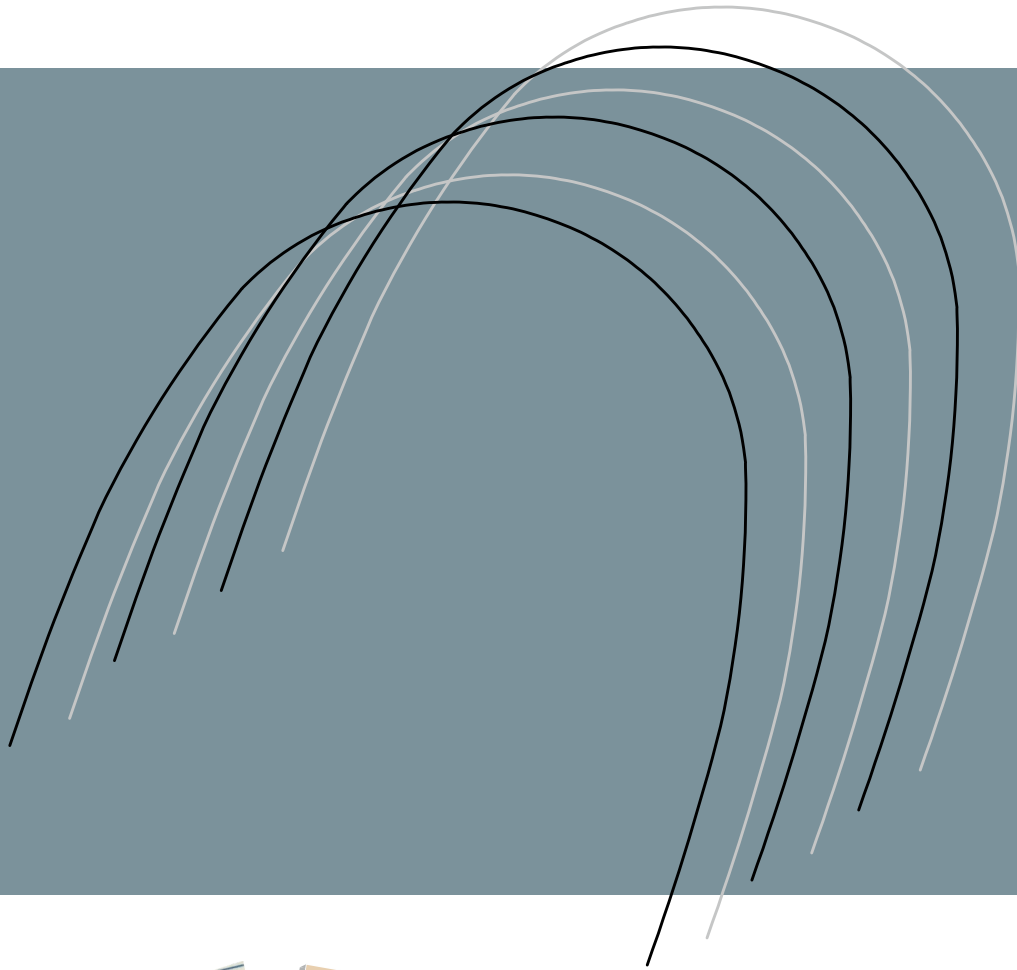


Acti-4STM

304-VAR STEEL
PREMIUM SS WIRES
by Modern Orthodontics



304 VAR Stainless Steel
Ideal Tensile Strength
Diamond Drawn
Laser Marked Midline





Acti-4STM
304 VAR Steel
STAINLESS STEEL WIRES

Acti-4STM Stainless Steel Wires(304VAR)

Why MO's Acti-4STM Stainless Steel Archwires are **superior** to other companies!

All our Acti-4STM archwires are manufactured from 304VAR material. **304VAR is Vacuum Arc Remelted (VAR) stainless steel.** This process yields a more uniform chemistry with minimal voids and contaminants. It would reduce any chances of brittleness that may lead to breakage.

