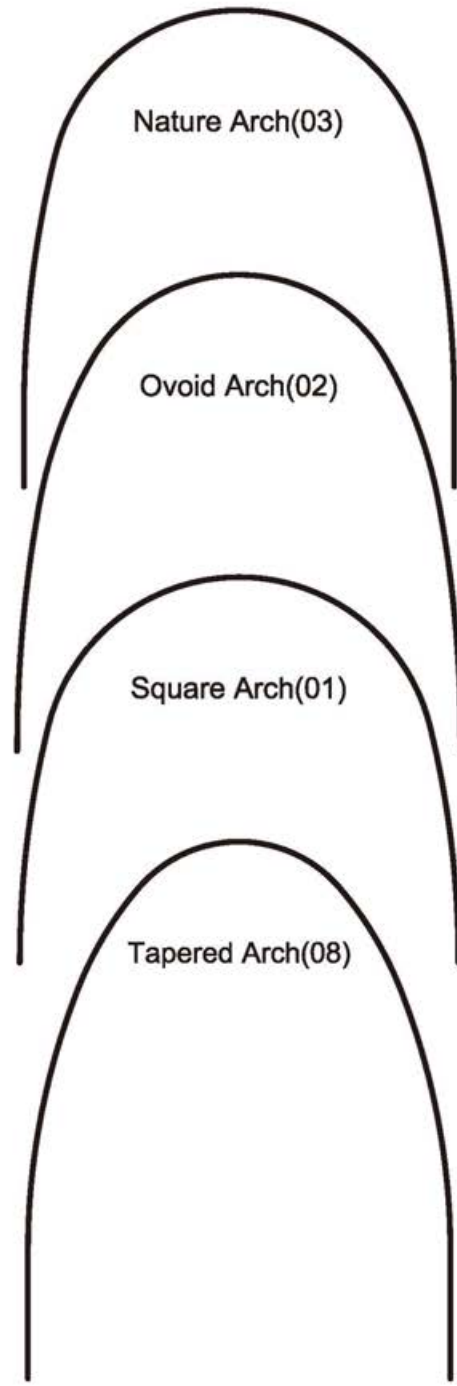
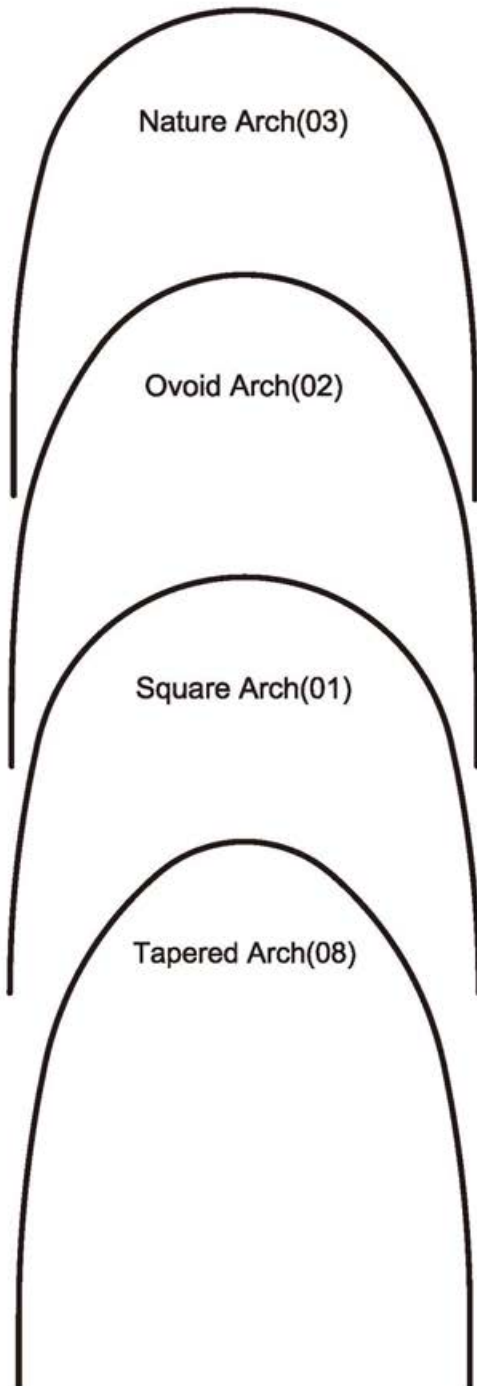


