NT Arch Wires Overview

Introducing DiaDent’s new NiTi Arch Wires…

• NiTi or Nickel Titanium is a non-toxic, non-magnetic, clinically proven highly biocompatible alloy
• Shape-memory wire that is highly elastic, durable and has a larger working range than stainless steel wires
• High fatigue strength: DiaDent’s NiTi Arch Wires remain flexible even after repeated deformation
• Available in:
  Heat Activated NT Round & Rectangular
  Super Elastic NT Round & Rectangular
  Reverse Curve NT Round & Rectangular
  NT Open and Closed Spring Coil

Heat Activated NT Arch Wires (Martensitic)
• Easy manipulation and installation: Flexible and pliable at room temperature
• Force increases once achieve optimum activation at 37.5°C (temp in the oral cavity)
• Exerts less force then the super elastic arch wires
• Achieve gentle torque forces at the early stage of treatment

Super Elastic NT Arch Wires (Austenitic)
• Constant force throughout range of deflection
• Natural arch form, satin ultra smooth finishing
• Provides maximum retraction efficiency and long durability

Reverse Curve NT Arch Wires
• Super elastic wires with “Rocking Chair” curve designed to help correct the curve of spee
• Prevents molar rotation and maintains anterior torque
• Bite opening and closing
• Initial leveling and aligning
• Arch consolidation and expansion
• Retraction of flared, protruding incisors
• Deep bite and Open bite correction

NT Open and Closed Coils
• Less residual deformation and higher yet gentle retentive recovery force
• Gives comfort while open and maintain proper spaces with constant force