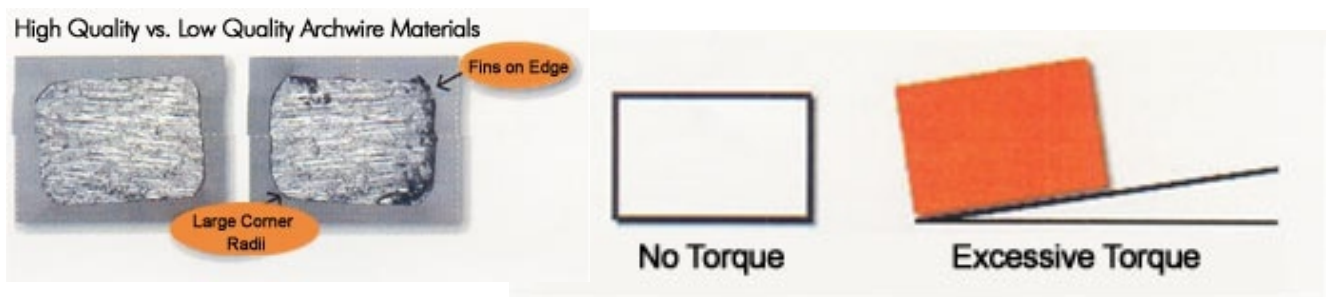
The Acti-4STM material properties help us in getting **true square** or rectangular wire in cross section with minimum corner radii.

The ease of joining Acti-4STM with **solder or welding**, combined with excellent strength makes it most desirable for orthodontic application.

During Acti-4STM wire drawing, we insure that all our archwires are having **minimum corner radii** and are **free of film on edges** formed by carbide precipitation phenomenon that occurs if strict quality controls are not used during manufacturing process.

Tightest tolerance in size of Acti-4STM wire is maintained using **continuous laser measuring** equipment, which would automatically stop the production if the size variation were there.

All Acti-4STM wires are tested for required tensile strength before and after the archwire forming process to ensure accurate tensile specifications. Various **bend testing** involving most intricate bends is performed on each lot to verify proper required ductility.



Ready Acti-4STM archwires are then subjected to strict **inspection requirements for torque and arch shape** one by one. Each wire has to be perfectly flat not in front area but also in posterior sections. For we very well understand that torque is a serious condition that can cause harmful effects to an orthodontist's patient.



Acti-4S™
304 VAR Steel
STAINLESS STEEL WIRES

Acti-4S™ Stainless Steel **Natural Narrow** Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSS12U-NNE	SSS12L-NNE
.014"	SSS14U-NNE	SSS14L-NNE
.016"	SSS16U-NNE	SSS16L-NNE
.018"	SSS18U-NNE	SSS18L-NNE
.020"	SSS20U-NNE	SSS20L-NNE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSS1616U-NNE	SSS1616L-NNE
.016" X .022"	SSS1622U-NNE	SSS1622L-NNE
.016" X .025"	SSS1625U-NNE	SSS1625L-NNE
.017" X .025"	SSS1725U-NNE	SSS1725L-NNE
.018" X .018"	SSS1818U-NNE	SSS1818L-NNE
.018" X .022"	SSS1822U-NNE	SSS1825L-NNE
.018" X .025"	SSS1825U-NNE	SSS1822L-NNE
.019" X .025"	SSS1925U-NNE	SSS1925L-NNE
.021" X .025"	SSS2125U-NNE	SSS2125L-NNE

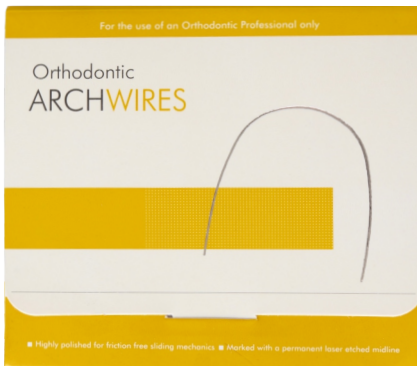


Solo Pk of 10

Acti-4S™ Stainless Steel **Natural Narrow** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSB12U-NNE	SSB12L-NNE
.014"	SSB14U-NNE	SSB14L-NNE
.016"	SSB16U-NNE	SSB16L-NNE
.018"	SSB18U-NNE	SSB18L-NNE
.020"	SSB20U-NNE	SSB20L-NNE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSB1616U-NNE	SSB1616L-NNE
.016" X .022"	SSB1622U-NNE	SSB1622L-NNE
.016" X .025"	SSB1625U-NNE	SSB1625L-NNE
.017" X .025"	SSB1725U-NNE	SSB1725L-NNE
.018" X .018"	SSB1818U-NNE	SSB1818L-NNE
.018" X .022"	SSB1822U-NNE	SSB1825L-NNE
.018" X .025"	SSB1825U-NNE	SSB1822L-NNE
.019" X .025"	SSB1925U-NNE	SSB1925L-NNE
.021" X .025"	SSB2125U-NNE	SSB2125L-NNE



