





Bringing you the smile you deserve!



# NiTi Arch Wires

-  NiTi Arch Wire
-  Fil de voute
-  Arcos de alambre NiTi
-  NiTi Drahtbogen

**DiaDent**<sup>®</sup>  
Serving you worldwide.

## NT Arch Wires Overview

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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 than 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



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