### Arch Form

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Maxillary

Mandibular

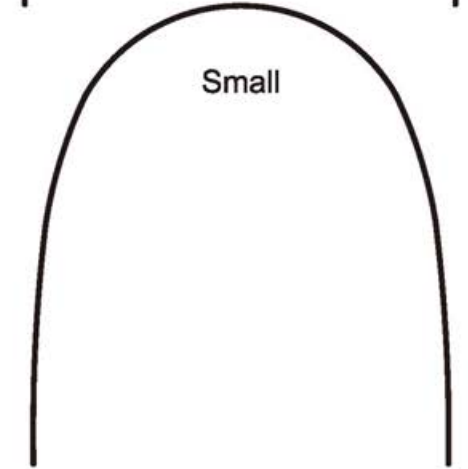
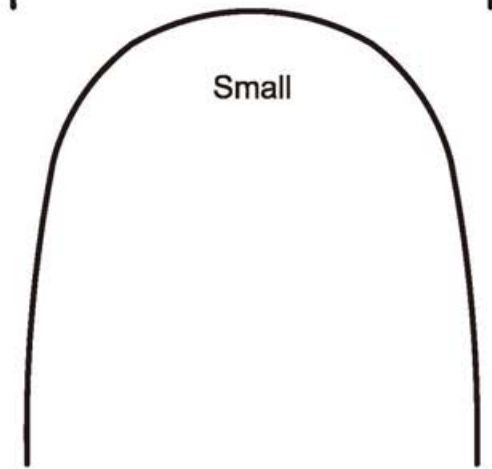
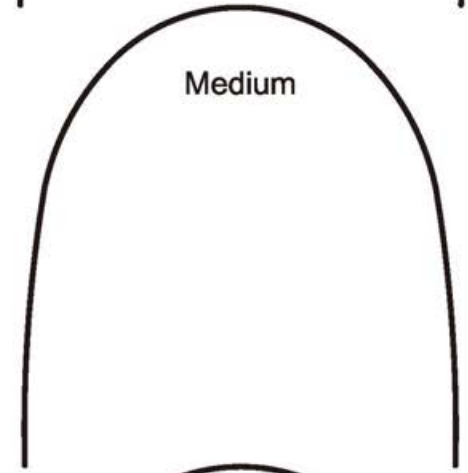
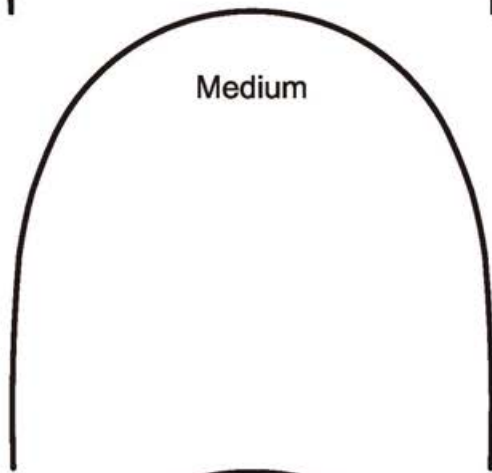
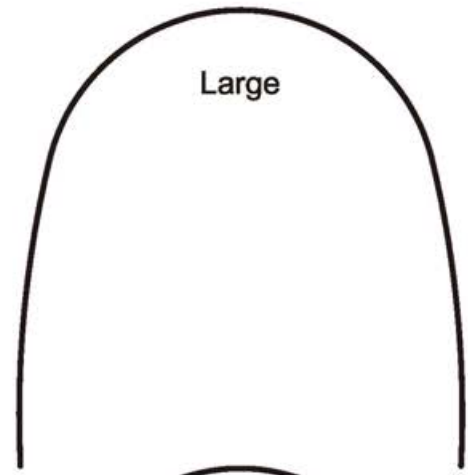
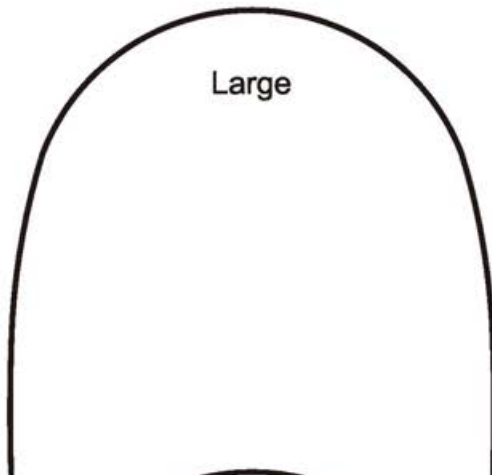


