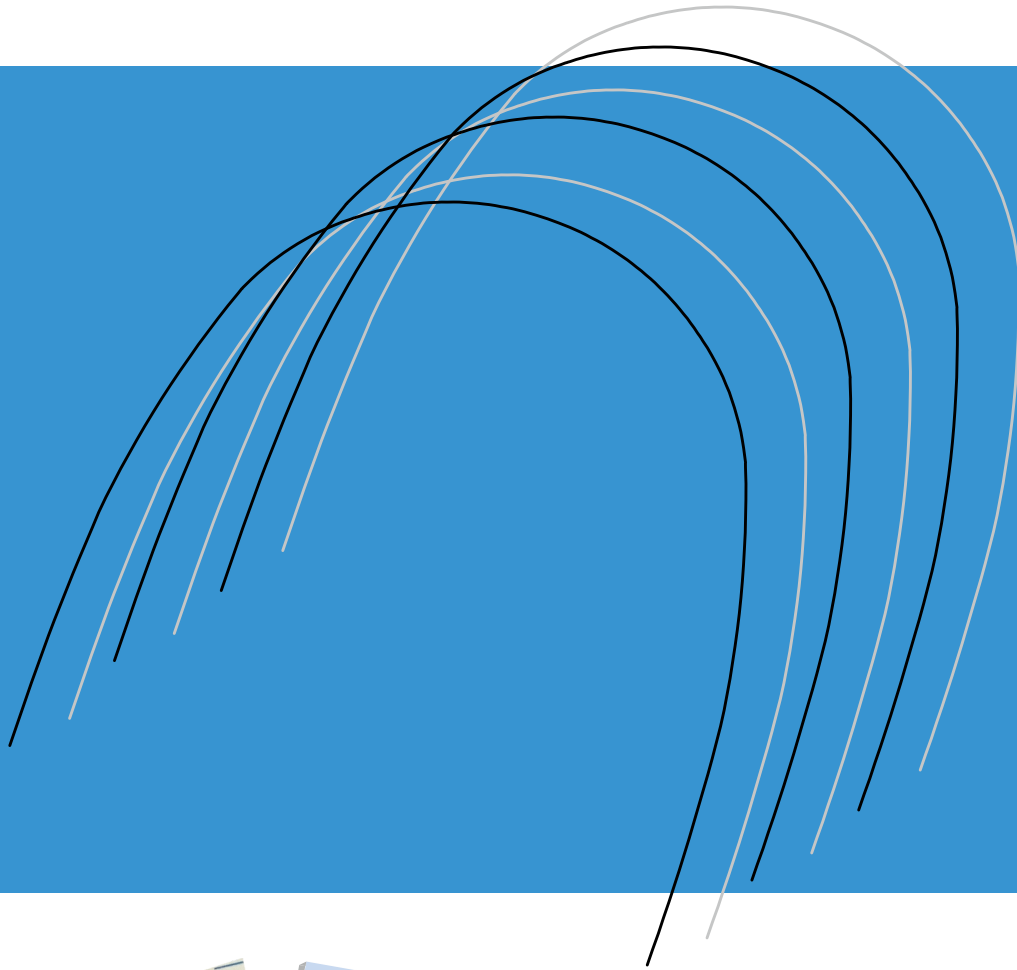


# TiNol-1<sup>TM</sup>

## SUPER ELASTIC

PREMIUM NITINOL

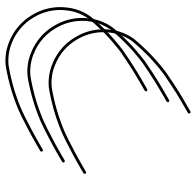
by Modern Orthodontics



Fully Austenetic Wire  
Laser Marked Midline  
Diamond Polished  
Stiffer than Tinol-2



**Modern**  
Orthodontics



TiNoI<sup>TM</sup> Nickel Titanium?

Modern Orthodontic's TiNoI<sup>TM</sup> Nickel Titanium wire is the result of years of **research and advancement** in several key areas of the material science over the period of years.

