allows you to plan your bonding needs in a shorter period of time. This means fewer mix-ups, cross-contamination of parts, waste and costs.

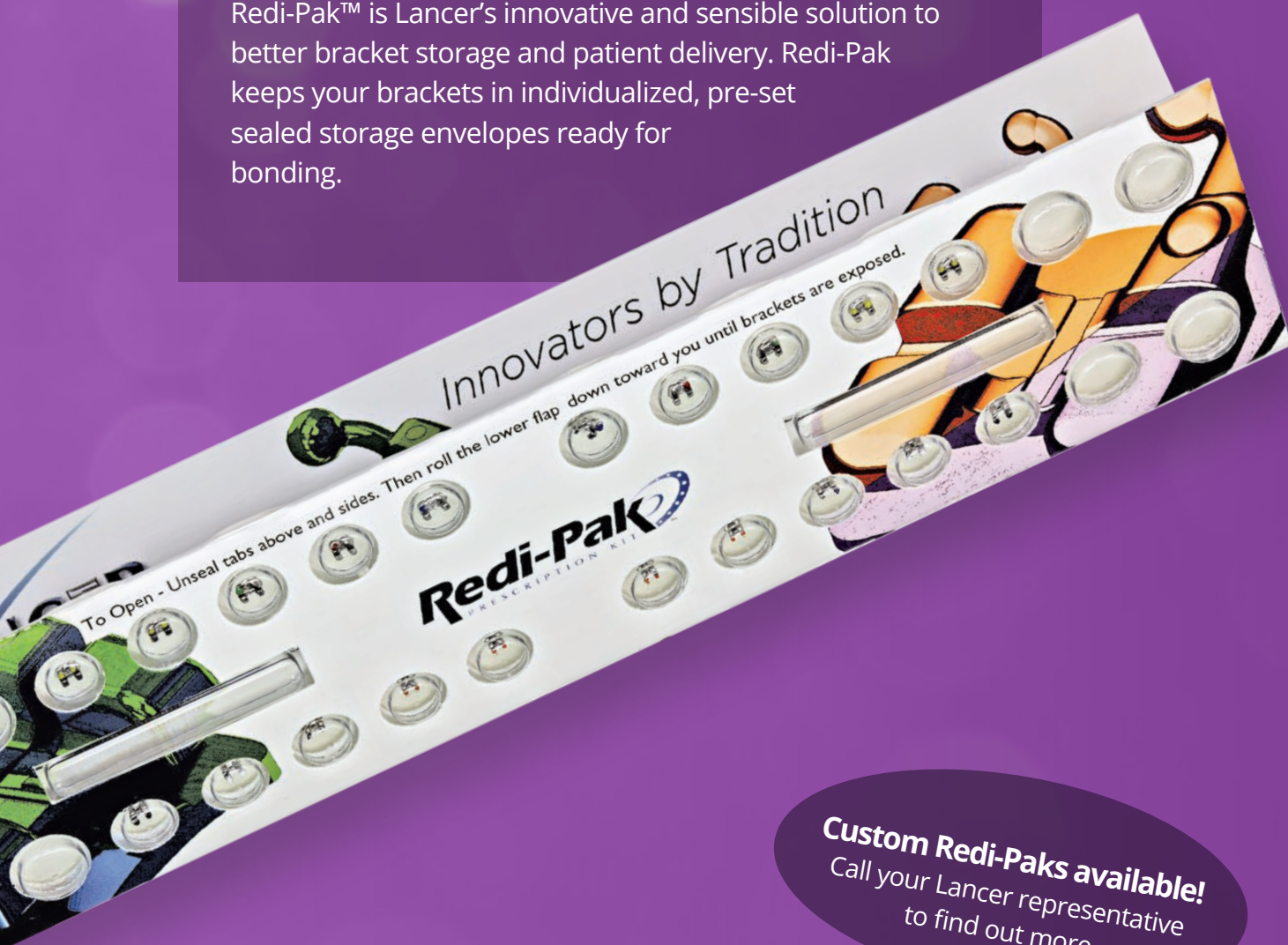




The Redi-Pak™ Prescription Kit

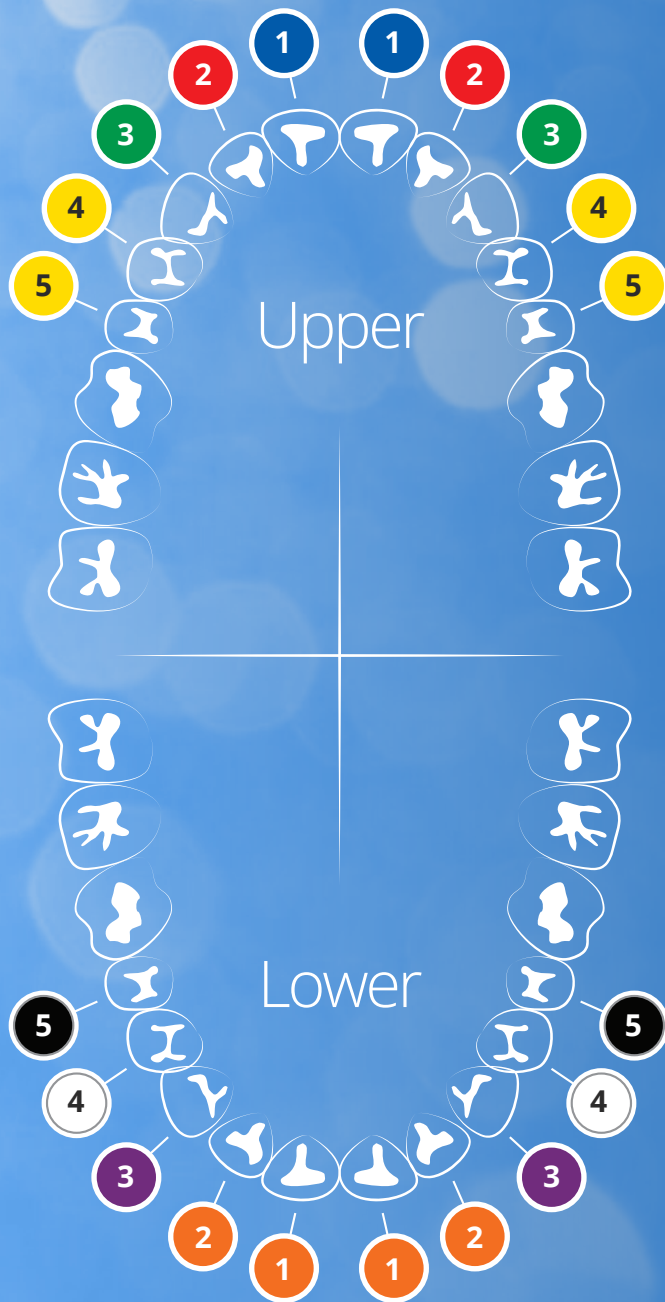
SAVE TIME MANAGING BRACKET INVENTORY

Redi-Pak™ is Lancer's innovative and sensible solution to better bracket storage and patient delivery. Redi-Pak keeps your brackets in individualized, pre-set sealed storage envelopes ready for bonding.



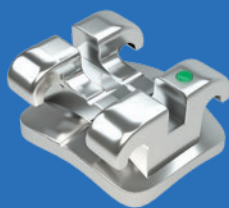
Custom Redi-Paks available!
Call your Lancer representative
to find out more.

BRACKET IDENTIFICATION

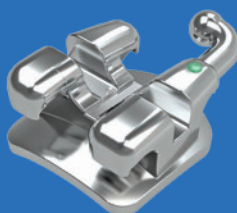


Metal Brackets

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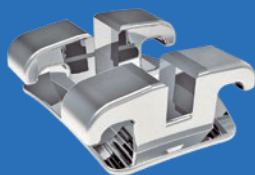
Praxis™ Mini-Twin..... 9



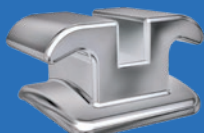
Sinterline Plus™ 19



Sinterline™ V-Slot 25



Velocity™ Mini-Twin 31



Tweed Brackets..... 35



Alexander Brackets..... 37



EXPLORING
TECHNOLOGY

Milling

Choose
Praxis™ when
treatment
requires the
highest level
of precision.

Because nothing but the highest levels of accuracy will do, Lancer uses a precision milling process to form exact archwire slots. Milled brackets are dimensionally accurate and highly functional, allowing for the fullest expression of the prescription.



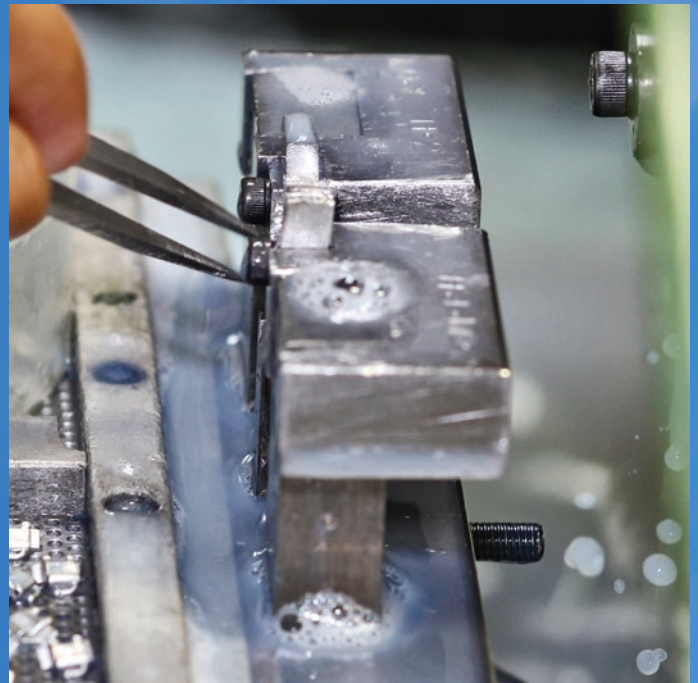
BEFORE



MILLING



AFTER





PRAXIS™ MINI-TWIN

A perfect combination of robotic MIM technology, superior design, and pleasing aesthetics, producing a robust bracket that is inherently stronger and more dimensionally accurate than similar brackets.

This powerful, functionally superior bracket is loaded with features that patients and doctors love.

- *Rhomboidal shape, anatomically designed base, and scribe line which runs through both the bracket and the pad facilitate fast and accurate placement*
- *Slots are milled with diamond blades, guaranteeing precise dimensions throughout the wall of the slot*
- *Torque-in-base allows for less wire bends and fewer brackets being repositioned*
- *Low-profile design for optimum patient comfort*
- *Large under tie wing area for easy ligation*
- *Anatomically designed 80-gauge mesh pads make bonding effortless while ensuring optimal adhesion*



MILLED



MIM



MESH BASE



REDI-PAK™

PRAXIS™ MINI-TWIN Roth Prescription



Redi-Pak™



	Hooks	GOB	Slot .018	Slot .022
All Hooks	x		265-933	265-934
Cuspid Hooks	x		265-937	265-938
No Hooks			265-941	265-942
All Hooks GOB	x	x	265-945	265-946
Cuspid Hooks GOB	x	x	265-949	265-950
Cuspid Hooks 7x7	x			265-956
6x6				265-957
Cuspid Hooks 6x6	x			265-959
Upper Cuspid Hooks	x			265-960

Circular Trays

	Hooks	QTY / Trays	Slot .018	Slot .022
All Hooks	x	1	265-901	265-902
Cuspid Hooks	x	1		265-904
All Hooks	x	5	265-911	265-912
All Hooks	x	10	265-921	265-922

Education / Consultation

Praxis Roth Consultation Model

915-125



PRAXIS™ MINI-TWIN

Roth Prescription

Upper / Maxillary

	Torque	Angle	Anti Rotate	Hook	GOB	L/R	Slot .018		Slot .022	
							10 Pack	Each	10 Pack	Each
Central	+12°	+5°				R	265-201	265-201B	265-301	265-301B
						L	265-202	265-202B	265-302	265-302B
Lateral	+8°	+9°				R	265-211	265-211B	265-311	265-311B
						L	265-212	265-212B	265-312	265-312B
Cuspid	-2°	+13°	MAR 4°	x		R	265-225	265-225B	265-325	265-325B
						L	265-226	265-226B	265-326	265-326B
						R	265-227	265-227B	265-327	265-327B
						L	265-228	265-228B	265-328	265-328B
Bicuspid	-7°	0°	DAR 2°	x		R	265-031	265-031B	265-131	265-131B
						L	265-032	265-032B	265-132	265-132B
						R	265-033	265-033B	265-133	265-133B
						L	265-034	265-034B	265-134	265-134B
				x	x	R	265-035	265-035B	265-135	265-135B
				L	265-036	265-036B	265-136	265-136B		
				R	265-037	265-037B	265-137	265-137B		
				L	265-038	265-038B	265-138	265-138B		

Lower / Mandibular

	Torque	Angle	Anti Rotate	Hook	GOB	L/R	Slot .018		Slot .022	
							10 Pack	Each	10 Pack	Each
Anterior	-1°	0°					265-045	265-045B	265-145	265-145B
Cuspid	-11°	+7°	MAR 2°	x		R	265-051	265-051B	265-151	265-151B
						L	265-052	265-052B	265-152	265-152B
						R	265-053	265-053B	265-153	265-153B
						L	265-054	265-054B	265-154	265-154B
1st Bicuspid	-17°	0°	MAR 4°	x		R	265-061	265-061B	265-161	265-161
						L	265-062	265-062B	265-162	265-162B
						R	265-063	265-063B	265-163	265-163B
						L	265-064	265-064B	265-164	265-164B
				x	x	R	265-065	265-065B	265-165	265-165B
				L	265-066	265-066B	265-166	265-166B		
				R	265-067	265-067B	265-167	265-167B		
				L	265-068	265-068B	265-168	265-168B		
2nd Bicuspid	-22°	0°	MAR 4°	x		R	265-071	265-071B	265-171	265-171B
						L	265-072	265-072B	265-172	265-172B
						R	265-073	265-073B	265-173	265-173B
						L	265-074	265-074B	265-174	265-174B
				x	x	R	265-075	265-075B	265-175	265-175B
				L	265-076	265-076B	265-176	265-176B		
				R	265-077	265-077B	265-177	265-177B		
				L	265-078	265-078B	265-178	265-178B		

PRAXIS™ MINI-TWIN MBT Prescription

Education / Consultation

Praxis MBT Consultation Model

915-132



Redi-Pak™

	Hooks	GOB	Slot .018	Slot .022
All Hooks	x		268-931	268-932
Cuspid Hooks	x		268-933	268-934
No Hooks			268-935	268-936
All Hooks GOB	x	x		268-938
Cuspid Hooks GOB	x	x		268-940
GOB		x	268-941	268-942
SFP All Hooks w/ BT 6x6	x			268-944
Extraction Hooks	x		268-945	268-946
No Hooks 2 Bicuspids 6x6				268-947
Hooks w/ Single N/C BT 6x6	x			268-949
SFP All Hooks	x		268-951	268-952
SFP			268-953	268-954
SFP Cuspid Hooks	x		268-955	268-956
SFP Cuspid Hooks 7x7	x			268-960
Cuspid Hooks 6x6	x			268-962
Cuspid Hooks 7x7	x			268-964
No Hooks 6x6			268-990	



Circular Trays

	Hooks	QTY / Trays	Slot .018	Slot .022
All Hooks	x	1	268-901	268-902
All Hooks	x	10		268-922

PRAXIS™ MINI-TWIN MBT Prescription

Upper / Maxillary

	Torque	Angle	Hook	GOB	L/R	Slot .018		Slot .022			
						10 Pack	Each	10 Pack	Each		
Central	+17°	+4°			R	268-201	268-201B	268-301	268-301B		
					L	268-202	268-202B	268-302	268-302B		
Lateral	+10°	+8°			R	268-211	268-211B	268-311	268-311B		
					L	268-212	268-212B	268-312	268-312B		
			x		R		268-213B				
					L		268-214B				
Cuspid	0°	+8°	x		R	268-221	268-221B	268-321	268-321B		
					L	268-222	268-222B	268-322	268-322B		
	-7°	+8°			R	268-223	268-223B	268-323	268-323B		
					L	268-224	268-224B	268-324	268-324B		
Bicuspid	-7°	0°	x		R	268-031	268-031B	268-131	268-131B		
					L	268-032	268-032B	268-132	268-132B		
							R	268-033	268-033B	268-133	268-133B
							L			268-135	268-135B
			x	x			R			268-136	268-136B
							L			268-137	268-137B
		x		R							

Lower / Mandibular

	Torque	Angle	Hook	GOB	L/R	Slot .018		Slot .022			
						10 Pack	Each	10 Pack	Each		
Anterior	-6°	0°	x			268-045	268-045B	268-145	268-145B		
					R		268-046B				
					L		268-047B				
Cuspid	0°	+3°	x		R	268-051	268-051B	268-151	268-151B		
					L	268-052	268-052B	268-152	268-152B		
	-6°	+3°			R	268-053	268-053B	268-153	268-153B		
					L	268-054	268-054B	268-154	268-154B		
1st Bicuspid	-12°	+2°	x		R	268-061	268-061B	268-161	268-161B		
					L	268-062	268-062B	268-162	268-162B		
							R	268-063	268-063B	268-163	268-163B
							L	268-064	268-064B	268-164	268-164B
			x	x			R			268-165	268-165B
							L			268-166	268-166B
				x			R		268-067B		268-167B
							L		268-068B		268-168B
2nd Bicuspid	-17°	+2°	x		R	268-071	268-071B	268-171	268-171B		
					L	268-072	268-072B	268-172	268-172B		
							R	268-073	268-073B	268-173	268-173B
							L	268-074	268-074B	268-174	268-174B
			x	x			R			268-175	268-175B
							L			268-176	268-176B
							R			268-177	268-177B
							L		268-078B	268-178	268-178B

PRAXIS™ MINI-TWIN Hilgers Prescription



Redi-Pak™

Hooks

Slot
.018

Slot
.022
All Hooks

x

270-931

270-932



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018		Slot .022	
					10 Pack	Each	10 Pack	Each
Central	+22°	+4°		R	270-001	270-001B	270-101	270-101B
				L	270-002	270-002B	270-102	270-102B
Lateral	+14°	+8°		R	270-011	270-011B	270-111	270-111B
				L	270-012	270-012B	270-112	270-112B
Cuspid	+7°	+10°	x	R	270-021	270-021B	270-121	270-121B
				L	270-022	270-022B	270-122	270-122B
				R	270-023	270-023B	270-123	270-123B
				L	270-024	270-024B	270-124	270-124B
Bicuspid	-7°	0°	x	R	268-031	268-031B	268-131	268-131B
				L	268-032	268-032B	268-132	268-132B
	0°	0°			268-033	268-033B	268-133	268-133B
					270-033	270-033B	270-133	270-133B

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018		Slot .022	
					10 Pack	Each	10 Pack	Each
Anterior	-6°	0°			268-045	268-045B	268-145	268-145B
Cuspid	+7°	+6°	x	R	270-051	270-051B	270-151	270-151B
				L	270-052	270-052B	270-152	270-152B
				R	270-053	270-053B	270-153	270-153B
				L	270-054	270-054B	270-154	270-154B
1st Bicuspid	-12°	+2°	x	R	268-061	268-061B	268-161	268-161B
				L	268-062	268-062B	268-162	268-162B
				R	268-063	268-063B	268-163	268-163B
				L	268-064	268-064B	268-164	268-164B
2nd Bicuspid	-17°	+2°	x	R	268-071	268-071B	268-171	268-171B
				L	268-072	268-072B	268-172	268-172B
				R	268-073	268-073B	268-173	268-173B
				L	268-074	268-074B	268-174	268-174B

PRAXIS™ MINI-TWIN Ricketts Prescription



Redi-Pak™

Hooks

Slot
.018

Cuspid Hooks	x	277-903
No Hooks		277-905
All Hooks	x	277-907

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018	
					10 Pack	Each
Central	+22°	0°		R	277-001	277-001B
				L	277-002	277-002B
Lateral	+14°	+4°		R	277-011	277-011B
				L	277-012	277-012B
Cuspid	+18°	+4°	x	R	277-021	277-021B
				L	277-022	277-022B
		+6°	R	277-023	277-023B	
			L	277-024	277-024B	
Bicuspid	0°	0°	x	R	277-031	277-031B
				L	277-032	277-032B
					277-033	277-033B

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018	
					10 Pack	Each
Anterior	0°	0°			277-041	277-041B
Cuspid	+7°	0°	x	R	277-051	277-051B
				L	277-052	277-052B
				R	277-053	277-053B
				L	277-054	277-054B
Bicuspid	0°	0°	x	R	277-032	277-032B
				L	277-031	277-031B
					277-033	277-033B

PRAXIS™ MINI-TWIN Andrews Prescription



Redi-Pak™



Slot
.022

Hooks

	Hooks	
Cuspid Hooks	x	282-932
No Hooks		282-934

Upper / Maxillary



Slot
.022
10 Pack

	Torque	Angle	Hook	L/R	
Central	+12°	+5°		R	282-101
				L	282-102
Lateral	+10°	+8°		R	282-111
				L	282-112
Cuspid	-2°	+13°	x	R	282-121
				L	282-122
				R	282-123
				L	282-124
Bicuspid	-7°	0°			282-133

Lower / Mandibular



Slot
.022
10 Pack

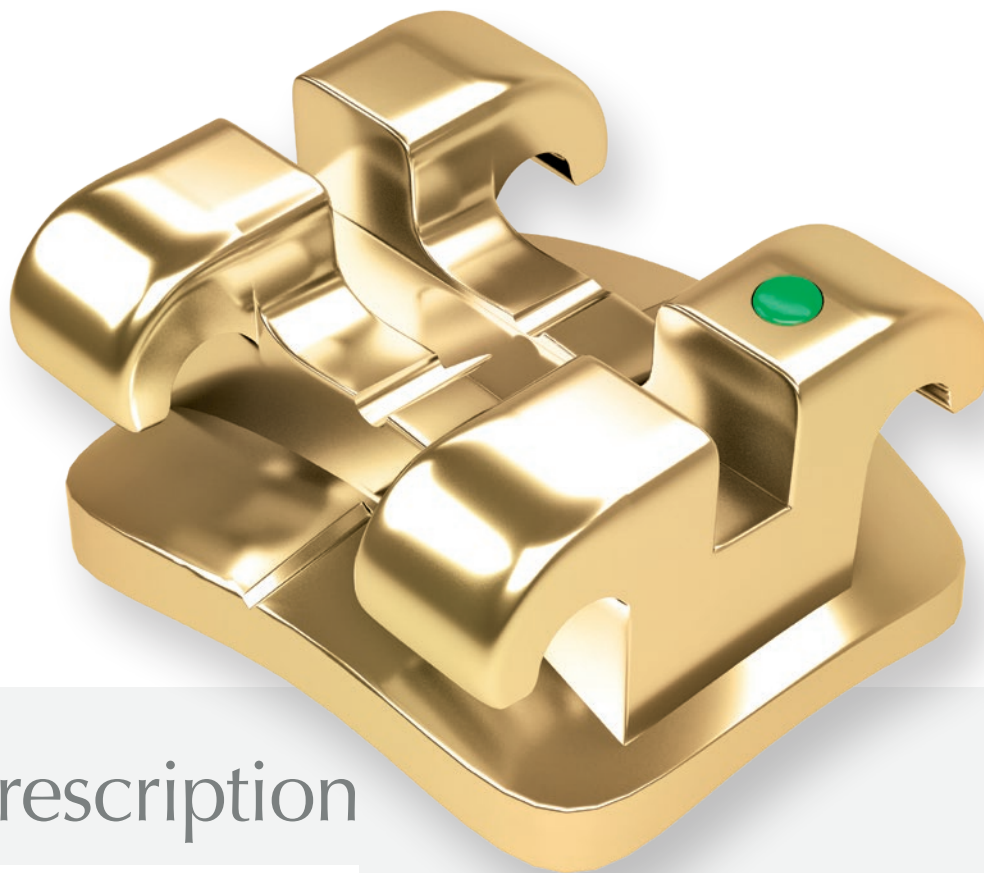
	Torque	Angle	Hook	L/R	
Anterior	-1°	0°			282-145
Cuspid	-11°	+7°	x	R	282-151
				L	282-152
				R	282-153
				L	282-154
1st Bicuspid	-17°	0°		R	282-163
				L	282-164
2nd Bicuspid	-22°	0°		R	282-173
				L	282-174

PRAXIS™ MINI-TWIN Praxis Gold™

Offer patients a stylish alternative and maximize patient satisfaction with Lancer's Praxis Gold™.

Precisely engineered with all the classic features of our traditional Praxis™ brackets, Praxis Gold™ offers an elegant 24 karat gold coating that will maintain its brilliant luster throughout the duration of treatment without chipping or peeling.

Safe for use on nickel-sensitive patients, the Praxis Gold™ is a stylish alternative to traditionally finished brackets. Discover the new "Gold Standard" with Lancer's Praxis Gold™, and watch your patients glow.

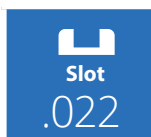


MBT Prescription



Redi-Pak™

Hooks



Slot
.022

All Hooks

x

268-992





EXPLORING
MANUFACTURING

Casting

Lancer is one of the few remaining orthodontic manufacturers to perform a traditional lost-wax casting process to manufacture metal orthodontic brackets. The craftsmanship involved in this centuries-old process has been handed down for generations, and results in precisely-constructed devices that perform as intended for maximum treatment results.

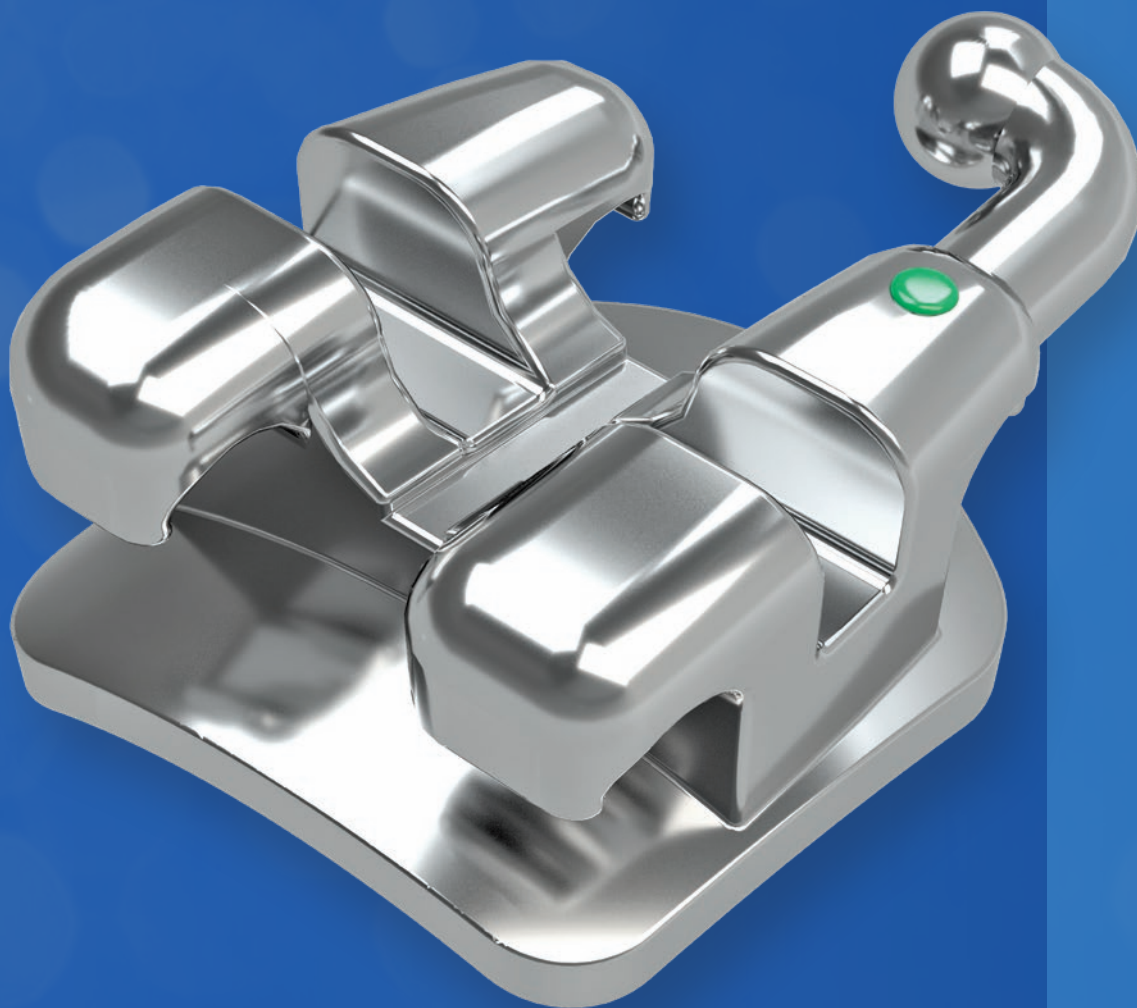
Sinterline
Plus™ offers
reliable
treatment with
a reasonable
price-point.



SINTERLINE PLUS™

Lancer's Sinterline Plus bracket system stands out among the world's best.

Try our Sinterline Plus bracket system today and enjoy all the benefits of a straight wire appliance with a unique, patented shape for maximum functionality, ease-of-use, and patient comfort.



- *Patented trapezoid shape that mirrors the shape of the tooth for easy placement, maximum functionality, and ultimate patient comfort*
- *All the benefits of a straight wire appliance*
- *The height of Sinterline Plus™ is similar to a mini twin bracket, while the width is closer to that of a standard size bracket*
- *Compound contour base, torque-in-base, and compensating in/out dimensions*
- *Extra generous tie-wing undercuts designed for Double-tying*
- *Two-piece bracket with an anatomically designed 80-gauge mesh pad for maximum retention and easy removal*
- *Available with a vertical slot for a variety of treatment options*



MILLED



CAST



MESH BASE



REDI-PAK™

SINTERLINE PLUS™ Roth Prescription



Redi-Pak™

		Slot .018	Slot .022
	Hooks		
All Hooks	x	233-931	233-932
Cuspid Hooks	x	233-935	233-936
No Hooks		233-933	233-934
No Hooks Up Bicuspids		233-938	
Hooks Lat	x		233-939

Circular Trays

	Hooks	GOB	QTY / Trays	Slot .018	Slot .022
All Hooks	x		1	233-901	233-902
All Hooks	x		5	233-911	233-912
All Hooks	x		10	233-921	233-922

Education / Consultation

Sinterline Plus Consultation Model 915-111



SINTERLINE PLUS™ Roth Prescription

Upper / Maxillary

	Torque	Angle	Hook	GOB	L/R	Slot .018		Slot .022	
						10 Pack	Each	10 Pack	Each
Central	+12°	+5°			R	233-001	233-001BB	233-101	233-101BB
					L	233-002	233-002BB	233-102	233-102BB
Lateral	+8°	+9°	x		R	233-011	233-011BB	233-111	233-111BB
					L	233-012	233-012BB	233-112	233-112BB
					R	233-013	233-013BB	233-113	233-113BB
					L	233-014	233-014BB	233-114	233-114BB
Cuspid	0°	+11°	x		R	233-023	233-023BB	233-123	233-123BB
					L	233-024	233-024BB	233-124	233-124BB
					R	233-021	233-021BB	233-121	233-121BB
					L	233-022	233-022BB	233-122	233-122BB
Bicuspid	-7°	0°		x	R	233-033	233-033BB	233-133	233-133BB
					L	233-035	233-035BB	233-135	233-135BB
				x	R	233-036	233-036BB	233-136	233-136BB
					L	233-037	233-037BB	233-137	233-137BB
				x	R	233-031	233-031BB	233-131	233-131BB
					L	233-032	233-032BB	233-132	233-132BB

Lower / Mandibular

	Torque	Angle	Hook	GOB	L/R	Slot .018		Slot .022	
						10 Pack	Each	10 Pack	Each
Anterior	0°	0°				233-041	233-041BB	233-141	233-141BB
Cuspid	-11°	+5°	x		R	233-051	233-051BB	233-151	233-151BB
					L	233-052	233-052BB	233-152	233-152BB
					R	233-053	233-053BB	233-153	233-153BB
					L	233-054	233-054BB	233-154	233-154BB
1st Bicuspid	-17°	0°	x		R	233-061	233-061BB	233-161	233-161BB
					L	233-062	233-062BB	233-162	233-162BB
			x	x	R	233-063	233-063BB	233-163	233-163BB
					L	233-065	233-065BB	233-165	233-165BB
			x	x	R	233-066	233-066BB	233-166	233-166BB
					L	233-067	233-067BB	233-167	233-167BB
2nd Bicuspid	-22°	0°	x		R	233-071	233-071BB	233-171	233-171BB
					L	233-072	233-072BB	233-172	233-172BB
			x	x	R	233-073	233-073BB	233-173	233-173BB
					L	233-075	233-075BB	233-175	233-175BB
			x	x	R	233-076	233-076BB	233-176	233-176BB
					L	233-077	233-077BB	233-177	233-177BB

SINTERLINE PLUS™ Ricketts Prescription



Redi-Pak™

	Hooks	GOB	Slot .018
No Hooks			248-933
Hooks w/ Roth GOB	X	X	248-935



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018		Slot .022	
					10 Pack	Each	10 Pack	Each
Central	+22°	+5°		R	248-001	248-001BB	248-101	248-101BB
				L	248-002	248-002BB	248-102	248-102BB
Lateral	+14°	+8°		R	248-011	248-011BB	248-111	248-111BB
				L	248-012	248-012BB	248-112	248-112BB
Cuspid	+7°	+10°	X	R	248-021	248-021BB	248-121	248-121BB
				L	248-022	248-022BB	248-122	248-122BB
				R	248-023	248-023BB	248-123	248-123BB
				L	248-024	248-024BB	248-124	248-124BB
Bicuspid	0°	0°		248-033	248-033BB			

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018		Slot .022	
					10 Pack	Each	10 Pack	Each
Anterior	0°	0°			248-041	248-041BB	248-141	248-141BB
Cuspid	+7°	+5°	X	R	248-051	248-051BB	248-151	248-151BB
				L	248-052	248-052BB	248-152	248-152BB
				R	248-053	248-053BB	248-153	248-153BB
				L	248-054	248-054BB	248-154	248-154BB
1st Bicuspid	-17°	0°		233-063	233-063BB	233-163	233-163BB	
2nd Bicuspid	-22°	0°		233-073	233-073BB	233-173	233-173BB	
Bicuspid	0°	0°		248-033	248-033BB			

SINTERLINE PLUS™

Edgewise Standard Technique



Redi-Pak™

Hooks

Slot
.018

239-931


Slot
.022

239-932

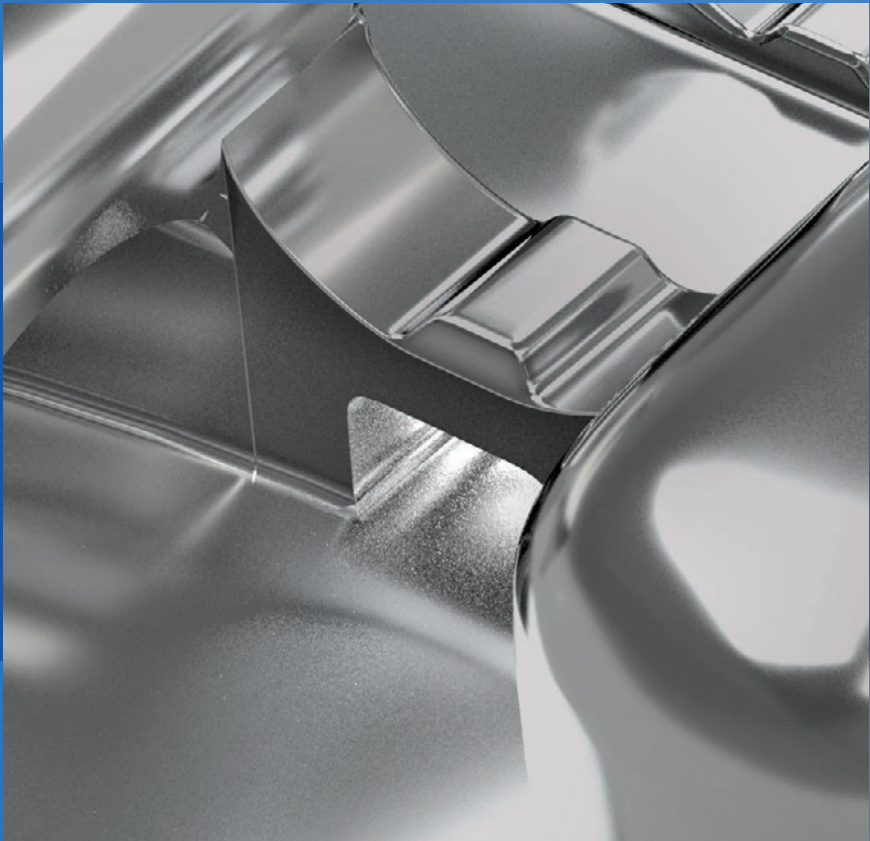
Edgewise

Upper / Maxillary

	Torque	Angle	L/R	 Slot .018 Each	 Slot .022 Each
Central	0°	0°		239-011	239-111
Lateral	0°	0°		239-012	239-112
Cuspid	0°	0°		239-013	239-113
Bicuspid	0°	0°		239-009	239-109

Lower / Mandibular

	Torque	Angle		 Slot .018 Each	 Slot .022 Each
Anterior	0°	0°		239-014	239-114
Cuspid	0°	0°		239-013	239-113
Bicuspid	0°	0°		239-009	239-109



Sinterline™ V-Slot offers flexible treatment at prices that won't break the bank.



SINTERLINE™ V-SLOT

Lancer's signature Sinterline™ bracket system is available with a vertical V-Slot for added flexibility.