### Roth Arch(10)

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Maxillary

Mandibular



# ARCHWIRES & SPRINGS

## Archwire Forms

### ZZ Arch(06)

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Maxillary

Mandibular

Large

Large

Medium

Medium

Small

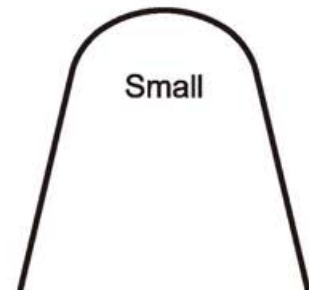
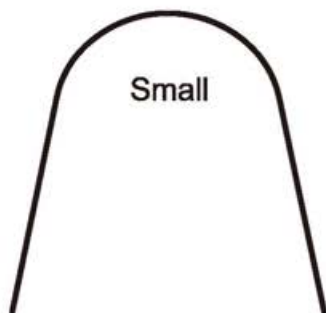
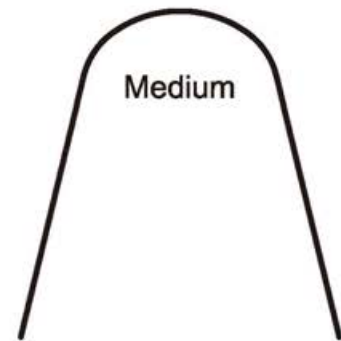
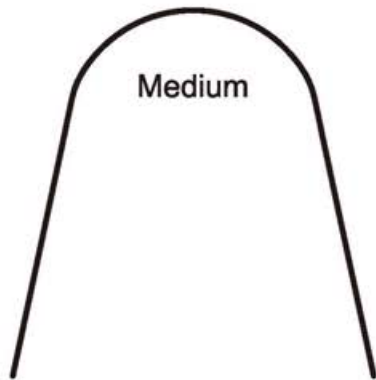
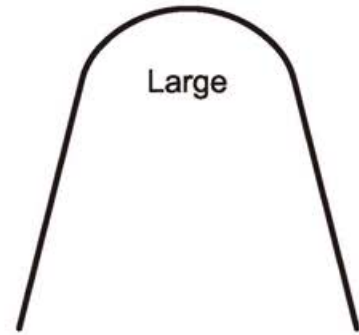
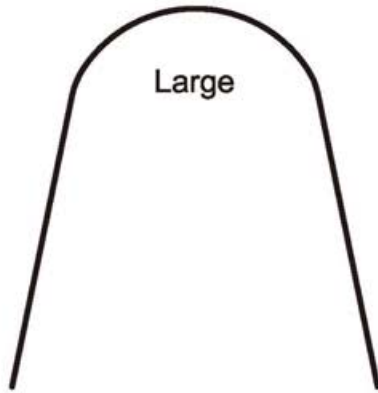
Small

### Lingual Arch(07)

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Maxillary

Mandibular



# ARCHWIRES & SPRINGS

## MEMAlloy Niti Arch Wires



MEMAlloy Niti arch wires are a low-force alternative to the traditional thermal active arch wires. They hold all the same properties of thermal active arch wires but deliver a gentle, light continuous forces for optimum tooth movement, moving teeth without dissipation of force and periodontal stress. It is round and owns superelasticity than traditional thermal active arch wires.



Ovoid

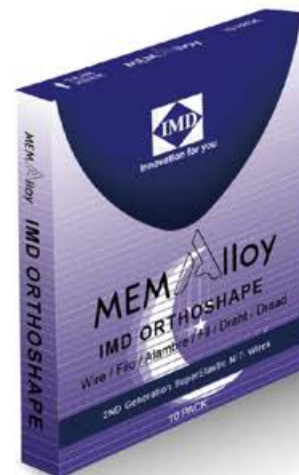
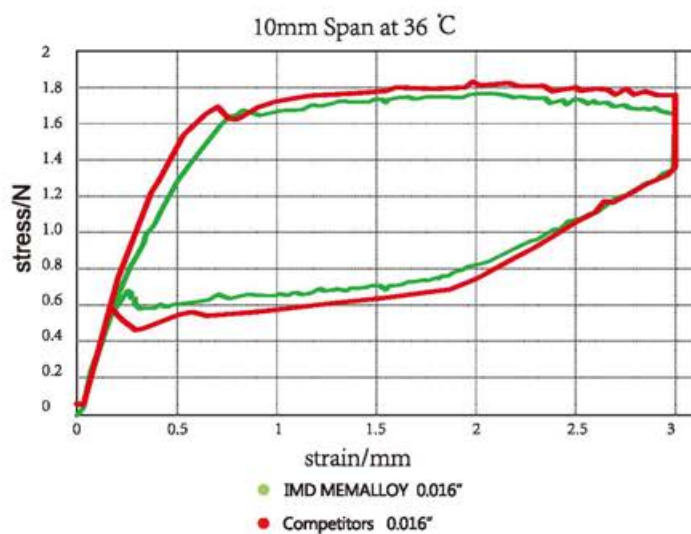


