

# PRO-FORCE NICKEL TITANIUM ARCHWIRE

- Progressive loading and unloading forces in a moderate range that can increase efficiency and require fewer archwire changes. The higher the degree of deflection, the greater the return or tooth moving forces.
- Highly effective in space closure/retractions, stubborn rotations, leveling and arch form development.
- Rectangular dimensions are excellent finishing wires where complete torque control is required. Slight detailing in the vertical and horizontal planes is accomplished with our narrow three prong plier.

**Center Stop** option prevents arch wire creep and rotation out of buccal tubes and eliminates the need to heat and cinch distal ends of arch wires. The entire archwire remains active, even in molar tubes.



## Edgewise unloading

Round unloading forces (gm)	V/H* forces (gm)
.012 = 75	.016x.016 = 260/260
.014 = 120	.016x.022 = 330/475
.016 = 180	.017x.025 = 410/630
.018 = 260	.018x.018 = 325/325
.020 = 350	.018x.025 = 530/660
	.019x.025 = 566/730
	.020x.020 = 450/450
	.021x.025 = 660/850

\*vertical and horizontal



SYMMETRY

### ROUND:

.012, .014, .016, .018, .020  
Roth compatible arch

### SQUARE & RECTANGULAR:

.016 x .016, .016 x .022, .017 x .025,  
.018 x .018, .018 x .025, .019 x .025,  
.020 x .020, .021 x .025



SYMMETRY 2

### ROUND:

.012, .014, .016, .018, .020  
Alexander/MBT compatible arch

### SQUARE & RECTANGULAR:

.016 x .016, .016 x .022, .017 x .025,  
.018 x .018, .018 x .025, .019 x .025,  
.020 x .020, .021 x .025



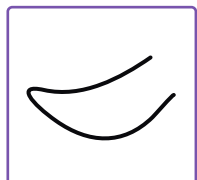
SYMMETRY D

### ROUND:

.014, .016, .018  
Damon compatible arch

### SQUARE & RECTANGULAR:

.014 x .025, .016 x .025,  
.016 x .022, .017 x .025,  
.018 x .025, .019 x .025



"H" TYPE RCS  
SYMMETRY 2

- ^ Closing bite action on the upper arch.
- ^ Easily places curve of spee on the upper arch.
- ^ Expands the lower arch.
- ^ Torques the molars buccally.
- ^ Tilts molars back for anchorage.
- ^ Maintains uprighted molars while using auxillary arches or nitinol retraction springs for the cuspids.
- ^ Excellent for lower anterior intrusion and leveling the occusal plane.

### ROUND:

.014, .016, .018, .020

### SQUARE & RECTANGULAR:

.016 x .016, .016 x .022,  
.017 x .025, .018 x .018,  
.018 x .025, .019 x .025,  
.021 x .025