Box Pk of 10

Acti-4S™ Stainless Steel **Natural Narrow** Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	SSE12U-NNE	SSE12L-NNE
.014"	SSE14U-NNE	SSE14L-NNE
.016"	SSE16U-NNE	SSE16L-NNE
.018"	SSE18U-NNE	SSE18L-NNE
.020"	SSE20U-NNE	SSE20L-NNE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSE1616U-NNE	SSE1616L-NNE
.016" X .022"	SSE1622U-NNE	SSE1622L-NNE
.016" X .025"	SSE1625U-NNE	SSE1625L-NNE
.017" X .025"	SSE1725U-NNE	SSE1725L-NNE
.018" X .018"	SSE1818U-NNE	SSE1818L-NNE
.018" X .022"	SSE1822U-NNE	SSE1825L-NNE
.018" X .025"	SSE1825U-NNE	SSE1822L-NNE
.019" X .025"	SSE1925U-NNE	SSE1925L-NNE
.021" X .025"	SSE2125U-NNE	SSE2125L-NNE



Econo Pk of 50



Acti-4S™
304 VAR Steel
STAINLESS STEEL WIRES

Acti-4S™ Stainless Steel **Natural Form** Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSS12U-NFE	SSS12L-NFE
.014"	SSS14U-NFE	SSS14L-NFE
.016"	SSS16U-NFE	SSS16L-NFE
.018"	SSS18U-NFE	SSS18L-NFE
.020"	SSS20U-NFE	SSS20L-NFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSS1616U-NFE	SSS1616L-NFE
.016" X .022"	SSS1622U-NFE	SSS1622L-NFE
.016" X .025"	SSS1625U-NFE	SSS1625L-NFE
.017" X .025"	SSS1725U-NFE	SSS1725L-NFE
.018" X .018"	SSS1818U-NFE	SSS1818L-NFE
.018" X .022"	SSS1822U-NFE	SSS1825L-NFE
.018" X .025"	SSS1825U-NFE	SSS1822L-NFE
.019" X .025"	SSS1925U-NFE	SSS1925L-NFE
.021" X .025"	SSS2125U-NFE	SSS2125L-NFE

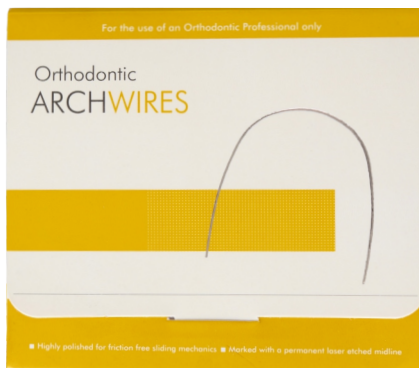


Solo Pk of 10

Acti-4S™ Stainless Steel **Natural Form** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSB12U-NFE	SSB12L-NFE
.014"	SSB14U-NFE	SSB14L-NFE
.016"	SSB16U-NFE	SSB16L-NFE
.018"	SSB18U-NFE	SSB18L-NFE
.020"	SSB20U-NFE	SSB20L-NFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSB1616U-NFE	SSB1616L-NFE
.016" X .022"	SSB1622U-NFE	SSB1622L-NFE
.016" X .025"	SSB1625U-NFE	SSB1625L-NFE
.017" X .025"	SSB1725U-NFE	SSB1725L-NFE
.018" X .018"	SSB1818U-NFE	SSB1818L-NFE
.018" X .022"	SSB1822U-NFE	SSB1825L-NFE
.018" X .025"	SSB1825U-NFE	SSB1822L-NFE
.019" X .025"	SSB1925U-NFE	SSB1925L-NFE
.021" X .025"	SSB2125U-NFE	SSB2125L-NFE