MILLED



CAST

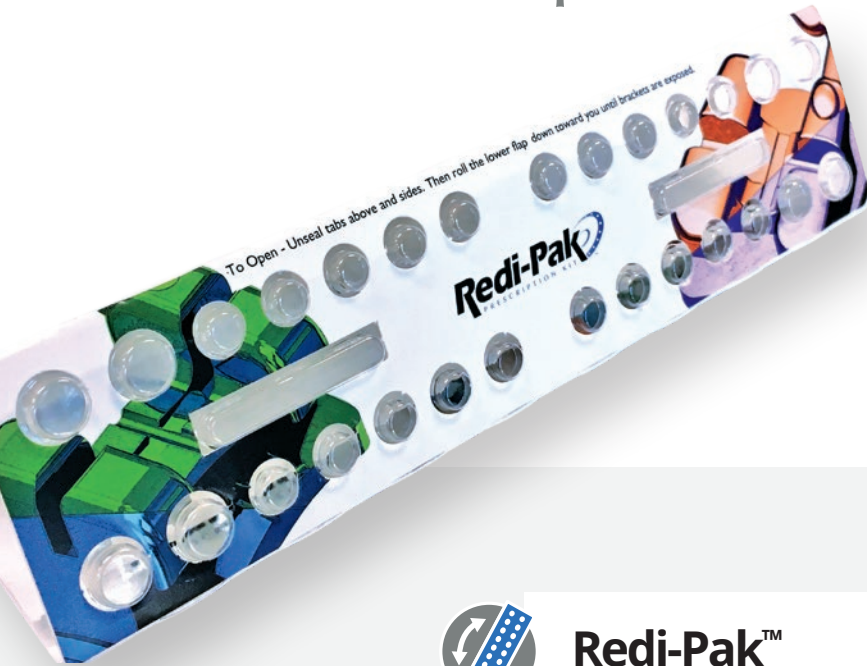


MESH BASE



REDI-PAK™

SINTERLINE V-SLOT™ Roth Prescription



Redi-Pak™

		Slot .018	Slot .022
	Hooks		
All Hooks	x	249-931	249-932
Cuspid Hooks	x	249-935	249-936
No Hooks		249-933	249-934



SINTERLINE V-SLOT™ Roth Prescription

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018		Slot .022	
					10 Pack	Each	10 Pack	Each
Central	+12°	+5°		R	249-001	249-001BB	249-101	249-101BB
				L	249-002	249-002BB	249-102	249-102BB
Lateral	+8°	+9°		R	249-011	249-011BB	249-111	249-111BB
				L	249-012	249-012BB	249-112	249-112BB
Cuspid	0°	+11°	x	R	249-021	249-021BB	249-121	249-121BB
				L	249-022	249-022BB	249-122	249-122BB
				R	249-023	249-023BB	249-123	249-123BB
				L	249-024	249-024BB	249-124	249-124BB
Bicuspid	-7°	0°	x	R	249-031	249-031BB	249-131	249-131BB
				L	249-032	249-032BB	249-132	249-132BB
					249-033	249-033BB	249-133	249-133BB

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018		Slot .022	
					10 Pack	Each	10 Pack	Each
Anterior	0°	0°			249-041	249-041BB	249-141	249-141BB
Cuspid	-11°	+5°	x	R	249-051	249-051BB	249-151	249-151BB
				L	249-052	249-052BB	249-152	249-152BB
				R	249-053	249-053BB	249-153	249-153BB
				L	249-054	249-054BB	249-154	249-154BB
1st Bicuspid	-17°	0°	x	R	249-061	249-061BB	249-161	249-161BB
				L	249-062	249-062BB	249-162	249-162BB
					249-063	249-063BB	249-163	249-163BB
2nd Bicuspid	-22°	0°	x	R	249-071	249-071BB	249-171	249-171BB
				L	249-072	249-072BB	249-172	249-172BB
					249-073	249-073BB	249-173	249-173BB

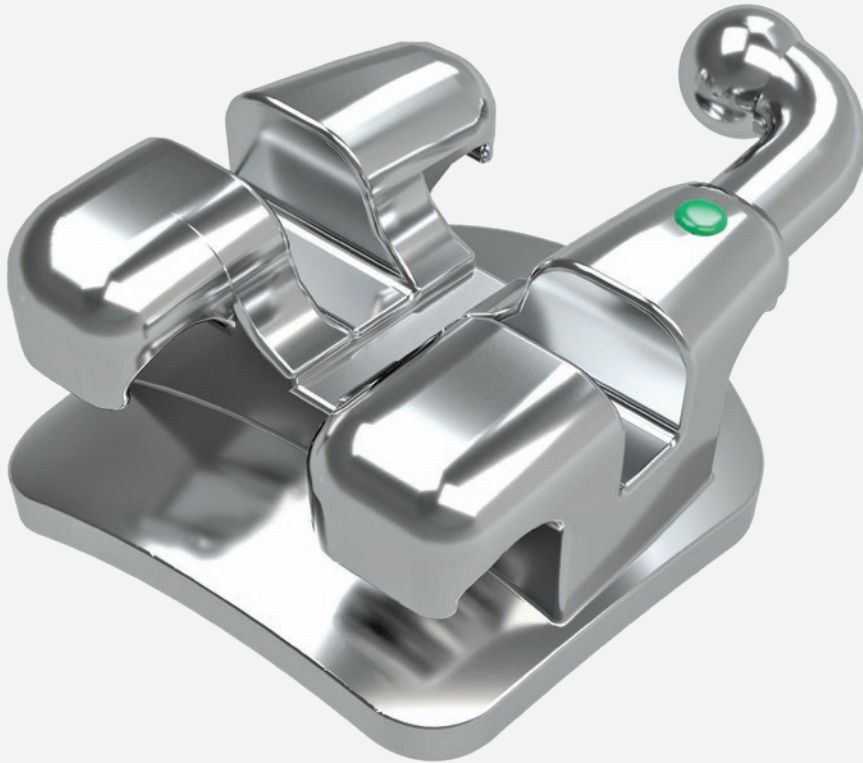


Education / Consultation

Sinterline V-Slot Consultation Model

915-112

SINTERLINE V-SLOT™ Bidimensional Technique



Bidimensional Technique

This system uses pre-adjusted brackets with 0.018" slot on incisors and 0.022" slot on canines, premolars and molars.

All the brackets feature vertical slots to allow for an array of auxiliaries such as uprighting springs and pins.

The smaller brackets (0.018 slot) provide three dimensional control on the incisors and a tight fit. The larger brackets (0.022 slot) provide a loose fit on posterior teeth, which facilitates sliding mechanics.

SINTERLINE V-SLOT™ Bidimensional Technique



Redi-Pak™

		Slot .018	Slot .022
Hooks			
All Hooks	x	249-937	
Cuspid Hooks	x	249-938	
No Hooks		249-940	

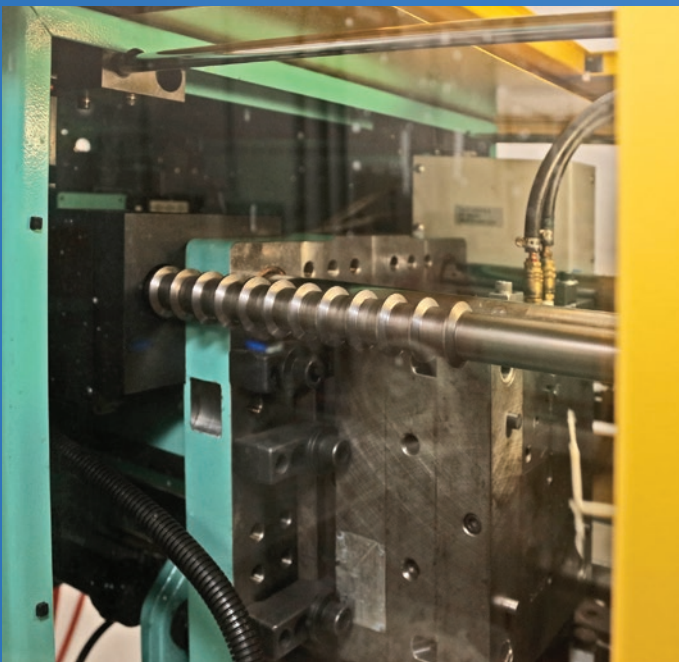
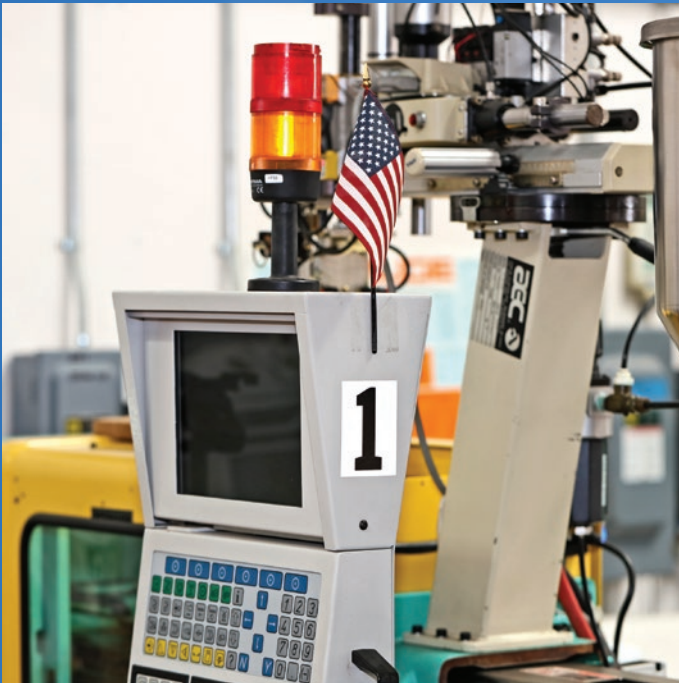
Roth Prescription

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	12°	5°		R	249-001	
				L	249-002	
Lateral	8°	9°		R	249-011	
				L	249-012	
Cuspid	0°	11°	x	R		249-123
				L		249-124
				R		249-121
				L		249-122
Bicuspid	-7°	0°	x			249-133
				R		249-131
				L		249-132

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	0°	0°			249-041	
Cuspid	-11°	5°	x	R		249-153
				L		249-154
				R		249-151
				L		249-152
Bicuspid	-7	0°	x			249-133
				R		249-132
				L		249-131



EXPLORING
TECHNOLOGY

MIM

METAL INJECTION MOLDING

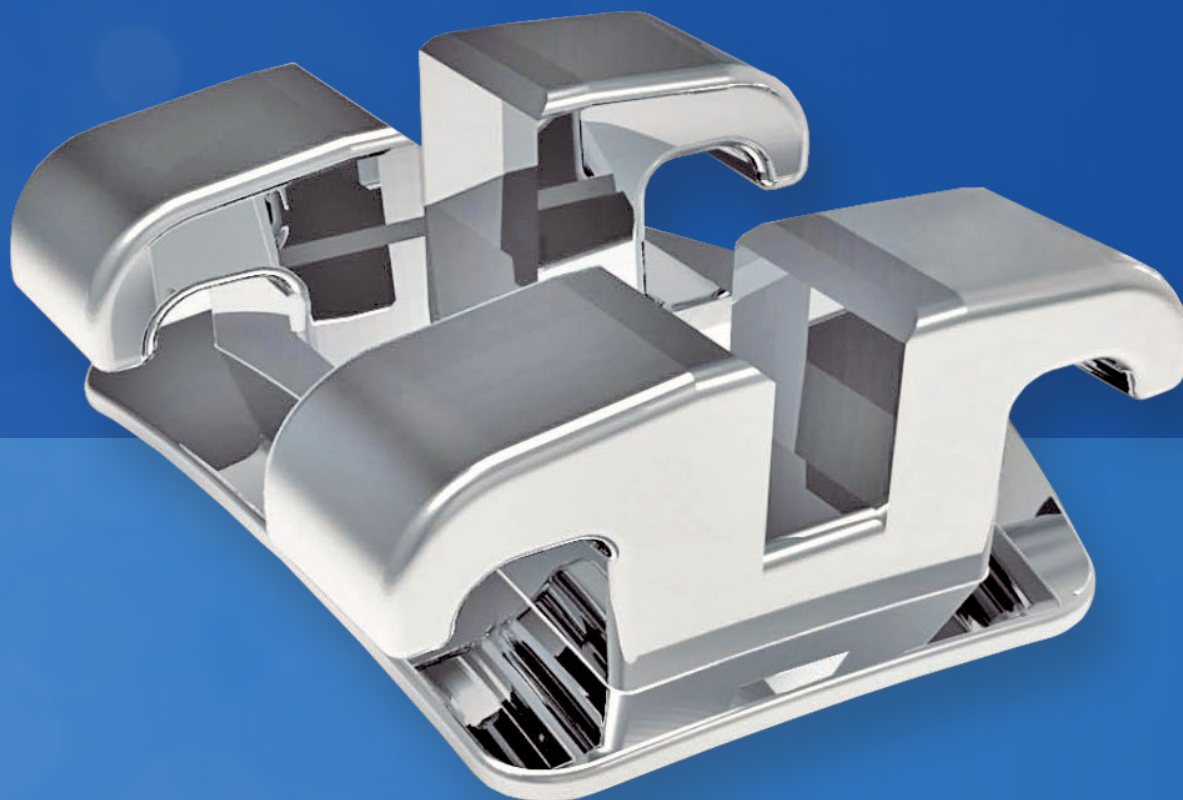
MIM technology offers a manufacturing capability for producing small, highly complex parts with tolerances as small as 0.0005 inches. The MIM process utilizes fine metal powders which are custom formulated with a binder to create a feedstock which is granulated and then fed into the cavity of a conventional injection molding machine.

The advantages of the MIM process lie in its capability to produce mechanical properties with good dimensional tolerance control. Metal injection molded parts offer a nearly unlimited shape and geometric-feature capability, with high production rates possible through the use of multi-cavity tooling.

Lancer has taken MIM manufacturing one step further... robotics. Using the latest in robotic MIM manufacturing technology, Lancer's brackets are created to meet exact design specifications for a robust, high-quality, dimensionally accurate appliance.

VELOCITY™ MINI-TWIN

Our Mini-Twin bracket combines the strength you need with the fortitude to handle standard cases. The Mini-Twin is big on performance.



For most standard cases, Velocity™ Mini-Twin combines affordability with consistency.

Thirty percent smaller than a standard twin, Lancer's Mini-Twin brackets feature a comfortable and aesthetic rhomboid design that gives the clinician complete control and the patient complete confidence. These precisely engineered brackets combine the inter-bracket distance of a single width appliance with the rotational control of a twin bracket for optimal results.

Fully interchangeable with any other straight-wire appliance system, our Mini-Twin brackets feature high-retention pads for increased bonding surface and minimized bond failure. The vertical scribe line aligns precisely with the crown-long axis, simplifying accurate bracket placement, and the archwire slot is engineered to align with the horizontal axis of the tooth.

Options include hooks/no hooks, and gingival offsets on bicuspid. The low profile hook and small ball are milled from a single piece of metal for increased patient comfort.

The innovative mesh bonding base is designed for optimal treatment results by matching precisely to the curvature of the tooth for maximum contact and strong, consistent bonding, and each bracket is color-coded for easy identification and placement.

An unbeatable combination of superior design, effective tooth movement, and superb bonding characteristics, Lancer's Mini Twin brackets are small in size, yet big on performance.



MIM

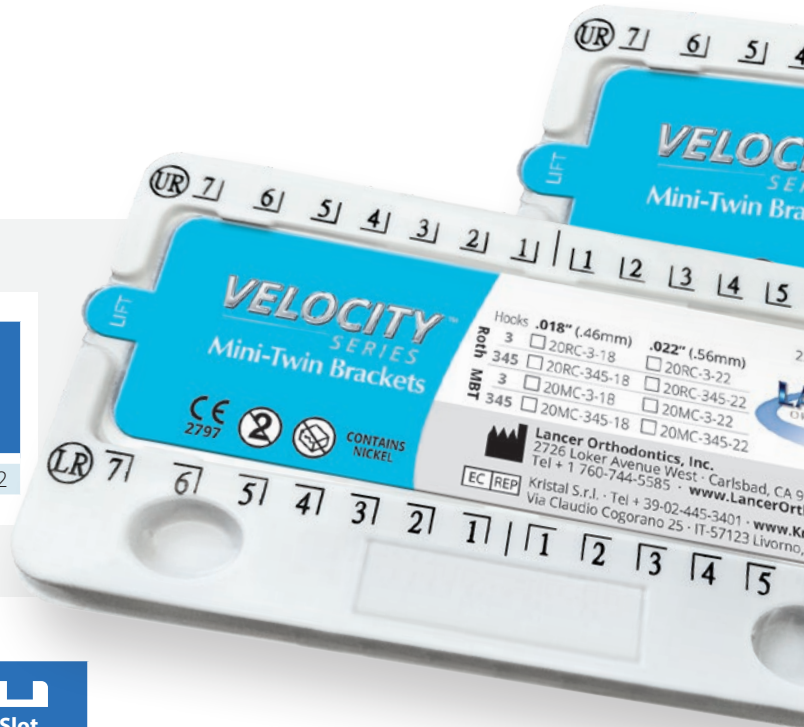


MESH BASE

VELOCITY™ MINI-TWIN Roth Prescription

Cards

All Hooks	Hooks	Slot	
		.018	.022
	x	20RC-345-18	20RC-345-22



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot	
					.018 10 Pack	.022 10 Pack
Central	+12°	+5°		R	20R-18R	20R-12R
				L	20R-18L	20R-12L
Lateral	+8°	+9°		R	20R-28R	20R-22R
				L	20R-28L	20R-22L
Cuspid	-7°	+8°	x	R	20R-38R	20R-32R
				L	20R-38L	20R-32L
				R	20R-38RN	20R-32RN
				L	20R-38LN	20R-32LN
Bicuspid	-7°	0°	x	R	20R-48R	20R-42R
				L	20R-48L	20R-42L
				R	20R-48RN	20R-42RN
				L	20R-48LN	20R-42LN

Lower / Mandibular

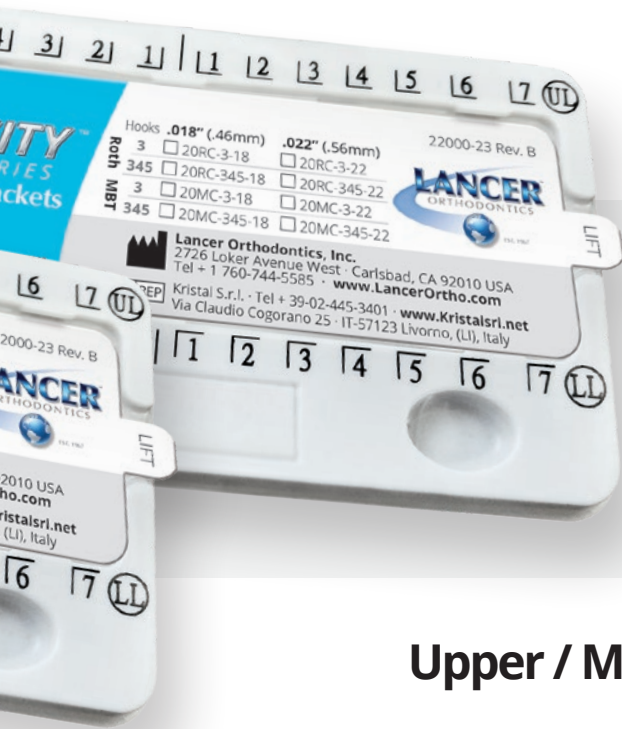
	Torque	Angle	Hook	L/R	Slot	
					.018 10 Pack	.022 10 Pack
Anterior	-1°	+2°		R	20R-58R	20R-52R
				L	20R-58L	20R-52L
Cuspid	-11°	+5°	x	R	20R-68R	20R-62R
				L	20R-68L	20R-62L
				R	20R-68RN	20R-62RN
				L	20R-68LN	20R-62LN
1st Bicuspid	-17°	0°	x	R	20R-78R	20R-72R
				L	20R-78L	20R-72L
				R	20R-78RN	20R-72RN
				L	20R-78LN	20R-72LN
2nd Bicuspid	-22°	0°	x	R	20R-88R	20R-82R
				L	20R-88L	20R-82L
				R	20R-88RN	20R-82RN
				L	20R-88LN	20R-82LN



Education / Consultation

Velocity Mini-Twin Consultation Model	915-20
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VELOCITY™ MINI-TWIN MBT Prescription



Cards

		Slot .018	Slot .022
Hooks			
All Hooks	x	20MC-345-18	20MC-345-22

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 10 Pack	Slot .022 10 Pack
Central	+17°	+4°		R	20M-18R	20M-12R
				L	20M-18L	20M-12L
Lateral	+10°	+8°		R	20M-28R	20M-22R
				L	20M-28L	20M-22L
Cuspid	-7°	+8°	x	R	20M-38R	20M-32R
				L	20M-38L	20M-32L
				R	20M-38RN	20M-32RN
				L	20M-38LN	20M-32LN
Bicuspid	-7°	0°	x	R	20M-48R	20M-42R
				L	20M-48L	20M-42L
				R	20M-48RN	20M-42RN
				L	20M-48LN	20M-42LN

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 10 Pack	Slot .022 10 Pack
Anterior	-6°	0°			20M-58U	20M-52U
Cuspid	0°	+3°	x	R	20M-68R	20M-62R
				L	20M-68L	20M-62L
	-6°	0°		R	20M-68RN	20M-62RN
				L	20M-68LN	20M-62LN
1st Bicuspid	-12°	+2°	x	R	20M-78R	20M-72R
				L	20M-78L	20M-72L
				R	20M-78RN	20M-72RN
				L	20M-78LN	20M-72LN
2nd Bicuspid	-22°	0°	x	R	20M-88R	20M-82R
				L	20M-88L	20M-82L
				R	20M-88RN	20M-82RN
				L	20M-88LN	20M-82LN

Tweed Brackets




Redi-Pak™

Slot
.022

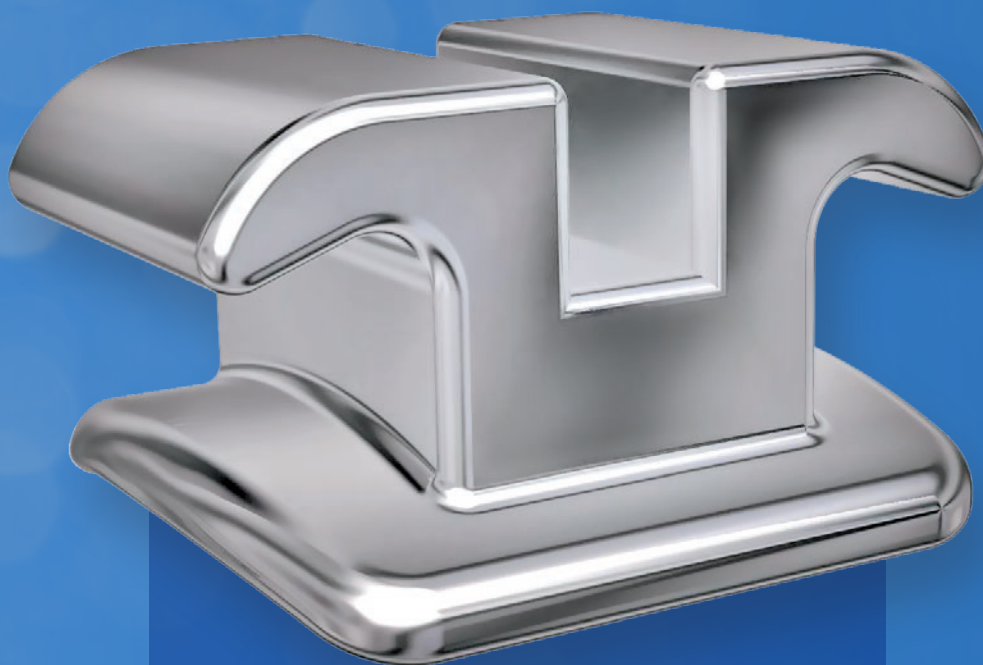
Tweed Brackets Natural Arch

202-934

Tweed Brackets

	Torque	Angle	Curved	 Slot .022 Each
Lateral	0°	0°		202-117
Bicuspid	0°	0°	x	202-118
Central	0°	0°		202-119
Cuspid	0°	0°	x	202-120
Anterior	0°	0°		202-121

TWEED BRACKETS



The Tweed system is an advancement of the edgewise technique with a non-programmed bracket appliance.

The brackets have a unique position requiring specific mm from the incisal edge. Developed as a 0.022 slot with wider anterior brackets while keeping an intermediate width for the bicuspids. This allows for more rotational control on the anterior while keeping an esthetic posterior. Tweed brackets are widely used for extraction cases and can be used for en masse retraction of the anterior region of the mouth.



MIM

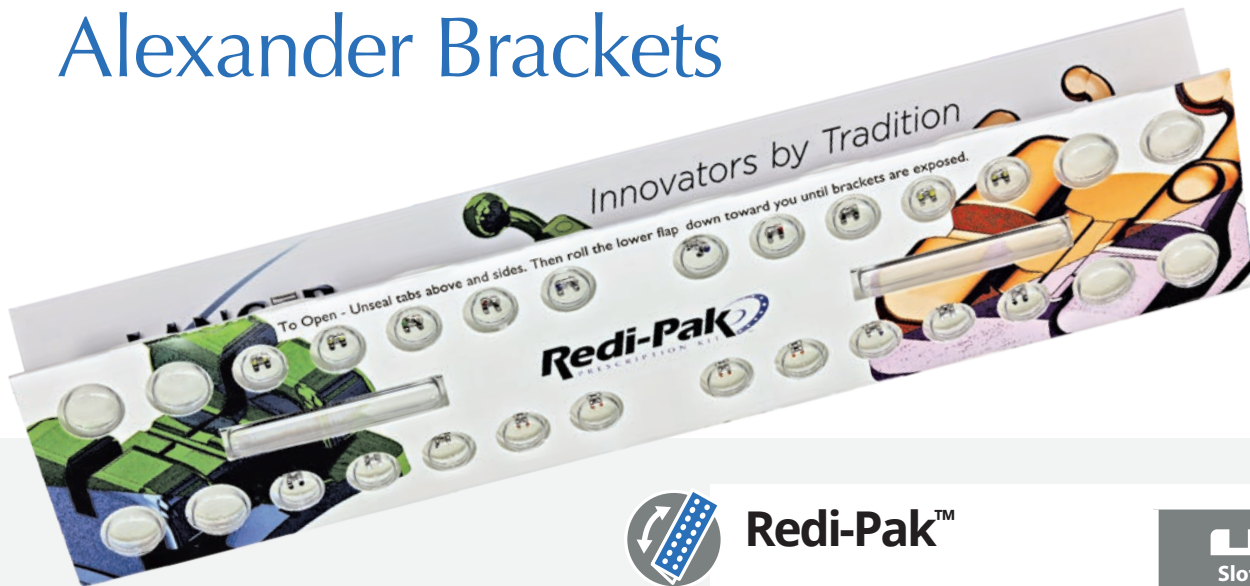


MESH BASE



REDI-PAK™

Alexander Brackets



Redi-Pak™

Slot
.018

All Hooks

295-933

Cuspid Hooks

295-935

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each
Central	+15°	+5°		R	295-001
				L	295-002
Lateral	+8°	+8°	x	R	295-013
				L	295-014
Cuspid	-2°	+11°	x	R	295-021
				L	295-022
Bicuspid	-7°	0°	x		295-031
					295-033

Carousel

	Slot .018
Alexander Brackets	295-901

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each
Central	-4°	0°			295-041
Lateral	-4°	0°	x		295-042
Cuspid	-7°	+6°	x	R	295-051
				L	295-052
1st Bicuspid	-11°	0°	x		295-061
					295-063
2nd Bicuspid	-17°	0°	x		295-071
					295-073

ALEXANDER BRACKETS



The unique Alexander bracket utilizes wings and inter-bracket space that enable the orthodontists to fine-tune rotations, control labial flaring, separate the lower anterior roots, and unravel the teeth quickly and precisely.

The Alexander technique allows for use of rectangular wires early in treatment while the inter-bracket distance reduces the force. This results in rapid tooth movement under complete control of the orthodontist, creating a beautiful finish with proper occlusion in minimal time.



CAST

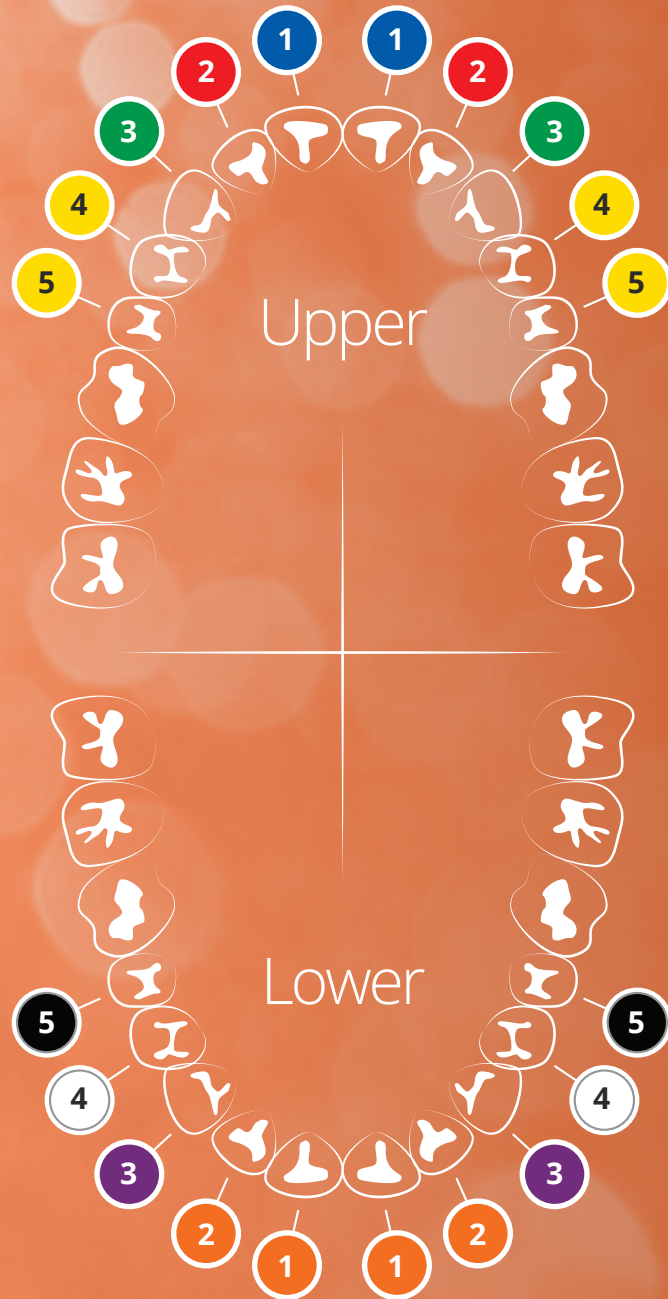


MESH BASE



REDI-PAK™

BRACKET IDENTIFICATION



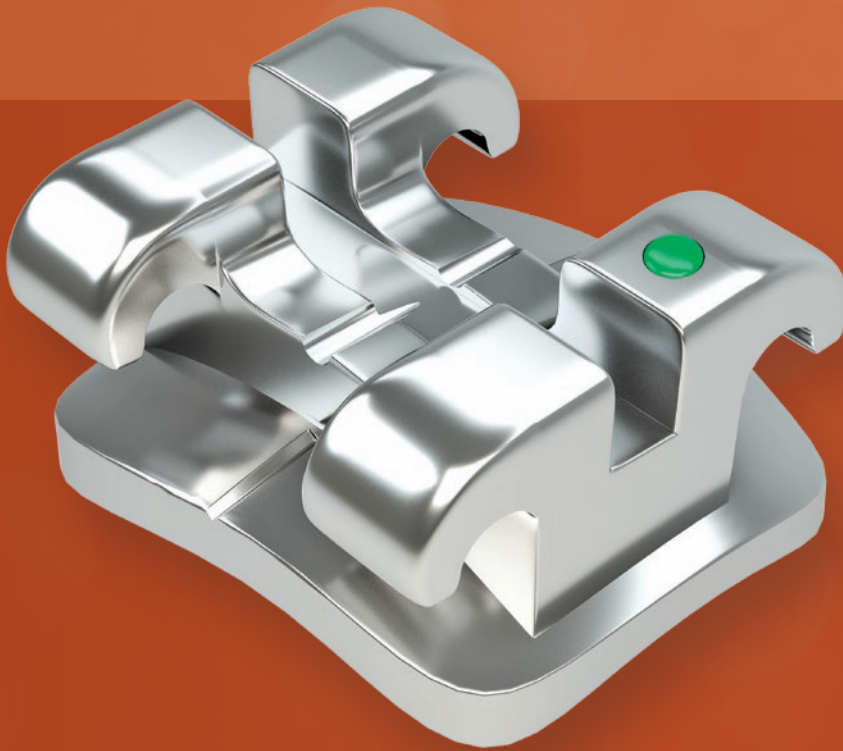
Treatment Systems

IN THIS SECTION:

Straight Forward Philosophy® (SFP)41

Spectrum™ V.A.S.T. Technique.....47

Straight Forward Philosophy[®]
is a complete orthodontic
treatment system.





STRAIGHT FORWARD PHILOSOPHY® (SFP)

Straight Forward Philosophy® is the result of more than 20 years of clinical experience using Straight-Wire appliances. This treatment system combines prescription and a custom arch system to achieve results.



MILLED



MIM



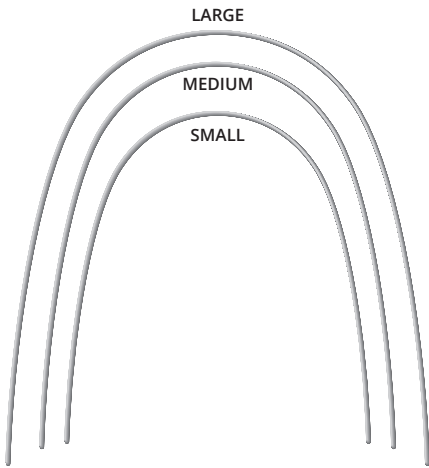
MESH BASE



REDI-PAK™

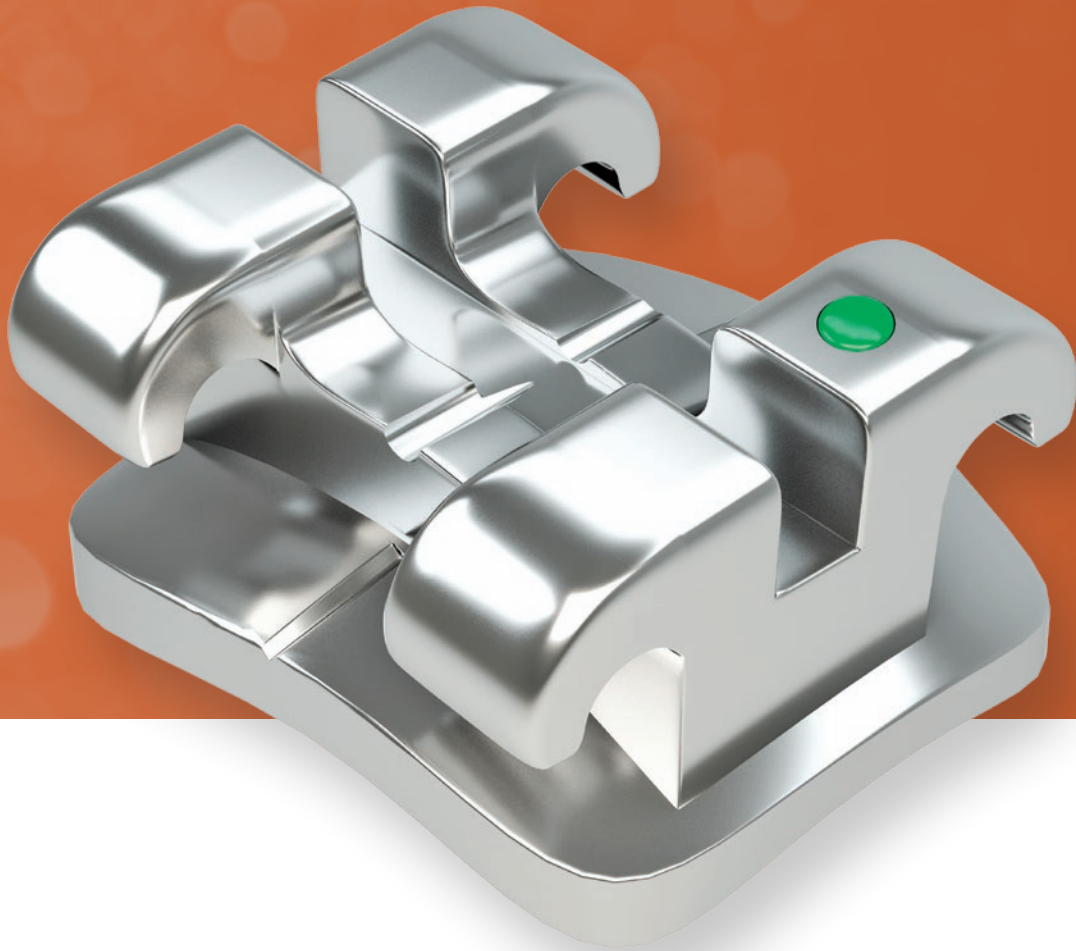
The SFP® Arch System

Data from literature and research conducted on more than 40 non-treated patients with normal occlusion has shown that the patient arch-form variability is not usually due to the shape, but to the initial intercuspid and intermolar diameters.



The new arches' ID-Forms have been designed for the technique Straight Forward Philosophy® with the purpose of minimizing the adaptation to the shape of the original arch form of the patient, and to comply with the different widths of arches.

The new NiTi thermal-activated archwires have been designed to exhibit consistent forces during the treatment and to be resistant to any permanent deformation, expressing efficiency during the alignment phase.