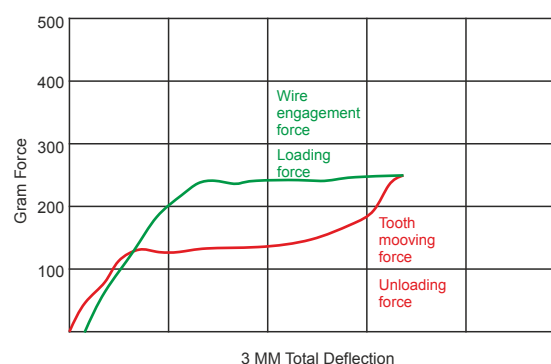
TiNoI<sup>TM</sup> is made possible by the **vast experience and expertise** that MO has developed in working with nitinol and controlling it's properties. Our Nitinol shop staff has a combined experience of more than 18 years.

Nickel Titanium is an alloy which is complex to process and form. Very slight variations in a multitude of factors during manufacturing can alter the clinical performance of NiTi wires. MO has worked hard to achieve **consistent force, elasticity and memory** of each wire.

The TiNoI<sup>TM</sup> manufacturing processes some invented, some developed and others refined by MO make TiNoI<sup>TM</sup> NiTi **distinct** from all other NiTi archwires used in Orthodontics.

Only scientific testing of a NiTi wire can determine its actual working characteristics. TiNoI<sup>TM</sup> NiTi archwires undergo intense scientific testing during the manufacturing process Every TiNoI<sup>TM</sup> wire undergoes a **100% final inspection** before packaging.

TiNoI<sup>TM</sup> wire provide lower initial load forces and increased residual forces as full shape recovery progresses. **Lower Loading Forces** of Engagement result in easier wire deflection and delivery to bracket, less stress on bonds and **increased patient comfort**. Higher Residual Forces of Recovery gives full shape recovery, complete unraveling and archform development by staying active to the end





# TiNol-1<sup>TM</sup> Super Elastic Nitinol

Super elastic nitinol is by far the **volume leader** for NiTi wires in the orthodontics.

TiNol-1<sup>TM</sup> is **fully austenitic** at room temperature and the force of the wire will not change once placed in the mouth.

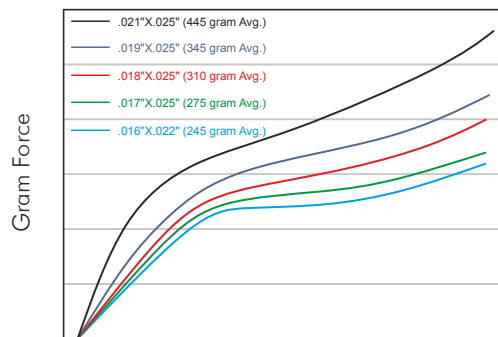
TiNol-1<sup>TM</sup> works extremely well when the teeth are **not severely mal-aligned**.

TiNol-1<sup>TM</sup> is the wire of choice for doctors that want the **stronger, stiffer** nickel titanium wire which produce quick initial alignment of teeth.

The **loading and unloading forces** exerted by TiNol-1<sup>TM</sup> arch-wires are **more** compared to heat activated or thermal shape memory wires.

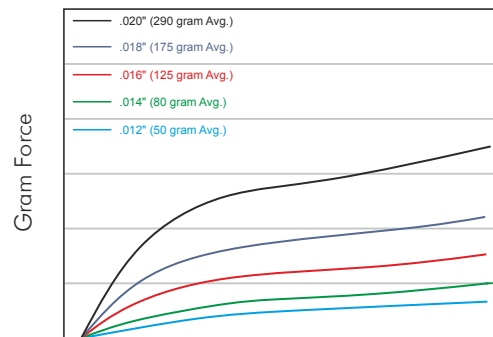
TiNol-1<sup>TM</sup> is also more **resistant to permanent deformation**.

