

PLIERS





American Orthodontics
americanortho.com
(800) 558-7687

Dentaurum
dentaurum.com
(800) 523-3946

Dentronix Inc
dentronix.com
(800) 523-5944

DENTSPLY
Raintree Essix
essix.com
(800) 883-8733



				
Product name	Luno	Premium Line	DE231 Bracket Debonder	Hilliard Thermoplier® Pliers
Manufacturing method	Forged	Forged	Vacuum Cast	Forged
Where are they made?	United States	Germany	United States	Mexico
Body material	Surgical-Grade, Corrosion-Resistant Stainless Steel	German-origin Stainless Steel with a satin finish	Stainless Steel	SS410 Stainless Steel
Tip material	Tool Steel	Hard steel with Tungsten Carbide inserts	Tungsten Carbide	SS410 Stainless Steel
Carbide inserts?	No	Yes	Yes	No
Joint type	Screw, Seamless Joint	Lap and Box, depending on type	Box	Box, Screw
Finish	Two-Toned Signature Finish	Satin	Mirror	Mirror, Polished, Satin
Length of warranty	10 years	10 years	3 years	Replacement only
What does the warranty cover?	Corrosion and material defects	Materials and workmanship. Please contact Dentaurum for further details.	Manufacturing defects, corrosion	Replacement only
Free repair or replacement?	N/A	N/A	Free repair, free replacement	Free replacement
Are custom designs available?	No	No	No	No
Special features	Luno is hand-tested to ensure corrosion resistance. The Tool Steel Inserted Blade provides durability for continuous use. Luno's distinctive style immediately identifies your high-quality instrument and ensures a long cutting life.	The Dentaurum Premium Line of instruments feature high-quality materials and have an ergonomic design.	Includes silicone bumper for scraping adhesive.	The Hilliard Thermoplier® Pliers are used to create or modify force points, to create space, to create slots, or to form hooks in aligners. Force points generate pressure and guidance to move teeth into their desired positions.

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Forestadent USA
forestadentusa.com
(800) 721-4940

Franklin Dental Supply
franklindentalsupply.com
(516) 783-8700

Great Lakes Orthodontics Ltd
greatlakesortho.com
(716) 871-1161

LeoneAmerica - A Division of
American Tooth Industries
americantooth.com
(800) 628-1437



Product name	PDS NiTi Bending Pliers	Mini Pin and Ligature Cutter	Bird Beak Pliers	Adams Style Laboratory Plier
Manufacturing method	Machined	Forged	Forged	Machined
Where are they made?	Japan	Germany	United States	Italy
Body material	Stainless Steel	Stainless Steel	Stainless Steel	Hand Steel
Tip material	Tungsten Carbide	Tungsten Carbide	Stainless Steel	Tungsten Carbide Inserts
Carbide inserts?	Yes	Yes	No	Yes
Joint type	Two Piece Joint	Box	Box	Box
Finish	Polished	Mirror	Polished	Satin
Length of warranty	3 years	1 year from purchase date	1 year	1 year
What does the warranty cover?	Body of the plier, including tip	Workmanship	Replacement within 1 year	Any and all manufacturing deficiencies
Free repair or replacement?	Free repair, free replacement	Free repair	Free replacement	Free repair, free replacement
Are custom designs available?	No	No	No	No
Special features	The PDS Pliers are sold as right and left, or may be purchased as a set.	It is designed to cut soft wire pins and ligature wire up to .012"/.30 mm. Tungsten Carbide tips ensure long life. Slim profile is a plus in difficult-to-access areas.	Precision aligned with tapered tips for consistent and delicate bending.	Round cone tip of .051". Pyramid beak of .055". For wires up to .061". Excellent plier for Crozat technique.