The SFP[®] Prescription

- *New Torque value on the Upper Lateral to counteract the tendency of slight proclination observed at the end of the orthodontic therapy.*
- *Increased lower arch incisor torque compared to the central incisors to reduce the tendency of the lateral to tilt in excess buccally.*
- *New versatility with the possibility to use lower lateral brackets on the lower central anteriors.*
- *Upper and lower cuspid brackets with 0° torque. A more uprighted canine produces a more appealing aesthetic result, and improves the efficiency of canine lateral discusion.*
- *Upper first and second molar offset is increased to 14° to compensate the typical mesial rotation due to the archwire/slot play, and the anchorage forces produce an appealing aesthetic result and improve the efficiency of canine lateral discusion.*
- *Lower second molar negative (-20°) torque is increased to alleviate the excessive flattening of the Wilson curve in the second molar area.*



SFP® KIT

CONTAINS: A complete case in Redi-Pak of 20 brackets and 8 direct buccal tubes,

2 Titanal LT ID-Form archwires (thermal NiTi) round section,

2 Titanal LT ID-Form archwires (thermal NiTi) rectangular section,

2 Stainless Steel archwires Posted ID-Form rectangular section.

SFP Intro Kit

268-958



SFP® EASY KIT

Great for all cases. A scaled down version of the SFP Intro Kit

SFP Easy Kit

268-965



Upper / Maxillary

Torque Offset L/R

-14°	10°	R
		L

Slot
.022
Each

3DL2-SN01
3DL2-SN02



Lower / Mandibular

Torque Offset L/R

-20°	0°	R
		L

Slot
.022
Each

3DL2-SN03
3DL2-SN04



THE SFP® PRESCRIPTION

Upper / Maxillary

	1		2		3		4		5		6			7		
	Torque	Angle	Torque	Angle	Torque	Angle	Torque	Angle	Torque	Angle	Torque	Angle	Rotate	Torque	Angle	Rotate
Roth	12°	5°	8°	9°	-2°	13°	-7°	0°	-7°	0°	-10°	0°	14°	-10°	0°	14°
MBT	17°	4°	10°	8°	-7°	8°	-7°	0°	-7°	0°	-14°	0°	10°	-14°	0°	10°
SFP	17°	4°	8°	8°	0°	8°	-7°	0°	-7°	0°	-14°	0°	14°	-14°	0°	14°

Lower / Mandibular

	1		2		3		4		5		6			7		
	Torque	Angle	Torque	Angle	Torque	Angle	Torque	Angle	Torque	Angle	Torque	Angle	Rotate	Torque	Angle	Rotate
Roth	-1°	2°	-1°	2°	-11°	7°	-17°	-1°	-22°	-1°	-25°	0°	4°	-30°	0°	4°
MBT	-6°	0°	-6°	0°	-6°	3°	-12°	2°	-17°	2°	-20°	0°	0°	-10°	0°	0°
SFP	-6°	0°	-10°	0°	0°	3°	-12°	2°	-17°	2°	-20°	0°	0°	-20°	0°	0°

ARCHWIRE

STRAIGHT FORWARD PHILOSOPHY'S® NEW ARCH SYSTEM

ID-Form arches are available in all alloys (Thermal NiTi, Stainless Steel and Beta-Titanium) and the dimensions designed in 1 original form and 3 "sizes" (small, medium and large).

The 3 "sizes" are perfectly coordinated with each other so that once the most appropriate size is chosen for the lower arch, you will have just to use the wider one for the upper. The ID-Form arch system improves the clinical efficiency and reduces inventory costs.

THERMAL

	Small 10-Pack	Medium 10-Pack	Large 10-Pack
0.014	540-114	540-014	540-214
14 x 25	540-115	540-015	540-215
0.016	540-116	540-016	540-216
.017 x .025	540-117	540-017	540-217
.019 x .025	540-119	540-019	540-219
.021 x .025	540-121	540-021	540-221

STAINLESS STEEL

	Small 10-Pack	Medium 10-Pack	Large 10-Pack
0.016	541-116	541-016	541-216
16 x 25	541-120	541-020	541-220
.017 x .025	541-117	541-017	541-217
0.018	541-118	541-018	541-218
.019 x .025	541-119	541-019	541-219
.021 x .025	541-121	541-021	541-221

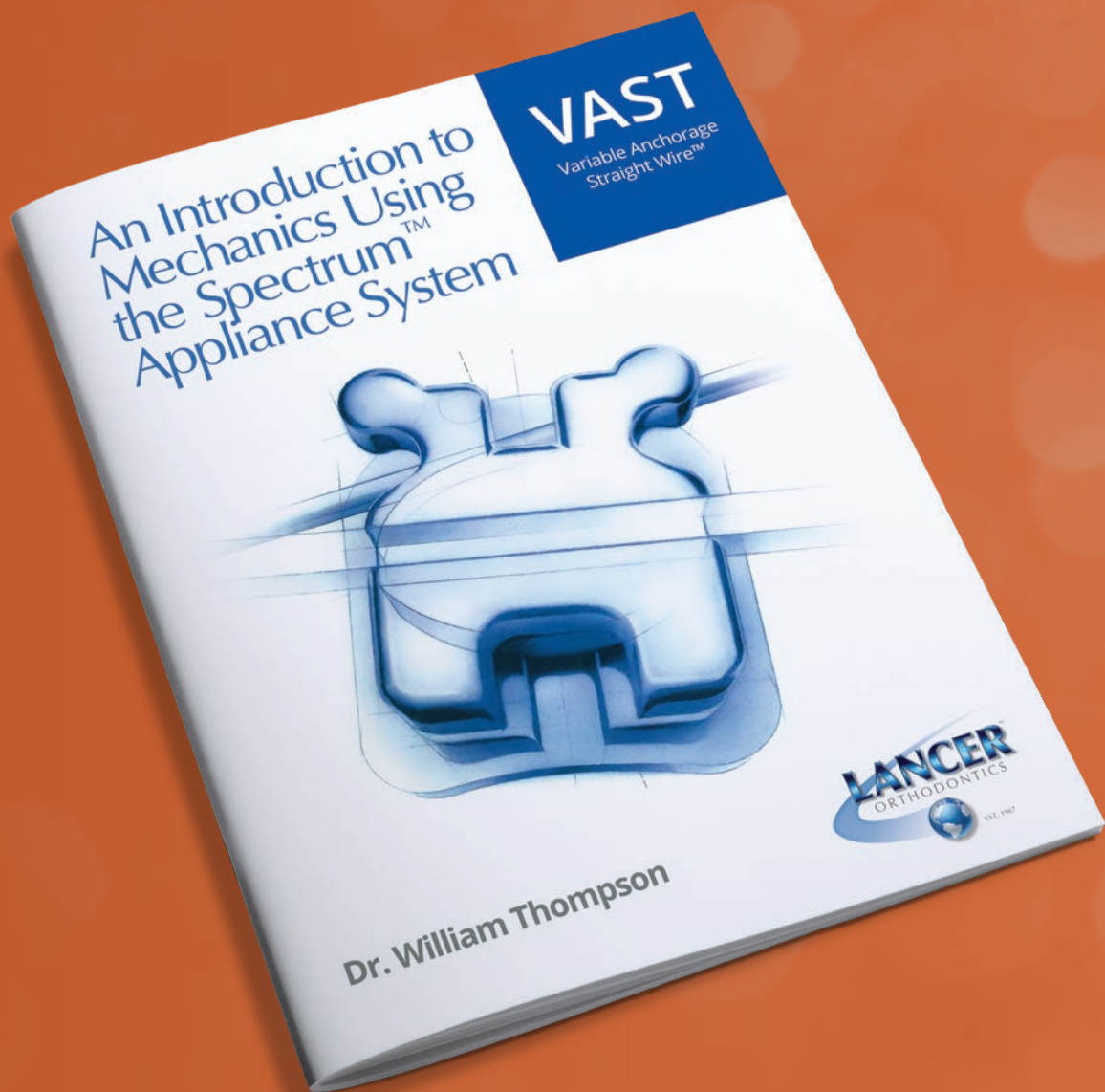
BETA TITANIUM

	Small 10-Pack	Medium 10-Pack	Large 10-Pack
.017 x .025	542-117	542-017	542-217
.019 x .025	542-119	542-019	542-219
.021 x .025	542-121	542-021	542-221

STAINLESS STEEL - POSTED

	Distance	Small 10-Pack	Distance	Medium 10-Pack	Distance	Large 10-Pack
.019 x .025	24mm	541-122	34mm	541-022	34mm	541-222
.019 x .025	26mm	541-123	38mm	541-023	38mm	541-223
.019 x .025	28mm	541-124	42mm	541-024	42mm	541-224

Spectrum™ provides a fast start and a great finish.



Introduction to the V.A.S.T. Technique

V.A.S.T. Book

999-118



SPECTRUM™ V.A.S.T. TECHNIQUE

Spectrum™ makes it possible to start treatment quickly using tipping and translation techniques with low forces. You can then use the built-in straight wire techniques to help achieve a precision finish with less effort.

- *Bracket allows you to practice with combination mechanics*
- *Non-binding, elliptical wing slots for easy, fast tipping*
- *Either incisal or gingival wing slot may be used and secured with pins, ligature ties, wires, or springs*
- *Straight wire slot to make precision finishing easier*
- *Permanent color coded I.D. system*
- *Vertical slot accepts springs, posts and hooks*
- *Low, wide profile gives Spectrum™ the proven efficiency and control of a twin bracket*
- *Pre-determined in/out relationships*
- *Segmented arch capability*
- *Your choice of .018 and .022 straight wire slots*



MILLED



CAST



MESH BASE



REDI-PAK™



Spectrum™
combines the
advantages
of many
treatment
techniques.



SPECTRUM™

Designed for a fast start and optimum finish, Lancer's Spectrum™ brackets feature four slots for a variety of treatment options: two wing slots, a straight wire slot, and a vertical slot, making this perhaps the most versatile bracket available today.



- *Unique wing slot configurations facilitate rapid, non-binding movements in the initial phases of treatment, using minimal force*
- *Predetermined in/out relationships, built-in torque and angulation, and your choice of .018 or .022 straight-wire slots*
- *Vertical slot design facilitates engagement, and readily accepts auxiliaries for securing archwires. It also accepts springs, posts, and hooks*
- *Archwires may be secured with pins, ligature ties, wires or springs*

Spectrum™ makes it possible to start treatment quickly using tipping and translation techniques with low forces. The built-in straight-wire techniques can then be used to help achieve a precision finish with less effort. An effective straight-wire bracket with advanced clinical capacity, Spectrum™ lets you decide which mechanics your patients need.

SPECTRUM™ VAST & Roth Prescriptions



Redi-Pak™

		Slot .018	Slot .022
	Hooks		
All Hooks	x	250-931	250-932
Spectrum™ High Torque w/ Hooks	x	250-933	250-936



Upper / Maxillary

					Slot .018 Each	Slot .022 Each
	Torque	Angle	Hook	L/R		
Central	+7°	+5°		R	250-001	250-101
				L	250-002	250-102
	+12°	+5°		R	250-003	250-103
				L	250-004	250-104
	+17°	+5°		R	250-005	250-105
				L	250-006	250-106
Lateral	+3°	+9°		R	250-011	250-111
				L	250-012	250-112
	+8°	+9°		R	250-013	250-113
				L	250-014	250-114
	+13°	+9°		R	250-015	250-115
				L	250-016	250-116
Cuspid	0°	+11°	x	R	250-021	250-121
				L	250-022	250-122
	-7°	+11°	x	R	250-023	250-123
				L	250-024	250-124
Bicuspid	-7°	0°			250-033	250-133



Education / Consultation

Spectrum
Consultation Model

915-110

Lower / Mandibular

					Slot .018 Each	Slot .022 Each
	Torque	Angle	Hook	L/R		
Anterior	0°	0°			250-041	250-141
	-5°	0°			250-042	250-142
Cuspid	-11°	+5°	x	R	250-051	250-151
				L	250-052	250-152
1st & 2nd Bicuspid	-19°	0°	x		250-063	250-163



SPECTRUM™ DOUBLE TUBE w/ HOOK

Upper / Maxillary



Torque Offset Aux L/R

-10° 8° .036

Slot
.018
Each

Slot
.022
Each

R 356-405DL

356-505DL

L 356-406DL

356-506DL

Lower / Mandibular



Torque Offset Aux L/R

-25° 8° .036

Each

Each

R 356-413DL

356-513DL

L 356-414DL

356-514DL



Spectrum Pins (Organized Box)

1st & 2nd Stage Box of 100	3rd Stage Box of 100	Tandem Stage Box of 100
013-227	013-229	013-231



Uprighting Springs

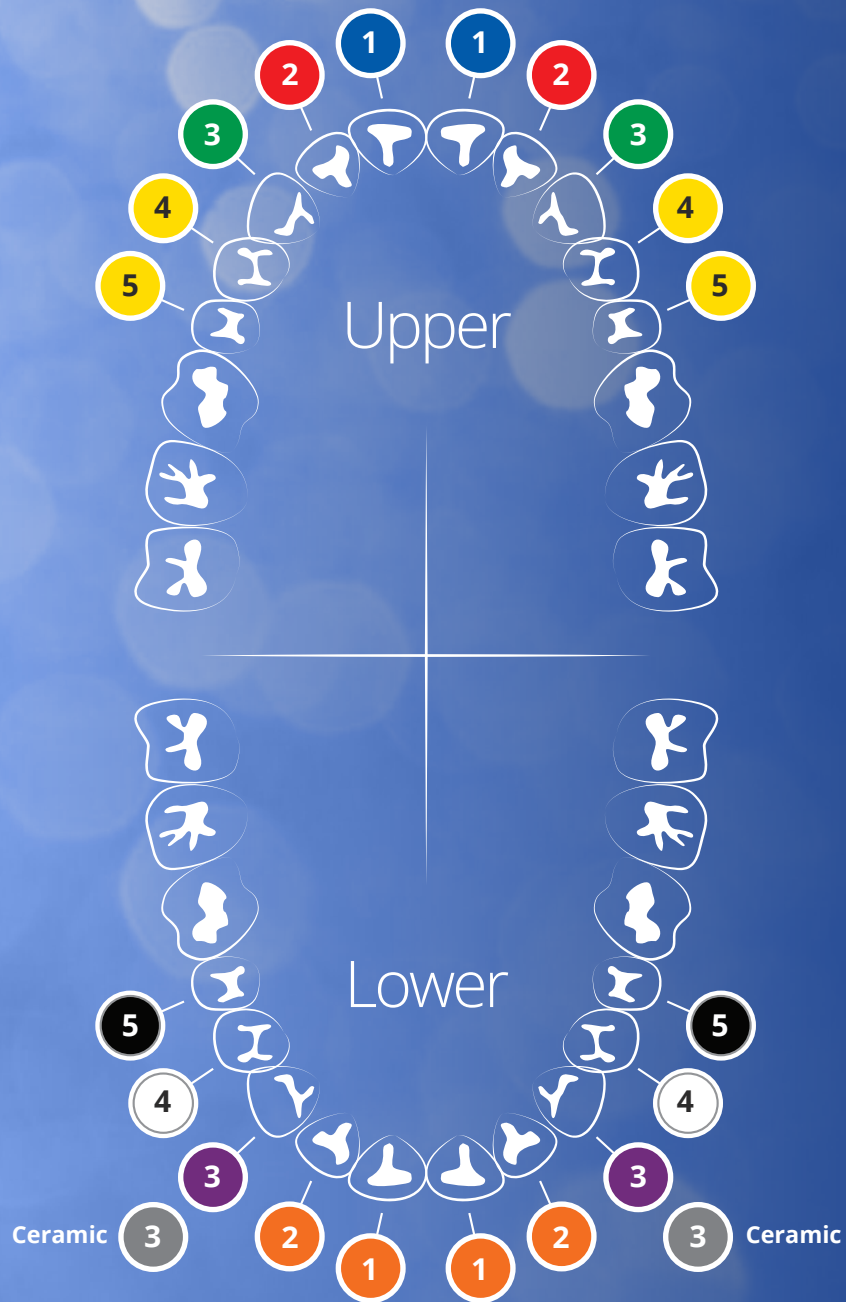
.016 5mm Arm	UR/LL Bag of 10	UL/LR Bag of 10
	015-133	015-134

SPECTRUM™ AUXILIARIES

The 1st and 2nd stage pin is designed to fit securely into the bracket, allowing for free sliding mechanics of the archwire. The 3rd stage pin is designed to fit into the vertical slot of the bracket while holding the archwire securely in place. The Tandem pin is designed to hold the archwire securely in position while offering the addition of a hook for surgery cases or vertical "cross" and class II elastics.

The Spectrum™ pins are designed and manufactured to an exact tolerance. The pin leg dimensions of all three pins are .016x.018 to be easily inserted into the Spectrum™ vertical slot of .020 x .020. With the exact tolerance of the stamped pin, the possibility of rotation of the pin in the bracket slot is eliminated.

BRACKET IDENTIFICATION



Self-Ligating Brackets

IN THIS SECTION:



Velocity™ Passive SLB 55



Velocity™ Active SLB 59



Velocity™ Active SLB Ceramic..... 63

All the advantages of a twin design with the benefit of Passive SLB techniques.

Precisely engineered and manufactured with a focus on performance and patient comfort, Lancer's Velocity passive stainless steel self-ligating brackets are packed with all the features to achieve excellent results every time.

- **Clip covers the mesial/distal width, for rotational control; allowing the wire to use the width of the bracket without auxiliaries**
- **Deep tie-wing undercuts for easy ligation**
- **NiTi clip offers superior flexibility, resisting breakage and jamming**
- **Clip locking mechanism ensures the clip remains securely engaged**
- **The base is compound contoured for increased bond strength and accurate bracket placement**
- **Torque in base for improved level slot lineup and finishing**
- **Single piece construction combines strength and accuracy, allowing full expression of the prescriptions' programed torques and angulations**
- **Color I.D. marks for easy identification**

Recommended Archwire Sequence

Lancer offers an extraordinarily broad and diverse range of diameters, material types and archforms to meet every clinical requirement. Our User Guide highlights the most popular wire choices for every phase of orthodontic treatment.

Stage I - Round Wires

Archwire	Duration	Objective
.014" Copper NiTi Universal Form Item No: S2UN-014 w/ Stops: S2UN-014S	10-20 Weeks	<ul style="list-style-type: none"> • Level and align • Initiate arch development • Correct rotations

Stage II - Rectangular Archwires

Archwire	Duration	Objective
.014" x .025" Copper NiTi Universal Form Item No: 52UN-1425 w/ Stops: 52UN-1425S	10-20 Weeks	<ul style="list-style-type: none"> • Complete leveling and aligning • Resolve remaining rotations • Begin torque control and anterior space consolidation • Continue arch development
.018" x .025" Copper NiTi Universal Form Item No: 52UN-1825 w/ Stops: 52UN-1825S	4-6 Weeks	<ul style="list-style-type: none"> • Express additional torque control as needed • Continue arch development

Stage III - Mechanics at Work

Archwire	Duration	Objective
.018" x .025" Beta Titanium Universal Form Item No: 56UN-1825	20-30 Weeks	<ul style="list-style-type: none"> • Finish torque control • Consolidate posterior space • Adjust buccal, lingual, anterior, and posterior • Coordinate patient arch form

Stage IV - Finishing

Archwire	Duration	Objective
.019" x .025" Beta Titanium Universal Form Item No: 56UN-1925	10 Weeks	<ul style="list-style-type: none"> • Final detailing as necessary

The chart above is the suggested order, duration, and objective of basic archwire sequence and by no means a replacement for professional expertise.



VELOCITY™ PASSIVE SLB

Lancer's Velocity™ passive self-ligating brackets perform as good as they look. With a low profile design for ultimate patient comfort and a NiTi clip with a secure locking mechanism, these stylish brackets are easy to use.

The Velocity™ SLB system is a robust and effective self-ligating bracket system that allows you to achieve quick leveling and aligning, and finish to the demanding criteria you expect. Simply bond the bracket, clip the wire into place, and enjoy the results.

Engineered for maximum patient comfort and ease of use, Velocity™ metal SLB brackets feature a self-ligating clip that is constructed of strong yet flexible nickel titanium. The clip is easy to operate and does not require a specific instrument.

The passive design provides excellent sliding mechanics, which allows for fast and accurate tooth movement. The tolerances of the sliding clip are engineered to deter the build-up of food debris, plaque or tartar. This bracket design promotes good oral hygiene and allows the bracket to function as intended over the duration of treatment.



MILLED



ACCU-GRIP
BASE



REDI-PAK™

VELOCITY™ PASSIVE SLB Roth Prescription



Redi-Pak™

Hooks

Slot
.018

Slot
.022

All Hooks

x

21RK-345-18

21RK-345-22



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+12°	+5°		R	21R-18R	21R-12R
				L	21R-18L	21R-12L
Lateral	+8°	+9°		R	21R-28R	21R-22R
				L	21R-28L	21R-22L
Cuspid	-2°	+11°	x	R	21R-38R	21R-32R
				L	21R-38L	21R-32L
				R	21R-38RN	21R-32RN
				L	21R-38LN	21R-32LN
1st Bicuspid	-7°	0°	x	R	21R-48R	21R-42R
				L	21R-48L	21R-42L
				R	21R-48RN	21R-42RN
				L	21R-48LN	21R-42LN
2nd Bicuspid	-7°	0°	x	R	21R-98R	21R-92R
				L	21R-98L	21R-92L
				R	21R-98RN	21R-92RN
				L	21R-98LN	21R-92LN

Each bracket is marked with Palmer Notation.

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	-1°	0°			21R-58U	21R-52U
Cuspid	-11°	+7°	x	R	21R-68R	21R-62R
				L	21R-68L	21R-62L
				R	21R-68RN	21R-62RN
				L	21R-68LN	21R-62LN
1st Bicuspid	-17°	0°	x	R	21R-78R	21R-72R
				L	21R-78L	21R-72L
				R	21R-78RN	21R-72RN
				L	21R-78LN	21R-72LN
2nd Bicuspid	-17°	+2°	x	R	21R-88R	21R-82R
				L	21R-88L	21R-82L
				R	21R-88RN	21R-82RN
				L	21R-88LN	21R-82LN



Education / Consultation

Velocity Passive SLB Consultation Model

915-21

VELOCITY™ PASSIVE SLB MBT Prescription



Redi-Pak™

Hooks

 Slot
.018

 Slot
.022

All Hooks

x

21MK-345-18

21-MK-345-22

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+17°	+4°		R	21M-18R	21M-12R
				L	21M-18L	21M-12L
Lateral	+10°	+8°		R	21M-28R	21M-22R
				L	21M-28L	21M-22L
Cuspid	-7°	+8°	x	R	21M-38R	21M-32R
				L	21M-38L	21M-32L
				R	21M-38RN	21M-32RN
				L	21M-38LN	21M-32LN
1st Bicuspid	-7°	0°	x	R	21M-48R	21M-42R
				L	21M-48L	21M-42L
				R	21M-48RN	21M-42RN
				L	21M-48LN	21M-42LN
2nd Bicuspid	-7°	0°	x	R	21M-98R	21M-92R
				L	21M-98L	21M-92L
				R	21M-98RN	21M-92RN
				L	21M-98LN	21M-92LN

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	-6°	0°			21M-58U	21M-52U
Cuspid	-6°	+3°	x	R	21M-68R	21M-62R
				L	21M-68L	21M-62L
				R	21M-68RN	21M-62RN
				L	21M-68LN	21M-62LN
1st Bicuspid	-12°	+2°	x	R	21M-78R	21M-72R
				L	21M-78L	21M-72L
				R	21M-78RN	21M-72RN
				L	21M-78LN	21M-72LN
2nd Bicuspid	-17°	+2°	x	R	21M-88R	21M-82R
				L	21M-88L	21M-82L
				R	21M-88RN	21M-82RN
				L	21M-88LN	21M-82LN

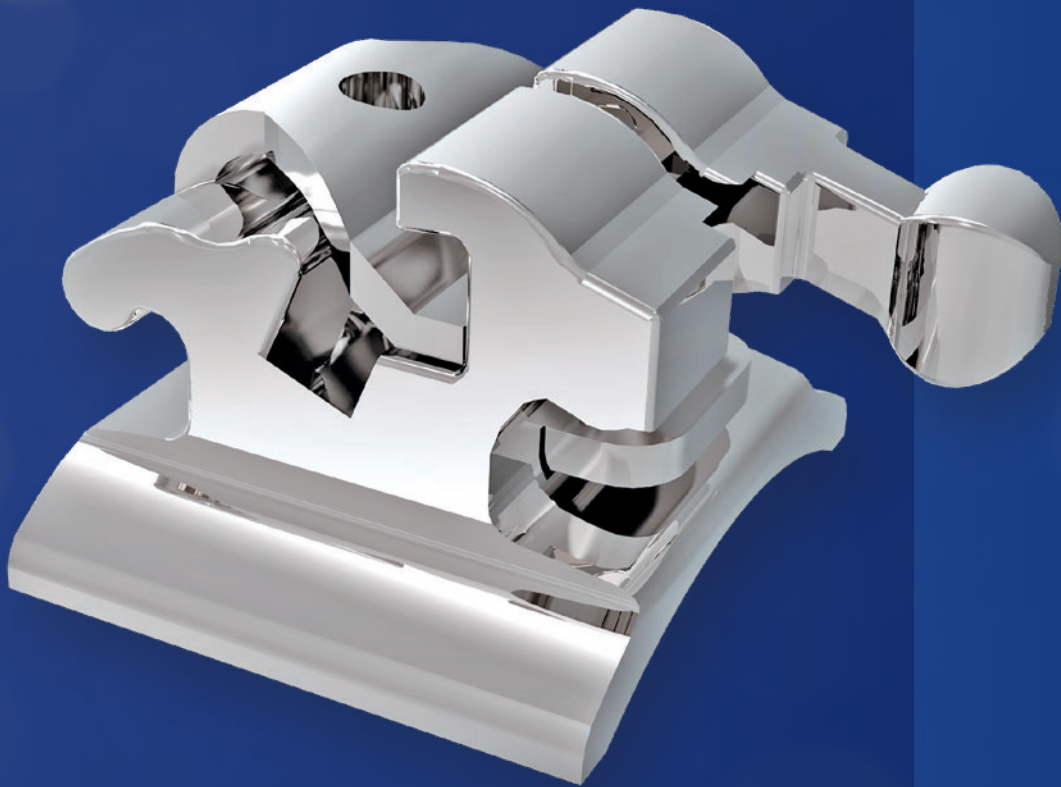
Each bracket
is marked with
Palmer Notation.

Discover
the next
generation
of Active SLB.

VELOCITY™ ACTIVE SLB

Next generation Active SLB, with a robust NiTi clip that will seat the larger wires in the bottom of the slot where they belong.

Velocity™ Active SLB delivers proven engineering to meet the demands of all cases. Patient comfort is realized with a high retention base.



MIM

ACCU-GRIP
BASE

REDI-PAK™

VELOCITY™ ACTIVE SLB Roth Prescription



Redi-Pak™

Hooks

Slot
.018

Slot
.022
All Hooks

x

23RK-345-18

23RK345-22



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+12°	+5°		R	23R-18R	23R-12R
				L	23R-18L	23R-12L
Lateral	+8°	+9°		R	23R-28R	23R-22R
				L	23R-28L	23R-22L
Cuspid	-2°	+11°	x	R	23R-38R	23R-32R
				L	23R-38L	23R-32L
1st Bicuspid	-7°	0°	x	R	23R-48R	23R-42R
				L	23R-48L	23R-42L
				R	23R-48RN	23R-42RN
				L	23R-48LN	23R-42LN
2nd Bicuspid	-7°	0°	x	R	23R-98R	23R-92R
				L	23R-98L	23R-92L
				R	23R-98RN	23R-92RN
				L	23R-98LN	23R-92LN

Each bracket is marked
with Palmer Notation.

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	-1°	0°			23R-58U	23R-52U
Cuspid	-11°	+7°	x	R	23R-68R	23R-62R
				L	23R-68L	23R-62L
1st Bicuspid	-17°	0°	x	R	23R-78R	23R-72R
				L	23R-78L	23R-72L
				R	23R-78RN	23R-72RN
				L	23R-78LN	23R-72LN
2nd Bicuspid	-17°	+2°	x	R	23R-88R	23R-82R
				L	23R-88L	23R-82L
				R	23R-88RN	23R-82RN
				L	23R-88LN	23R-82LN



Education / Consultation

**Velocity Active SLB
Consultation Model**

915-23

VELOCITY™ ACTIVE SLB MBT Prescription



Redi-Pak™

Hooks

 Slot
.018

 Slot
.022

All Hooks

x

23MK-345-18

23MK-345-22

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+17°	+4°		R	23M-18R	23M-12R
				L	23M-18L	23M-12L
Lateral	+10°	+8°		R	23M-28R	23M-22R
				L	23M-28L	23M-22L
Cuspid	-7°	+8°	x	R	23M-38R	23M-32R
				L	23M-38L	23M-32L
1st Bicuspid	-7°	0°	x	R	23M-48R	23M-42R
				L	23M-48L	23M-42L
				R	23M-48RN	23M-42RN
				L	23M-48LN	23M-42LN
2nd Bicuspid	-7°	0°	x	R	23M-98R	23M-92R
				L	23M-98L	23M-92L
				R	23M-98RN	23M-92RN
				L	23M-98LN	23M-92LN

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	-6°	0°			23M-58U	23M-52U
Cuspid	-6°	+3°	x	R	23M-68R	23M-62R
				L	23M-68L	23M-62L
1st Bicuspid	-12°	+2°	x	R	23M-78R	23M-72R
				L	23M-78L	23M-72L
				R	23M-78RN	23M-72RN
				L	23M-78LN	23M-72LN
2nd Bicuspid	-17°	+2°	x	R	23M-88R	23M-82R
				L	23M-88L	23M-82L
				R	23M-88RN	23M-82RN
				L	23M-88LN	23M-82LN

Each bracket
is marked with
Palmer Notation.

The next
generation
of ceramic
Active SLB.



VELOCITY™ ACTIVE SLB CERAMIC

Velocity Active SLB provides the same robust NiTi clip as its all-metal partner with the added bonus of high density, super strong ceramic construction.

Due to the same in/out relationship to the all metal design, cases can be combined easily.

Velocity Active SLB also features the Accu-Grip™ base, engineered for increased retention.



CIM

ACCU-GRIP
BASE

REDI-PAK™

VELOCITY™ ACTIVE SLB CERAMIC Roth Prescription



Redi-Pak™

Hooks

Slot
.018*

Slot
.022
All Hooks

x

24RK-345-18

24RK-345-22



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018* Each	Slot .022 Each
Central	+12°	+5°		R	24R-18R	24R-12R
				L	24R-18L	24R-12L
Lateral	+8°	+9°		R	24R-28R	24R-22R
				L	24R-28L	24R-22L
Cuspid	0°	+11°	x	R	24R-38R	24R-32R
				L	24R-38L	24R-32L
Bicuspid	-7°	0°	x	R	24R-48R	24R-42R
				L	24R-48L	24R-42L

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018* Each	Slot .022 Each
Anterior	0°	0°			24R-58U	24R-52U
Cuspid	-11°	+7°	x	R	24R-68R	24R-62R
				L	24R-68L	24R-62L

Lower Bicuspids are Active SLB Metal

*.018 Slot available in 2019

1st Bicuspid	-17°	0°	x	R	23R-78R	23R-72R
				L	23R-78L	23R-72L
				R	23R-78RN	23R-72RN
				L	23R-78LN	23R-72LN
2nd Bicuspid	-17°	+2°	x	R	23R-88R	23R-82R
				L	23R-88L	23R-82L
				R	23R-88RN	23R-82RN
				L	23R-88LN	23R-82LN



Education / Consultation

**Velocity Active SLB
Ceramic
Consultation Model**

915-24

VELOCITY™ ACTIVE SLB CERAMIC MBT Prescription



Redi-Pak™

Hooks

Slot
 .018*


Slot
 .022

All Hooks

x

24MK-345-18

24MK-345-22

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018* Each	Slot .022 Each
Central	+17°	+4°		R	24M-18R	24M-12R
				L	24M-18L	24M-12L
Lateral	+10°	+8°		R	24M-28R	24M-22R
				L	24M-28L	24M-22L
Cuspid	-7°	+8°	x	R	24M-38R	24M-32R
				L	24M-38L	24M-32L
	0°	+8°		R	24M-38R0	24M-32R0
				L	24M-38L0	24M-32L0
Bicuspid	-7°	0°	x	R	24M-48R	24M-42R
				L	24M-48L	24M-42L
						24M-48N

Lower / Mandibular

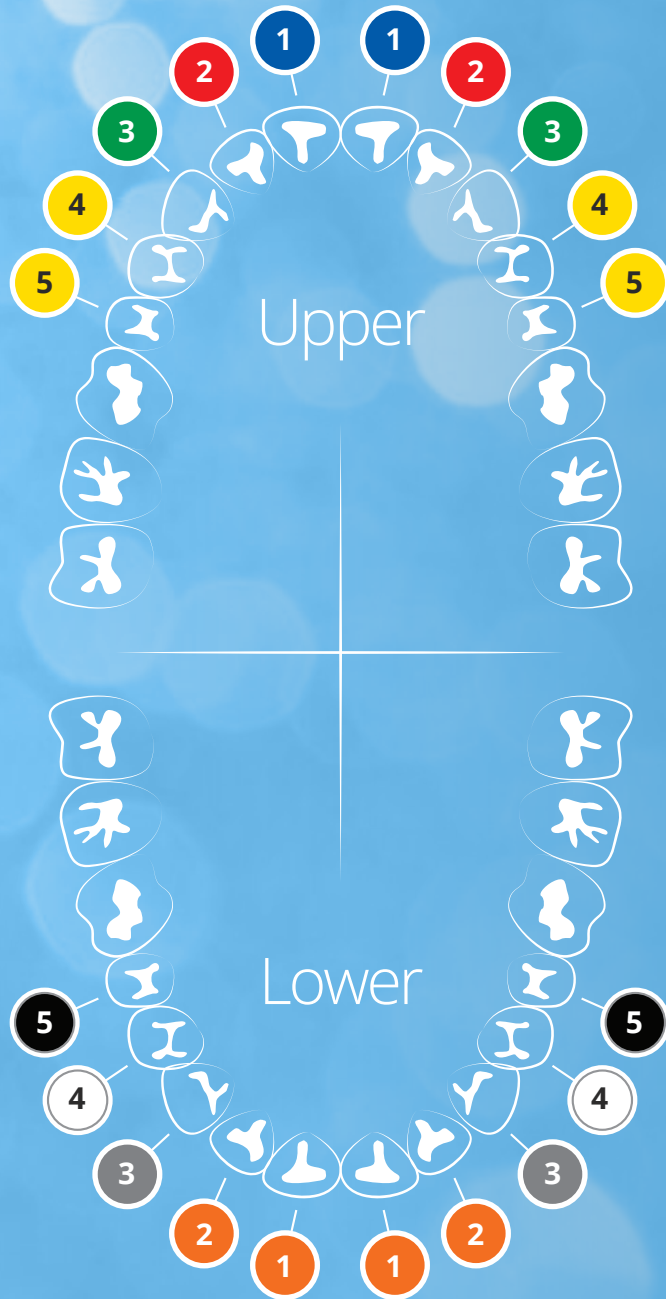
	Torque	Angle	Hook	L/R	Slot .018* Each	Slot .022 Each
Anterior	-6°	0°			24M-58U	24M-52U
Cuspid	-6°	+3°	x	R	24M-68R	24M-62R
				L	24M-68L	24M-62L
	0°	+3°		R	24M-68R0	24M-62R0
				L	24M-68L0	24M-62L0

Lower Bicuspid are Active SLB Metal

*.018 Slot available in 2019

1st Bicuspid	-12°	+2°	x	R	23M-78R	23M-72R
				L	23M-78L	23M-72L
				R	23M-78RN	23M-72RN
				L	23M-78LN	23M-72LN
2nd Bicuspid	-17°	+2°	x	R	23M-88R	23M-82R
				L	23M-88L	23M-82L
				R	23M-88RN	23M-82RN
				L	23M-88LN	23M-82LN

CERAMIC BRACKET IDENTIFICATION



Aesthetic Brackets

IN THIS SECTION :



Optyc™ Ceramic 69



Velocity Whisper™ 73

Unsurpassed aesthetic qualities.

Lancer's Optyc™ aesthetic brackets are known for their "Chameleon Effect", where the premium quality polycrystalline cultured alumina from which they are manufactured allows the brackets to blend with the tooth color.





OPTYC™ CERAMIC

Precisely engineered and manufactured with an emphasis on performance and accuracy.

Lancer's Optyc™ ceramic brackets exhibit maximum strength and shape integrity while maintaining a totally aesthetic appearance throughout treatment.

With added new features and an improved classic design, Optyc™ offers a great choice in aesthetics for your patients.