## Rectangular TiNol-1<sup>TM</sup>

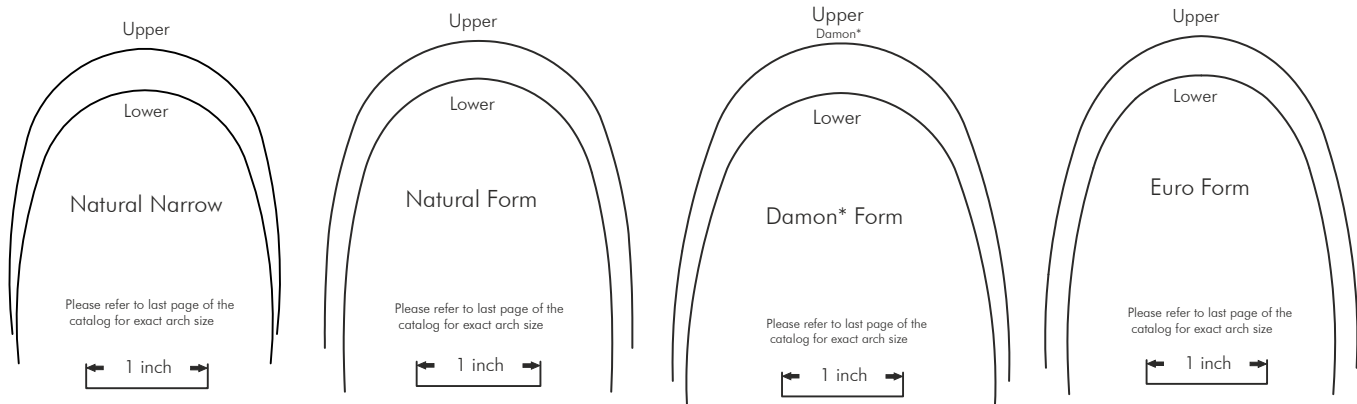


3 mm total deflection

## Round TiNol-1<sup>TM</sup>



3 mm total deflection



\*MO wire is in no way affiliated with or endorsed by Ormco Corporation or Dr. Dwight Damon



**TiNoI-1™**  
Super Elastic  
PREMIUM NITINOL WIRES

**TiNoI-1™** Super Elastic **Natural Narrow** Solo Pk of 10

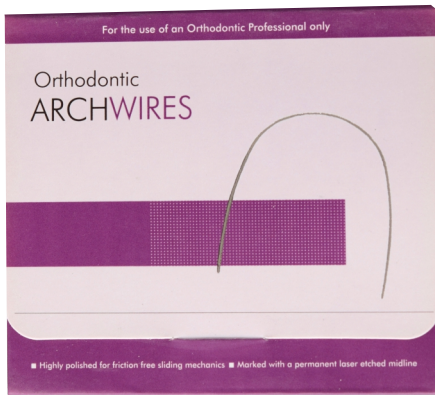
● Round	▲ Upper	▼ Lower
.012"	NTS12U-NNESE	NTS12L-NNESE
.014"	NTS14U-NNESE	NTS14L-NNESE
.016"	NTS16U-NNESE	NTS16L-NNESE
.018"	NTS18U-NNESE	NTS18L-NNESE
.020"	NTS20U-NNESE	NTS20L-NNESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTS1616U-NNESE	NTS1616L-NNESE
.016" X .022"	NTS1622U-NNESE	NTS1622L-NNESE
.017" X .025"	NTS1725U-NNESE	NTS1725L-NNESE
.018" X .018"	NTS1818U-NNESE	NTS1818L-NNESE
.018" X .025"	NTS1825U-NNESE	NTS1825L-NNESE
.019" X .025"	NTS1925U-NNESE	NTS1925L-NNESE
.021" X .025"	NTS2125U-NNESE	NTS2125L-NNESE



Solo Pk of 10



Box Pk of 10

**TiNoI-1™** Super Elastic **Natural Narrow** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTB12U-NNESE	NTB12L-NNESE
.014"	NTB14U-NNESE	NTB14L-NNESE
.016"	NTB16U-NNESE	NTB16L-NNESE
.018"	NTB18U-NNESE	NTB18L-NNESE
.020"	NTB20U-NNESE	NTB20L-NNESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTB1616U-NNESE	NTB1616L-NNESE
.016" X .022"	NTB1622U-NNESE	NTB1622L-NNESE
.017" X .025"	NTB1725U-NNESE	NTB1725L-NNESE
.018" X .018"	NTB1818U-NNESE	NTB1818L-NNESE
.018" X .025"	NTB1825U-NNESE	NTB1825L-NNESE
.019" X .025"	NTB1925U-NNESE	NTB1925L-NNESE
.021" X .025"	NTB2125U-NNESE	NTB2125L-NNESE