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Magnum Ortho
magnumortho.com
(800) 336-9710

MidAtlantic Ortho
midatlanticortho.com
(800) 255-3525

Ortho Classic
orthoclassic.com
(866) 752-0065

OrthoEssentials
orthoessentials.net
(215) 396-3803 or
(866) 517-3257



				
Product name	Pliers	Mathieu for Elastomerics Single or Double Spring	Ortho Classic Pliers	Imperial Series Pliers
Manufacturing method	Forged	Forged	Forged	Forged
Where are they made?	Germany, United States, Pakistan	United States	United States	United States
Body material	410 or 420 Stainless Steel	German Stainless Steel	Surgical Grade Stainless Steel	Surgical Grade Stainless Steel
Tip material	Carbide or Tool Steel	German Stainless Steel	Surgical Grade Stainless Steel	Molybdenum Alloy
Carbide inserts?	Yes	No	No	No
Joint type	Box	Box	Box	Box
Finish	Satin	Satin	Satin	Satin
Length of warranty	5 years for tip, if used per specification	3 years	3 years: materials and workmanship	5 years: cutters; 10 years: non-cutters
What does the warranty cover?	Material defects and workmanship	Elastomeric tip is guaranteed against slippage when using ligature ties or elastomeric chain.	Any defects in materials or workmanship that result in instrument failure.	The warranty covers tip failure, but should the forging crack, we will replace it regardless of the length of time.
Free repair or replacement?	Offered only if product is defective in material or workmanship	Free repair	Free replacement	Free repair, free replacement
Are custom designs available?	Yes	Yes	No	No
Special features	Our pliers are German forgings with box joints for stability. Tips are made of Tungsten Carbide, which cut wires very cleanly and evenly.	Material will not rust or corrode. Instruments are forged with German Stainless Steel. Narrow Tip (serrations on the entire beak), Smaha Tip, Hook Tip also available. Buy six, get one free.	Premium instruments with easy handling, ergonomic design, and laser-engraved part numbers.	All cutting or bending ranges are engraved in the handles, and they all come with finely polished joints.

PLIERS

Ortho Technology Inc
orthotechnology.com
(800) 999-3161

Ortho-Byte
ortho-byte.com
(302) 798-1234

Precision Plier Service
precisionplierservice.com
(800) 229-9060

Rocky Mountain Orthodontics®
rmortho.com
(800) 575-6375



Product name	X7® Orthodontic Instruments	Signature Series Pliers	Precision Plier Service	Distal End Cutter, Safety Hold (small beak)
Manufacturing method	Forged	Forged	Hand Crafted	Forged
Where are they made?	United States—with American and/or German Steel	United States	United States	Germany
Body material	400 Series Surgical Grade Stainless Steel Material Blend	Stainless Steel	Stainless Steel Alloy	Hardened Stainless Steel
Tip material	Stainless Steel	Tungsten Carbide	LX3 Alloy	Hardened Stainless Steel
Carbide inserts?	No	Yes	No	No
Joint type	Lap	Box	Box, Screw	Screw
Finish	Satin	Satin, Polished	Many finish options available	Satin
Length of warranty	Lifetime warranty	6 years	100% Satisfaction Guarantee	5 years
What does the warranty cover?	Materials defects and craftsmanship* (see orthotechnology.com/x7 for details)	Tips against manufacturing defects, breakage pop off, malfunction	N/A	Guaranteed to be free from material defects and workmanship.
Free repair or replacement?	N/A	Free replacement, free repair	Free repair	Free replacement
Are custom designs available?	No	Yes	N/A	No
Special features	Hand crafted through 80% of the process. Stringent quality control for consistent performance and reliability. Contoured corners around joint area for a slim-line look and feel.	Materials, durability, and warranty combined with pricing and service options.	Precision Plier Service has specialized in orthodontic instruments exclusively since 1993. Our craftsmen have produced orthodontic instruments for many of the industry's top brands. Trust the orthodontic instrument experts.	Shear cuts hard wire and then safety holds the loose distal end to prevent wire from going into tissue.