- *Rhomboidal shape for easy placement*
- *Unique bonding base is enhanced with Accu-Grip™ undercuts for a secure bond and easy debonding*
- *Smooth, contoured tie-wings for maximum patient comfort and mechanical functionality*
- *Blue colored wire slot aids in bracket placement*



CERAMIC
GRINDING



ACCU-GRIP
BASE



REDI-PAK™

OPTYC™ CERAMIC Roth Prescription



Redi-Pak™

		Slot .018	Slot .022
Hooks			
All Hooks	x	246-941	246-942
Hooks on Cuspids	x	246-945	246-946



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018	Slot .022
					Each	Each
Central	+17°	+4°		R	246-401	246-501
				L	246-402	246-502
Lateral	+10°	+8°		R	246-411	246-511
				L	246-412	246-512
Cuspid	0	+8°	x	R	246-421	246-521
				L	246-422	246-522
Bicuspid	-7°	0			246-433	246-533

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018	Slot .022
					Each	Each
Anterior	-6°	0			246-441	246-541
Cuspid	0	+3°	x	R	246-451	246-551
				L	246-452	246-552
1st Bicuspid	-12°	0			246-463	246-563
2nd Bicuspid	-17°	0			246-473	246-573



Education / Consultation

Optyc
Consultation Model

915-138

OPTYC™ CERAMIC MBT Prescription



Redi-Pak™

	Hooks	Slot .018	Slot .022
All Hooks	x	231-941	231-942
Hooks on Cuspids	x	231-947	231-948

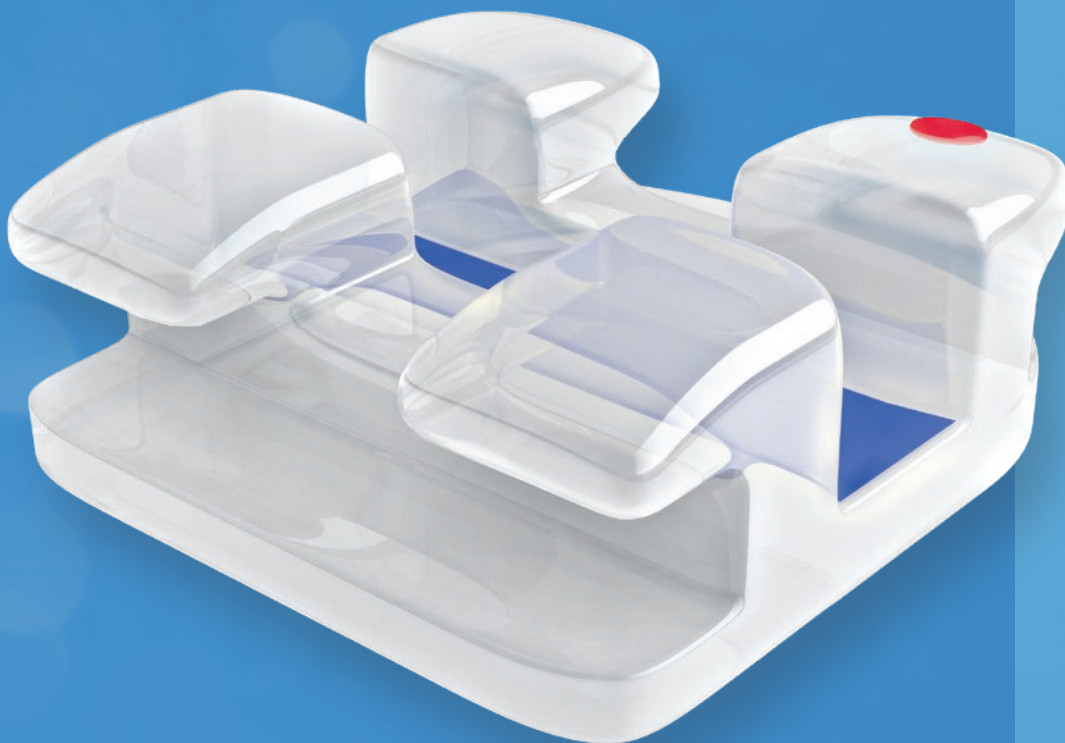
Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+17°	+4°		R	231-401	231-501
				L	231-402	231-502
Lateral	+10°	+8°		R	231-411	231-511
				L	231-412	231-512
Cuspid	0	+8°	x	R	231-421	231-521
				L	231-422	231-522
Bicuspid	-7°	0			231-433	231-533

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	-6°	0			231-441	231-541
Cuspid	0	+3°	x	R	231-451	231-551
				L	231-452	231-552
1st Bicuspid	-12°	0			231-463	231-563
2nd Bicuspid	-17°	0			231-473	231-573

Velocity Whisper
is the pinnacle
of aesthetic
versatility,
strength and
performance.



VELOCITY WHISPER™

Velocity Whisper™ is a pleasingly translucent, stain resistant bracket that gives off no glare and is designed for unparalleled strength, maximum patient comfort and perfect treatment results.

- *Ultra smooth surface, contoured base, smooth tie wings and hooks, and rounded corners for ultimate patient comfort*
- *Accu-Grip™ ultra-hold base design for reliable bonding and consistent debonding*
- *Blue colored wire slot aids in bracket placement*
- *Ample tie wing space for fast and easy ligation*



CIM

ACCU-GRIP
BASE

REDI-PAK™

VELOCITY™ WHISPER Roth Prescription



Redi-Pak™

		Slot .018	Slot .022
Hooks			
All Hooks	x	25RK-345-18	25RK-345-22
Hooks on Cuspids	x	25RK-3-18	25RK-3-22



Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+12°	+5°		R	25R-18R	25R-12R
				L	25R-18L	25R-12L
Lateral	+8°	+9°		R	25R-28R	25R-22R
				L	25R-28L	25R-22L
Cuspid	0°	+11°	x	R	25R-38R	25R-32R
				L	25R-38L	25R-32L
Bicuspid	-7°	0°	x	R	25R-48R	25R-42R
				L	25R-48L	25R-42L
						25R-48U

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	0°	0°			25R-58U	25R-52U
Cuspid	-11°	+5°	x	R	25R-68R	25R-62R
				L	25R-68L	25R-62L
1st Bicuspid	-17°	0°	x	R	25R-78R	25R-72R
				L	25R-78L	25R-72L
2nd Bicuspid	-22°	0°	x	R	25R-88R	25R-82R
				L	25R-88L	25R-82L



Education / Consultation

Velocity Whisper
Consultation Model

915-25

VELOCITY™ WHISPER MBT Prescription



Redi-Pak™

Hooks



Slot
.018



Slot
.022

All Hooks

x

25MK-345-18

25MK-345-22

Hooks on Cuspid

x

25MK-3-18

25MK-3-22

Upper / Maxillary

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Central	+17°	+4°		R	25M-18R	25M-12R
				L	25M-18L	25M-12L
Lateral	+10°	+8°		R	25M-28R	25M-22R
				L	25M-28L	25M-22L
Cuspid	-7°	+8°	x	R	25M-38R	25M-32R
				L	25M-38L	25M-32L
	0°	+8°		R	25M-38R0	25M-32R0
				L	25M-38L0	25M-32L0
Bicuspid	-7°	0°	x	R	25M-48R	25M-42R
				L	25M-48L	25M-42L
						25M-48U

Lower / Mandibular

	Torque	Angle	Hook	L/R	Slot .018 Each	Slot .022 Each
Anterior	-6°	0°			25M-58U	25M-52U
Cuspid	-6°	0°	x	R	25M-68R	25M-62R
				L	25M-68L	25M-62L
	0°	+3°		R	25M-68R0	25M-62R0
				L	25M-68L0	25M-62L0
1st Bicuspid	-12°	+2°	x	R	25M-78R	25M-72R
				L	25M-78L	25M-72L
						25M-78U
2nd Bicuspid	-17°	0°	x	R	25M-88R	25M-82R
				L	25M-88L	25M-82L
						25M-88U

Buccal Tubes

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For more than fifty years, Lancer has had its finger on the pulse of the ever-changing orthodontic industry.

Over that span, we have effectively and successfully addressed the latest industry needs by incorporating the latest design and manufacturing technologies with a growing industry demand for effective, comfortable, easy-to-use appliances that simplify treatment and reduce valuable chair time.



Lancer produces some of the most popular and trusted Buccal tubes on the market.

With buccal tubes being such a critical component in orthodontic treatment, Lancer has meticulously engineered a full complement of weldable and bondable convertible and non-convertible tubes for all your treatment needs. These buccal tubes are available both individually, and custom-welded directly onto bands to meet your specific clinical needs.

Our tubes feature a compound radius on the pad that mirrors the unique contour of a molar's clinical crown. The tube has a unique pad that enables bonding of partially erupted molars without sacrificing the strength of the pad. Because precise positioning is critical in establishing an effective treatment and avoiding occlusal interference with opposing teeth, we designed our bonding pads with pronounced developmental indents for easy location of the optimal bonding position, resulting in less bonding effort by the clinician and less soft tissue trauma to the patient.

As with all the appliances we manufacture, Lancer applies internationally recognized quality standards in the production of our tubes to help ensure that we consistently deliver world-class quality to our customers.

Velocity™ Buccal Tubes

Manufactured using the latest Metal Injection Molding (MIM) technologies, Velocity™ buccal tubes offer a sleek and stylish design for maximum patient comfort and clinical effectiveness.



VELOCITY™ SINGLE BUCCAL TUBES

The latest design of an extremely low-profile buccal tube, Velocity™ buccal tubes are setting the standard in exceeding clinical demands and assuring patient comfort. The funneled entrance of our Velocity™ tubes facilitates easy wire insertion. Wires are guided effortlessly into the broad entrance, simplifying arch wire adjustments and saving valuable chair time.

This tube offers patient comfort and clinical effectiveness in one powerful appliance.

- *Funneled entrance for easy wire insertion, occlusal/gingival positioning guides to aid in placement, and a distal notch for additional ligation*
- *Bondable and Weldable – Available in Roth, MBT and Standard Rx's, .018 and .022*
- *Tube length 4.3mm*

VELOCITY™ SINGLE BUCCAL TUBES

1ST / 2ND MOLAR

Upper / Maxillary

	Torque	Offset	L/R	Long Bondable		Short Bondable	
				.018 Each	.022 Each	.018 Each	.022 Each
Roth	-10°	8°	R	3DL8-SN05	3DL2-SN05	3DS8-SN05	3DS2-SN05
			L	3DL8-SN06	3DL2-SN06	3DS8-SN06	3DS2-SN06
MBT	-14°	10°	R	3DL8-SN01	3DL2-SN01	3DS8-SN01	3DS2-SN01
			L	3DL8-SN02	3DL2-SN02	3DS8-SN02	3DS2-SN02

Lower / Mandibular

	Torque	Offset	L/R	Long Bondable		Short Bondable	
				.018 Each	.022 Each	.018 Each	.022 Each
Roth	-25°	5°	R	3DL8-SN07	3DL2-SN07	3DS8-SN07	3DS2-SN07
			L	3DL8-SN08	3DL2-SN08	3DS8-SN08	3DS2-SN08
MBT	-20°	0°	R	3DL8-SN03	3DL2-SN03	3DS8-SN03	3DS2-SN03
			L	3DL8-SN04	3DL2-SN04	3DS8-SN04	3DS2-SN04

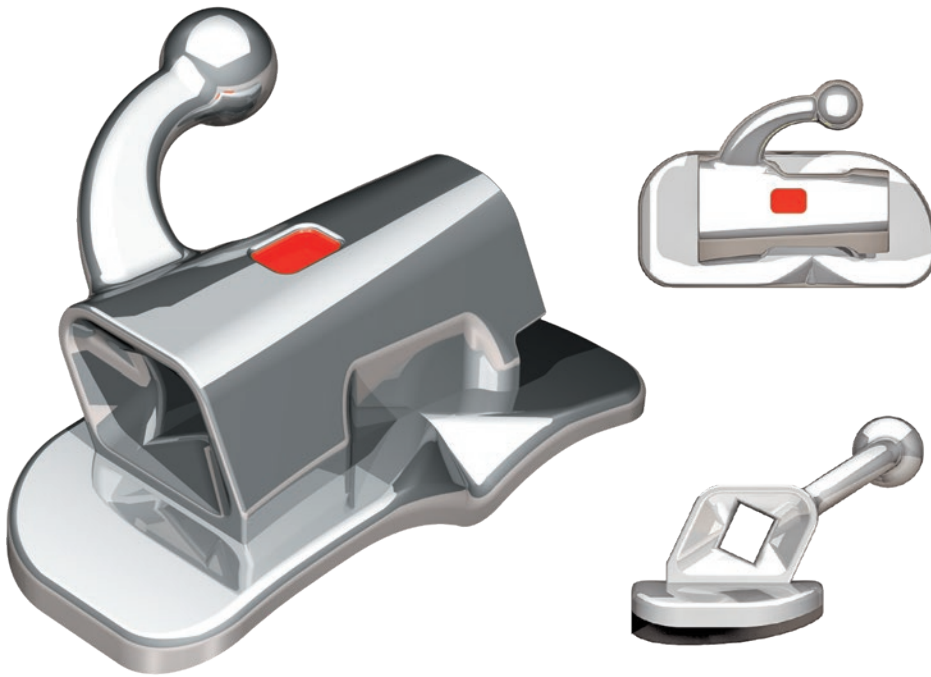
EDGEWISE/STANDARD

1ST / 2ND MOLAR

Upper / Lower

	Torque	Offset	L/R	Long Bondable		Short Bondable	
				.018 Each	.022 Each	.018 Each	.022 Each
Edgewise/ Standard	0°	0°	UR/LL	3DL8-SN09	3DL2-SN09	3DS8-SN09	3DS2-SN09
			UL/LR	3DL8-SN10	3DL2-SN10	3DS8-SN10	3DS2-SN10

PRAXIS™ SINGLE BUCCAL TUBES



- Distal notch for laceback
- Buccal indentation on base for accurate placement
- Metal Injection Molded (MIM) for superior strength, precision and consistency
- Low profile design for comfort
- Funneled entrance for ease of wire placement

PRAXIS™ BUCCAL TUBES

Upper / Maxillary

		Torque	Offset	L/R	.022 Each
Roth	1st Molar	-10°	8°	R	351-743
				L	351-744
	2nd Molar	-10°	8°	R	351-745
				L	351-746
MBT	1st Molar	-14°	10°	R	351-735
				L	351-736
	2nd Molar	-14°	10°	R	351-737
				L	351-738

Lower / Mandibular

		Torque	Offset	L/R	.022 Each
Roth	1st Molar	-25°	5°	R	351-747
				L	351-748
	2nd Molar	-25°	5°	R	351-749
				L	351-750
MBT	1st Molar	-20°	0°	R	351-739
				L	351-740
	2nd Molar	-20°	0°	R	351-741
				L	351-742

OHNO DOUBLE CONVERTIBLE BUCCAL TUBES




With .045 Headgear Tube




DOUBLE CONVERTIBLE, OCCLUSAL

Upper / Maxillary

	Torque	Offset	HGO	L/R	.018	.022
					Each	Each
Standard (Ricketts)	0°	0°	.045	R	326-855DL	326-955DL
				L	326-856DL	326-956DL
Roth	-10°	8°	.045	R	326-851DL	326-951DL
				L	326-852DL	326-952DL
MBT	-14°	8°	.045	R	326-859DL	326-953DL
				L	326-860DL	326-954DL

Lower / Mandibular

	Torque	Offset	HGO	L/R	.018	.022
					Each	Each
Standard (Ricketts)	0°	0°	.045	R	326-856DL	326-956DL
				L	326-855DL	326-955DL

DOUBLE CONVERTIBLE, GINGIVAL

	Torque	Offset	HGG	L/R	.018	.022
					Each	Each
Roth	-10°	8°	.045	R		326-957DL
				L		326-958DL
MBT	-14°	8°	.045	R		326-959DL
				L		326-960DL

Lancer's Velocity™ line of convertible buccal tubes incorporates the latest technology in design and manufacturing.

Our convertible tubes feature an integrated molded cap to ensure conversion only when clinically removed.



VELOCITY™ SINGLE CONVERTIBLE BUCCAL TUBES*

Produced from state-of-the-art design and MIM manufacturing technologies, Lancer's Velocity Single Convertible Buccal Tubes feature an integrated molded cap to ensure conversion only when clinically removed. Following archwire slot conversion, the twin tie wing design facilitates secure ligation.

- **Bondable and Weldable** – Available in Roth and MBT Rx's, .018 and .022 slot sizes
- **Reduced occlusal interference and gingival impingement**
- **Mesial extension tab facilitates removal of the "peel-away" cap**
- **Tube length: 3.5mm**

VELOCITY™ SINGLE CONVERTIBLE BUCCAL TUBES

Upper / Maxillary

	Torque Angle		L/R	Long Bondable		Short Bondable	
				.018 Each	.022 Each	.018 Each	.022 Each
Roth	-10°	8°	R	3DL8-SC05	3DL2-SC05	3DS8-SC05	3DS2-SC05
			L	3DL8-SC06	3DL2-SC06	3DS8-SC06	3DS2-SC06
MBT	-14°	10°	R	3DL8-SC01	3DL2-SC01	3DS8-SC01	3DS2-SC01
			L	3DL8-SC02	3DL2-SC02	3DS8-SC02	3DS2-SC02

Lower / Mandibular

Roth	-25°	5°	R	3DL8-SC07	3DL2-SC07	3DS8-SC07	3DS2-SC07
			L	3DL8-SC08	3DL2-SC08	3DS8-SC08	3DS2-SC08
MBT	-20°	0	R	3DL8-SC03	3DL2-SC03	3DS8-SC03	3DS2-SC03
			L	3DL8-SC04	3DL2-SC04	3DS8-SC04	3DS2-SC04

VELOCITY™ DOUBLE CONVERTIBLE BUCCAL TUBES

Latest design. MIM technology. Integrated molded cap ensures conversion only when clinically removed.

- **Bondable and Weldable – Available in Roth and MBT Rx's, .018 and .022 with auxiliary .018 x .025 tube**

Incorporating a twin tie wing design for secure ligation following archwire slot conversion, Lancer's Velocity Double Convertible Buccal tubes are also offset from the gingival to avoid tissue impingement.

Velocity™ Double Convertible Buccal tubes feature a .018 x .025 auxiliary arch wire slot used for piggyback techniques.



1ST / 2ND MOLAR

Upper / Maxillary

	Torque Offset		Aux	L/R	.018	.022
					Each	Each
Roth	-10°	8°	.018 x .025	R	3DL8-DC05	3DL2-DC05
				L	3DL8-DC06	3DL2-DC06
MBT	-14°	10°	.018 x .025	R	3DL8-DC01	3DL2-DC01
				L	3DL8-DC02	3DL2-DC02

Lower / Mandibular

	Torque Offset		Aux	L/R	.018	.022
					Each	Each
Roth	-25°	5°	.018 x .025	R	3DL8-DC07	3DL2-DC07
				L	3DL8-DC08	3DL2-DC08

SINGLE DIRECT BOND BUCCAL TUBES

Reduce the expense and hassle of large band inventories.

Recent advancements in orthodontic adhesive technologies have greatly expanded the use of direct bond buccal tubes on the molars.

Direct bond molar tubes offer a wide array of benefits including reduced band inventory requirements, increased patient comfort and hygiene, and quick-and-easy bonding and de-bonding. Lancer's direct bond buccal tubes will save you valuable chair time while allowing you to avoid the hassles and inconveniences associated with banding.

SINGLE CONVERTIBLE

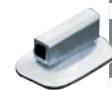


Upper / Maxillary

	Torque Offset		L/R	.018	.022
				Each	Each
Standard	0°	0°	R	336-802DL	336-902DL
			L	336-801DL	336-901DL
Roth	-10°	8°	R	336-821DL	336-921DL
			L	336-822DL	336-922DL
MBT	-14°	8°	R	336-843DL	336-943DL
			L	336-844DL	336-944DL

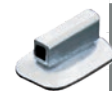
SINGLE NON-CONVERTIBLE

Upper / Maxillary



	Torque Offset		Hook	L/R	.018	.022
					Each	Each
Roth	-10°	8°	x	R	351-633	351-733
				L	351-634	351-734
MBT	-14°	8°	x	R	351-841	351-941
				L	351-842	351-942
Roth (No Hook)	-10°	8°		R	351-031	351-131
			L	351-032	351-132	

Upper / Lower



	Torque Offset		Hook	L/R	Each	Each
					Each	Each
Standard	0°	0°	x	UR/LL	351-603	351-703
				UL/LR	351-604	351-704
		8°	x	UR/LL	351-613	351-713
				UL/LR	351-614	351-714
Standard (No Hook)	0°		ANY	351-001	351-101	
			UR/LL	351-011	351-111	
			UL/LR	351-012	351-112	

SINGLE CONVERTIBLE

Lower / Mandibular



	Torque Offset		L/R	.018	.022
				Each	Each
Standard	0°	0°	R	336-801DL	336-901DL
			L	336-802DL	336-902DL
Roth	-25°	5°	R	336-813DL	336-913DL
			L	336-814DL	336-914DL
MBT	-20°	5°	R	336-863DL	336-963DL
			L	336-864DL	336-964DL

SINGLE NON-CONVERTIBLE

Lower / Mandibular



	Torque Offset		Hook	L/R	.018	.022
					Each	Each
Roth	-25°	8°	x	R	351-653	351-753
				L	351-654	351-754
MBT	-20°	8°	x	R	351-861	351-961
				L	351-862	351-962
Roth (No Hook)	-25°	8°		R	351-051	351-151
				L	351-052	351-152

Upper / Lower




	Torque Offset	Hook	L/R	Each	Each
				Each	Each
Standard	0°	x	UR/LL	351-603	351-703
			UL/LR	351-604	351-704
	8°	x	UR/LL	351-613	351-713
			UL/LR	351-614	351-714
Standard (No Hook)	0°		ANY	351-001	351-101
			UR/LL	351-011	351-111
			UL/LR	351-012	351-112

DOUBLE DIRECT BOND BUCCAL TUBES



DOUBLE CONVERTIBLE

Upper / Maxillary

	Torque	Offset	Aux	L/R	.018 Each		.022 Each	
					Standard		Roth	
Standard	0°	8°	.018	R	342-804DL		342-904DL	
				L	342-803DL		342-903DL	
Roth	-10°	8°	.018	R	342-821DL		342-921DL	
				L	342-822DL		342-922DL	



DOUBLE NON-CONVERTIBLE RICKETTS W/ HOOK

Upper / Maxillary

	Torque	Offset	L/R	.018 Each	
				w/ Aux Hook	
w/ Aux Hook	0°	0°	R	346-605DL	
			L	346-606DL	
	0°	0°	R/L	342-011DL	
			Short Base w/ Ball Hook	0°	0°


OPEN TWIN BRACKET 4.5mm

Upper / Lower

	Torque	Angle	L/R	Long Bondable		Short Bondable	
				.018 Each	.022 Each	.018 Each	.022 Each
Standard	0°	0°		200-001DL	200-101DL	200-001DS	200-101DS
	0°	0°		300-201DL	300-301DL	300-201DS	300-301DS

DOUBLE CONVERTIBLE


Lower / Mandibular



	Torque	Offset	Aux	L/R	.018 Each	.022 Each
Standard	0°	8°	.018	R	342-803DL	342-903DL
				L	342-804DL	342-904DL
Roth	-25°	8°	.018	R	342-813DL	342-913DL
				L	342-814DL	342-914DL
MBT	-20°	8°	.018	R	342-861DL	342-961DL
				L	342-862DL	342-962DL

CONVERTIBLE, GINGIVAL LIP BUMPER

Lower / Mandibular



	Torque	Offset	HGG	L/R	.018 Each	.022 Each
Roth	-25°	5°	.045	R	339-813DL	339-913DL
				L	339-814DL	339-914DL

Bands & Attachments

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Band Accessories.....	97
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Weldable Lingual Attachments	105

Lancer's complete line of contoured molar and bicuspid bands are an industry standard known for superior quality and excellent results to meet your treatment needs.





WITH A BRILLIANT FINISH, LANCER'S BANDS ARE KNOWN FOR THEIR PRECISION MANUFACTURING, ELASTICITY AND STRENGTH.

Our bands are manufactured from a stainless steel of unique properties that facilitates a "snap" fit enabling accurate fitting qualities and excellent mechanical retention. Hardened walls and occlusal perimeter resists deformation during band seating. Lancer's bands are designed to seat out of occlusion and are fully proportioned in all dimensions, (diameter, height and thickness), to provide maximum strength.

Accurately-shaped tooth anatomy and precision sizing creates a secure fit in all dimensions with superior retention.

Contoured to eliminate gingival overhang, our molar bands are designed with an increased buccal height to allow for greater flexibility in the placement of buccal tubes and lingual attachments.

Our bicuspid bands have three distinctive shapes for optimal fit and retention, flat interproximals to ensure minimal tooth separation, and a wide selection of 24 sizes with consistent size graduation.

To ensure maximum bond strength, the interior walls are micro-etched to provide a roughened surface. Identification markers are etched onto the outer walls for easy identification and placement.

Available as loose bands or as pre-welded assemblies. Lancer offers custom welding services to meet your exact requirements. Pre-welded assemblies are welded in the standard position, unless otherwise indicated.

Manufactured under strict quality control guidelines, you can be assured that Lancer's anatomical bands will meet the excellent standards of your orthodontic practice.

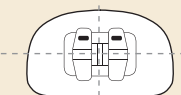
PRE-WELD SERVICES

Available Loose or Pre-Welded

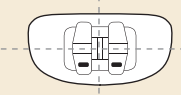
Lancer offers standard and custom pre-welding services to meet all your practice needs. All pre-weld orders are welded in the standard position unless requested otherwise.

LABIAL

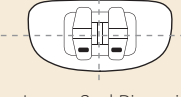
Bracket to Bicuspid



Upper Bicuspid: Centered

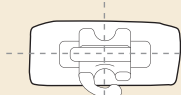


Lower 1st Bicuspid: Centered



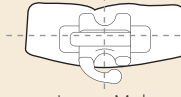
Lower 2nd Bicuspid: Offset to Occlusal

Buccal Tube to Upper Molar



Upper Molar: Entrance to buccal tube will bisect the mesial/buccal cusp

Buccal Tube to Lower Molar



Lower Molar: Entrance to buccal tube will bisect the mesial/buccal cusp

LINGUAL ATTACHMENTS

	Bicuspids	Lower Molar	Upper Molar
Gingival			
Occlusal			
Mesial			
Distal			
Button: Centered		Button: Bisect the mesiolingual cusp	Button: Centered
Gingival			
Occlusal			
Mesial			
Distal			
Cleat: Centered		Cleat: Centered	Cleat: Centered

STEP 1:

Choose Your Mesial/Distal/Positioning

Mesial	Upper	Lower
Two millimeters of forward (mesial) placement of the buccal tube on the band will add approximately 10 degrees of distal offset.		

Standard	Upper	Lower
The standard welding position is designed to deliver the distal offset manufactured into the buccal tube.		

Distal	Upper	Lower
Two millimeters of backward (distal) placement of the buccal tube on the band will subtract approximately 10 degrees of distal offset.		

STANDARD WELD

The drawings below provide an overview of the various standard positions and illustrate the attachment welded at 0° angulation to the band (the bracket slot will be parallel to the occlusal edge of the band).

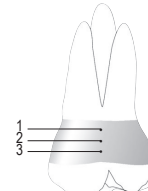
CUSTOM WELD

Custom assemblies are any of Lancer's tubes and bands that are not pre-welded in the standard position. Using the chart below, choose the appropriate pre-weld position.

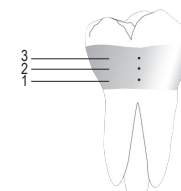
STEP 2: Choose Your Height Placement

Archwire Location

1	2	3
50% Gingival from Standard	Standard	50% Occlusal from Standard



Upper



Lower

SUPRA™ MOLAR BANDS

The ultimate in anatomical fit in Regular or Hard temper, Supra™ molar bands are designed to seat out of occlusion and are fully proportioned in all dimensions (diameter, height and thickness), to provide maximum strength. Half sizes offer precision fit and minimal custom contouring. Sizes from 29.5 to 44.

SUPRA™ FIRM MOLAR BANDS

All of the same great features of the Supra™ bands with a harder temper, creating a stiffer band. Ideal for rigid demands and laboratory appliances.

ORIGINAL MOLAR BANDS

As with all Lancer bands, the Original bands have a “snap” fit quality that fits the tooth accurately. The interior surface is micro-etched for increased bond strength. Precise anatomical shape ensures a secure fit. Sizes from 1 to 36.

BICUSPID BANDS

Our bicuspid bands have three distinctive shapes for optimal fit and retention, flat interproximals to ensure minimal tooth separation, and a wide selection of 24 sizes with consistent size graduation.

UPPER ARCH BANDS

Description	Location	R/L	Sizes	Each
Supra	1st & 2nd Molar	R	29.5 → 44	154 - (501 → 530)
		L	29.5 → 44	154 - (601 → 630)
Supra Firm	1st & 2nd Molar	R	29.5 → 44	150 - (501 → 530)
		L	29.5 → 44	150 - (601 → 630)
Original	1st & 2nd Molar	R	1 → 36	150 - (001 → 036)
		L	1 → 36	150 - (101 → 136)
Bicuspid Bands	1st Bicuspid		1 → 24	104 - (001 → 024)

LOWER ARCH BANDS

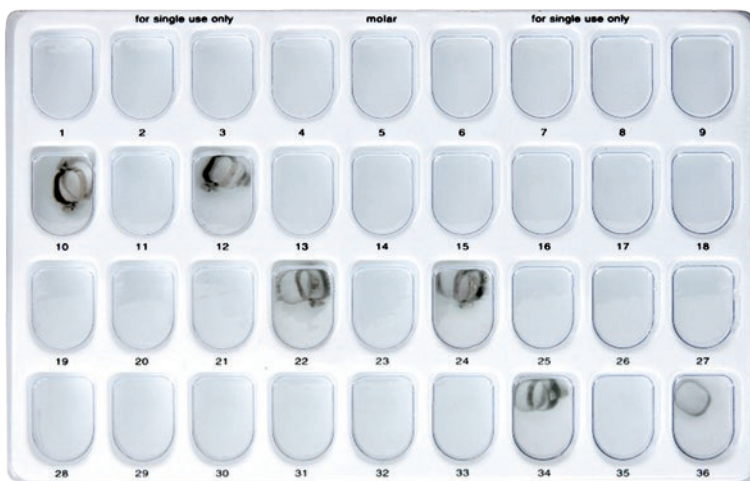
Description	Location	R/L	Sizes	Each
Supra	1st Molar	R	29.5 → 44	154 - (701 → 730)
		L	29.5 → 44	154 - (801 → 830)
	2nd Molar	R	29.5 → 42	157 - (701 → 726)
		L	29.5 → 42	157 - (801 → 826)
Supra Firm	1st Molar	R	29.5 → 44	150 - (701 → 730)
		L	29.5 → 44	150 - (801 → 830)
	2nd Molar	R	29.5 → 42	157 - (701 → 726)
		L	29.5 → 42	157 - (801 → 826)
Original	1st Molar	R	1 → 36	150 - (201 → 236)
		L	1 → 36	150 - (301 → 336)
	2nd Molar	R	1 → 32	153 - (001 → 032)
		L	1 → 32	153 - (101 → 132)
Bicuspid Bands	1st Bicuspid		1 → 24	104 - (101 → 124)
	2nd Bicuspid		3 → 26	104 - (203 → 226)

BAND KITS

Supra				Supra Firm				Original			
1st Molar		2nd Molar		1st Molar		2nd Molar		1st Molar		2nd Molar	
Upper				Upper				Upper			
R	L			R	L			R	L		
154-500	154-600			150-500	150-600			150-000	150-100		
Lower				Lower				Lower			
R	L	R	L	R	L			R	L	R	L
154-700	154-800	157-700	157-800	150-700	150-800			150-200	150-300	153-000	153--100

Bicuspid		
1st & 2nd Upper	1st Lower	2nd Lower
104-000	104-100	104-200

BAND ACCESSORIES



Shown: Original Bicuspid Tray

ORIGINAL BICUSPID/MOLAR TRAY

Plastic band container with lid. Labeled 1 - 36

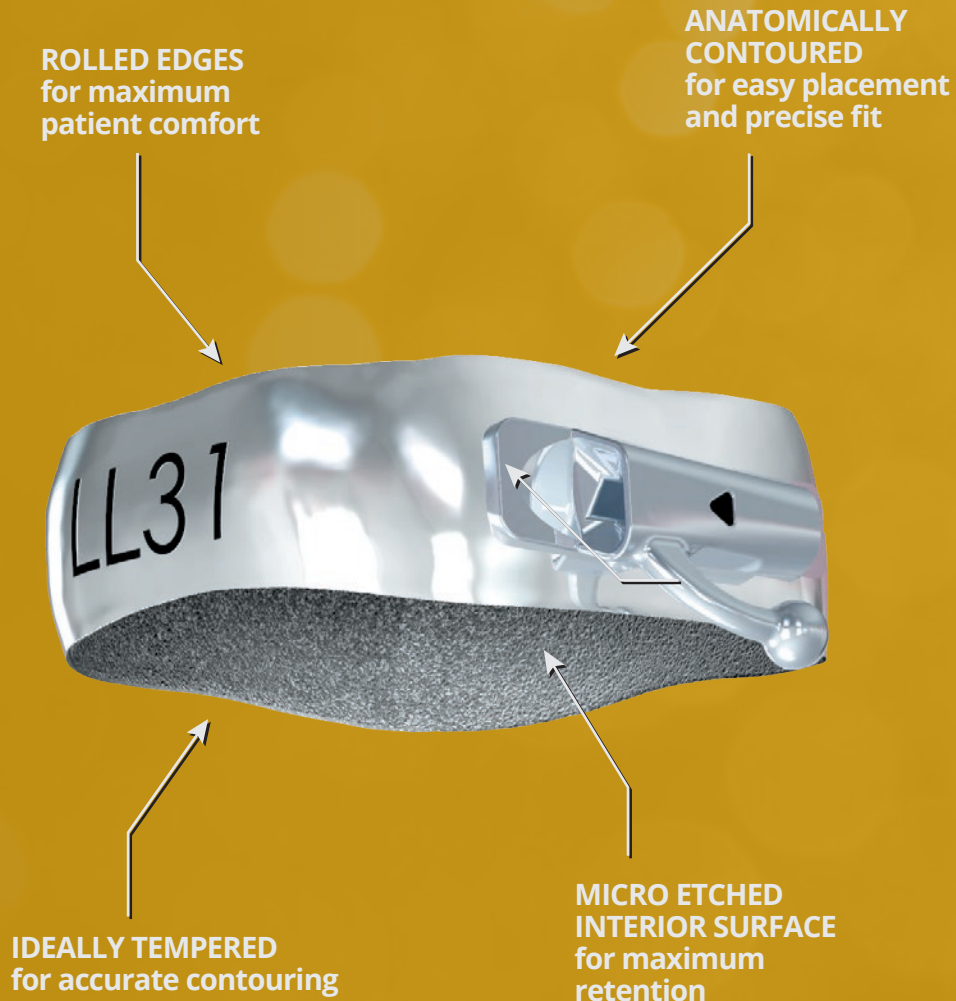
40002-04

SUPRA™ MOLAR TRAY

Plastic band container with lid. Labeled 29.5 - 44

40002-01

WELDABLE TUBES



VELOCITY™ TRIPLE CONVERTIBLE BUCCAL TUBES

Latest design. MIM technology. Integrated molded cap ensures conversion only when clinically removed.

Velocity triple tubes feature a single tube along with an auxiliary 18x25 arch wire slot and a .045 or .051 headgear tube. Our occlusal tubes are ideal for cervical headgear or appliances that need center of resistance on the occlusal plane.

3.5mm M/D – Weldable – Available in Roth and MBT Rx's, .018 and .022



These superior-performing buccal tubes feature a low-profile design for reduced occlusal interference, comfortable hooks for maximum patient comfort, and a practical base design that anatomically conforms to the tooth. Their convenient “peel-off” convertible caps are integrated to avoid unintentional conversion during treatment.

1ST MOLAR Upper / Maxillary

Weldable

	Torque Offset		HGO	L/R	Weldable	
					.018 Each	.022 Each
Roth	-10°	8°	0.045°	R	3W8-TC05	3W2-TC05
				L	3W8-TC06	3W2-TC06
	-10°	8°	0.051°	R	3W8-TC15	3W2-TC15
				L	3W8-TC16	3W2-TC16
MBT	-14°	10°	0.045°	R	3W8-TC01	3W2-TC01
				L	3W8-TC02	3W2-TC02
	-14°	10°	0.051°	R	3W8-TC11	3W2-TC11
				L	3W8-TC12	3W2-TC12

WELDABLE BRACKETS BICUSPIDS

Low profile design with smooth well rounded edges for maximum patient comfort and ultimate clinical control.