**TiNoI-1™** Super Elastic **Natural Narrow** Econo Pk of 50

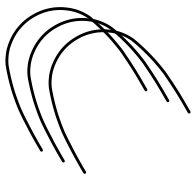
● Round	▲ Upper	▼ Lower
.012"	NTE12U-NNESE	NTE12L-NNESE
.014"	NTE14U-NNESE	NTE14L-NNESE
.016"	NTE16U-NNESE	NTE16L-NNESE
.018"	NTE18U-NNESE	NTE18L-NNESE
.020"	NTE20U-NNESE	NTE20L-NNESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTE1616U-NNESE	NTE1616L-NNESE
.016" X .022"	NTE1622U-NNESE	NTE1622L-NNESE
.017" X .025"	NTE1725U-NNESE	NTE1725L-NNESE
.018" X .018"	NTE1818U-NNESE	NTE1818L-NNESE
.018" X .025"	NTE1825U-NNESE	NTE1825L-NNESE
.019" X .025"	NTE1925U-NNESE	NTE1925L-NNESE
.021" X .025"	NTE2125U-NNESE	NTE2125L-NNESE



Econo Pk of 50



**TiNoI-1™**  
Super Elastic  
PREMIUM NITINOL WIRES

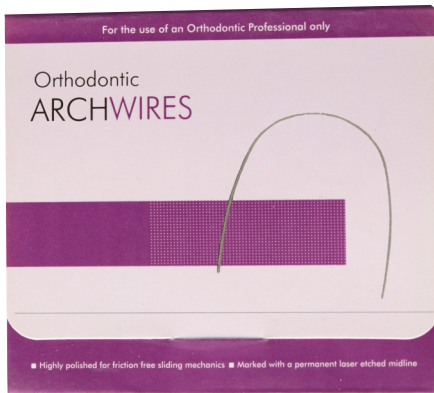
**TiNoI-1™** Super Elastic **Natural Form** Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTS12U-NFESE	NTS12L-NFESE
.014"	NTS14U-NFESE	NTS14L-NFESE
.016"	NTS16U-NFESE	NTS16L-NFESE
.018"	NTS18U-NFESE	NTS18L-NFESE
.020"	NTS20U-NFESE	NTS20L-NFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTS1616U-NFESE	NTS1616L-NFESE
.016" X .022"	NTS1622U-NFESE	NTS1622L-NFESE
.017" X .025"	NTS1725U-NFESE	NTS1725L-NFESE
.018" X .018"	NTS1818U-NFESE	NTS1818L-NFESE
.018" X .025"	NTS1825U-NFESE	NTS1825L-NFESE
.019" X .025"	NTS1925U-NFESE	NTS1925L-NFESE
.021" X .025"	NTS2125U-NFESE	NTS2125L-NFESE



Solo Pk of 10



Box Pk of 10

**TiNoI-1™** Super Elastic **Natural Form** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTB12U-NFESE	NTB12L-NFESE
.014"	NTB14U-NFESE	NTB14L-NFESE
.016"	NTB16U-NFESE	NTB16L-NFESE
.018"	NTB18U-NFESE	NTB18L-NFESE
.020"	NTB20U-NFESE	NTB20L-NFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTB1616U-NFESE	NTB1616L-NFESE
.016" X .022"	NTB1622U-NFESE	NTB1622L-NFESE
.017" X .025"	NTB1725U-NFESE	NTB1725L-NFESE
.018" X .018"	NTB1818U-NFESE	NTB1818L-NFESE
.018" X .025"	NTB1825U-NFESE	NTB1825L-NFESE
.019" X .025"	NTB1925U-NFESE	NTB1925L-NFESE
.021" X .025"	NTB2125U-NFESE	NTB2125L-NFESE

