

Pliers Tech Guide

Orthopli Corp
(215) 671-1000
orthopli.com

MASEL
(760) 448-8600
MASELOrtho.com

E A Beck & Co
(800) 854-0153
beckinstruments.com

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

TP Orthodontics Inc
(800) 348-8856
tportho.com

| Product Name | 030-H Light Wire Plier | 600/700 Series NiTi Cinch Plier | Bird Beak Pliers | Bird Beak Pliers | Crimpable Hook Placement Pliers |
|--|--|--|-------------------------------------|--|----------------------------------|
| How are the pliers manufactured? | Forged | Forged | Machined | Forged | Forged |
| Where are the pliers manufactured? | Philadelphia | USA | USA | USA | Third-party manufacturer |
| Body material | Stainless steel | 410 Stainless steel | Surgical stainless steel | Stainless steel | Stainless steel |
| Tip material | Special hardened steel | 410 Stainless steel | Surgical Stainless steel | Stainless steel | Tungsten carbide |
| Carbide inserts? | Yes | No | No | No | No |
| Size | Medium | Medium | Medium | Small | Small |
| Joint type | Box/Lap | Box | Lap | Box | Box |
| Finish | Mirror Satin | Satin | Polished/Plated | Polished | Satin |
| Length of warranty | Lifetime warranty for manufacturer's defects | 5 years | Limited lifetime | 1 year | 1 Year |
| What does the warranty cover? | Breakage and cracks in the forging | 5-year warranty on failure or breakage of inserted tips/ Lifetime guarantee on all forgings | Defects in material and workmanship | Full replacement unless there is evidence of abuse | Craftmanship |
| Does the company offer free replacement or repair? | Free replacement/ Free repair | Free replacement/ Free repair | Free replacement/ Free repair | Neither | Free replacement/ Free repair |
| Are custom designs available? | Yes | No | No | No | No |

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Dentaurum
(800) 523-3946
dentaurum.com

ClassOne Orthodontics
(877) 797-1199
ClassOneOrthodontics.com

LeoneAmerica, a division of
American Tooth Industries
(800) 242-9986
americantooth.com

Ortho Organizers
(760) 448-8600
OrthoOrganizers.com

Dentsply GAC
(800) 645-5530
gacintl.com

| Product Name | Distal End Cutters - Long Handle | Heavy Duty Cutter with T.C. | Heavy Duty Three Jaw Round Plier | O ² Select Miniature Pin and Ligature Cutter | Orthodontic Pliers |
|--|---|------------------------------------|-------------------------------------|---|----------------------------------|
| How are the pliers manufactured? | Machined | Forged | Machined | Forged | Forged |
| Where are the pliers manufactured? | Germany | Europe | Italy | USA | Mexico |
| Body material | Surgical-grade steel | German surgical stainless steel | Stainless steel | Surgical-grade German steel | Stainless steel |
| Tip material | Tungsten carbide | German stainless steel | Stainless steel | Tungsten carbide | Stainless steel |
| Carbide inserts? | Yes | Yes | No | Yes | No |
| Size | Small | Medium | Medium | Small | Medium |
| Joint type | Lap | Box | Box | Box | Box |
| Finish | Satin | Satin | Polished | Polished | Polished |
| Length of warranty | 10 years | 5 years | 2 years | 3 years from date of purchase | 1 year |
| What does the warranty cover? | Everything except sharpening and misuse | Call ClassOne for more information | Defects of workmanship or materials | Please contact manufacturer | Sharpening and minor repairs |
| Does the company offer free replacement or repair? | Free replacement | Neither | Free replacement | Free replacement/ Free repair | Free replacement/ Free repair |
| Are custom designs available? | No | No | No | No | No |

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

RMO Inc
(800) 525-6375
rmortho.com

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

Hu-Friedy
(800) 483-7433
hu-friedy.com

| Product Name | Pantera® Pliers and Cutters | RMO Schweickhardt Instruments | Signature Series | Universal Cut & Hold Distal End Cutter |
|--|--|---|--|---|
| How are the pliers manufactured? | Forged | Forged | Forged | Forged |
| Where are the pliers manufactured? | USA | Germany | USA | USA |
| Body material | 420 Stainless steel | Surgical Stainless steel | Stainless steel | Immunity Steel® (surgical steel with blend of chromium and carbon) |
| Tip material | Custom-blended specialty alloy | High-carbon steel inserts | Tungsten carbide | Immunity Steel |
| Carbide inserts? | No | No | Yes | No |
| Size | Medium | Medium | Medium | Medium |
| Joint type | Box | Box/Screw | Box | Screw |
| Finish | Satin | Polished | Polished | Satin |
| Length of warranty | Lifetime | 5 years | 6 years on the tips, lifetime on the handles | 7 year for cutters and 10 years for utility and wire-bending pliers |
| What does the warranty cover? | Forging breaking, inserted tip debonding, and inserted tip corrosion are covered for life; workmanship covered for 3 years | Defects in materials and workmanship, corrosion and separation of inserts | The warranty for the tips covers manufacturing defects, dullness, breakage, pop-off. The warranty on the handles covers anything that can go wrong under proper use. | Breakage, joint failure, and corrosion under normal use; sharpening and repairing minor tip damage is considered routine maintenance with normal use and is not covered |
| Does the company offer free replacement or repair? | Free replacement | Free replacement | Free replacement/ Free repair | Free replacement/ Free repair |
| Are custom designs available? | No | No | Yes | Yes |