Sinterline Plus™ – Roth



	U/L	Teeth	Torque	Angle	Vert Slot	.018 Each	.022 Each
Upper Bicuspid	UP	54 45	-7°	0°		233-033B	233-133B
					x	249-033B	249-133B



1st Lower Bicuspid	LOW	4 4	-17°	0°		233-063B	233-163B
					x	249-063B	249-163B



2nd Lower Bicuspid	LOW	5 5	-22°	0°		233-073B	233-173B
					x	249-073B	249-173B

Sinterline Plus™ – Ricketts



	U/L	Teeth	Torque	Angle	Vert Slot	.018 Each	.022 Each
Upper / Lower Bicuspid	UP / LOW	54 45	0°	0°		248-033B	

OHNO TUBES

DOUBLE CONVERTIBLE w/ OCCLUSAL HG TUBE

DOUBLE CONVERTIBLE w/ GINGIVAL HG TUBE

Upper / Maxillary



	Torque	Offset	HGO	L/R	.018 Each	.022 Each
Std	0°	0°	.045	R	326-855	326-955
				L	326-856	326-956
Roth	-10°	8°	.045	R	326-851	326-951
				L	326-852	326-952
MBT	-14°	8°	.045	R	326-853	326-953
				L	326-854	326-954

Upper / Maxillary




	Torque	Offset	HGG	L/R	.018 Each	.022 Each
Roth	-10°	8°	.045	R	326-857	326-957
				L	326-858	326-958
MBT	-14°	8°	.045	R	326-859	326-959
				L	326-860	326-960

WELDABLE BUCCAL TUBES UPPER ARCH

TRIPLE CONVERTIBLE, OCCLUSAL

Upper / Maxillary



	Torque	Offset	HGO	L/R	.018 Each	.022 Each
Std	0°	8°	.045	R	340-801	340-901
				L	340-802	340-902
Roth	-10°	8°	.045	R	340-821	340-921
				L	340-822	340-922
MBT	-14°	8°	.045	R	340-841	340-941
				L	340-842	340-942

TRIPLE TUBE, GINGIVAL


Upper / Maxillary



	Torque	Offset	HGG	L/R	.018 Each	.022 Each
Std/ Ricketts	0°	0°	.045		340-013	
Std/ Ricketts	0°	0°	.045	R	340-011	340-111
				L	340-012	340-112

VELOCITY™ DOUBLE CONVERTIBLE


Upper / Maxillary



	Torque	Offset	Aux	L/R	.018 Each	.022 Each
Roth	-10°	8°	.018 x .025	R	3W8-DC05	3W2-DC05
				L	3W8-DC06	3W2-DC06
MBT	-14°	10°	.018 x .025	R	3W8-DC01	3W2-DC01
				L	3W8-DC02	3W2-DC02

DOUBLE CONVERTIBLE w/ .018 X .025 AUXILIARY TUBE

Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Roth	-10°	8°	R	342-821	342-921
			L	342-822	342-922

WELDABLE BUCCAL TUBES UPPER ARCH

DOUBLE w/ .045 OCCLUSAL

Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	322-001	322-101
			L	322-002	322-102
Roth	-10°	8°	R	322-024	322-124
			L	322-023	322-123

VELOCITY™ SINGLE CONVERTIBLE

Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Roth	-10°	8°	R	3W8-SC05	3W2-SC05
			L	3W8-SC06	3W2-SC06
MBT	-14°	10°	R	3W8-SC01	3W2-SC01
			L	3W8-SC02	3W2-SC02

DOUBLE CONVERTIBLE w/ .045 OCCLUSAL

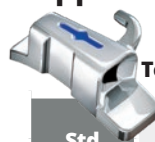
Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	8°	R	326-801	326-901
			L	326-802	326-902

VELOCITY™ SINGLE

Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	3W8-SN09	3W2-SN09
			L	3W8-SN10	3W2-SN010
Roth	-10°	8°	R	3W8-SN05	3W2-SN05
			L	3W8-SN06	3W2-SN06
MBT	-14°	8°	R	3W8-SN01	3W2-SN01
			L	3W8-SN02	3W2-SN02

SINGLE CONVERTIBLE

Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	336-801	336-901
			L	336-802	336-902
	0°	8°	R	336-804	336-904
			L	336-803	336-903
Roth	-10°	8°	R	336-821	336-921
			L	336-822	336-922
MBT	-14°	8°	R	336-841	336-941
			L	336-842	336-942

SINGLE

Upper / Maxillary



	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	324-001	324-101
			L	324-002	324-102
	0°	8°	R	324-201	324-301
			L	324-202	324-302
Roth	-10°	8°	R	324-211	324-311
			L	324-212	324-312
MBT	-14°	8°	R	324-841	324-941
			L	324-842	324-942

WELDABLE BUCCAL TUBES LOWER ARCH

VELOCITY™ SINGLE CONVERTIBLE

Lower / Mandibular

	Torque	Offset	L/R	.018 Each	.022 Each
Roth	-25°	5°	R	3W8-SC07	3W2-SC07
			L	3W8-SC08	3W2-SC08
MBT	-20°	0°	R	3W8-SC03	3W2-SC03
			L	3W8-SC04	3W2-SC04



DOUBLE w/ .045 OCCLUSAL

Lower / Mandibular

	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	322-002	322-102
			L	322-001	322-101



VELOCITY™ SINGLE

Lower / Mandibular

	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	3W8-SN10	3W2-SN10
			L	3W8-SN09	3W2-SN09
Roth	-25°	5°	R	3W8-SN07	3W2-SN07
			L	3W8-SN08	3W2-SN08
MBT	-20°	0°	R	3W8-SN03	3W2-SN03
			L	3W8-SN04	3W2-SN04



DOUBLE CONVERTIBLE w/ .045 OCCLUSAL

Lower / Mandibular

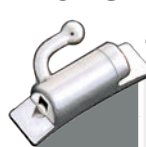
	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	8°	R	326-802	326-902
			L	326-801	326-901



SINGLE

Lower / Mandibular

	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	324-002	324-102
			L	324-001	324-101
	0°	8°	R	324-202	324-302
			L	324-201	324-301
Roth	-25°	8°	R	324-231	324-331
			L	324-232	324-332
MBT	-20°	8°	R	324-861	324-961
			L	324-862	324-962



SINGLE CONVERTIBLE

Lower / Mandibular

	Torque	Offset	L/R	.018 Each	.022 Each
Std	0°	0°	R	336-801	336-901
			L	336-802	336-902
	0°	8°	R	336-803	336-903
			L	336-804	336-904
Roth	-25°	5°	R	336-813	336-913
			L	336-814	336-914
MBT	-20°	5°	R	336-861	336-961
			L	336-862	336-962



WELDABLE BUCCAL TUBES LOWER ARCH

DOUBLE LIP BUMPER, GINGIVAL

Lower / Mandibular



Roth	Torque	Offset	L/R	.018	.022
				Each	Each
-25°	5°	R	339-813	339-913	
		L	339-814	339-914	

VELOCITY™ DOUBLE CONVERTIBLE

Lower / Mandibular



Roth	Torque	Offset	L/R	.018	.022
				Each	Each
-25°	5°	R	3W8-DC07	3W2-DC07	
		L	3W8-DC08	3W2-DC08	

DOUBLE CONVERTIBLE w/ .018 X .025 AUXILIARY TUBE

Lower / Mandibular



Std	Torque	Offset	L/R	.018	.022
				Each	Each
0°	0°	R	342-801	342-901	
		L	342-802	342-902	
0°	8°	R	342-803	342-903	
		L	342-804	342-904	
Roth	-25°	8°	R	342-813	342-913
			L	342-814	342-914
MBT	-20°	8°	R	342-861	342-961
			L	342-862	342-962



Direct Eyelets

	Bag of 10
Eyelets to Curl	400-015
	Each
Eyelet to Chain	400-016

WELDABLE LINGUAL ATTACHMENTS BUTTONS, CLEATS, LINGUAL SHEATHS AND PALATAL BARS

Lingual attachments are used to compensate or correct the malocclusion during different phases of treatment.

Seating Lug

		Each
L	Bicuspid	400-010
L	Molar	400-011

Weldable Cleats*

		Each
#0	Small	400-002
#1	Long	400-003

Weldable / Bondable Buttons*

		Weldable Each	Bondable Bag of 10
#2	Flat	400-005	400-201
#3	Curved	400-006	400-202

The Buttons have a low profile and are extremely comfortable for the patient. They are welded to flat or curved bases depending on the desired positioning required.

Weldable Lingual Sheaths* (.036 Wire)

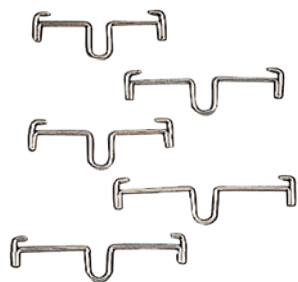


		Each
#4	Universal	425-001
#5	Universal w/stop (assist in locking arch in position)	425-011
#6	Latching indent with mesial/distal bar (right)	425-013
#7	Latching indent with mesial/distal bar (left)	425-014
#8	With Ball Hook (right)	425-002
#9	With Ball Hook (left)	425-003

The Lingual Sheaths with different options (stops or hooks) have horizontal insertion to accept palatal bars, quad-helix and other maxillary and mandibular appliances.

* To order the bands with the needed pre-welded lingual accessory add to the band item code the following numbers: small cleats # 0, long cleats # 1, weldable buttons # 2 and # 3, lingual sheaths # 4 to # 9 and seating lugs L

Palatal Bars w/ Distal Loop and Hook



34mm Bag of 10	37mm Bag of 10	41mm Bag of 10	45mm Bag of 10	47mm Bag of 10	Kit of 10 (2 per size)
555-101	555-102	555-103	555-104	555-105	555-110

Palatal Bars w/ Mesial Loop and Hook

37mm Bag of 10	40mm Bag of 10	43mm Bag of 10	46mm Bag of 10	49mm Bag of 10	52mm Bag of 10	Kit of 12 (2 per size)
555-122	555-123	555-124	555-125	555-126	555-127	555-130

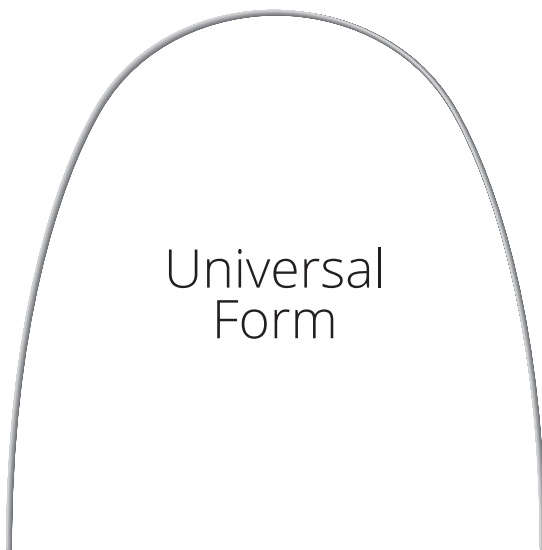
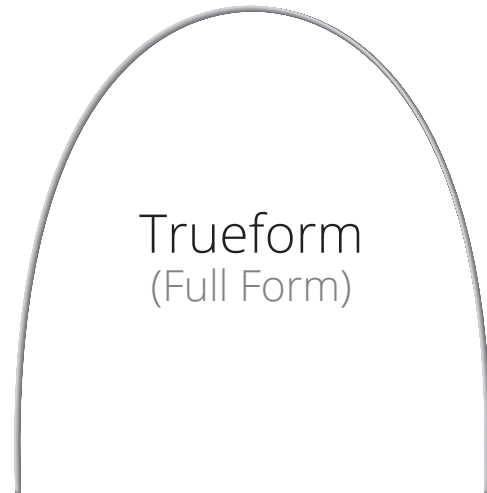
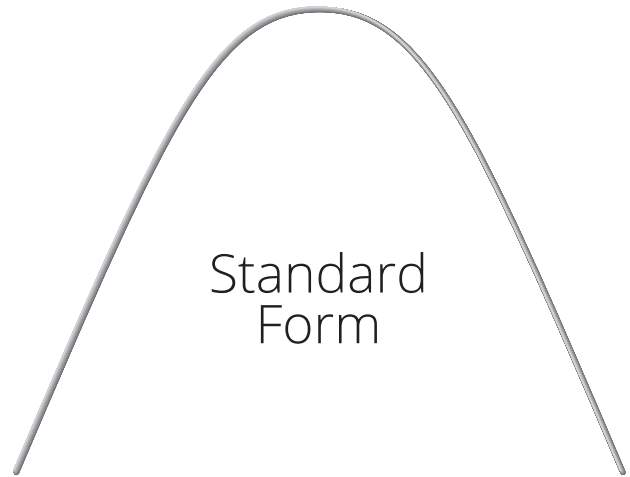
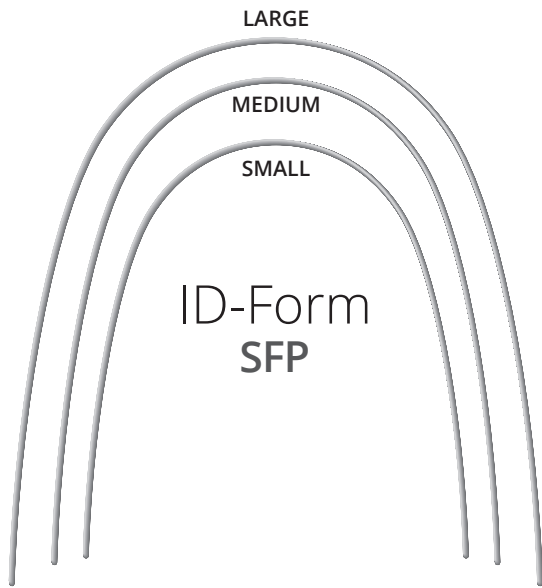
Palatal Bars are offered with distal or mesial loop in assorted kits or packages of 10 each

Wires

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WIRE ARCHFORMS



Wires...

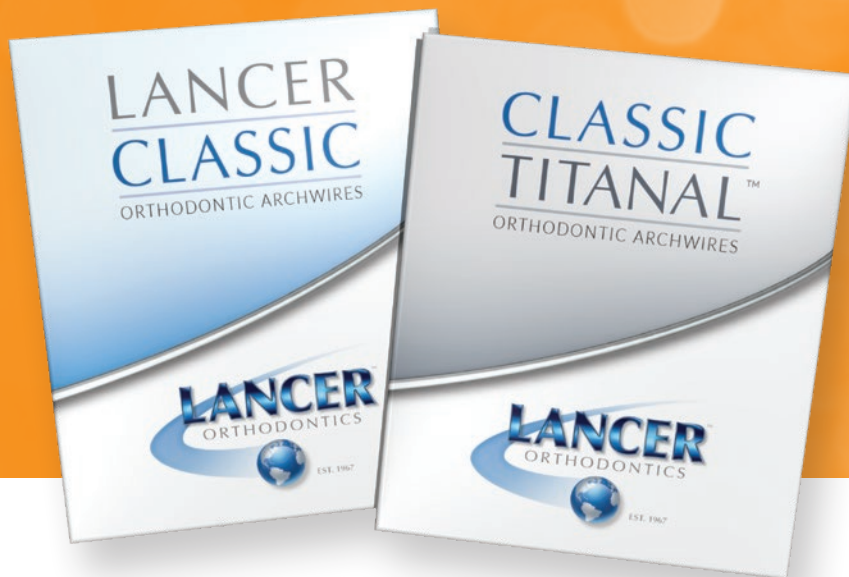
Make your most important choice count.

BACKED BY MORE THAN 50 YEARS OF REAL CLINICAL EXPERIENCE, LANCER RECOGNIZES THAT CHOOSING THE CORRECT ARCHWIRE IS ONE OF THE MOST CRUCIAL DECISIONS AN ORTHODONTIST CAN MAKE TO ENSURE MAXIMUM BRACKET SYSTEM EFFICIENCY AND PERFECT TREATMENT RESULTS.

Our clinical experience has shown that even the most technologically advanced bracket systems will not perform as intended when enlisted with poor quality archwires. Today's precisely designed and manufactured orthodontic appliances require high-quality materials to ensure maximum efficiency, so choosing the right wire is critical for successful treatment.

Lancer takes great pride in offering only the highest quality, best performing orthodontic products available. We offer a wide variety of high-quality orthodontic wire in a full range of wire types, arch forms, sizes, and force values. The design and materials incorporated into these wires inherently reduce treatment and chair time while offering the patient maximum comfort and flawless treatment results

Lancer offers a wide selection of high quality wire products to meet a variety of clinical needs.

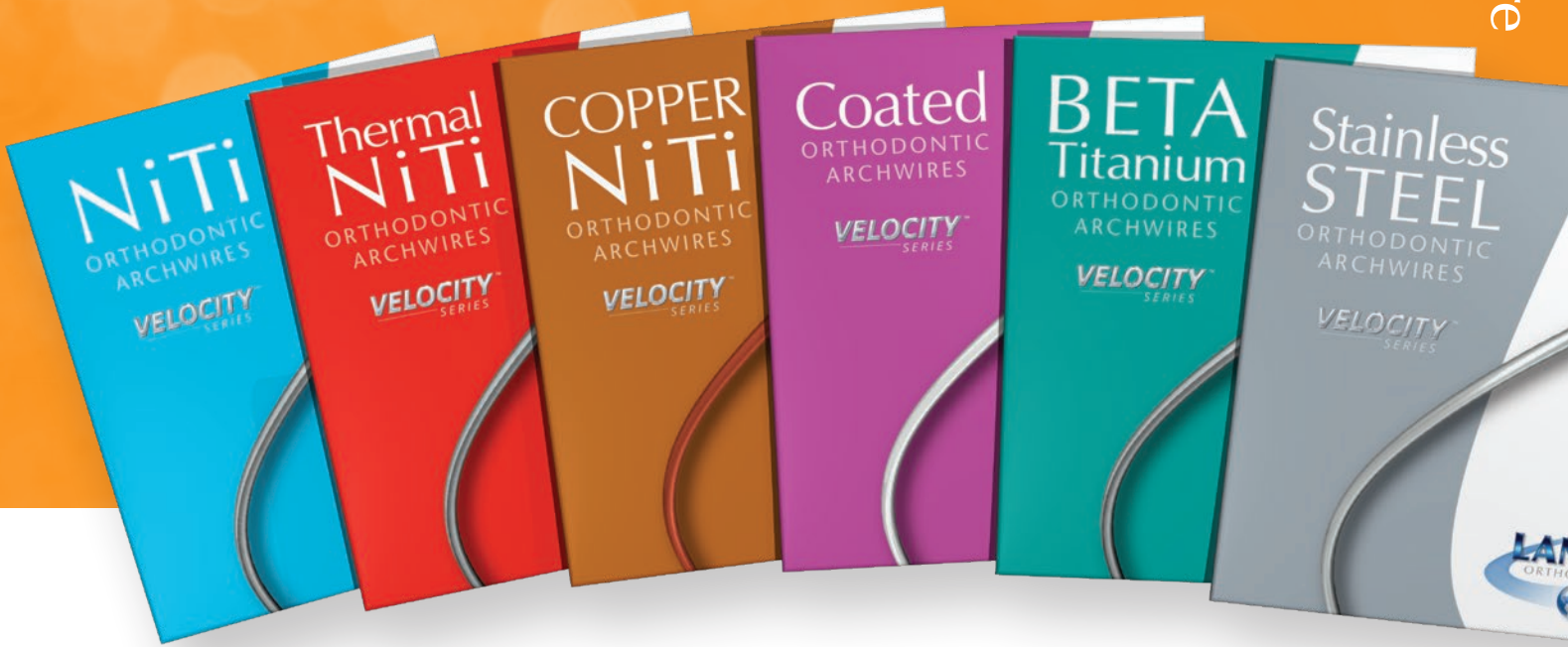


LANCER CLASSIC ARCHWIRES

Lancer has worked diligently to earn its reputation as a leader in the manufacture of high performance orthodontic wires by offering the right wire for every phase of treatment. Lancer's Classic wires feature a high luster polish for better sliding mechanics to achieve faster results and reduced chair time. Popular around the world, our signature Classic line of wires provides a wide selection of characteristics, qualities and options to meet all your treatment needs.

CLASSIC TITANAL™ ARCHWIRES

Ideal for both difficult and routine cases, Titanal archwires are manufactured from cold-worked nickel titanium and are precisely engineered to ensure excellent performance and predictability. Titanal wires can be deflected beyond their elastic limits. Therefore, they will take a set so desired bends or arch form modifications can be accomplished through over bending.



VELOCITY™ WIRE SERIES

Velocity™ is a comprehensive wire series manufactured from the most reliable and tested materials. Each wire is polished to an unsurpassed smoothness to reduce friction and provide the movement necessary for effective treatments.

TITANAL™ SUPERELASTIC ARCHWIRES

Manufactured from the highest quality medical grade carbon free nickel titanium, and designed to provide superior memory that optimizes the movement of teeth, Titanal™ Nickel Titanium archwires are the optimal choice for any treatment regimen. Try Lancer's Titanal™ Nickel Titanium Archwires and experience the many benefits:

- Titanal™ works equally as well in both difficult and routine cases. Ideal for use as a leveling wire, they can easily and effectively engage even the most severely malposed teeth, enabling early torquing and finishing.
- Provided in a constant austenitic phase, the superb rebound and memory characteristics of Titanal™ NiTi archwires ensure desired results without the need for adjustment or modification.
- Titanal™ archwires are manufactured from cold-worked nickel titanium, allowing for a high degree of deflection without causing deformation of the original archform characteristics.
- The archwire forms and corner radii designed into Titanal™ NiTi archwires are precisely fabricated to ensure excellent performance and predictability, especially when applying torque.
- Lancer's processing creates a highly polished surface to reduce surface friction and improve sliding mechanics.



TITANAL™ SUPER ELASTIC

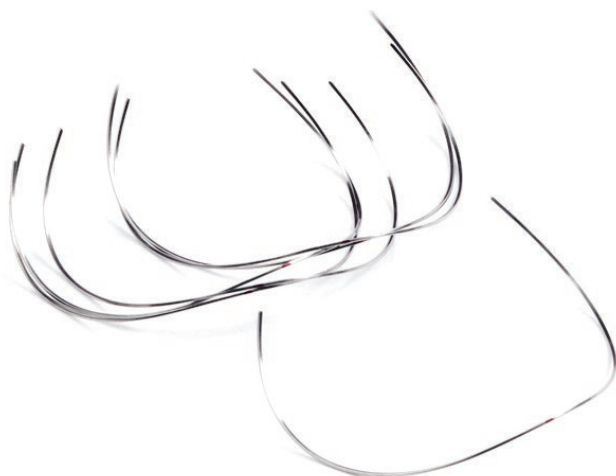
● Round	Trueform				Euroform			
	Upper 10-Pack	Lower 10-Pack	PATIENT PACK		Upper 10-Pack	Lower 10-Pack	PATIENT PACK	
	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
0.012	517-212	517-312	517-412	517-512	510-212	510-312	510-412	510-512
0.014	517-214	517-314	517-414	517-514	510-214	510-314	510-414	510-514
0.016	517-216	517-316	517-416	517-516	510-216	510-316	510-416	510-516
0.018	517-218	517-318	517-418	517-518	510-218	510-318	510-418	510-518
0.020	517-220	517-320	517-420	517-520	510-220	510-320	510-420	510-520
■ Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
.016 x .016	517-261	517-361	517-461	517-561	510-261	510-361	510-461	510-561
.016 x .022	517-262	517-362	517-462	517-562	510-262	510-362	510-462	510-562
.017 x .025	517-264	517-364	517-464	517-564	510-264	510-364	510-464	510-564
.018 x .018	517-269	517-369	517-463	517-569	510-269	510-369	510-469	510-569
.018 x .025	517-266	517-366	517-466	517-566	510-266	510-366	510-466	510-566
.019 x .025	517-267	517-367	517-467	517-567	510-267	510-367	510-467	510-567
.021 x .025	517-268	517-368	517-458	517-568	510-268	510-368	510-468	510-568

TITANAL™ DIMPLED

Trueform

Round	Upper 10-Pack	Lower 10-Pack
0.014	537-214	537-314
0.016	537-216	537-316
0.018	537-218	537-318

Rectangle	Upper 10-Pack	Lower 10-Pack
.016 x .016	537-261	537-361
.016 x .022	537-262	537-362
.017 x .025	537-264	537-364
.019 x .025	537-267	537-367



TITANAL™ COUNTERFORCE

Original Form

Euroform

Round	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
0.016	517-816	517-916	518-816	518-916
0.018	517-818	517-918	518-818	518-918
0.020	517-820	517-920	518-820	518-920

Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
.016 x .022	517-862	517-962	518-862	518-962
.017 x .025	517-864	517-964	518-864	518-964
.019 x .025	517-867	517-967	518-867	518-967
.021 x .025	517-868	517-968	518-868	518-968

TITANAL™ XR COUNTERFORCE

Original Form

Round	Upper 10-Pack	Lower 10-Pack
0.016	524-816	524-916
0.018	524-818	524-918

Rectangle	Upper 10-Pack	Lower 10-Pack
.016 x .022	524-862	524-962
.017 x .025	524-864	524-964
.019 x .025	524-867	524-967
.021 x .025	524-868	524-968

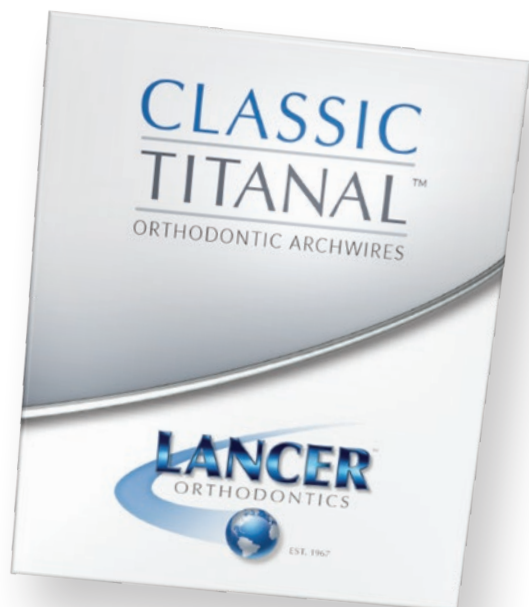


Titanal XR features a light and constant force with an improved working range, resulting in greater arch stability and a more continuous force level over an increased period of time.

Titanal XR accepts 1st and 2nd order bends and can be re-contoured without creeping back. Titanal XR can be used to create a utility arch.

TITANAL™ XR

	Full Form				Modern Form			
	Upper 10-Pack	Lower 10-Pack	PATIENT PACK		Upper 10-Pack	Lower 10-Pack	PATIENT PACK	
Round								
0.012	528-212	528-312	528-412	528-512	525-212	525-312	525-412	525-512
0.014	528-214	528-314	528-414	528-514	525-214	525-314	525-414	525-514
0.016	528-216	528-316	528-416	528-516	525-216	525-316	525-416	525-516
0.018	528-218	528-318	528-418	528-518	525-218	525-318	525-418	525-518
Rectangle								
.016 x .016	528-261	528-361	528-461	528-561	525-261	525-361	525-461	525-561
.016 x .022	528-262	528-362	528-462	528-562	525-262	525-362	525-462	525-562
.017 x .022	528-264	528-364	528-464	528-564	525-264	525-364	525-464	525-564
.0175 x .0175	528-270	528-370	528-470	528-570	525-270	525-370	525-470	525-570
.019 x .025	528-267	528-367	528-467	528-567	525-267	525-367	525-467	525-567
.0205 x .0205	528-271	528-371	528-471	528-571	525-271	525-371	525-471	525-571
.021 x .025					525-268	525-368	525-468	525-568



TITANAL™ XR LOOPED

Rectangle	.017 x .025	.019 x .025
	5-Pack	5-Pack
26mm	529-111	529-131
28mm	529-112	529-132
30mm	529-113	529-133
32mm	529-114	529-134
34mm	529-115	529-135
36mm	529-116	529-136
38mm	529-117	529-137
40mm	529-118	529-138
42mm	529-119	529-139
	.017 x .025 Patient Kit	.019 x .025 Patient Kit
	Box of 20	Box of 20
	529-510	529-530

TITANAL LT™ LIGHT THERMAL

Trueform				
● Round	Upper		PATIENT PACK	
	10-Pack	10-Pack	10-Pack	10-Pack
0.012	536-212			
0.014	536-214	536-314	536-414	536-514
0.016	536-216	536-316	536-416	536-516
0.018	536-218	536-318	536-418	536-518

■ Rectangle	Upper		Lower	
	10-Pack	10-Pack	10-Pack	10-Pack
.016 x .016	536-261	536-361	536-461	536-561
.016 x .022	536-262	536-362	536-462	536-562
.017 x .025	536-264	536-364	536-464	536-564
.019 x .025	536-267	536-367	536-467	536-567

TITANAL™ BETA-TITANIUM MOLYBDENUM ALLOY

Trueform				
● Round	Upper		PATIENT PACK	
	10-Pack	10-Pack	10-Pack	10-Pack
0.016	539-216	539-316	539-616	539-716
0.018	539-218	539-318	539-618	539-718

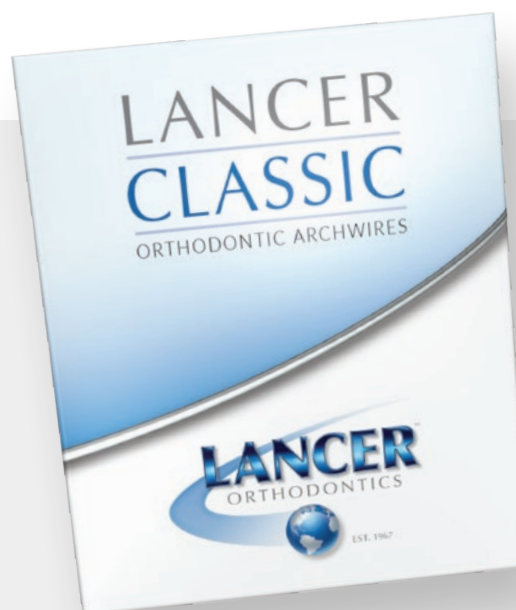
■ Rectangle	Upper		Lower	
	10-Pack	10-Pack	10-Pack	10-Pack
.016 x .022	539-262	539-362	539-662	539-762
.017 x .025	539-264	539-364	539-664	539-764
.018 x .025	539-266	539-366	539-666	539-766
.019 x .025	539-267	539-367	539-667	539-767
.021 x .025	539-268	539-368		

Lancer Classic Archwires

LANCER CLASSIC COATED NiTi

Trueform		
● Round	Upper	
	10-Pack	10-Pack
0.012	526-012	526-112
0.014	526-014	526-114
0.016	526-016	526-116
0.018	526-018	526-118
0.020	526-020	526-120

■ Rectangle	Upper		Lower	
	10-Pack	10-Pack	10-Pack	10-Pack
.016 x .016	526-061	526-161		
.016 x .022	526-062	526-162		
.017 x .025	526-064	526-164		
.018 x .018	526-069	526-169		
.018 x .025	526-066	526-166		
.019 x .025	526-067	526-167		
.021 x .025	526-068	526-168		



LANCER MULTI-FORCE

Trueform				
■ Rectangle	Upper		PATIENT PACK	
	10-Pack	10-Pack	10-Pack	10-Pack
.016 x .016	538-261	538-361	538-461	538-561
.016 x .022	538-262	538-362	538-462	538-562
.017 x .025	538-264	538-364	538-464	538-564
.018 x .018	538-269	538-369	538-469	538-569
.018 x .025	538-266	538-366	538-466	538-566
.019 x .025	538-267	538-367	538-467	538-567
.020 x .020	538-265	538-365	538-465	538-565
.021 x .025	538-268	538-368	538-468	538-568

Lancer's Stainless Steel Wires are produced from high quality materials and precision cut to offer minimum friction in the bracket slot. These wires maintain their properties over time and are available in various diameters depending upon each prescription. This wire is drawn to exact tolerances for optimal resilience for each orthodontic application.

The wire has excellent working characteristics, accepts severe bends with minimal fracturing and is easily soldered. Specifically designed to be used with the straight wire technique. These tempered wires are available in Euroform / Modern Form, Trueform / Full Form, Standard Form and Straight Lengths.

HIGH TENSILE STAINLESS STEEL

● Round	Trueform				Euroform			
	Upper 50-Pack	Lower 50-Pack	PATIENT PACK		Upper 50-Pack	Lower 50-Pack	PATIENT PACK	
			Upper 10-Pack	Lower 10-Pack			Upper 10-Pack	Lower 10-Pack
0.012	522-212	522-312	522-412	522-512	522-812	522-912	522-422	522-522
0.014	522-214	522-314	522-414	522-514	522-814	522-914	522-424	522-524
0.016	522-216	522-316	522-416	522-516	522-816	522-916	522-426	522-526
0.018	522-218	522-318	522-418	522-518	522-818	522-918	522-428	522-528
0.020	522-220	522-320	522-420	522-520	522-820	522-920	522-430	522-530

■ Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
	.016 x .016	522-261	522-361	522-461	522-561	522-861	522-961	522-471
.016 x .022	522-262	522-362	522-462	522-562	522-862	522-962	522-472	522-572
.017 x .022	522-263	522-363	522-463	522-563				
.017 x .025	522-264	522-364	522-464	522-564	522-864	522-964	522-474	522-574
.018 x .025	522-266	522-366	522-466	522-566	522-866	522-966	522-476	522-576
.019 x .025	522-267	522-367	522-467	522-567	522-867	522-967	522-477	522-577
.021 x .025	522-268	522-368	522-468	522-568	522-868	522-968	522-478	522-578

LANCER X-RESILIENT STAINLESS STEEL

● Round	Standard Form	
	Upper 50-Pack	Lower 50-Pack
0.012	503-212	503-312
0.014	503-214	503-314
0.016	503-216	503-316
0.018	503-218	503-318
0.020	503-220	503-320

■ Rectangle	Upper 10-Pack	Lower 10-Pack
	.016 x .016	503-261
.016 x .022	503-262	503-362
.017 x .025	503-264	503-364
.018 x .025	503-266	503-366
.019 x .025	503-267	503-367
.021 x .025	503-268	503-368

LANCER CLASSIC REVERSE CURVE

	Straight Leg	
	Upper 10-Pack	Lower 10-Pack
0.016	518-416	518-516
0.018	518-418	518-518
0.020	518-420	518-520

■ Rectangle	Upper 10-Pack	Lower 10-Pack
	.016 x .016	518-461
.016 x .022	518-462	518-562
.017 x .025	518-464	518-564
.019 x .025	518-467	518-567



DUALFLEX™ COMBINATION ARCHWIRES

	DualFlex™ I	DualFlex™ II	DualFlex™ III
	Anterior: 0.016 Titanal™ - Round	Anterior: .016 x .022 Titanal™ - Rectangle	Anterior: .017 x .025 Titanal™ - Rectangle
	Posterior: 0.016 Stainless - Round	Posterior: 0.018 Stainless - Round	Posterior: .018 x .018 Stainless - Square
	5-Pack	5-Pack	5-Pack
26mm	511-101		511-142
28mm	511-102	511-122	511-143
30mm	511-103	511-123	511-144
32mm	511-104	511-124	511-145
34mm	511-105	511-125	511-146
36mm	511-106	511-126	511-147
38mm	511-107	511-127	511-148
40mm	511-108	511-128	511-149
42mm	511-109	511-129	511-150
44mm	511-110	511-130	511-151
46mm	511-111	511-131	511-152
48mm	511-112	511-132	

Straight Lengths

Titanal™ XR Straight Lengths

 **Rectangle**
Tube of 10
14" Lengths

.016 x .016	527-161
.016 x .022	527-162

Titanal™ Beta-Titanium Straight Lengths

 **Round**
Tube of 10
14" Lengths

0.016	539-416
0.018	539-418

 **Rectangle**
Tube of 10
14" Lengths

.016 x .022	539-462
.017 x .025	539-464
.018 x .025	539-466
.019 x .025	539-467
.021 x .025	539-468

Lancer X-Resilient Stainless Steel Straight Lengths

 **Round**
Tube of 20
14" Lengths

0.012	502-112
0.014	502-114
0.016	502-116
0.018	502-118
0.020	502-120
0.028	500-128
0.030	500-130
0.032	500-132
0.036	500-136

 **Rectangle**
Tube of 10
14" Lengths

.016 x .016	502-161
.016 x .022	502-162
.017 x .022	502-163
.017 x .025	502-164
.018 x .022	502-165
.018 x .025	502-166
.019 x .025	502-167
.021 x .025	502-168

VELOCITY™ NiTi



● Round	Trueform		Euroform	
	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
0.012	50TU-012	50TL-012	50EU-012	50EL-012
0.014	50TU-014	50TL-014	50EU-014	50EL-014
0.016	50TU-016	50TL-016	50EU-016	50EL-016
0.018	50TU-018	50TL-018	50EU-018	50EL-018
0.020	50TU-020	50TL-020	50EU-020	50EL-020

■ Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
	.016 x .016	50TU-1616	50TL-1616	50EU-1616
.016 x .022	50TU-1622	50TL-1622	50EU-1622	50EL-1622
.017 x .025	50TU-1725	50TL-1725	50EU-1725	50EL-1725
.018 x .018	50TU-1818	50TL-1818	50EU-1818	50EL-1818
.018 x .025	50TU-1825	50TL-1825	50EU-1825	50EL-1825
.019 x .025	50TU-1925	50TL-1925	50EU-1925	50EL-1925
.020 x .020	50TU-2020	50TL-2020	50EU-2020	50EL-2020
.021 x .025	50TU-2125	50TL-2125	50EU-2125	50EL-2125

Patient Packs
10-Pack

Patient Packs
10-Pack

Add a "P" before the dash in any part number above.

Add a "P" before the dash in any part number above.

VELOCITY™ THERMAL NiTi

● Round	Trueform		Euroform	
	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
0.012	54TU-012	54TL-012	54EU-012	54EL-012
0.014	54TU-014	54TL-014	54EU-014	54EL-014
0.016	54TU-016	54TL-016	54EU-016	54EL-016
0.018	54TU-018	54TL-018	54EU-018	54EL-018
0.020	54TU-020	54TL-020	54EU-020	54EL-020

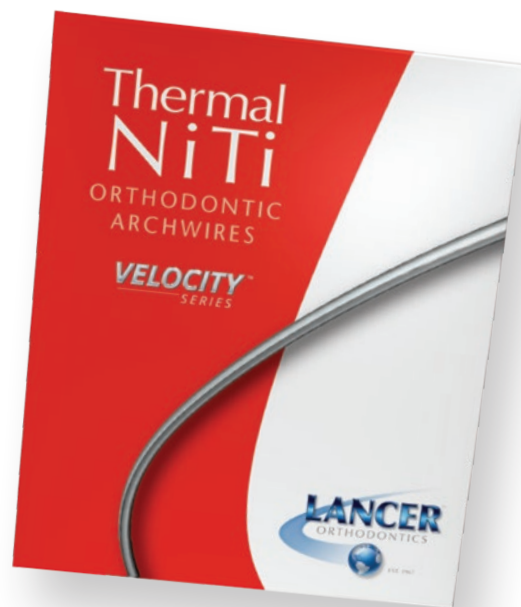
■ Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
	.016 x .016	54TU-1616	54TL-1616	54EU-1616
.016 x .022	54TU-1622	54TL-1622	54EU-1622	54EL-1622
.017 x .025	54TU-1725	54TL-1725	54EU-1725	54EL-1725
.018 x .018	54TU-1818	54TL-1818	54EU-1818	54EL-1818
.018 x .025	54TU-1825	54TL-1825	54EU-1825	54EL-1825
.019 x .025	54TU-1925	54TL-1925	54EU-1925	54EL-1925
.020 x .020	54TU-2020	54TL-2020	54EU-2020	54EL-2020
.021 x .025	54TU-2125	54TL-2125	54EU-2125	54EL-2125

Patient Packs
10-Pack

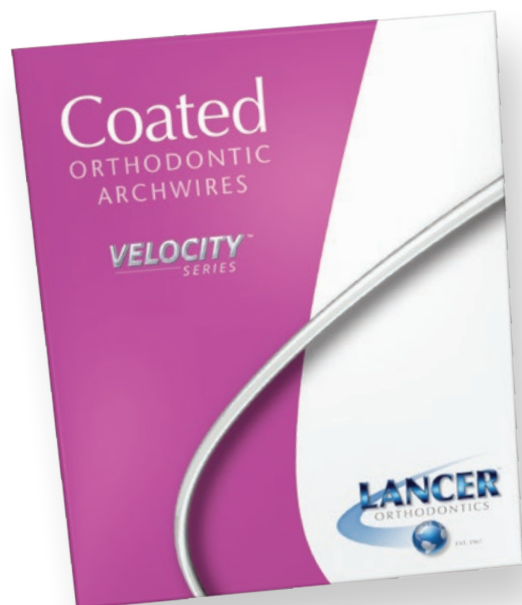
Patient Packs
10-Pack

Add a "P" before the dash in any part number above.

Add a "P" before the dash in any part number above.