**TiNoI-1™** Super Elastic **Natural Form** Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	NTE12U-NFESE	NTE12L-NFESE
.014"	NTE14U-NFESE	NTE14L-NFESE
.016"	NTE16U-NFESE	NTE16L-NFESE
.018"	NTE18U-NFESE	NTE18L-NFESE
.020"	NTE20U-NFESE	NTE20L-NFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTE1616U-NFESE	NTE1616L-NFESE
.016" X .022"	NTE1622U-NFESE	NTE1622L-NFESE
.017" X .025"	NTE1725U-NFESE	NTE1725L-NFESE
.018" X .018"	NTE1818U-NFESE	NTE1818L-NFESE
.018" X .025"	NTE1825U-NFESE	NTE1825L-NFESE
.019" X .025"	NTE1925U-NFESE	NTE1925L-NFESE
.021" X .025"	NTE2125U-NFESE	NTE2125L-NFESE



Econo Pk of 50



**TiNoI-1™**  
Super Elastic  
PREMIUM NITINOL WIRES

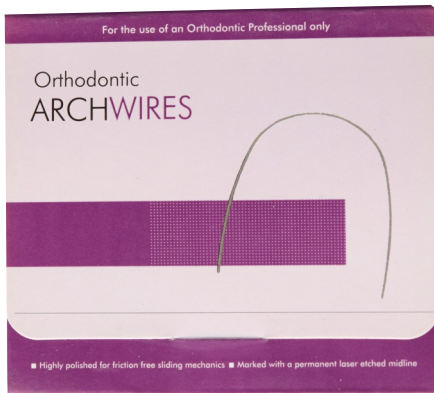
**TiNoI-1™** Super Elastic \*Damon Form Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTS12U-DFESE	NTS12L-DFESE
.014"	NTS14U-DFESE	NTS14L-DFESE
.016"	NTS16U-DFESE	NTS16L-DFESE
.018"	NTS18U-DFESE	NTS18L-DFESE
.020"	NTS20U-DFESE	NTS20L-DFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTS1616U-DFESE	NTS1616L-DFESE
.016" X .022"	NTS1622U-DFESE	NTS1622L-DFESE
.017" X .025"	NTS1725U-DFESE	NTS1725L-DFESE
.018" X .018"	NTS1818U-DFESE	NTS1818L-DFESE
.018" X .025"	NTS1825U-DFESE	NTS1825L-DFESE
.019" X .025"	NTS1925U-DFESE	NTS1925L-DFESE
.021" X .025"	NTS2125U-DFESE	NTS2125L-DFESE



Solo Pk of 10



Box Pk of 10

**TiNoI-1™** Super Elastic \*Damon Form Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTB12U-DFESE	NTB12L-DFESE
.014"	NTB14U-DFESE	NTB14L-DFESE
.016"	NTB16U-DFESE	NTB16L-DFESE
.018"	NTB18U-DFESE	NTB18L-DFESE
.020"	NTB20U-DFESE	NTB20L-DFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTB1616U-DFESE	NTB1616L-DFESE
.016" X .022"	NTB1622U-DFESE	NTB1622L-DFESE
.017" X .025"	NTB1725U-DFESE	NTB1725L-DFESE
.018" X .018"	NTB1818U-DFESE	NTB1818L-DFESE
.018" X .025"	NTB1825U-DFESE	NTB1825L-DFESE
.019" X .025"	NTB1925U-DFESE	NTB1925L-DFESE
.021" X .025"	NTB2125U-DFESE	NTB2125L-DFESE

