Orthodontic Archwire



RMO PROUDLY MANUFACTURES ARCHWIRE IN THE USA

- Made in The USA, Franklin Indiana
- Certified: FDA, ISO, MDSAP
- 240+ Years Orthodontic Expertise with Current Management Team

- 90+ Years of Excellence Serving Orthodontic Market
- Fast and Reliable Order Fulfillment
- Competitive Pricing
- Dedicated Customer Service

CUSTOM ENGINEERED PREMIUM MATERIALS AND PROCESSES FOR PREDICTABLE CLINICAL RESULTS

XPress™ SE SuperElastic Nickel Titanium

- Complete shape expression material defies distortion
- Meticulously consistent light forces throughout recovery

Compare to:

- American NT3™ SE Ni-Ti*
- Ormco Ni-Ti*
- 3M Nitinol* Classic

TRU-CHROME® Stainless Steel

- Precision drawn from medical grade stainless steel
- Minimal corner-radius for optimal torque translation of wire/bracket
- Polished surface for reduced friction
- Precision laser etched midline

Compare to:

- American Stainless Steel
- Ormco Stainless Steel
- 3M Permachrome*



TRANSFORM™ HA Heat-Activated Nickel Titanium

- · Copper infused alloy for ease of engagement and greater patient comfort
- Light continuous forces at transitional body temperature allows earlier engagement of larger diameter wires

Compare to:

- American TANZO™* Premium Heat Activated
- Ormco COPPER™ Ni-Ti 27° C
- 3M Nitinol* Heat Activated

Bendaloy® Beta Titanium

- Excellent detailing wire allows intricate modification with increased resiliency compared to stainless steel
- Moderate forces fall between Superelastic Nickel Titanium and Stainless Steel
- Nickel free hypoallergenic alloy

Compare to:

- American Beta Titanium*
- Ormco TMA™
- 3M Beta III*

GHOST[™] Aesthetic

- Labial tooth colored PTFE layer for maximum durability and superb aesthetics
- Excellent compatibility with ceramic brackets
- Identical performance and dimensional properties to uncoated wire

Available in:

XPress™ SE NITI and **TRU-CHROME®** Stainless Steel

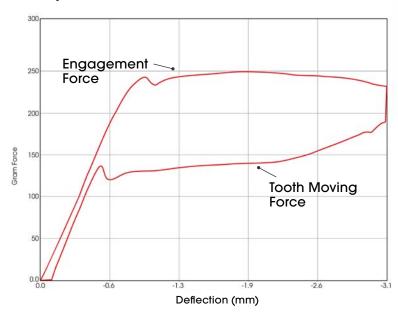
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Dedicated to Quality

- Small batch manufacturing and testing of each production lot
- Three-point deflection testing to ISO 15841:2014 standard
- Consistent forces and predictable tooth movement

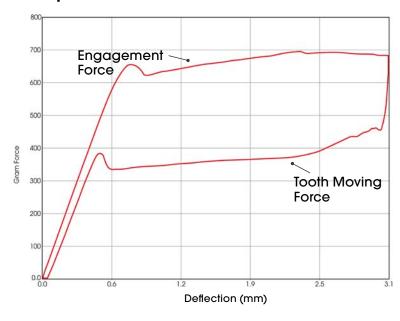
SuperElastic Nickel Titanium .016



Three Point Testing

- Engagement Force = force to engage into bracket slot
- Tooth Moving Force = felt by the patient

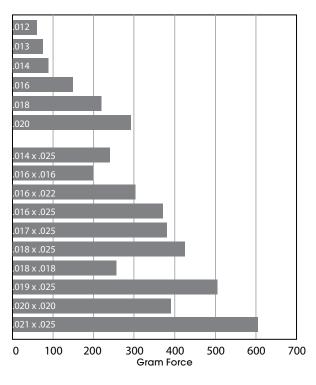
SuperElastic Nickel Titanium .017 x .025



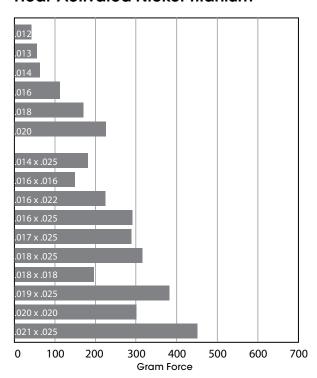


TOOTH MOVING FORCES

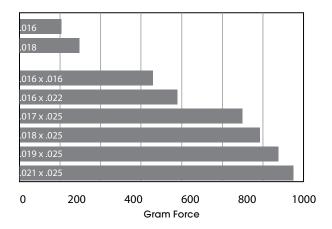
SuperElastic Nickel Titanium



Heat-Activated Nickel Titanium

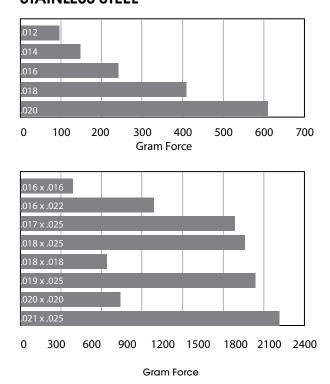


BETA TITANIUM

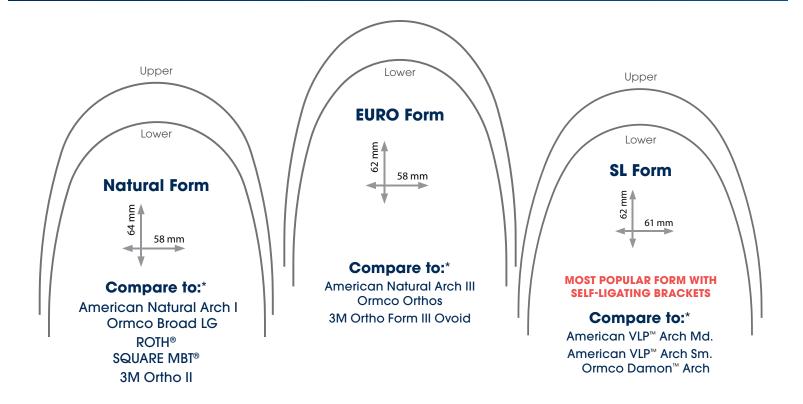


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STAINLESS STEEL



Orthodontic Arch Forms



Arches shown are actual size Wire Sizes Available Note: Some sizes only available 20 mm in certain materials. Upper Upper 0.012 0.013 0.014 0.016 Lower Lower 0.018 0.020 **Tapered Form Standard Form** .014 x .025 .016 x .016 шш mm .016 x .022 65 6 58 mm 63 mm .016 x .025 $.017 \times .025$ $.018 \times .018$ Compare to:* Compare to:* .018 x .025 American VLP Lg. American Bonwill Hawley .019 x .025 American Natural Form II Ormco Standard .020 x .020 Ormco Vari-Simplex Lower Lg .021 x .025 3M Ortho LA

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