VELOCITY™ COATED NiTi



Round	Trueform		Euroform	
	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
0.012	53TU-012	53TL-012	53EU-012	53EL-012
0.014	53TU-014	53TL-014	53EU-014	53EL-014
0.016	53TU-016	53TL-016	53EU-016	53EL-016
0.018	53TU-018	53TL-018	53EU-018	53EL-018
0.020	53TU-020	53TL-020	53EU-020	53EL-020

Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
	.016 x .016	53TU-1616	53TL-1616	53EU-1616
.016 x .022	53TU-1622	53TL-1622	53EU-1622	53EL-1622
.017 x .025	53TU-1725	53TL-1725	53EU-1725	53EL-1725
.018 x .018	53TU-1818	53TL-1818	53EU-1818	53EL-1818
.018 x .025	53TU-1825	53TL-1825	53EU-1825	53EL-1825
.019 x .025	53TU-1925	53TL-1925	53EU-1925	53EL-1925
.021 x .025	53TU-2125	53TL-2125	53EU-2125	53EL-2125

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.

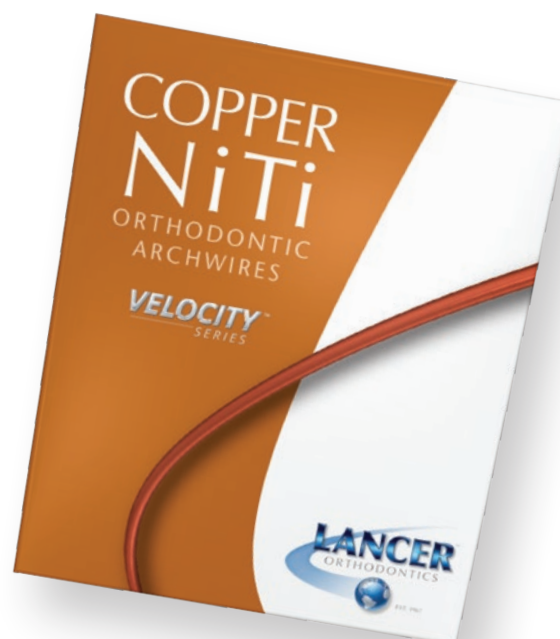
VELOCITY™ COPPER NiTi

Round	Universal Form	
	10-Pack	w/ Stop 10-Pack
0.013	52UN-013	52UN-013S
0.014	52UN-014	52UN-014S
0.016	52UN-016	52UN-016S
0.018	52UN-018	52UN-018S
0.020	52UN-020	52UN-020S

Rectangle	10-Pack	w/ Stop 10-Pack
	.014 x .025	52UN-1425
.016 x .022	52UN-1622	52UN-1622S
.016 x .025	52UN-1625	52UN-1625S
.017 x .025	52UN-1725	52UN-1725S
.018 x .018	52UN-1818	52UN-1818S
.018 x .025	52UN-1825	52UN-1825S
.019 x .025	52UN-1925	52UN-1925S

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.





VELOCITY™ BETA TITANIUM

● Round	Trueform		Euroform		Universal
	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	10-Pack
0.012	56TU-012	56TL-012	56EU-012	56EL-012	56UN-012
0.014	56TU-014	56TL-014	56EU-014	56EL-014	56UN-014
0.016	56TU-016	56TL-016	56EU-016	56EL-016	56UN-016
0.018	56TU-018	56TL-018	56EU-018	56EL-018	56UN-018
0.020	56TU-020	56TL-020	56EU-020	56EL-020	56UN-020

■ Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack	10-Pack
	.014 x .025	56TU-1425	56TL-1425	56EU-1425	56EL-1425
.016 x .016	56TU-1616	56TL-1616	56EU-1616	56EL-1616	56UN-1616
.016 x .022	56TU-1622	56TL-1622	56EU-1622	56EL-1622	56UN-1622
.017 x .025	56TU-1725	56TL-1725	56EU-1725	56EL-1725	56UN-1725
.018 x .025	56TU-1825	56TL-1825	56EU-1825	56EL-1825	56UN-1825
.019 x .025	56TU-1925	56TL-1925	56EU-1925	56EL-1925	56UN-1925
.021 x .025	56TU-2125	56TL-2125	56EU-2125	56EL-2125	56UN-2125

Patient Packs 10-Pack	Patient Packs 10-Pack	Patient Packs 10-Pack
Add a "P" before the dash in any part number above.	Add a "P" before the dash in any part number above.	Add a "P" before the dash in any part number above.

VELOCITY™ STAINLESS STEEL



Round	Trueform		Euroform	
	Upper 50-Pack	Lower 50-Pack	Upper 50-Pack	Lower 50-Pack
0.012	51TU-012	51TL-012	51EU-012	51EL-012
0.014	51TU-014	51TL-014	51EU-014	51EL-014
0.016	51TU-016	51TL-016	51EU-016	51EL-016
0.018	51TU-018	51TL-018	51EU-018	51EL-018
0.020	51TU-020	51TL-020	51EU-020	51EL-020

Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
	.016 x .016	51TU-1616	51TL-1616	51EU-1616
.016 x .022	51TU-1622	51TL-1622	51EU-1622	51EL-1622
.017 x .022	51TU-1722	51TL-1722		
.017 x .025	51TU-1725	51TL-1725	51EU-1725	51EL-1725
.018 x .018	51TU-1818	51TL-1818		
.018 x .025	51TU-1825	51TL-1825	51EU-1825	51EL-1825
.019 x .025	51TU-1925	51TL-1925	51EU-1925	51EL-1925
.021 x .025	51TU-2125	51TL-2125	51EU-2125	51EL-2125

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.

VELOCITY™ COATED STAINLESS STEEL

Round	Trueform		Euroform	
	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
0.012	55TU-012	55TL-012	55EU-012	55EL-012
0.014	55TU-014	55TL-014	55EU-014	55EL-014
0.016	55TU-016	55TL-016	55EU-016	55EL-016
0.018	55TU-018	55TL-018	55EU-018	55EL-018
0.020	55TU-020	55TL-020	55EU-020	55EL-020

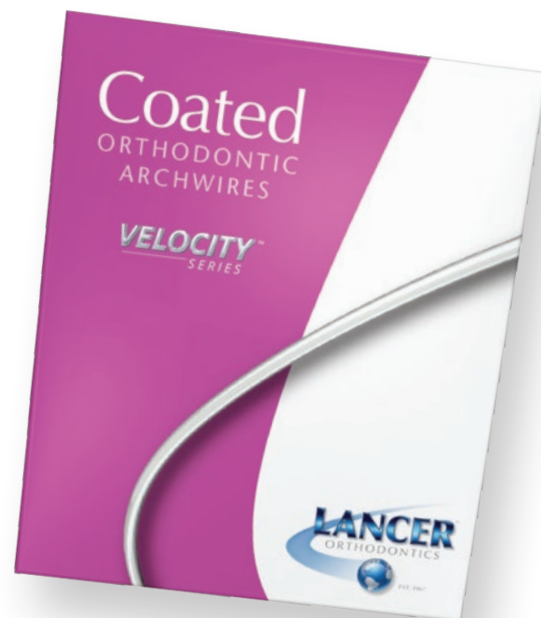
Rectangle	Upper 10-Pack	Lower 10-Pack	Upper 10-Pack	Lower 10-Pack
	.016 x .016	55TU-1616	55TL-1616	55EU-1616
.016 x .022	55TU-1622	55TL-1622	55EU-1622	55EL-1622
.017 x .025	55TU-1725	55TL-1725	55EU-1725	55EL-1725
.018 x .018	55TU-1818	55TL-1818	55EU-1818	55EL-1818
.018 x .025	55TU-1825	55TL-1825	55EU-1825	55EL-1825
.019 x .025	55TU-1925	55TL-1925	55EU-1925	55EL-1925
.021 x .025	55TU-2125	55TL-2125	55EU-2125	55EL-2125

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.

Patient Packs
10-Pack

Add a "P" before the dash
in any part number above.



Multi-Strand



SWISS STRAND TWISTED ARCHWIRES

(3 Wires)

Round	Standard 10-Pack
0.0155	507-115
0.0175	507-117
0.0195	507-119

Rectangle	Standard 10-Pack
.016 x .022	507-162
.017 x .025	507-164
.018 x .025	507-166
.019 x .025	507-167

Square	Upper 10-Pack	Lower 10-Pack
.016 x .016	507-261	507-361

Swiss Strand Twisted Straight Lengths

(3 Wires)

Round	Tube of 10 14" Lengths
0.0155	506-115
0.0175	506-117
0.0195	506-119
0.0215	506-121



MEMOREX™ COAXIAL ARCHWIRES

(6 Wires)

Round	Standard	
	10-Pack	Each
0.0155	509-115	509-015
0.0175	509-117	509-017
0.0195	509-119	509-019



SIMPLICITY WIRE BRAIDED NiTi

(8 Strand Braided Wire)

Rectangle	Patient Packs	
	Upper	Lower
.021 x .025	530-201	530-202



DOWN UNDER AUSTRALIAN WIRE SPOOLS

Round	Spool 25' Length Labeled
0.016	512-316
0.018	512-318

Memorex™ Coaxial Spools

(6 Wires)

Round	Spool 30' Length
0.0155	508-315
0.0175	508-317
0.0195	508-319
0.0215	508-321



Memorex™ Coaxial Straight Lengths

(6 Wires)

Round	Tube of 10 14" Lengths
0.0155	508-115
0.0175	508-117
0.0195	508-119
0.0215	508-121

LIGATURE WIRE SPOOLS



Round	Spool 1 Lb.
.010	575-110
.011	575-111

Ligature and Pre-Formed



Ligature Wire Pre-Formed

	Pack of 1000
.008	576-108
.009	576-109
.010	576-110
.011	576-111
.012	576-112



Ligature Wire Shorty Pre-Formed

	Pack of 500	Pack of 1000
.010	576-311	576-310



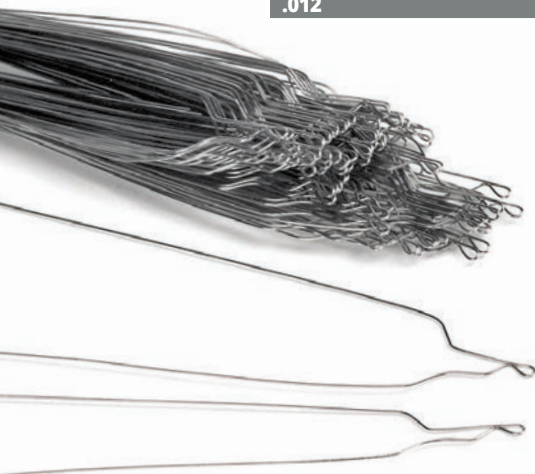
Ligature Wire Pre-Formed Coated

	Pack of 100
.012	576-512



Ligature Wire Shorty Pre-Formed Coated

	Pack of 100
.010	576-313



Kobayashi Auxiliary Tie Hooks

	Pack of 100
.012	577-112
.014	577-114



Kobayashi Shorty Auxiliary Tie Hooks

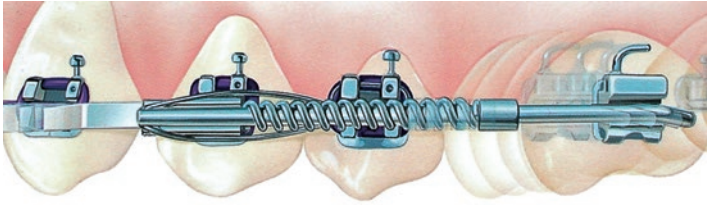
	Pack of 100
.012	577-115
.014	577-116

Miscellaneous Wire Products

PALATAL BAR LOOP & HOOK

Mesial		Distal	
10-Pack		10-Pack	
34mm	555-101	37mm	555-122
37mm	555-102	40mm	555-123
41mm	555-103	43mm	555-124
45mm	555-104	46mm	555-125
47mm	555-105	49mm	555-126
		52mm	555-127

LOKAR MOLAR DISTALIZER



10-Pack	
Lokar Molar Distalizer	555-300



Closed Hooks		Pack of 10
For wires .016 x .016	014-101	
For wires .018 x .025	014-102	
For wires .036	014-103	



Crimpable Ball Hooks		Pack of 20
Ball Hooks	014-114	

For surgical and elastic tractions to crimp on the arches



Steiner Spring Wedges		10-Pack
Small	577-301	



Micro Stops		Pack of 25
Micro Stops	014-104	

2 mm Length, for wires .012 to .018



Rotation Wedges		Pack of 100
Gray	577-303	
Clear	577-304	

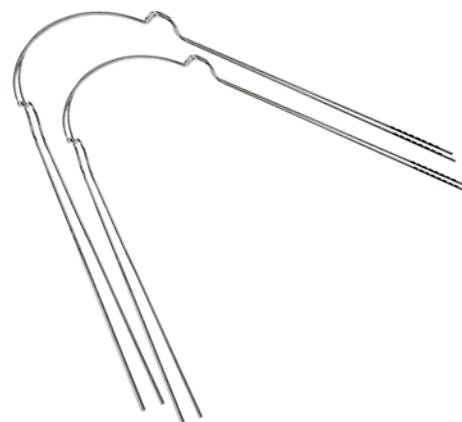


Retainer Wire



Retainer Wire Straight Lengths

	Tube of 20 14" Lengths
.028	500-128
.030	500-130
.032	500-132
.036	500-136
.040	500-140



SPLINX™ RETAINER WIRE

Permanent Retention made Easy!

- Suitable for all types of retention and splinting both upper and lower arches
- Made from a flattened woven wire coaxial (6 wires) for an easier adherence to tooth surface without slipping
- Completely passive, easily shaped and with no memory residual strength
- Compatible with all adhesives
- Wire Length: 8" (20.4 cm); Wire Thickness: 0.25 mm; Wire Height: 0.69 mm
- Tube of 8 wires (1.63 meters total)

SPLINX™ RETAINER WIRE

	Tube of 8 8" Lengths
0.0155	550-120

Flat Bow Retainer Wire

Size	Width*	10-Pack
1	28.5mm	550-001
2	31.5mm	550-002
3	34.5mm	550-003
4	37.5mm	550-004
5	40.5mm	550-005
6	43.5mm	550-006
7	46.5mm	550-007
8	49.5mm	550-008

* Width is measured from the center of the cuspid loops

Nickel Titanium Open and Closed Coil Springs

A selection of opening and closing springs in nickel-titanium with different force levels to obtain all necessary movements. The nickel titanium springs maintain a light and constant force that results in less trauma for the tissue and better comfort for patients in comparison to those made of stainless steel.



NT POWER OPENING SPRINGS

Light (.009 wire) Pack of 3	Medium (.010 wire) Pack of 3	Heavy (.012 wire) Pack of 3
410-141	410-142	410-143

Cut to required length for space opening; compresses to 3mm 7-1/4" lengths with .030 lumen



NT POWER CLOSING SPRINGS

.010 with .030 lumen	Pack of 10
9mm	410-108
12mm	410-109

Springs expand to 12mm without permanent wire deformation



GTS KIT

- 1 pack small springs
- 1 pack large springs
- 1 GTS crimping plier

GTS Kit	
	410-306



NT POWER SPRINGS

QTY.	36 Piece Kit	410-200
5	.010 x .030 (9mm space closing springs)	
5	.010 x .030 (12mm space closing springs)	
4	.010 x .030 (9mm space closing springs w/ligatures)	
4	.010 x .030 (12mm space closing springs w/ligatures)	
1	.009 x .030 (7-1/4" length, light opening spring)	
1	.010 x .030 (7-1/4" length, medium opening spring)	
1	.012 x .030 (7-1/4" length, heavy opening spring)	
8	Crimpable stops with ball hooks	



GTS (GOODMAN™ TORQUING SPRING)

Prevents relapse by properly positioning the root under the clinical crown to ensure the results of your orthodontic treatment.

- Achieve true root torque – from centrals to 2nd bicuspids
- 2 ranges of torques: 75-90 grams and 125-150 grams
- Fits most rectangular arch wires



	Pack of 5
Small	410-302
Large	410-304

Stainless Steel and Uprighting Springs

A selection of opening and closing springs in stainless steel with different force levels to obtain all necessary movements.



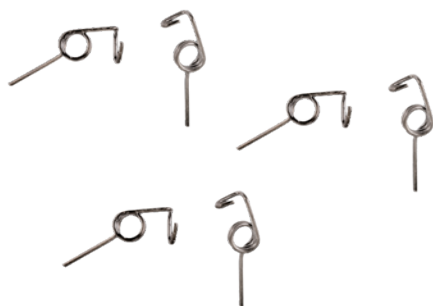
STAINLESS STEEL OPENING SPRINGS

Wire Size / Coil I.D. (Lumen)	3 Foot Spool
.007 x .025	015-507
.008 x .030	015-518
.009 x .030	015-519
.010 x .030	015-520
.010 x .036	015-530
.009 x .040	015-540



STAINLESS STEEL CLOSED SPRINGS

Wire Size / Coil I.D. (Lumen)	2 Foot Spool
.009 x .030	015-719



UPRIGHTING SPRINGS

	UR/LL Bag of 10	UL/LR Bag of 10
.016 5mm Arm	015-133	015-134

Uprighting Springs are designed and manufactured to an exact tolerance. The pin leg dimensions are .016 x .018 to be easily inserted into the vertical slot of .020 x .020. Due to the exact tolerance the possibility of the pin rotating in the bracket slot is eliminated.



NEET SEPARATING SPRINGS - NiTi

	Pack of 25
Separating Springs	468-102

Elastomerics

IN THIS SECTION:

Elastomeric Ligature Ties 132

Chain Elastics 134

Intra Oral and Extra Oral Elastics 136

Tubing & Separators 137



Make orthodontic treatment exciting and increase patient cooperation with our colorful line of elastics, chains, and ties.

Keeping patients engaged is one of the keys to a successful treatment. With Lancer's brilliant rainbow of colorful elastomerics, patients can express themselves with the elastics that best fit their personalities. This helps to increase patient participation, thereby helping to ensure perfect results. Lancer's elastomerics are manufactured from the highest quality, surgical grade materials, which exhibit consistent force levels for effective tooth movement.



ELASTOMERIC LIGATURE TIES

Lancer's ligature ties are made from optimum material that maintains elasticity over time. As a result, our ties do not require frequent changes.

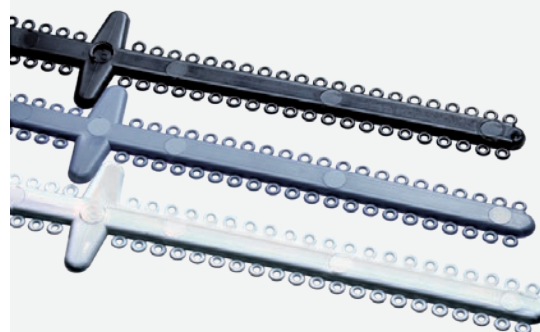
They are available in three variations: Universal Sticks, Patient Sticks and Arch Sticks, and in 32 vibrant colors. The diameter of each ring is .120" – sized to fit any type of bracket. Each pack contains 1,008 ties.

LIGATURE TIES

	Arch Sticks	Patient St.	Universal St.
Assorted		466-730	466-700
Clear	466-831	466-731	466-701
Gray	466-832	466-732	466-702
Neon Green	466-833	466-733	466-703
Red	466-834	466-734	466-704
Navy Blue	466-835	466-735	466-705
Neon Pink	466-836	466-736	466-706
Purple	466-837	466-737	466-707
Black	466-838	466-738	466-708
Orange	466-839	466-739	466-709
Yellow	466-840	466-740	466-710
Forest Green	466-841	466-741	466-711
Tooth Color	466-842	466-742	466-712
Turquoise	466-843	466-743	466-713
White	466-844	466-744	466-714
Light Blue	466-845	466-745	466-715
Silver	466-846	466-746	466-716
Gold	466-847	466-747	466-717
Burgundy	466-848	466-748	466-718
Sparkle Green	466-853	466-753	466-719
Kelly Green	466-854	466-754	466-720
Marigold	466-855	466-755	466-721
Teal	466-856	466-756	466-722
Smoke Gray	466-857	466-757	466-723
Midnight Blue	466-858	466-758	466-724
Fuchsia	466-859	466-759	466-725
Carolina Blue	466-862	466-860	466-726
Periwinkle	466-863	466-861	466-727
Baby Blue	466-865	466-864	466-728
Baby Pink	466-849	466-769	
Lilac	466-850	466-770	
Glow-in-the-Dark		466-749	
Pearl	466-851	466-771	

Designed for efficiency and patient compliance, Lancer's ligature ties offer several benefits:

- *Because of their high resistance to breakage and tearing, valuable chair time is saved and patient confidence is enhanced.*
- *These long-lasting ties are easy to place and easy to remove due to their high flexibility and resiliency without stiffness.*
- *Facilitates both archwire retention and tooth movement with long-lasting elasticity and an optimum .120 diameter.*
- *Double-ended thumb loops help gloved hands keep a secure grasp*
- *Latex-free*



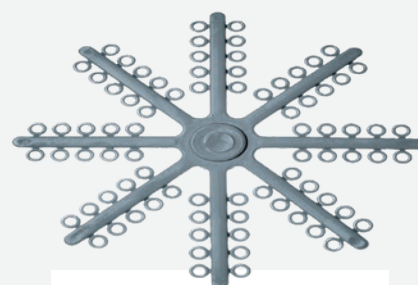
Universal Sticks



Patient Sticks



Arch Sticks



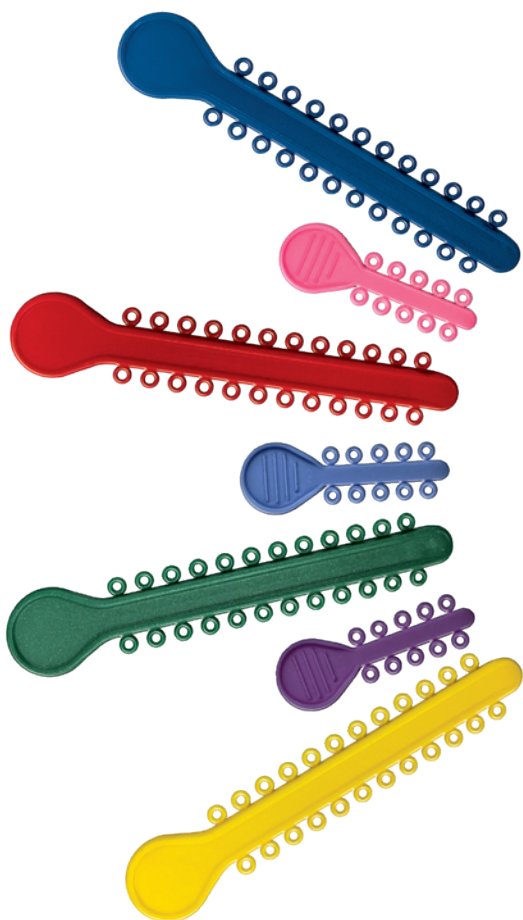
Mini Elast-o-Loop Ligature Ties

Mini .095	Bag of 1008
Clear	466-431
Gray	466-432
Silver	466-433

VELOCITY™ TIES

Velocity™ Ties are available in two variations: Patient Sticks and Arch Sticks. They are available in 50 vibrant colors.

The diameter of each ring is .120 – sized to fit any type of bracket. Pack of 1,008 ties.



Lancer's Velocity line of latex-free ties feature more vibrant colors, and exhibit slightly stiffer physical characteristics for increased duration of hold and to endure higher stresses for longer periods of time with less force degradation. The result is that Velocity produces effective and tenacious forces for facilitating tooth movement.

	Ties	Short Ties
Assorted	ELT-00	EST-00
Clear	ELT-01	EST-01
Silver	ELT-02	EST-02
White	ELT-03	EST-03
Black	ELT-04	EST-04
Red	ELT-05	EST-05
Hot Pink	ELT-06	EST-06
Light Pink	ELT-07	EST-07
Green	ELT-08	EST-08
Light Green	ELT-09	EST-09
Dark Green	ELT-10	EST-10
Blue	ELT-11	EST-11
Sky Blue	ELT-12	EST-12
Light Blue	ELT-13	EST-13
Cobalt Blue	ELT-14	EST-14
Orange	ELT-15	EST-15
Yellow	ELT-16	EST-16
Purple	ELT-17	EST-17
Fuchsia	ELT-18	EST-18
Teal	ELT-19	EST-19
Aqua	ELT-20	EST-20
Metallic Green	ELT-21	EST-21
Bright Red	ELT-22	EST-22
Fluor Green	ELT-23	EST-23
Fluor Pink	ELT-24	EST-24
Emerald Green	ELT-25	EST-25
Tooth Color	ELT-26	EST-26
Metallic Gold	ELT-27	EST-27
Burgundy	ELT-28	EST-28
Pearl	ELT-29	EST-29
Aquamarine	ELT-30	EST-30
Lime	ELT-31	EST-31
Ocean Blue	ELT-32	EST-32
Watermelon	ELT-33	EST-33
Tangerine	ELT-34	EST-34
Violet	ELT-35	EST-35
Pearl Watermelon	ELT-36	EST-36
Grape	ELT-37	EST-37
Metallic Ocean Blue	ELT-38	EST-38
Lilac	ELT-39	EST-39
Navy	ELT-40	EST-40
Dark Gray	ELT-41	EST-41
Sparkle Blue	ELT-42	EST-42
Sparkle Green	ELT-43	EST-43
Sparkle Red	ELT-44	EST-44
Periwinkle	ELT-45	EST-45
Lime Pearl	ELT-46	EST-46
Violet Pearl	ELT-47	EST-47
Bright Red Pearl	ELT-48	EST-48
Blue Pearl	ELT-49	EST-49

CHAIN ELASTICS

Precision manufactured and scientifically tested, Lancer's Elast-o-Link latex-free chain is admired by doctors and loved by patients around the world. Elast-o-Link chain offers superior memory and durability characteristics with excellent color stability and stain resistance. Featuring a wide variety of vibrant colors, Elast-o-Link chains are designed to ensure consistent force delivery with minimal decay rates. They offer continuous, gentle forces for predictable tooth movement.

Elastolink Chain comes in 32 vibrant colors and 3 sizes: X Short, Short and Medium. Each spool contains 15 feet of chain and can be easily accessed by placing the spools in Lancer's chain dispenser.



ELASTOLINK™ CHAIN

	 X Short	 Short	 Med
Clear	467-701	467-731	467-761
Gray	467-702	467-732	467-762
Neon Green	467-703	467-733	467-763
Red	467-704	467-734	467-764
Navy Blue	467-705	467-735	467-765
Neon Pink	467-706	467-736	467-766
Purple	467-707	467-737	467-767
Black	467-708	467-738	467-768
Orange	467-709	467-739	467-769
Yellow	467-710	467-740	467-770
Forest Green	467-711	467-741	467-771
Tooth Color	467-712	467-742	467-772
Turquoise	467-713	467-743	467-773
White	467-714	467-744	467-774
Light Blue	467-715	467-745	467-775
Silver	467-716	467-746	467-776
Gold	467-717	467-747	467-777
Burgundy	467-718	467-748	467-778
Sparkle Green	467-719	467-749	467-779
Kelly Green	467-720	467-750	467-780
Marigold	467-721	467-751	467-781
Teal	467-722	467-752	467-782
Smoke Gray	467-723	467-753	467-783
Midnight Blue	467-724	467-754	467-784
Fuchsia	467-725	467-755	467-785
Carolina Blue	467-726	467-756	467-758
Periwinkle	467-727	467-757	467-759
Baby Blue	467-728	467-760	467-796
Baby Pink	467-729	467-797	467-800
Lilac	467-730	467-798	467-801
Glow-in-the-Dark	467-786	467-787	467-788
Pearl	467-789	467-799	467-802

SPOOL DISPENSER

Spool Dispenser



872-112

Lancer's Spool Dispenser offers big storage at a compact size. It holds up to 13 spools!

The dispenser can house Chain Elastic, Coil Springs and Tissue Guard.



VELOCITY™ CHAIN

	 Continuous	 Short	 Long
Clear	ECC-01	ECS-01	ECL-01
Silver	ECC-02	ECS-02	ECL-02
White	ECC-03	ECS-03	ECL-03
Black	ECC-04	ECS-04	ECL-04
Red	ECC-05	ECS-05	ECL-05
Hot Pink	ECC-06	ECS-06	ECL-06
Light Pink	ECC-07	ECS-07	ECL-07
Green	ECC-08	ECS-08	ECL-08
Light Green	ECC-09	ECS-09	ECL-09
Dark Green	ECC-10	ECS-10	ECL-10
Blue	ECC-11	ECS-11	ECL-11
Sky Blue	ECC-12	ECS-12	ECL-12
Light Blue	ECC-13	ECS-13	ECL-13
Cobalt Blue	ECC-14	ECS-14	ECL-14
Orange	ECC-15	ECS-15	ECL-15
Yellow	ECC-16	ECS-16	ECL-16
Purple	ECC-17	ECS-17	ECL-17
Fuchsia	ECC-18	ECS-18	ECL-18
Teal	ECC-19	ECS-19	ECL-19
Aqua	ECC-20	ECS-20	ECL-20
Metallic Green	ECC-21	ECS-21	ECL-21
Bright Red	ECC-22	ECS-22	ECL-22
Fluor Green	ECC-23	ECS-23	ECL-23
Fluor Pink	ECC-24	ECS-24	ECL-24
Emerald Green	ECC-25	ECS-25	ECL-25
Tooth Color	ECC-26	ECS-26	ECL-26
Metallic Gold	ECC-27	ECS-27	ECL-27
Burgundy	ECC-28	ECS-28	ECL-28
Pearl	ECC-29	ECS-29	ECL-29
Aquamarine	ECC-30	ECS-30	ECL-30
Lime	ECC-31	ECS-31	ECL-31
Ocean Blue	ECC-32	ECS-32	ECL-32
Watermelon	ECC-33	ECS-33	ECL-33
Tangerine	ECC-34	ECS-34	ECL-34
Violet	ECC-35	ECS-35	ECL-35
Pearl Watermelon	ECC-36	ECS-36	ECL-36
Grape	ECC-37	ECS-37	ECL-37
Metallic Ocean Blue	ECC-38	ECS-38	ECL-38
Lilac	ECC-39	ECS-39	ECL-39
Navy	ECC-40	ECS-40	ECL-40
Dark Gray	ECC-41	ECS-41	ECL-41
Periwinkle	ECC-45	ECS-45	ECL-45
Lime Pearl	ECC-46	ECS-46	ECL-46
Violet Pearl	ECC-47	ECS-47	ECL-47
Bright Red Pearl	ECC-48	ECS-48	ECL-48
Blue Pearl	ECC-49	ECS-49	ECL-49

Velocity™ Chain is made from optimum material so they maintain their elasticity over time and do not require frequent changes.

Velocity™ Chain comes in 47 vibrant colors and 3 sizes: Continuous, Short and Long.

Each spool contains 15 feet of chain and can be easily accessed by placing the spools in Lancer's chain dispenser.

Velocity chain is latex-free.





















INTRA ORAL AND EXTRA ORAL ELASTICS

Lancer's latex elastics are made from superior quality, top-grade pure latex tubing. They provide top performance, long fatigue life and force reliability.

Each sports pack is labeled with a different sports activity for easy identification. Our non-latex elastics are made from special material ideal for sensitive patients.





Latex and Non-Latex Intra Oral Elastics

Box of 3000 elastics (30 packs of 100 each)

	1/8" (3.2mm)		3/16" (4.7mm)		1/4" (6.4mm)		5/16" (7.9mm)		3/8" (9.5mm)	
Light 2oz 57g										
	-		Diving		Sailing		Hockey		Baseball	
	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex
	-	-	463-200	463-600	463-300	463-700	463-400	463-800	463-500	463-900
Medium 4oz 114g										
	Golf		Football		Basketball		Skating		Rodeo	
	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex
	463-101	463-550	463-201	463-601	463-301	463-701	463-401	463-801	463-501	463-901
Heavy 6oz 170g										
	Tennis		Track		Fishing		Archery		Mtn. Climbing	
	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex
	463-104	463-554	463-204	463-604	463-304	463-704	463-404	463-804	463-504	463-904
X-Heavy 8oz 227g	-									
	-		Bowling		Volleyball		Motorcycling		Water Skiing	
	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex
	-	-	463-205	-	463-305	-	463-405	-	463-505	-

Latex Extra Oral Elastics

Box of 1000 elastics (20 packs of 50 each)

	1/4" (6.4mm)		5/16" (7.9mm)		3/8" (9.5mm)		1/2" (12.7mm)	
16oz 450g								
	Judo		Karate		Boxing		Sumo	
	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex	Latex	Non-Latex
	463-306	-	463-406	-	463-506	-	463-507	-



MULTI-COLORED ELASTIC DIRECTORS

Elastic placers make placing and removing elastics easy for patients. Packaged in assorted bright colors.

Elastics Applicator	Bag of 100 463-999
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ELASTOMERIC THREAD

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

Pack of 3 Spools (25 foot spools)	Regular .025	Heavy .030
	Gray	460-301

TUBING & SEPARATORS

Besides traditional elastic ligature, Lancer offers a coarse super-elastic ligature thread that facilitates the tying procedure without slipping. This elastic thread also maintains its elasticity for a longer period of time compared to the commonly used elastic ligatures.



SLIP-NOT 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.

Pack of 3 Spools (25 foot spools)	Regular .025	Heavy .030	
	Metallic Gray	460-101	460-102
	Clear	460-105	460-106

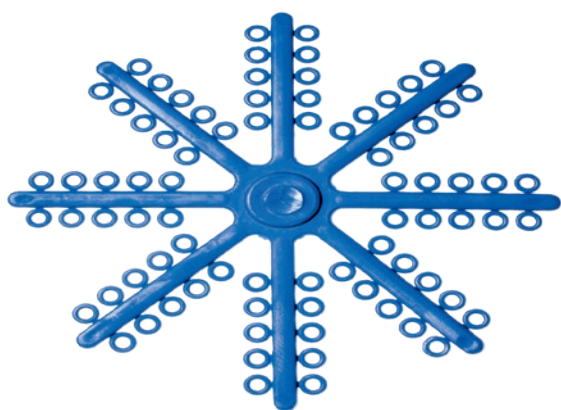


LIP BUMPER TUBING

Flexible plastic tubing which slips over archwire to prevent irritation of patients' tissue.

Pack of 3 Spools (10 foot spools)	Small*	Large**	
	Metallic Gray	460-201	460-202
	Clear	460-205	460-206

* Small slides over wire size .016x.016
** Large slides over wire size .022x.027



Radio-Opaque Blue Separating Stars

Separating Stars - .115"	Bag of 13 Stars 466-424
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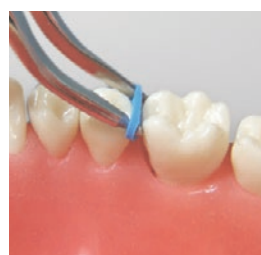
Used to facilitate the separation of the molars in preparation for the banding phase of treatment, Lancer's separating stars are highly visible, smooth injection molded plastic separators that can be used in both the anterior and posterior segments.



Radio-Opaque Blue Separating Elastics

Pack of 1,000	
Small - 1/8" OD .040"	466-426
Large - 3/16" OD .045"	466-427

Placed between the posterior teeth, these elastics exert a light and continuous force for opening contacts. X-ray visibility provides for additional safety and confidence.



Elastic Placing Plier

Each	
Ideal for placement of elastic separators	652-182



Adhesives

IN THIS SECTION:

Lancer Adhesive Products..... 140

Blaze™ Curing Light..... 143

Bracket Adhesive and Etching Gel 144

Specifically engineered for metal, ceramic and plastic composite appliances, Lancer's bracket adhesives and etching gels exhibit the superior bonding characteristics necessary for a successful treatment.



FORMULA 2

One Step Syringe – KIT

810-502

Contains:
 Paste 20 g (5 g x 4 Syringes)
 Primer 12 ml
 Etching Gel 7.5 ml
 Spatulas x 2
 Primer Brushes x 30
 Mixing Pads x 2

ONE STEP ADHESIVE

Lancer's composite resin system is designed for bonding metal, ceramic or composite brackets to etched enamel.

Featuring a tacky composite viscosity that allows for free flow, the paste helps to eliminate bracket flotation during bonding. The Catalyst Resin/Paste system sets on contact, while the primer helps to seal the etched enamel. One piece removal after treatment is a snap because the cohesive strength of the adhesive is greater than the bond to the tooth.

REFILLS

	Description	Item
Formula 2 Paste	3.5 g x 4 Syringes	810-523
Primer	16 cc	810-527

DUAL CURE GLASS IONOMER BAND CEMENT

Ideally suited for cementing metal molar bands, Lancer's dual cure composite resin cement creates a strong chemical bond between the tooth and the band. This pre-mixed cement has no strong odor or aftertaste, and can be light cured to instantly seat the band. A complete set is achieved in five minutes without light activation. Easily and conveniently dispensed from the smart automix system, the cement contains fluoride for added tooth protection.

FORMULA 14 Automix Dual Cure Glass Ionomer Band Cement Dual Cure Syringe – KIT

810-F14

Contains:
Paste 40 g (10 g x 4 Syringes)
Mixing Tips
Mixing Pad

Dual Mix Replacement Tips

Pack of 25

810-141



LANCER ETCHING GEL

Used for etching enamel and dentin prior to bonding procedures, Lancer's phosphoric acid gel is a medium viscosity etchant that can be applied precisely in controlled amounts to the area to be etched. Available in a syringe with disposable tips this thixotropic etching gel remains in place and will not run. It has a long shelf life, and does not dry out when properly stored. The gel washes off clean.