**TiNoI-1™** Super Elastic \*Damon Form Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	NTE12U-DFESE	NTE12L-DFESE
.014"	NTE14U-DFESE	NTE14L-DFESE
.016"	NTE16U-DFESE	NTE16L-DFESE
.018"	NTE18U-DFESE	NTE18L-DFESE
.020"	NTE20U-DFESE	NTE20L-DFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTE1616U-DFESE	NTE1616L-DFESE
.016" X .022"	NTE1622U-DFESE	NTE1622L-DFESE
.017" X .025"	NTE1725U-DFESE	NTE1725L-DFESE
.018" X .018"	NTE1818U-DFESE	NTE1818L-DFESE
.018" X .025"	NTE1825U-DFESE	NTE1825L-DFESE
.019" X .025"	NTE1925U-DFESE	NTE1925L-DFESE
.021" X .025"	NTE2125U-DFESE	NTE2125L-DFESE



Econo Pk of 50

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**TiNoI-1™**  
Super Elastic  
PREMIUM NITINOL WIRES

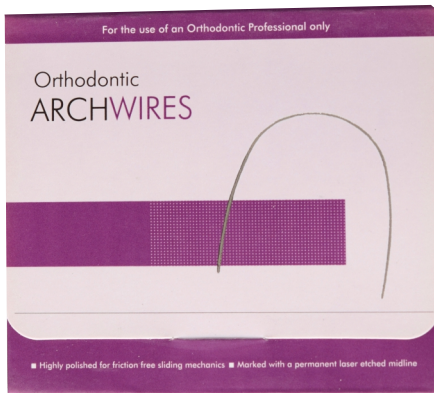
**TiNoI-1™** Super Elastic **Euro Form** Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTS12U-EFESE	NTS12L-EFESE
.014"	NTS14U-EFESE	NTS14L-EFESE
.016"	NTS16U-EFESE	NTS16L-EFESE
.018"	NTS18U-EFESE	NTS18L-EFESE
.020"	NTS20U-EFESE	NTS20L-EFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTS1616U-EFESE	NTS1616L-EFESE
.016" X .022"	NTS1622U-EFESE	NTS1622L-EFESE
.017" X .025"	NTS1725U-EFESE	NTS1725L-EFESE
.018" X .018"	NTS1818U-EFESE	NTS1818L-EFESE
.018" X .025"	NTS1825U-EFESE	NTS1825L-EFESE
.019" X .025"	NTS1925U-EFESE	NTS1925L-EFESE
.021" X .025"	NTS2125U-EFESE	NTS2125L-EFESE



Solo Pk of 10



Box Pk of 10

**TiNoI-1™** Super Elastic **Euro Form** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	NTB12U-EFESE	NTB12L-EFESE
.014"	NTB14U-EFESE	NTB14L-EFESE
.016"	NTB16U-EFESE	NTB16L-EFESE
.018"	NTB18U-EFESE	NTB18L-EFESE
.020"	NTB20U-EFESE	NTB20L-EFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTB1616U-EFESE	NTB1616L-EFESE
.016" X .022"	NTB1622U-EFESE	NTB1622L-EFESE
.017" X .025"	NTB1725U-EFESE	NTB1725L-EFESE
.018" X .018"	NTB1818U-EFESE	NTB1818L-EFESE
.018" X .025"	NTB1825U-EFESE	NTB1825L-EFESE
.019" X .025"	NTB1925U-EFESE	NTB1925L-EFESE
.021" X .025"	NTB2125U-EFESE	NTB2125L-EFESE

**TiNoI-1™** Super Elastic **Euro Form** Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	NTE12U-EFESE	NTE12L-EFESE
.014"	NTE14U-EFESE	NTE14L-EFESE
.016"	NTE16U-EFESE	NTE16L-EFESE
.018"	NTE18U-EFESE	NTE18L-EFESE
.020"	NTE20U-EFESE	NTE20L-EFESE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	NTE1616U-EFESE	NTE1616L-EFESE
.016" X .022"	NTE1622U-EFESE	NTE1622L-EFESE
.017" X .025"	NTE1725U-EFESE	NTE1725L-EFESE
.018" X .018"	NTE1818U-EFESE	NTE1818L-EFESE
.018" X .025"	NTE1825U-EFESE	NTE1825L-EFESE
.019" X .025"	NTE1925U-EFESE	NTE1925L-EFESE
.021" X .025"	NTE2125U-EFESE	NTE2125L-EFESE



Econo Pk of 50