Box Pk of 10

Acti-4S™ Stainless Steel **Natural Form** Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	SSE12U-NFE	SSE12L-NFE
.014"	SSE14U-NFE	SSE14L-NFE
.016"	SSE16U-NFE	SSE16L-NFE
.018"	SSE18U-NFE	SSE18L-NFE
.020"	SSE20U-NFE	SSE20L-NFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSE1616U-NFE	SSE1616L-NFE
.016" X .022"	SSE1622U-NFE	SSE1622L-NFE
.016" X .025"	SSE1625U-NFE	SSE1625L-NFE
.017" X .025"	SSE1725U-NFE	SSE1725L-NFE
.018" X .018"	SSE1818U-NFE	SSE1818L-NFE
.018" X .022"	SSE1822U-NFE	SSE1825L-NFE
.018" X .025"	SSE1825U-NFE	SSE1822L-NFE
.019" X .025"	SSE1925U-NFE	SSE1925L-NFE
.021" X .025"	SSE2125U-NFE	SSE2125L-NFE



Econo Pk of 50



Acti-4STM
304 VAR Steel
STAINLESS STEEL WIRES

Acti-4STM Stainless Steel **Damon Form** Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSS12U-DFE	SSS12L-DFE
.014"	SSS14U-DFE	SSS14L-DFE
.016"	SSS16U-DFE	SSS16L-DFE
.018"	SSS18U-DFE	SSS18L-DFE
.020"	SSS20U-DFE	SSS20L-DFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSS1616U-DFE	SSS1616L-DFE
.016" X .022"	SSS1622U-DFE	SSS1622L-DFE
.016" X .025"	SSS1625U-DFE	SSS1625L-DFE
.017" X .025"	SSS1725U-DFE	SSS1725L-DFE
.018" X .018"	SSS1818U-DFE	SSS1818L-DFE
.018" X .022"	SSS1822U-DFE	SSS1822L-DFE
.018" X .025"	SSS1825U-DFE	SSS1825L-DFE
.019" X .025"	SSS1925U-DFE	SSS1925L-DFE
.021" X .025"	SSS2125U-DFE	SSS2125L-DFE

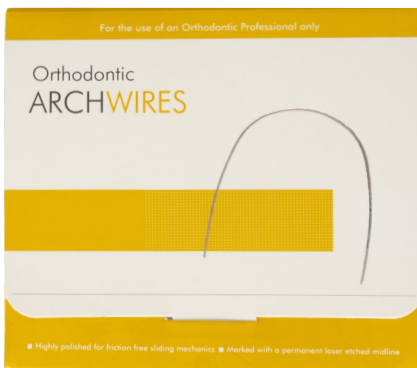


Solo Pk of 10

Acti-4STM Stainless Steel **Damon Form** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSB12U-DFE	SSB12L-DFE
.014"	SSB14U-DFE	SSB14L-DFE
.016"	SSB16U-DFE	SSB16L-DFE
.018"	SSB18U-DFE	SSB18L-DFE
.020"	SSB20U-DFE	SSB20L-DFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSB1616U-DFE	SSB1616L-DFE
.016" X .022"	SSB1622U-DFE	SSB1622L-DFE
.016" X .025"	SSB1625U-DFE	SSB1625L-DFE
.017" X .025"	SSB1725U-DFE	SSB1725L-DFE
.018" X .018"	SSB1818U-DFE	SSB1818L-DFE
.018" X .022"	SSB1822U-DFE	SSB1822L-DFE
.018" X .025"	SSB1825U-DFE	SSB1825L-DFE
.019" X .025"	SSB1925U-DFE	SSB1925L-DFE
.021" X .025"	SSB2125U-DFE	SSB2125L-DFE



Box Pk of 10

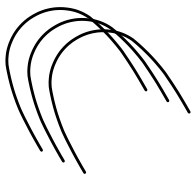
Acti-4STM Stainless Steel **Damon Form** Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	SSE12U-DFE	SSE12L-DFE
.014"	SSE14U-DFE	SSE14L-DFE
.016"	SSE16U-DFE	SSE16L-DFE
.018"	SSE18U-DFE	SSE18L-DFE
.020"	SSE20U-DFE	SSE20L-DFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSE1616U-DFE	SSE1616L-DFE
.016" X .022"	SSE1622U-DFE	SSE1622L-DFE
.016" X .025"	SSE1625U-DFE	SSE1625L-DFE
.017" X .025"	SSE1725U-DFE	SSE1725L-DFE
.018" X .018"	SSE1818U-DFE	SSE1818L-DFE
.018" X .022"	SSE1822U-DFE	SSE1822L-DFE
.018" X .025"	SSE1825U-DFE	SSE1825L-DFE
.019" X .025"	SSE1925U-DFE	SSE1925L-DFE
.021" X .025"	SSE2125U-DFE	SSE2125L-DFE