	Description	Item
Syringe	12g Syringe + 10 Tips	810-313
Syringe Tips	Pack of 25 Tips	810-314



FORMULA 10 LIGHT CURE

Light Cure Patient
Cartridges – KIT

810-510

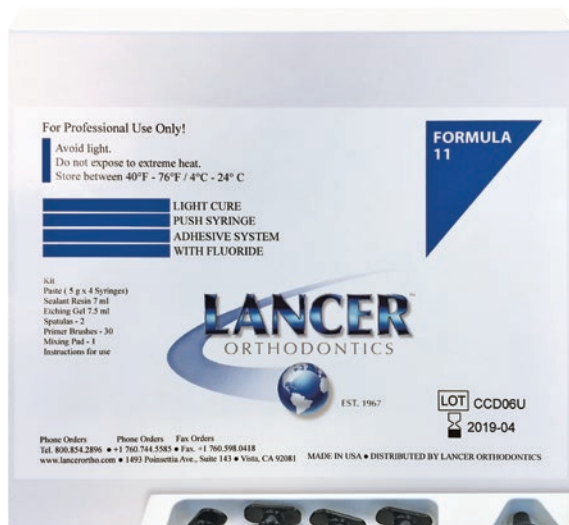
Contains:
Paste 20 g (0.35 g X 57 Cartridges)
Resin 6 cc
Etching Gel 24 g
Spatulas x 2
Primer Brushes x 30
Mixing Pads x 2

REFILLS

	Description	Item
Formula 10 Paste	0.35 g x 57 Cartridges	810-525
Primer (Resin)	2 bottles x 3 cc (6 cc total)	810-526

UNIVERSAL REFILLS

	Description	Item
Porcelain Conditioner	Qty. 1	810-211
Spatulas	Pack of 75	810-304
Brushes	Pack of 75	810-305
Mixing Pads	2 Pads	810-306
Bonding Prep. Tray	Pack of 50	810-312
Etch - Liquid	18 g	810-528
Etch - Gel	24 g	810-529



LIGHT ACTIVATED ADHESIVE

Lancer's quick, no-mix, light-activated composite resin system is ideal for bonding metal, ceramic or composite orthodontic brackets to etched enamel. The primer helps seal the etched enamel. The tacky viscosity of the paste allows it to flow easily without bracket flotation. The light activated bonding paste sets on demand. The strength of the adhesive-to-bracket interface is greater than the bond to the tooth, allowing for one-piece removal after treatment without enamel scarring or damage.

FORMULA 11 LIGHT CURE

Light Cure Syringe – KIT

810-F11

Contains:
Paste 20 g (5 g x 4 Syringes)
Primer 7 ml
Etching Gel 7.5 ml
Spatulas x 2
Primer Brushes x 30
Mixing Pad

REFILLS

	Description	Item
Formula 11 Light Activated Adhesive	5 g Syringe	810-111
Primer (Resin)	2 bottles x 3 cc (6 cc total)	810-526



BLAZE™ CURING LIGHT

- **Added Feature:**
Caries detection light
- **Colorful, ergonomic handle design**
- **Color choices:** *Grass Green, Pink, Purple, Blue and Black*
- **A full charge will provide more than 200 applications**
- **Three working modes:**
full power, ramping-up and pulse
- **Variable time settings:** *from 5 seconds to 40 seconds*
- **Long stand-by time,**
as long as six months
- **Wave length:**
420nm - 480nm
- **Light intensity:**
1,600 mW/cm² to 1,800 mW/cm²
- **1 year warranty**

Black	ECL1-BK
Purple	ECL1-PU
Blue	ECL1-BL
Green	ECL1-GR
Pink	ECL1-PI
Replacement Tip	ECL1-R1

BRACKET ADHESIVE AND ETCHING GEL

NO-MIX SYRINGE KIT

811-002

Contains:
Paste 14g (3.5g x 4 syringes)
Primer 16cc
Etching Agent Gel 9g
Accessories



**Rely-A-Bond Paste - Syringe
4/Pk 14g (3.5g x 4 syringes)**

811-005

Primer 16cc

811-007

NO-MIX PATIENT CARTRIDGE KIT

811-400

Contains:
Paste 14g (0.4g x 34 cartridges),
Primer 16cc, Etching Gel 9g
Accessories



Paste 14g (0.4g x 34 cartridges)

811-401

Primer 16cc

811-007

RELY-A-BOND™

Known for its ease-of-use and effective bond strength, Rely-A-Bond™ is one of the most popular autocure adhesives on the market today.

Rely-a-Bond® is formulated with a monomer that contains fluoride and will not reduce bond strength. The highly filled paste combines with a unique primer to produce a bond strength to etched enamel that virtually eliminates bonding failures.

The paste is very tacky which prevents bracket flotation and penetrates the finest mesh base. Due to a unique catalyst system, the paste does not require refrigeration.

FUJI™ ORTHO LC

This light-curing glass ionomer cement exhibits easy application and excellent adhesion even in a humid environment.

INTRO KIT

D11-7850

Contains:
Powder 15g
Liquid 6.8ml



Powder 40 g

D11-9662

Liquid 6.8 ml

D11-9110

PATIENT CARTRIDGES

D11-2032

Contains:
Paste 21.5g (0.43g x 50 capsules)

Capsule Applier II

D11-2033

BAND CEMENTS

INTACT GLASS IONOMER CEMENT



TRIAL PACK

811-200

Contains:
Powder 30g
Water Dispenser
Mixing Pads
Powder Scoop

ORTHO PACK

811-210

Contains:
Powder 200g
Water Dispenser
Mixing Pads
Powder Scoop

A unique dual cure composite resin cement ideally suited for cementing metal molar bands. Chemically bonds to both tooth structure and metal band to create a strong anchor. The glass ionomer technology creates high tensile and compressive strength, reducing washout and loose bands. Easy smooth mixing – just add distilled water. Fifteen seconds mixing time and two minutes working time. Working time can be extended by using a cold mixing slab (keep powder and water refrigerated for ideal results).

RELIANCE ULTRA BAND-LOK

Light curing glass ionomer cement for orthodontic bonding can also be used to bond brackets, lingual retainers and large acrylic appliances. No mix. Fluoride releasing. Blue shade for easy removal of excess cement.



Ultra Band-Lok Blue Syringe (5g)

Qty 1

811-403



FUJI™ ORTHO BAND CEMENT GC

Paste-to-paste resin modified glass ionomer cement for bonding bands. Autocure. Fluoride releasing.

Paste-Pack 26.6g (13.3g x 2 cartridges)

D11-2039

Dispenser Paste-Pack

D11-2040



MICROBRUSH®

Disposable applicators bend easily to any angle for the placement of small controlled amounts of material in areas of limited access.

Regular Package - 400 Applicators

4 tubes / 100 each (blue, green, peach, purple)

LD600-508

Expanders

IN THIS SECTION:



Philosophy 1™148

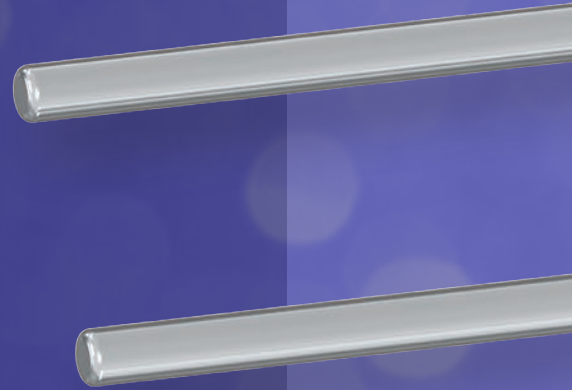
Philosophy 1™

RPE (RAPID PALATAL EXPANDER)

RESEARCH AND EVOLUTION

The extraordinary clinical benefits of RPEs have been well demonstrated and documented. Highly regarded researchers in the orthodontic industry have written and published on this topic for the last 30 years. Philosophy 1™ takes this important orthodontic appliance to a new level of refinement.

Philosophy 1™ was developed with innovative technical features and with extremely small dimensions (micro-dimensions) to dramatically improve patient comfort and solve problems common to the older generation of palatal expanders.



Performance

THE SMALLEST

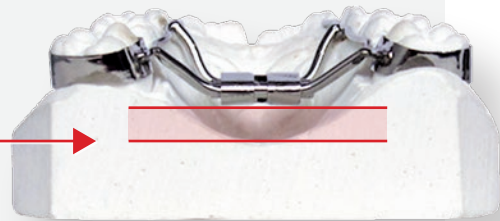
Philosophy 1 has a very small profile which allows it to be used in any size palate and with exceptional comfort for all patients.

- Philosophy 1™ lies very close to the palate
- Other expanders lie much further from the palate

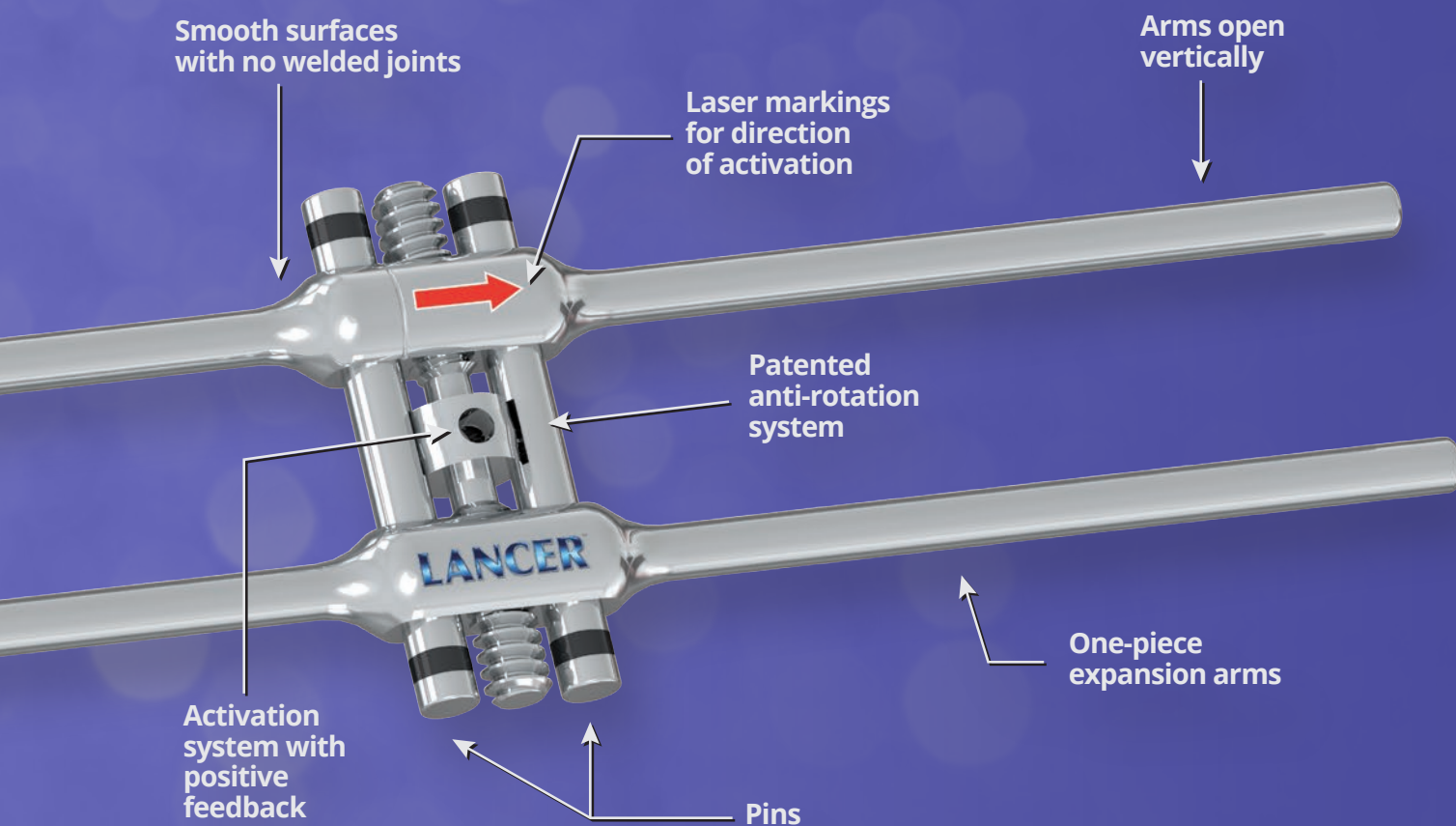


Philosophy 1™

8mm
Expansion



Traditional Expander



Unique Features

- *Extremely small dimensions*
- *New design of expansion arms opening vertically*
- *Screw dimension does not change during expansion*
- *Manufactured using micro-mechanical technology*
- *Special steel alloy for superior strength and ease of modeling*
- *Absence of welded seams provides extremely smooth, patient-friendly surface*



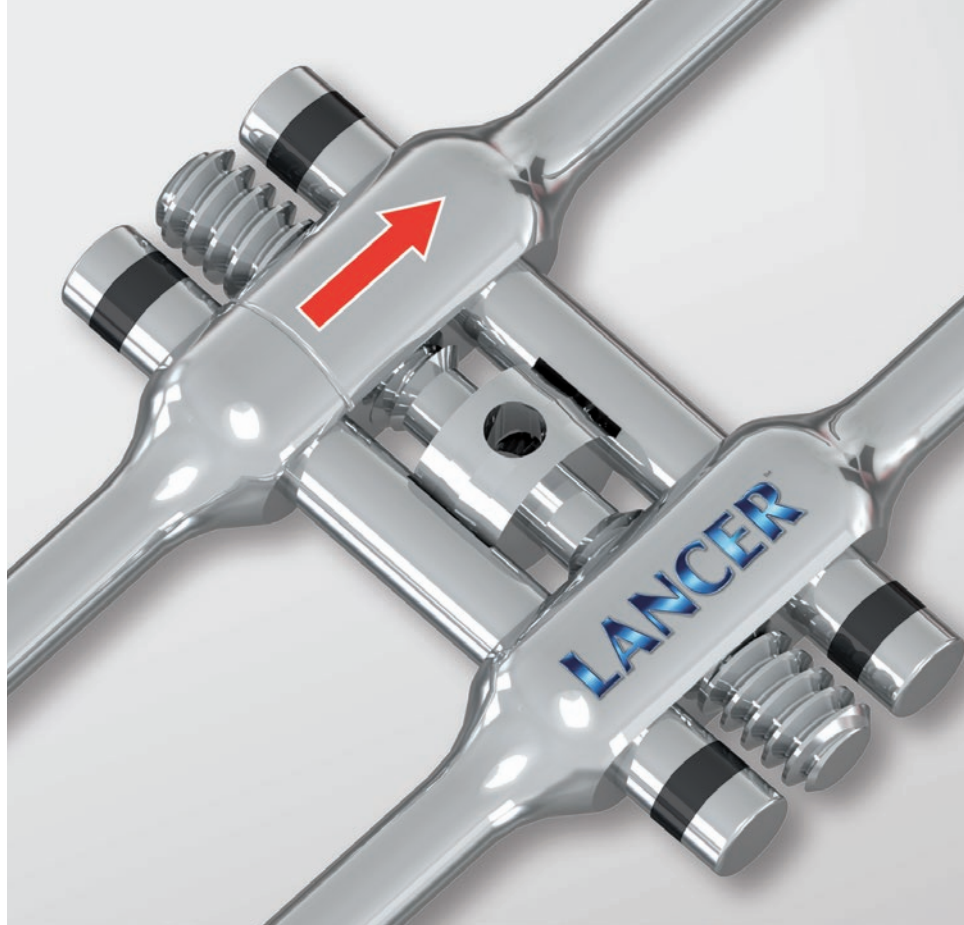
Easy access even in the smallest palate

Performance

THE MOST COMFORTABLE

Thanks to its innovative features, small dimensions, method of activation, and positioning at just a few millimeters from the palate, Philosophy 1™:

- Has a far less invasive presence in the mouth
- Minimizes interference with chewing, swallowing and speaking
- Eliminates or greatly reduces intra-oral tissue irritation
- Improves oral hygiene
- Reduces bad breath problems due to fewer food traps



Screw and pin dimensions do not change during treatment

THE MOST INNOVATIVE

Due to the design of the arm and the single expansion mechanism, the dimension of the screw body does not change during treatment.

Innovative design and Micro-Mechanical technology allows Philosophy 1™ RPE to fit very close to the palate. This means it is much closer to the center of resistance of the palatal suture and provides optimal transfer of expansion force.

Thanks to its design and manufacturing technology, Philosophy 1™ is also applied parallel to the palate.

Malleable in the laboratory and strong in the mouth. The special steel alloy used has unique biomechanical properties that facilitate forming the device while ensuring dimensional stability in the mouth during treatment.

PHILOSOPHY 1™ RPE

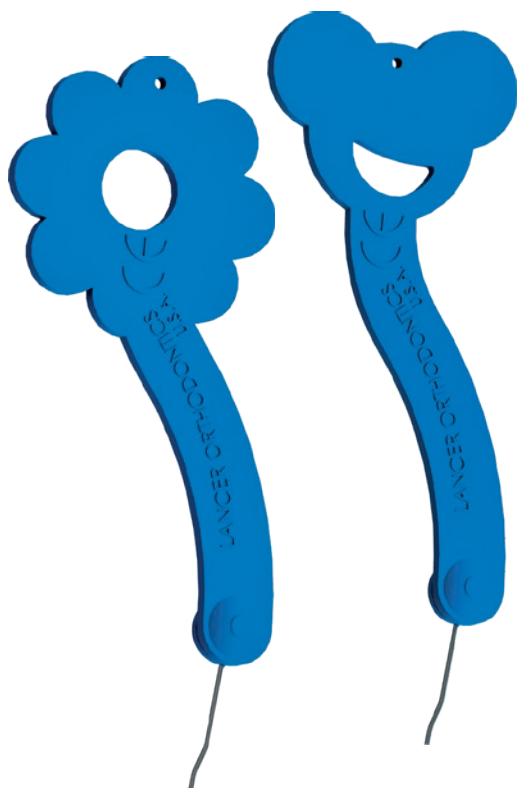
Expansion	Screw Body	Each	10 Pack	Case of 100
4mm	8mm	620-004	620-014	620-024
6mm	10mm	620-006	620-016	620-026
8mm	12.5mm	620-008	620-018	620-028
10mm	14.5mm	620-010	620-020	620-030
13mm	18mm	620-013	620-023	620-033



Direction of rotation is clearly marked for activation



Activation system includes multiple safety features



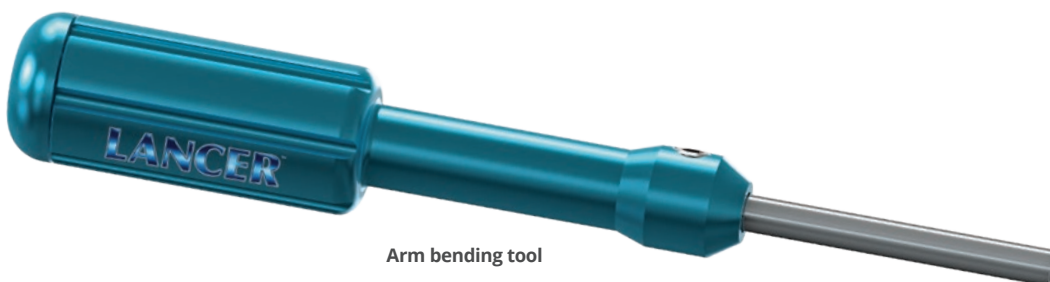
Activation keys. Assorted flower and mouse capped handles

Safety Conscious

- The patented anti-rotation activation system prevents unintended spring back. This feature guarantees that Philosophy 1™ will remain at the setting the user dials in every time.
- Activation "Feedback" feature. Each quarter turn (one hole) provides audible and tactile feedback for the parents.
- Laser markings eliminate any guesswork about the proper direction of rotation.
- The activation key features an ergonomic handle for secure and easy insertion into the device.
- Each device includes a patient chart for therapy control.

PHILOSOPHY 1™ ACCESSORIES

	Each	10 Pack	Case of 100
Arm Bending Tool	620-002		
Activation Key	620-111	620-110	620-100



Arm bending tool



Mini-Screws

IN THIS SECTION:

Storm™ 154

Storm™

ORTHODONTIC MINI-SCREW

The Storm™ Mini-Screw is a combination of Lancer's manufacturing technology and the clinical experience of a team of orthodontists specialized in skeletal anchorage. Storm is the easiest and most effective solution for the common needs of anchorage in orthodontics. Easy to insert and to remove, the Storm™ Mini-Screw provides the best and simplest answer to intraoral anchorage needs.

SIMPLE

Storm™ is available in three sizes and color coded for immediate identification: Blue, Light Blue and Aluminum. The intraosseous portion, provided with an asymmetrical threading, reduces trauma from the device and enhances strength distribution in the perio implant area. Self-tapping and self-drilling, and thanks to its apical flute, in many cases the Storm™ Mini-Screw can be inserted without the use of burs, which has evident advantages for the patient.



Eyelet size .022"x .028"



.022"x .028" Slot

SAFE

During production, the Storm™ Mini-Screw undergoes thorough cleaning cycles, decontamination in an acid environment and sterilization with ionizing radiation. The device is delivered sterile which reduces the risks of contamination and makes the Storm™ Mini-Screw ready for immediate use.

The asymmetrical threading provides apical loading which makes the device a stable anchoring system and ready for immediate orthodontic treatment.

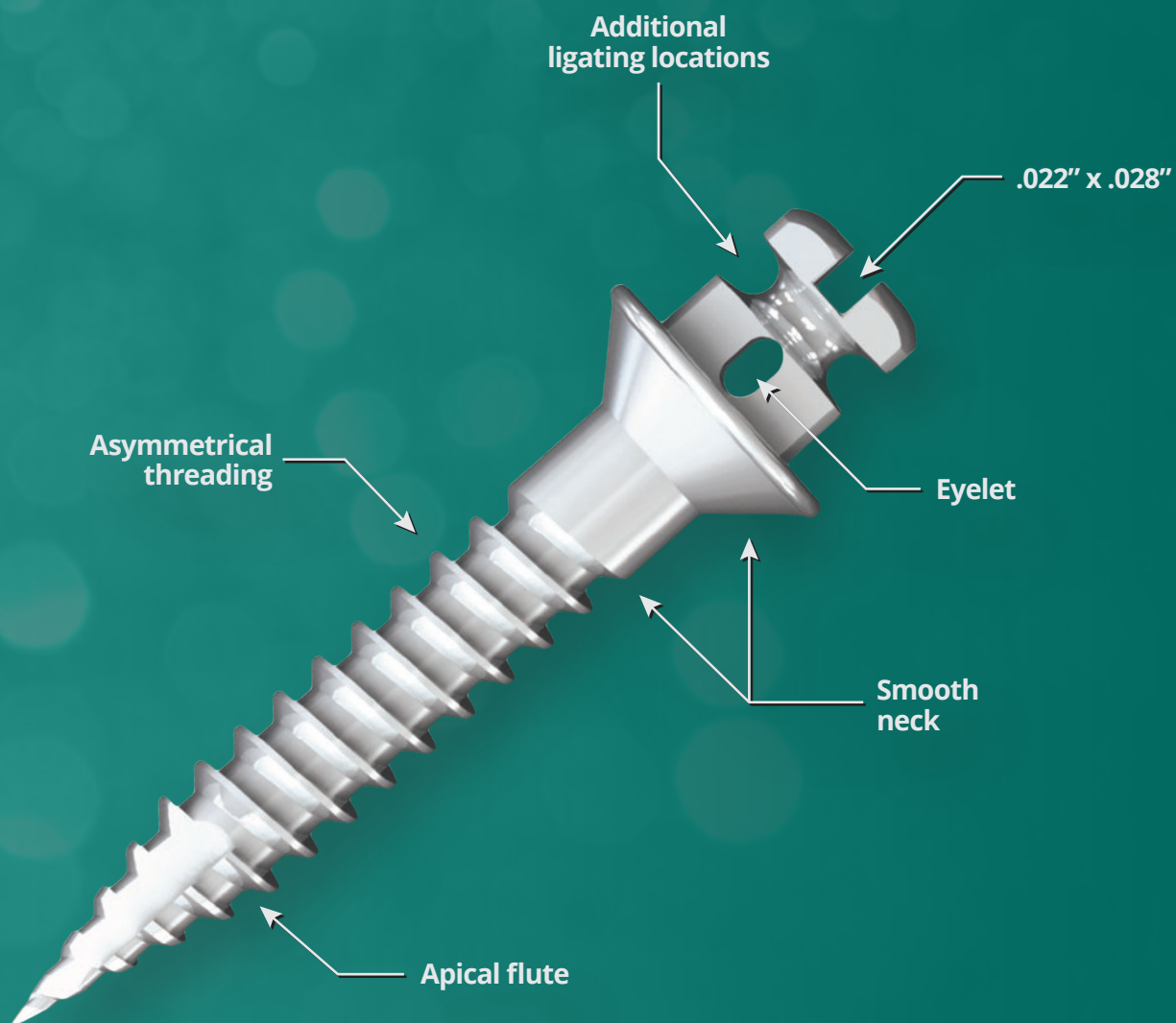
Construction from Grade 5 Titanium assures stability and allows use on nickel sensitive patients.

VERSATILE




The versatility of the Storm™ Mini-Screw is demonstrated by the presence of several different ligation options:

- Slot on the head of the Mini-Screw facilitates anchorage with metal orthodontic auxiliaries
- Eyelet exactly replicates the function of a buccal tube
- Also offers a third ligation option positioned between the slot and the eyelet

The three ligation options are designed to be used concurrently without interfering with each other. Three different sizes provide a correct option in most clinical cases. The transgingival portion of the Storm™ Mini-Screw has a variable length in order to better adapt to the thickness of the mucosa, additionally increasing the flexibility of use.



STORM™ MINI-SCREW

	Diameter	Intraosseous Length	Neck Length	Total Length	Item
	1.5mm	8mm	1.5mm	12.38mm	SAMS12
	2mm	10mm	1.5mm	14.38mm	SAMS14
	2mm	10mm	3mm	15.88mm	SAMS15



STORM™ ACCESSORIES

	In Kit	Item
Surgical Kit		SASKIT
Manual Screwdriver	x	SASKIT-R1
Connector Handpiece 20mm	x	SASKIT-R2
Connector Handpiece 25mm	x	SASKIT-R3
Connector Handpiece 30mm (Optional)		SASKIT-R7
Bur Dia. 1.1mm/Length 7mm	x	SASKIT-R4
Bur Dia. 1.4mm/Length 8mm	x	SASKIT-R5
Screwdriver Shaft 10mm	x	SASKIT-R8
Screwdriver Shaft 20mm	x	SASKIT-R9
Screwdriver Shaft 30mm (Optional)		SASKIT-R10
Screwdriver Shaft 50mm (Optional)		SASKIT-R11
Handle Driver (Optional)		SASKIT-R6

Storm™ Surgical Kit

Plastic case with removable cover, autoclavable at 134° C.

Extraoral

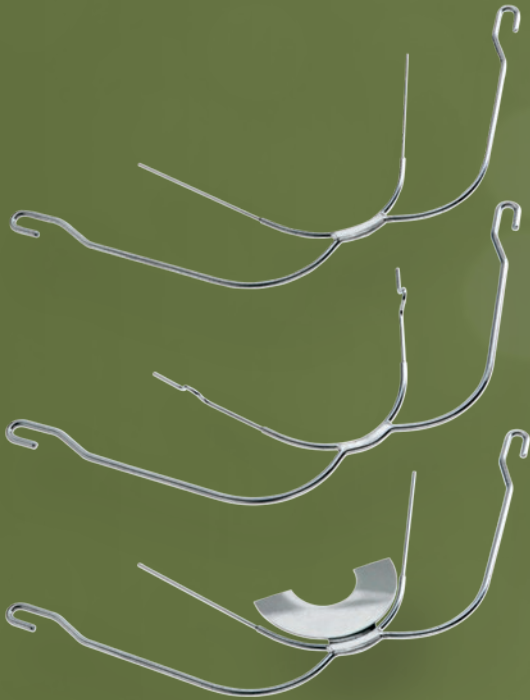
IN THIS SECTION:

Masks & Face Bows 158

Head Gear 162

Masks & Face Bows

Convincing patients to regularly wear their headgear is one of the greatest challenges of a successful treatment. Now you can alleviate patient anxiety with Lancer's fashionable line of extraoral force products. Our cervical, high-pull and combination appliances provide measureable, consistent force levels and feature safety release force modules to avoid dangerous "slingshot" rebound injuries.



FACE BOWS

Constructed of High Quality Stainless Steel.
Laser welded for maximum durability and comfort.

Distal ends of the outer bow are offset to avoid snags on clothing or pillows. Loops are adjustable to bypass bicuspid brackets, which facilitates insertion into the tube. The inner arch length (in millimeters) is measured from the middle of the loop, along the inner arch, to the middle of the opposite loop.

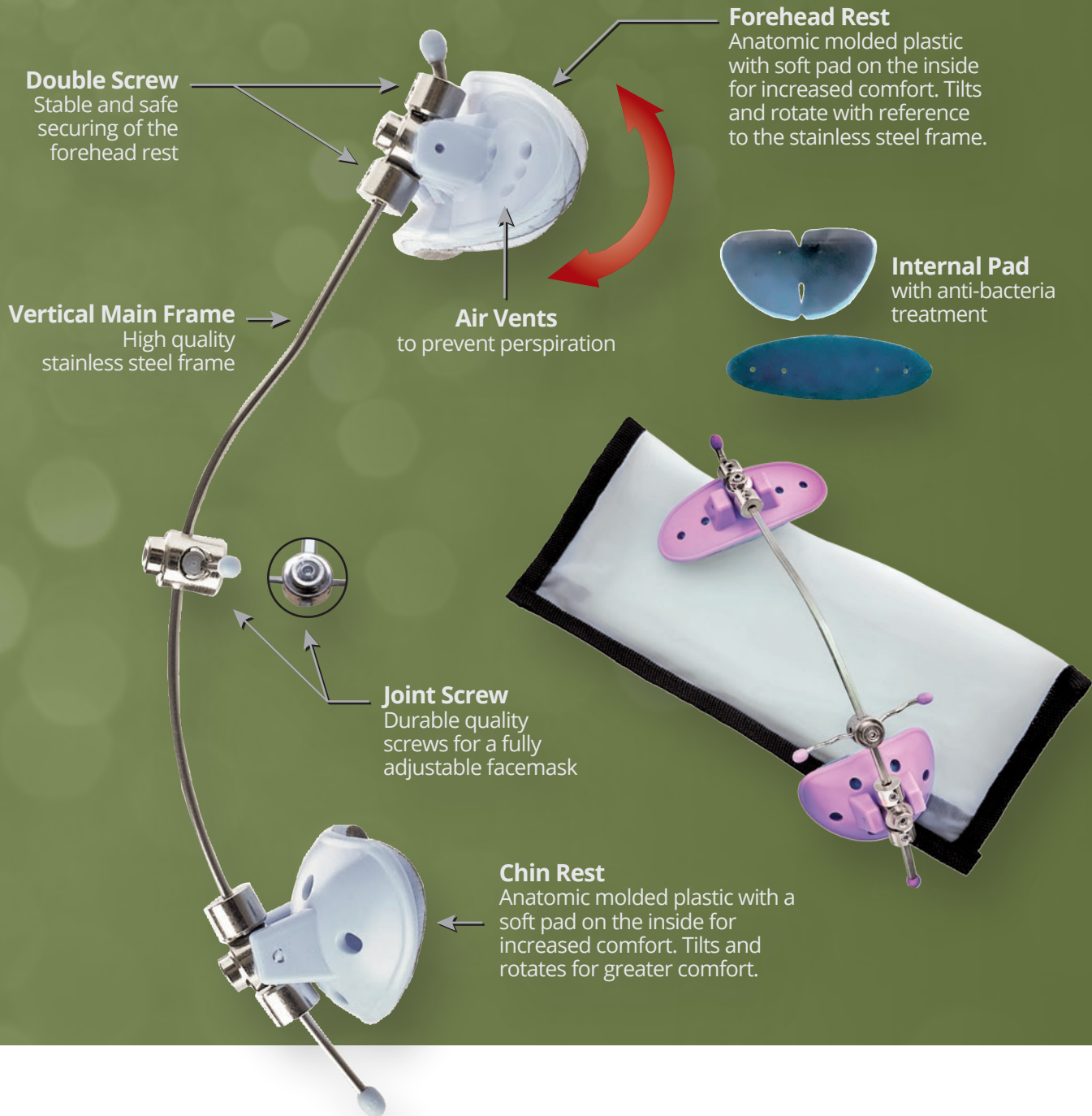
Comfortable anchorage for protraction: the stainless steel frame is softened by hypo-allergenic chin and forehead pads to reduce irritation.

FACE BOWS

Super Short Each	Short Each	Regular Each	Long Each
711-201	711-202	711-203	711-204

FACE BOWS ADJUSTABLE

	Size 1 83mm Yellow	Size 2 90mm Red	Size 3 97mm Pink	Size 4 104mm Blue	Size 5 111mm Green	Size 6 118mm White
Short	711-111	711-112	711-113	711-114	711-115	711-116
Regular	711-211	711-212	711-213	711-214	711-215	711-216



Extraoral



FACE MASK REVERSE PULL ADJUSTABLE

	Each
Face Mask	830-703

FACE MASK PROTRACTION

	Each
Blue	830-704B
Lilac	830-704L

Contains: 1 face mask, 2 refill pads (forehead and chin), 1 allen wrench, 1 carry pouch.

STANDARD FACE MASKS

Bring precision to the treatment with high quality and durable materials.

The solid-color, fully-adjustable face mask is made from high quality, corrosion-resistant stainless steel, medical-grade plastic, non-allergen and medical-grade forehead and chin cup foam pads.



	Each
Blue	830-702
Pearl	830-705
Replacement Pads + Hexagon Key	830-799

Each fully-adjustable face mask comes with replacement pads and a hexagonal replacement key.

PATTERNED FACE MASKS

Appeal to a wider range of patients and allow them to personalize their experience.

Our patterned face masks offer the same features as our standard face masks.

A selection of bright patterns were created to appeal to a variety of patients, making wearing a face mask a more personalized and fun experience, while treating serious cases.



	Each
Abstract	830-716
Camouflage	830-719
Flash	830-718
Flower Power	830-714
Graffiti	830-717
Hearts	830-715
Leopard	830-721
Spider Blue	830-712
Spider Red	830-711
Sunflower	830-713
Zebra	830-720

Each fully-adjustable face mask comes with replacement pads and a hexagonal replacement key.



Abstract



Camouflage



Flash



Flower Power



Graffiti



Hearts



Leopard



Spider Blue



Spider Red



Sunflower



Zebra

Head Gear

HIGH PULL HEAD CAPS

Lancer's high-pull head caps are constructed from a sturdy, fully washable polyester/cotton blend. They are adjustable in 3 different positions: short, medium and long, and feature two hookup tabs. These extremely versatile head caps can be used with any style module.



HIGH PULL HEAD CAP w/ 600g SAFETY MODULE

	Each
Black/Pink	830-306

HIGH PULL HEAD CAPS

	5-Pack
Black/Pink	830-123
Black/Black	830-124
Black/Light Blue	830-125
Black/Teal	830-126
Black/Purple	830-127

EQUA-PULL HIGH PULL HEAD CAPS

	5-Pack
Assorted Colors	830-312



HIGH PULL STRAPS

	Extra Small 5-Pack	Small 5-Pack	Medium 5-Pack	Large 5-Pack
Blue	830-512	830-513	830-514	830-515

HIGH PULL COTTON HEAD CAP

	5-Pack
Cotton Cap	830-304

LANCER SAFETY MODULES

	450g 10-Pack	600g 10-Pack
Blue	830-601	830-606
Black	830-602	830-607
Glow		830-608



SAFETY RELEASE MODULES

Skillfully constructed of a robust blue plastic out shell and a spring hardened stainless steel release loop.



WEDGE NECK PAD

	Neck Pad 5-Pack	w/ Module Each
Black	837-130	837-131

CERVICAL HEAD GEAR

Developed by Dr. Wick Alexander, the wedge-shaped cervical neck strap featured on the Wick Wedge cervical head gear is designed to prevent slippage and enhance patient comfort. Developed with patient compliance in mind, the vented design allows for more flexibility and better ergonomics for patients.

The Wick Wedge design is narrow at the top and wider at the bottom of the pad to prevent slippage or sliding down the bottom of the neck, resulting in enhanced patient comfort.

The banana shape and divided sections allow the strap to “flatten” out when placed on the curved area of the neck line. This enables the strap to fit on the neck horizontally and provides a secure fit while eliminating uncomfortable wrinkling. The Wick Wedge is not only comfortable for patients, but also results in a less vertical force vector on the headgear. Titanium modules ensure light, constant forces.

LANCER CERVICAL HEAD GEAR

	5-Pack
Black/Pink	830-113
Black/Black	830-114
Black/Light Blue	830-115
Black/Teal	830-116
Black/Purple	830-117



EQUA-PULL CERVICAL STRAPS

	5-Pack
Assorted	830-311

BLUE DENIM CERVICAL STRAP

	5-Pack
Blue Denim	830-511

EQUA-PULL SAFETY MODULE

	12oz. 10-Pack
Black	830-202



CERVICAL STRAP

	Strap 5-Pack	w/ Module Each
Nylon		830-300
Cotton	830-301	830-302



Instruments

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About Our Instruments

QUALITY INSTRUMENTS FOR EVERY BUDGET

Whether you're watching every expense, looking for high quality, or demand the very best, Lancer offers instruments that will get the job done and look good doing it.



LANCER INSTRUMENTS

Lancer instruments are crafted from surgical stainless steel. Their screw joint design allows for easy tip alignment and adjustments.

These instruments are hand buffed to a smooth, mirror luster for corrosion resistance and are designed to repeatedly withstand all accepted methods of sterilization without losing their aesthetic qualities.

Lancer instruments are available in a wide variety of the most popular designs and configurations. Lancer warrants its instruments to be free of defects in material and workmanship for five (5) years.



STEALTH™ INSTRUMENTS

Constructed from the highest grade surgical stainless steel and the most modern, corrosion resistant materials available, Stealth instruments are designed to withstand all approved sterilization procedures.

Each Stealth instrument is hand-finished and hand-buffed by true craftsmen to ensure the finest quality and performance. Stealth's uniquely effective designs dramatically increase stability without sacrificing range of motion, enhancing control while reducing required force.

The tips and cutting edges are manufactured from hardened steel or tungsten carbide for increased durability and better cutting performance over a longer period of time. Lancer warrants its instruments to be free of defects in material and workmanship for five (5) years.

HIGH QUALITY HAND INSTRUMENTS DESIGNED TO MEET ALL YOUR NEEDS AND PREFERENCES AT AN AFFORDABLE PRICE

Recognizing the fact that satisfied customers are our strongest asset, Lancer Orthodontics has dedicated the past 50 years to manufacturing the highest quality orthodontic products in the industry. High quality means that we use only the finest raw materials and the latest manufacturing and finishing techniques. Each of our instruments is thoroughly inspected and tested to ensure perfect alignment and balance, a meticulous dedication to perfection that positions Lancer as a trusted manufacturer with loyal customers the world over.

THE LANCER WARRANTY

Lancer instruments are warranted to be free of defects in material and workmanship for five (5) years from the date of purchase. Failure to follow proper and recommended use, maintenance and sterilization procedures will void warranty claims. Warranty does not cover routine maintenance, sharpening, or reconditioning.



WHY CHOOSE INSTRUMENTS WITH REPLACEABLE TIPS?

As much as we would like to craft instruments that are impervious to whatever you might throw at them, the reality is that all instruments are susceptible to wear. This can mean that your most used and relied-upon instruments wear out faster.

You can either plan to replace your worn instruments on a regular basis, or you can invest in instruments with replaceable tips, allowing the worn "contact" portion of the instrument to be revitalized with new "fresh" tips.

NOT SURE WHICH INSTRUMENT TO USE? TALK TO YOUR LANCER REPRESENTATIVE

Looking for the right instrument for a specific need, but not sure what that is? Contact one of our friendly and knowledgeable customer care representatives today.


At Lancer, we want to help you find the right solution for your needs.


CLEAN YOUR INSTRUMENTS


For optimal performance, we recommend to clean and sterilize with ultrasonic equipment and steam autoclave. Never use stain or tartar remover on instruments. It is not recommended to use disinfectant spray on the surface of the instruments.

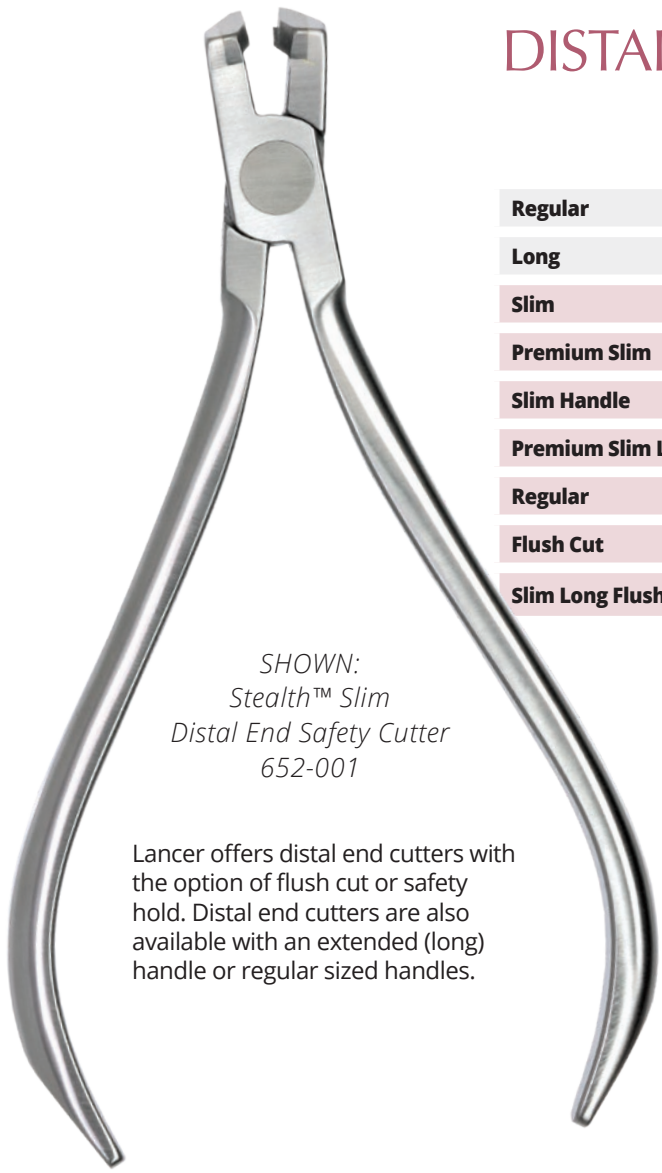
DISTAL END SAFETY CUTTERS

	Tungsten Carbide Inserts	Lancer	Stealth™
Regular		626-122	
Long		626-122L	
Slim	x		652-001
Premium Slim	x		652-001HD
Slim Handle	x		652-002
Premium Slim Long	x		652-002HD
Regular	x		652-101
Flush Cut	x		652-102
Slim Long Flush Cut	x		652-188


Rectangular
 .022 x .027


Round
 .020


Braided
 .016



SHOWN:
 Stealth™ Slim
 Distal End Safety Cutter
 652-001

Lancer offers distal end cutters with the option of flush cut or safety hold. Distal end cutters are also available with an extended (long) handle or regular sized handles.



WIRE CUTTERS

Lancer's wire cutters have a variety of maximum cutting capacities up to .022x.028. Certain wire cutters are available with a 15 degree offset for easier access.

	Tungsten Carbide Inserts	Lancer	Stealth™
Hard Wire Cutter - 15 Degree		626-1000HWB	
Hard Wire Cutter		626-121	
Hard Wire Cutter	x		652-006
Premium Hard Wire Cutter	x		652-006HD
Regular w/ Spring	x		652-109


Hard Wire (Round)
 .020


Hard/Soft Wire
 1.5mm



SHOWN:
 Stealth™ Hard Wire Cutter
 652-006

PIN AND LIGATURE CUTTERS



SHOWN:
Stealth™ Regular
Pin and Ligature Cutter
652-003

	Tungsten Carbide Inserts	Lancer	Stealth™
45 Degree		626-117	
15 Degree		626-118	
7 Degree		626-119	
Micro		626-120	
Regular	x		652-003
Premium	x		652-003HD
Miniature	x		652-004
Premium Miniature	x		652-004HD
45 Degree	x		652-005
Regular w/ Spring	x		652-104
Miniature w/ Spring	x		652-105

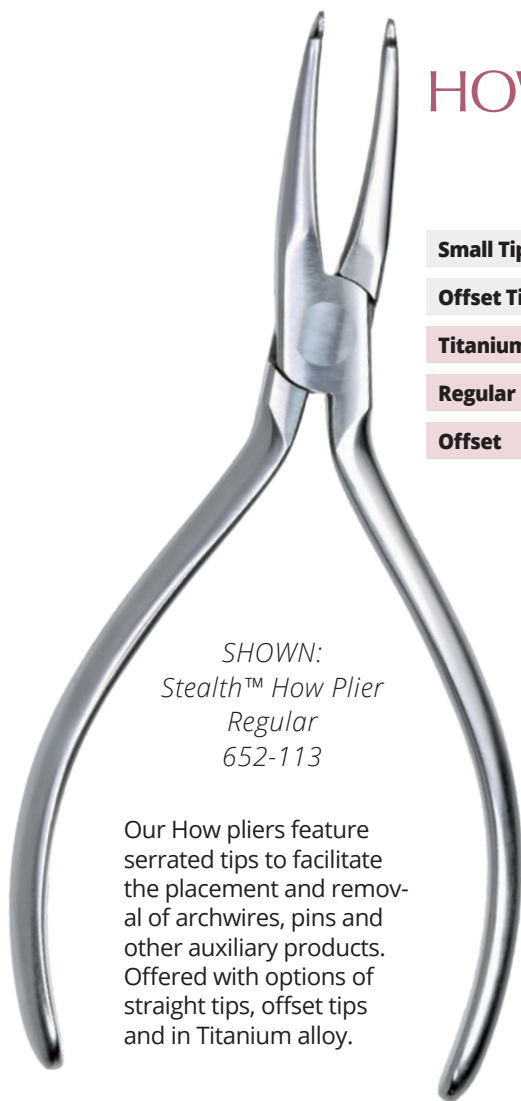
Soft Wire
.015

Ligature Wire
.016

Lancer's pin and ligature cutters are available with standard or mini sized tips, or with a 45 degree angle for easier access to the posterior of the mouth. The options of an extended (long) handle or the standard sized handles are also available.



HOW PLIERS



SHOWN:
Stealth™ How Plier
Regular
652-113

Our How pliers feature serrated tips to facilitate the placement and removal of archwires, pins and other auxiliary products. Offered with options of straight tips, offset tips and in Titanium alloy.

	Tungsten Carbide Inserts	Lancer	Stealth™
Small Tips		626-123	
Offset Tips		626-140	
Titanium Alloy			652-112
Regular			652-113
Offset			652-115

Tip Diameter
1/8"
(3.2mm)



WEINGART PLIERS

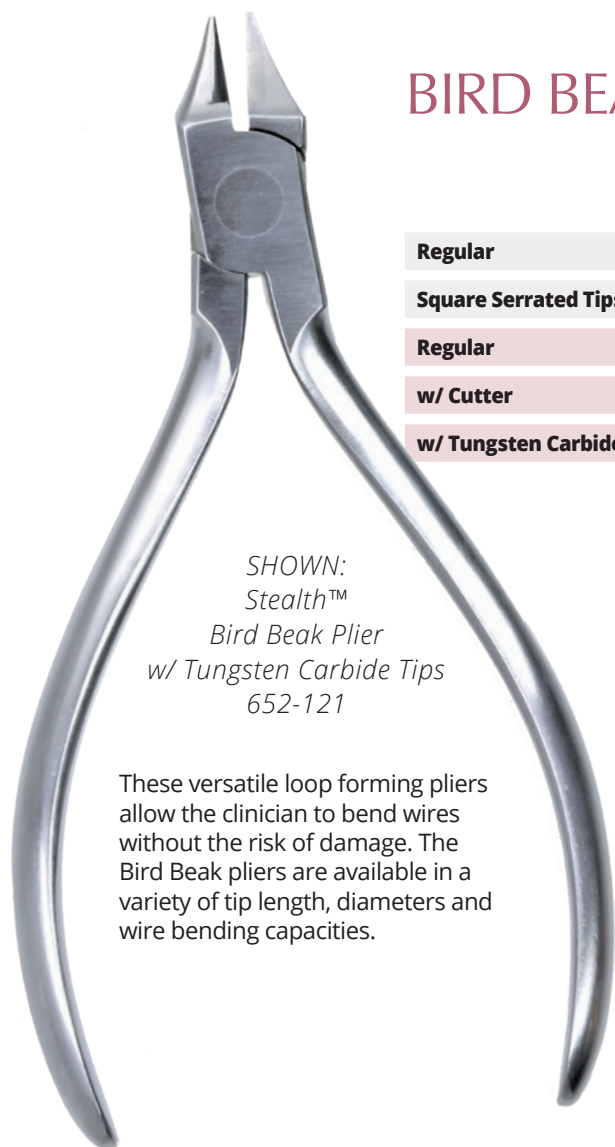
	Tungsten Carbide Inserts	Lancer	Stealth™
Angled		626-124	
Regular			652-117
w/ Tungsten Carbide Tips	x		652-118



SHOWN:
Stealth™ Weingart Plier
w/ Tungsten Carbide Tips
652-118

Our versatile Weingart pliers are primarily used for insertion and removal of archwires. Options of straight, angled or tapered tips are available, as well as tungsten carbide.

BIRD BEAK PLIERS



*SHOWN:
Stealth™
Bird Beak Plier
w/ Tungsten Carbide Tips
652-121*

These versatile loop forming pliers allow the clinician to bend wires without the risk of damage. The Bird Beak pliers are available in a variety of tip length, diameters and wire bending capacities.

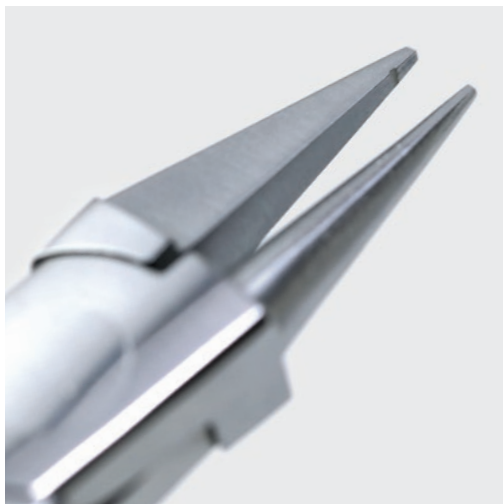
	Tungsten Carbide Inserts	Lancer	Stealth™	Max Bending Capacity .030
Regular		626-129		
Square Serrated Tips		631-023		
Regular			652-009	
w/ Cutter			652-120	
w/ Tungsten Carbide Tips	x		652-121	

GOOSE NECK PLIERS

	Stealth™
Regular	652-184

LIGHT WIRE PLIERS

	Tungsten Carbide Inserts	Max Bending Capacity	Stealth™
w/ Grooved Square Tip		0.018	652-124
Regular	x	0.020	652-126



*SHOWN:
Stealth™ Light Wire Plier
w/ Grooved Square Tip
652-124*

These versatile loop forming pliers allow the clinician to bend wires without the risk of damage.





SHOWN: Stealth™ Tweed Loop Forming Plier · 652-129

LOOP FORMING PLIERS

	Max Bending Capacity	Lancer	Stealth™
Regular		626-127	
Regular - Replacement Tip		626-352T	
Optical Plier		631-301	
Loop Forming w/ Replaceable Tip	.022 x .028		652-011
Loop-Forming 2-Step Replacement Tip			652-135
Tweed Loop Forming Plier	0.022		652-129
Jaraback Plier	0.020		652-128
Loop Forming Plier	0.022		652-131

These pliers are ideal for forming helical loops and intraoral tip back bends. Some of these pliers have removable replacement tips. The maximum bending capacity ranges from .020 to .022x.028.

FORMING PLIERS

Hollow Chop pliers are used for subtle contouring of the archwire up to size .030 and forming palatal arches. Lingual arch forming pliers are developed to form Double and triple bends in the lingual archwire.

	Max Bending Capacity	Lancer	Stealth™
Hollow Chop Plier		626-126	
Lingual Arch Forming Plier		626-130	
Hollow Chop Plier	0.022		652-014
Arch Forming Plier - Grooved			652-149



SHOWN: Stealth™ Hollow Chop Plier · 652-014

WIRE BENDING PLIERS

	Max Bending Capacity	Lancer	Stealth™
Three Jaw Plier		626-125	
Tweed Plier		626-136	
Stop Plier		626-103	
Tweed Arch Bending Plier	0.022		652-012
Nance Closing Loop Plier	0.022		652-136
Adams Plier	0.030		652-141
Heavy Three Jaw Plier	0.036		652-013
Three Jaw Plier	0.028		652-139
Wire Bending Plier	.028 (0.7mm)		652-144
Stop Plier	0.025		652-142



SHOWN:
Stealth™ Three Jaw Plier
652-139

Lancer's three-jaw pliers are designed for contouring and forming all archwires, especially NiTi wire. Nance pliers allow the clinician to form precise loops of various sizes in rectangular wire.



SHOWN: Lancer
Hook Crimping Plier · 626-115

CRIMPING PLIERS

	Lancer	Stealth™
Hook Crimping Plier	626-115	
Hook Crimping Plier		652-017

LIGATING INSTRUMENTS

	Lancer	Stealth™
Mathieu - Ultra Fine Tip - Straight	626-138	
Mosquito Hemostat	626-306	
Mathieu Hemostat		652-024
Elastic Placing Plier - Hook Tip		652-154
Ligating Plier		652-155
Ligature Director		652-125
Ligature Tying Plier - Coon Style		652-023



The Mathieu and Mosquito hemostats feature tapered serrated tips and locking handles especially designed for the ligation process. These features allow the clinician to firmly grip ligatures without intruding into the lumen. Coon Style ligature tying pliers are designed to automatically lock wire ends as tips spread when tying preformed steel ligatures.



SHOWN:
Stealth™ Mathieu
Hemostat
652-024

DEBONDING INSTRUMENTS

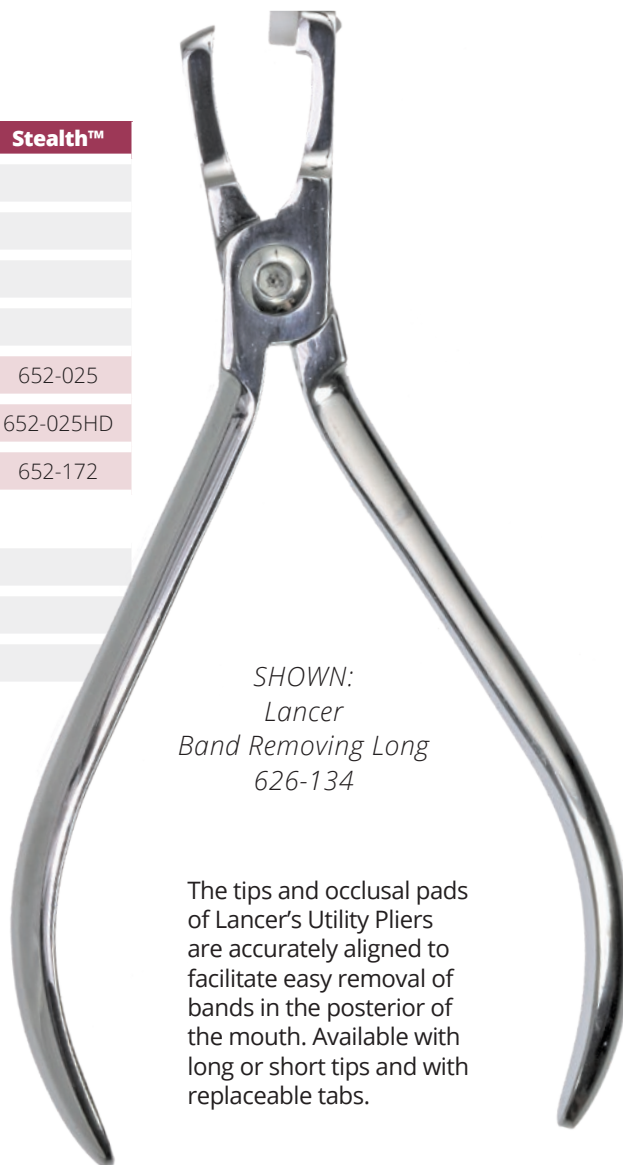
	Lancer	Stealth™
Bracket Removing Plier	626-135	
Bracket Removing Plier - Replacement Blade 2/pk	626-135T	
Bracket Removing - Straight	626-346	
DB Bracket Removing Plier - Angled		652-019
DB Bracket Removing Plier - Straight		652-020
Adhesive Removing Plier		652-183
Adhesive Removing Plier - Replacement Tip		652-185
Bond Removing Plier		652-021

Lancer's bracket removal pliers are specifically designed to debond brackets with minimal force and patient discomfort. These pliers are available with straight or angled tips for optimal ergonomics.

BAND TOOLS

	Lancer	Stealth™
Band Removing Short	626-133	
Band Removing Long	626-134	
Replacement Pad 4.6mm 3/Pk	626-134T	
Band Seater / Utility Instrument	626-312	
Posterior Band Removing Plier		652-025
Premium Band Removing Plier		652-025HD
Posterior Band Removing Plier Long		652-172

Band Pusher	631-307	
Band Pusher Blue	631-114	
Band Pusher Green	631-115	



*SHOWN:
Lancer
Band Removing Long
626-134*

The tips and occlusal pads of Lancer's Utility Pliers are accurately aligned to facilitate easy removal of bands in the posterior of the mouth. Available with long or short tips and with replaceable tabs.

BRACKET TOOLS

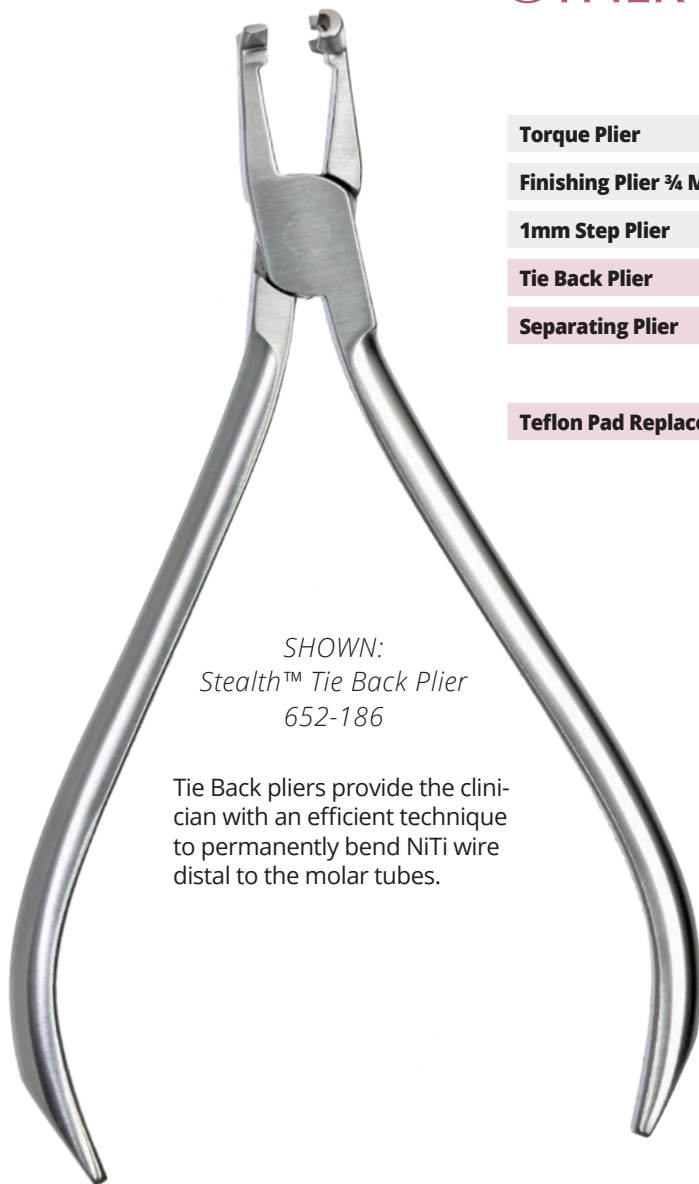
	Lancer	Stealth™
Deluxe Bracket Holder	626-102	
Bracketizer	626-104	
Bracket Positioning .018	631-316	
Bracket Positioning .022	631-317	
Gram Gauge - Dontrix 500Gm	631-320	
Boon Bracket Positioning Gauge		652-152

TWEEZERS

	Lancer	Stealth™
Keat Tweezer	626-116	
Bracket Placing Tweezer - Chrome	626-100	
Bracket Placing Tweezer - Satin	626-309	
Bracket Placing Tweezer - Slim	631-330	
Bracket Placing Tweezer		652-018

OTHER INSTRUMENTS

	Lancer	Stealth™
Torque Plier	626-131	
Finishing Plier ¾ MM	626-150	
1mm Step Plier	626-101	
Tie Back Plier		652-186
Separating Plier		652-182
Teflon Pad Replacement 3/Pk		652-175



SHOWN:
Stealth™ Tie Back Plier
652-186

Tie Back pliers provide the clinician with an efficient technique to permanently bend NiTi wire distal to the molar tubes.



MISCELLANEOUS

	Lancer
Bite Stick-Heat Sterilizable 1/Pk	631-111

SELF-LIGATING BRACKET INSTRUMENT

Stealth™

Stealth™ Self-Ligating Instrument

652-028



ORTHOBOX™

Lancer's OrthoBox™ provides a safe and efficient way to handle, carry and sterilize instruments.

- Manufactured of high-quality stainless steel with a rust-resistant anodized aluminum cover
- Can be inserted directly into autoclave
- Hold up to 14 instruments
- 9.85 in x W 5.5 in H 2.4 in,
(L 25 cm x W 14 cm x H 6 cm)

Blue	626-323
Red	626-324
Green	626-325
Yellow	626-326



Miscellaneous

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NUFLAVOR ALGINATE FLAVORING

The pleasant taste and aroma does not affect the mixing or set -up times of the alginate. Each 2 ounce bottle provides approximately 175 full arch impressions.

	2 oz Bottle
Strawberry	801-101
Cherry	801-102
Mint	801-103
Bubblegum	801-104
Cola	801-105
Piña Colada	801-106
Root Beer	801-107
Raspberry	801-108
Grape	801-109
Butterscotch	801-110
Orange	801-111
Cinnamon	801-112
Watermelon	801-113
Banana	801-114
Chocolate	801-115
Vanilla	801-116
Blueberry	801-117
Peach	801-118
Apple	801-119
Caramel	801-120
Cotton Candy	801-121
Fruit Punch	801-122



Thera-Bite Wafers

Box of 200

Regular Flavor

860-131

Mint Flavor

860-132

Chewing something hard immediately following an appliance adjustment loosens the tightly grouped fibers around the nerves and blood vessels, and subsequent pain and discomfort are eliminated or minimized greatly. Thera-Bite wafers can also be used to stabilize the jaw during the debonding process.



Cephalometric Tracing Paper

The sheets are available in the best white matte acetate finish. Ideal for cephalometric tracings. Available in pads of 100 sheets (20.3x25.4 cm)

Pad

900-303



Disposable Archwire Markers

	Pack of 100
Red	LD600-401
White	LD600-402



CHEEK RETRACTORS

Double Ended - Medium Size

	Each
Medium Cheek Retractor	860-105

RETAINER CASES

A protective case to fit most dental and orthodontic appliances.



	Regular 2.5cm 10-Pack	Deep 3.8cm 10-Pack
Assorted	825-100	
Yellow	825-101	825-111
Green	825-102	825-112
Red	825-103	825-113
Blue	825-104	825-114
Black	825-105	
Turquoise	825-106	
White	825-107	
Assorted Neon	825-500	
Neon Green	825-501	825-511
Neon Pink	825-503	825-513
Neon Purple	825-504	
Neon Tangerine	825-505	825-514
Neon Orange		825-512

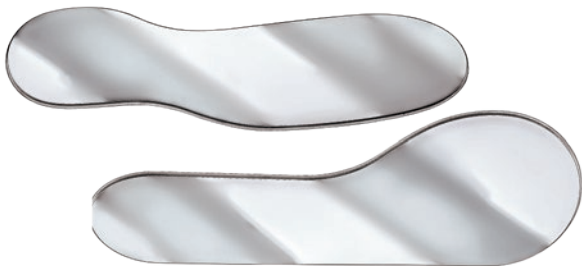
MIRRORS

Photography mirrors are an indispensable part of the record taking procedure. Our highly polished angled metal mirrors are a full 1 mm thick. All mirrors are surface treated to eliminate fogging allowing undistorted photographs that reflect the patient's natural color.



Flat Occlusal Mirrors

		Each
Small	Pediatric Jaw Lateral	900-310
Large	Adult Jaw Lateral	900-311
X-Large	Universal	900-312



Flat Buccal Mirrors

		Each
Lateral	Pediatric Buccal Lateral	900-313
Lingual	Adult Buccal Lateral	900-314



Angled Occlusal Metal Mirrors

		Each
Small - Occlusal - Angled		900-315



Angled Buccal Metal Mirrors

		Each
Buccal - Angled		900-317

Patient Home Care Kits

Provides the items your patients need to keep their braces clean, all in a convenient compact case.

Includes (1 each): floss, patient relief wax, regular toothbrush, travel toothbrush, mouth mirror, travel proaxbrush, stimulator brush, and floss threaders.

	Each
Blue	826-01
Red	826-02
Purple	826-03
Green	826-04



Relief Wax

Softens quickly with the warmth of your fingers, easily applied and molded to site of irritation for temporary relief. Packs of 6.

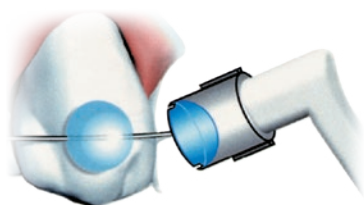
Box of 100
860-111



Lip Protector

Easy-to-use. Eliminates wax and reduces laceration and infection.

Pack of 10
5 Upper / 5 Lower
861-201



BONDER SYSTEM

The Bonder System is a practical system that allows the clinician to make a series of accessories directly in the patient's mouth (retainer, brackets, buttons etc.) in a few seconds using a light cure adhesive.

Bonder System Starter Kit

24 Pieces	
Starter Kit	863-002
3 per type (2 new mold) and 2 handles	
Mold handle - Plain	863-011

Mini-Molds (Packs of 10 w/ Handle)					
863-004	863-005	863-006	863-007	863-008	863-009



Brackets



Habit Control



Bite Ramp



Button



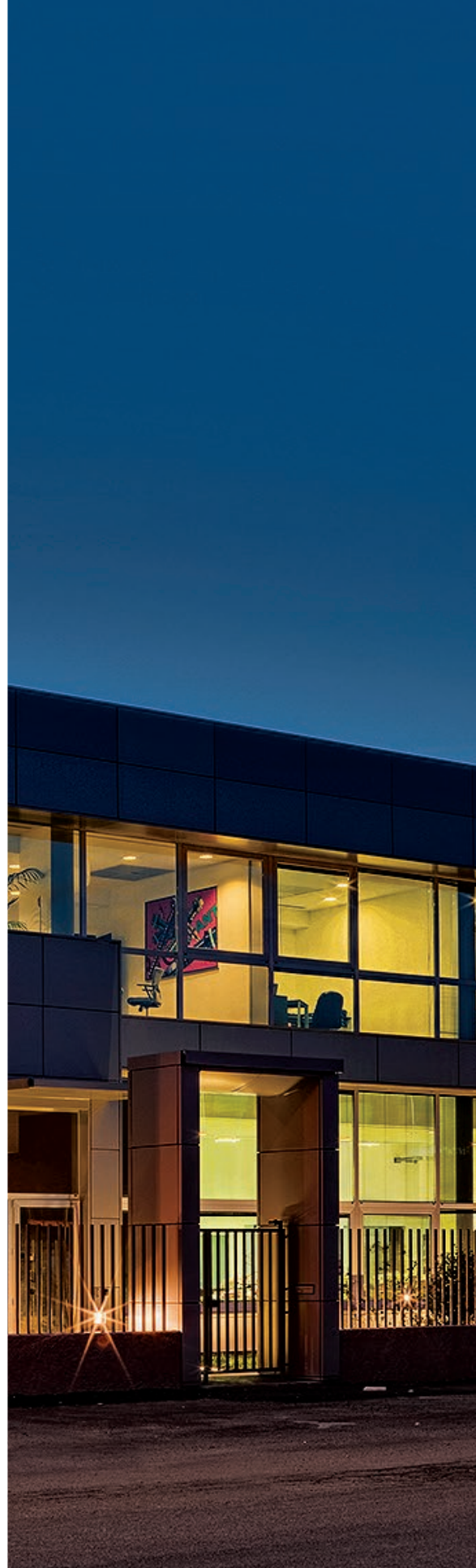
Wire - Large



Wire - Small



MEXICO



ITALY

Lancer Orthodontics

is an international manufacturer and distributor of high quality orthodontic appliances. We are headquartered in the United States with manufacturing facilities in Mexico and Italy.



UNITED STATES

About Lancer

OUR STORY

In the mid-1960s, orthodontic treatment was a rudimentary and cumbersome practice, limited by antiquated product designs and technologies.

Recognizing the demand for more effective solutions, a team of experienced industry leaders founded Lancer Orthodontics in 1967 to design, manufacture and distribute high-quality, affordable orthodontic appliances throughout the world.

With a focus on developing innovative appliances that simplified treatments while providing superior results, Lancer Orthodontics became the first orthodontic manufacturing company to produce ceramic aesthetic brackets and pre-formed molar bands. These products quickly became industry standards, and Lancer emerged as a respected industry leader with a reputation for producing contemporary new products that advance the science of orthodontics.

OUR PRODUCTS

Today, our popular Titanal™, Praxis™, Optyc™ and Velocity™ product lines stand as the proud centerpieces of 50 years of hard work, dedication and service to our customers. The Lancer brand is recognized and respected throughout the world – a distinguished reputation built on a continuing foundation of quality products at affordable prices, backed by exceptional customer care.

At Lancer, our passion for effective orthodontic solutions results in beautiful, radiant smiles from doctors and patients on a daily basis. For the past 50 years, our products have made a real difference in the everyday lives of millions of people. Our mission, today, is to continue to make our founders' vision a reality for another 50 years.



OUR COMMITMENT

Our products are manufactured under a stringent quality management system that is compliant with the latest international laws and regulations that govern the manufacture of medical devices.

These include the US FDA's Current Good Manufacturing Practices 21 CFR 20, the European Medical Devices Directives 93/42/EC (as amended), and the latest revision of ISO 13485 - Medical devices - Quality management systems - Requirements for regulatory purposes. Lancer's dedication to quality gives our customers the assurance that they will receive products of consistently high quality, with increased assurances that their individual needs and expectations will be met.

Lancer is proud to be an original member of the prestigious Orthodontic Manufacturers Association (OMA), and is also an active member of the American Association of Orthodontists and the American Association of Orthodontists Foundation (AAOF). These memberships allow Lancer to keep its finger on the pulse of the orthodontic industry's latest trends, and to develop products that result in long-lasting, trusting relationships with our loyal customers around the world.



Manufacturing

Lancer Orthodontics designs and manufactures its orthodontic appliances under a certified quality management system using a variety of manufacturing techniques to ensure the highest quality and functionality.



METAL INJECTION MOLDING (MIM)

MIM technology offers a manufacturing capability for producing small, highly complex parts with tolerances as small as 0.0005 inches. The MIM process utilizes fine metal powders which are custom formulated with a binder to create a feedstock which is granulated and then fed into the cavity of a conventional injection molding machine.

The advantages of the MIM process lie in its capability to produce mechanical properties with good dimensional tolerance control. Metal injection molded parts offer a nearly unlimited shape and geometric-feature capability, with high production rates possible through the use of multi-cavity tooling.

Lancer has taken MIM manufacturing one step further... robotics. Using the latest in robotic MIM manufacturing technology, Lancer's brackets are created to meet exact design specifications for a robust, high-quality, dimensionally accurate appliance.



CASTING

Lancer is one of the few remaining orthodontic manufacturers to perform a traditional lost-wax casing process to manufacture metal orthodontic brackets. The craftsmanship involved in this centuries-old process has been handed down for generations, and results in precisely-constructed devices that perform as intended for maximum treatment results.



MILLING

Lancer uses a precision milling process on each bracket to form exact archwire slots. This allows for full expression of the prescription by creating a dimensionally accurate, highly functional bracket each and every time.



CERAMICS

Lancer Orthodontics is still celebrated as the first company to mass-produce high quality, competitively priced ceramic brackets. We use precision grinding/milling techniques to match CAD/CAM-generated templates, achieving an ultra-high degree of accuracy to create beautifully aesthetic brackets with the strength and functionality to ensure successful treatments.



BAND FORMING

Lancer continues to be at the forefront of molar and bicuspid band manufacturing. Using automated stretching techniques and hand-craftsmanship, Lancer manufactures bands to a precision-shaped tooth anatomy for a tight, secure fit with excellent retention.



SAND BLASTING

Lancer uses sand blasting technology to individually hand-etch the inner diameter of each metal band to ensure a rough surface for proper adhesion to the tooth. Each band is precisely stretched to the correct anatomy to facilitate a "snap-tight" fit.



WELDING

Our skilled, highly experienced team of welding operators specializes in hand-welding a variety of orthodontic components, including tack welding foil mesh bases to our two-piece brackets, and custom welding complicated assemblies involving multiple components to meet our customers' exact specifications.



MESH BASE

Lancer's traditionally popular 80-gauge woven foil mesh pads are precisely brazed to the base of the bracket, allowing for full and proper functionality of the built-in prescription. Designed to accommodate the increased bond strength demanded by today's smaller appliances, Lancer's foil mesh pads give the clinician complete confidence to treat even the most challenging cases.



ACCU-GRIP™ BASE

Designed for superior bond strength, Lancer's state-of-the-art Accu-Grip™ bases feature miniature grip blocks that are engineered for increased retention. These miniature blocks create geometric undercuts when bonded, and securely grip the adhesive, providing bond retention equal to or greater than mesh bonding pads.

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- Various languages spoken for your assistance

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Lancer Orthodontics
2726 Loker Avenue West
Carlsbad, California 92010 (U.S.A.)

CONTACTS

Customer Service

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Order Policies

PRICING AND POLICIES

Lancer Orthodontics is constantly striving for continual improvement in all areas, including the quality and design of our products. Our improvement efforts sometimes result in product modifications that we feel improve the safety and/or performance of the product. Therefore, Lancer Orthodontics reserves the right to modify the design of a product, discontinue production of a product, or adjust the price of a product without prior notice of obligation. All prices are in U.S. funds and are subject to change without notice. Each invoice may be assessed with applicable service, handling and administrative fees.

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To help process your return quickly, please note our following policy:

- Items must be returned unused and in their original container or package, in clean and salable condition and must be approved by Lancer customer service.
- A copy of the invoice or invoice number, a description of the problem and a RA# must accompany all returns.
- Products may be returned for credit of the purchase price within 30 days of date of shipment.
- At the option of Lancer, certain products returned for credit may be subject to a 20% restocking charge.
- All returns must be shipped postage paid and insured.
- Shortages or errors in shipments must be reported within 15 days of invoice date to issue credit (if applicable).

The following products are not returnable

- Custom made and those produced on special order
- All pre-welded attachments including standard, special placement, angulations and modified or incomplete materials
- Hazardous items and chemical products
- Expired items
- Certain close-out and sale merchandise

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All domestic and international orders are shipped via Federal Express or customer's personal UPS account unless a specific carrier is preferred and approved prior to ordering. Alternate shipping services are available including express or overnight shipping where available – please call for more information.

All orders are shipped FOB point of origin. All shipping and handling charges are the sole responsibility of the purchaser. In the event a purchaser requests a delivery service with which Lancer does not have a service contract, the shipment will be made collect and charged to the purchaser's account with the specific service.

WARNING

A small percentage of the population is known to be allergic to nickel and/or chromium. Many of our products are made of nickel titanium and/or stainless steel. Nickel titanium contains nickel, and stainless steel contains nickel and chromium. Also, cobalt chromium contains chromium and nickel. Please advise patient to consult a physician if an allergic reaction occurs.



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