Econo Pk of 50



Acti-4S™
304 VAR Steel
STAINLESS STEEL WIRES

Acti-4S™ Stainless Steel **Euro Form** Solo Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSS12U-EFE	SSS12L-EFE
.014"	SSS14U-EFE	SSS14L-EFE
.016"	SSS16U-EFE	SSS16L-EFE
.018"	SSS18U-EFE	SSS18L-EFE
.020"	SSS20U-EFE	SSS20L-EFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSS1616U-EFE	SSS1616L-EFE
.016" X .022"	SSS1622U-EFE	SSS1622L-EFE
.016" X .025"	SSS1625U-EFE	SSS1625L-EFE
.017" X .025"	SSS1725U-EFE	SSS1725L-EFE
.018" X .018"	SSS1818U-EFE	SSS1818L-EFE
.018" X .022"	SSS1822U-EFE	SSS1822L-EFE
.018" X .025"	SSS1825U-EFE	SSS1825L-EFE
.019" X .025"	SSS1925U-EFE	SSS1925L-EFE
.021" X .025"	SSS2125U-EFE	SSS2125L-EFE

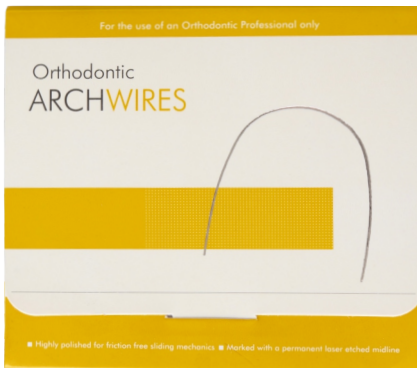


Solo Pk of 10

Acti-4S™ Stainless Steel **Euro Form** Box Pk of 10

● Round	▲ Upper	▼ Lower
.012"	SSB12U-EFE	SSB12L-EFE
.014"	SSB14U-EFE	SSB14L-EFE
.016"	SSB16U-EFE	SSB16L-EFE
.018"	SSB18U-EFE	SSB18L-EFE
.020"	SSB20U-EFE	SSB20L-EFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSB1616U-EFE	SSB1616L-EFE
.016" X .022"	SSB1622U-EFE	SSB1622L-EFE
.016" X .025"	SSB1625U-EFE	SSB1625L-EFE
.017" X .025"	SSB1725U-EFE	SSB1725L-EFE
.018" X .018"	SSB1818U-EFE	SSB1818L-EFE
.018" X .022"	SSB1822U-EFE	SSB1822L-EFE
.018" X .025"	SSB1825U-EFE	SSB1825L-EFE
.019" X .025"	SSB1925U-EFE	SSB1925L-EFE
.021" X .025"	SSB2125U-EFE	SSB2125L-EFE



Box Pk of 10

Acti-4S™ Stainless Steel **Euro Form** Econo Pk of 50

● Round	▲ Upper	▼ Lower
.012"	SSE12U-EFE	SSE12L-EFE
.014"	SSE14U-EFE	SSE14L-EFE
.016"	SSE16U-EFE	SSE16L-EFE
.018"	SSE18U-EFE	SSE18L-EFE
.020"	SSE20U-EFE	SSE20L-EFE

● Rectangle	▲ Upper	▼ Lower
.016" X .016"	SSE1616U-EFE	SSE1616L-EFE
.016" X .022"	SSE1622U-EFE	SSE1622L-EFE
.016" X .025"	SSE1625U-EFE	SSE1625L-EFE
.017" X .025"	SSE1725U-EFE	SSE1725L-EFE
.018" X .018"	SSE1818U-EFE	SSE1818L-EFE
.018" X .022"	SSE1822U-EFE	SSE1822L-EFE
.018" X .025"	SSE1825U-EFE	SSE1825L-EFE
.019" X .025"	SSE1925U-EFE	SSE1925L-EFE
.021" X .025"	SSE2125U-EFE	SSE2125L-EFE



Econo Pk of 50

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