Natural



Damon\*

Size	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
0.012"	ME021201	ME021202	ME031201	ME031202	ME091201	ME091202
0.014"	ME021401	ME021402	ME031401	ME031402	ME091401	ME091402
0.016"	ME021601	ME021602	ME031601	ME031602	ME091601	ME091602
0.018"	ME021801	ME021802	ME031801	ME031802	ME091801	ME091802
0.020"	ME022001	ME022002	ME032001	ME032002	ME092001	ME092002



10 PACK



# ARCHWIRES & SPRINGS

BIO MEMAlloy Niti Arch Wires

## BIO MEMAlloy

MEMAlloy Niti arch wires are a low-force alternative to the traditional thermal active arch wires. They hold all the same properties of thermal active arch wires but deliver a gentle, light continuous forces for optimum tooth movement, moving teeth without dissipation of force and periodontal stress. It is rectangular and owns superelasticity than traditional thermal active arch wires.



Ovoid

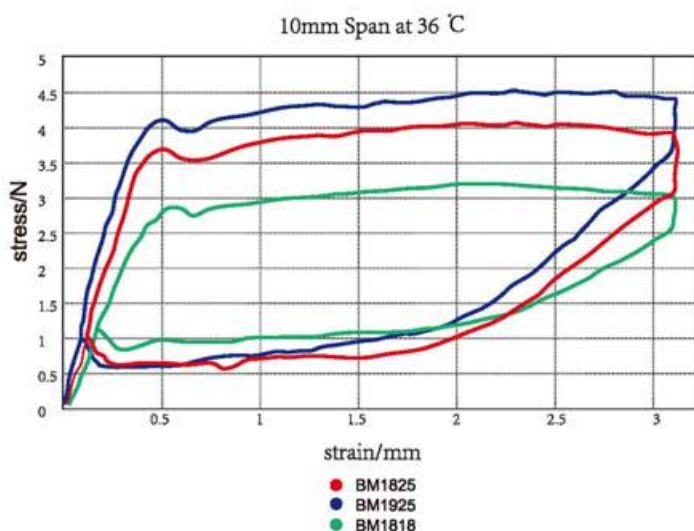


Natural



Damon\*

Size	Maxillary		Mandibular		Maxillary		Mandibular	
0.017"x0.025"	BM02172501	BM02172502	BM03172501	BM03172502	BM09172501	BM09172502	BM09172501	BM09172502
0.018"x0.018"	BM02181801	BM02181802	BM03181801	BM03181802	BM09181801	BM09181802	BM09181801	BM09181802
0.018"x0.025"	BM02182501	BM02182502	BM03182501	BM03182502	BM09182501	BM09182502	BM09182501	BM09182502
0.019"x0.025"	BM02192501	BM02192502	BM03192501	BM03192502	BM09192501	BM09192502	BM09192501	BM09192502
0.020"x0.020"	BM02202001	BM02202002	BM03202001	BM03202002	BM09202001	BM09202002	BM09202001	BM09202002
0.021"x0.028"	BM02212801	BM02212802	BM03212801	BM03212802	BM09212801	BM09212802	BM09212801	BM09212802



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# ARCHWIRES & SPRINGS

## Cu-Alloy Niti Arch Wires

# Cu-Alloy

Cu-Alloy Niti arch wires consist of nickel, titanium, copper and chromium. The addition of copper to the alloy enhances the thermal-reactive properties of the wire. The wires with the unique thermal-reactive property and mechanics that IMD offers provide a wide range of choice for different cases. And it is especially calibrated for use with the SLB system and its smooth surface to reduce the sliding friction. The wires' activated temperature is close to mouth temperature and is soft in room temperature to facilitate engagement. It falls within a very efficient force range when used with the large round or rectangle sizes.



**Ovoid**

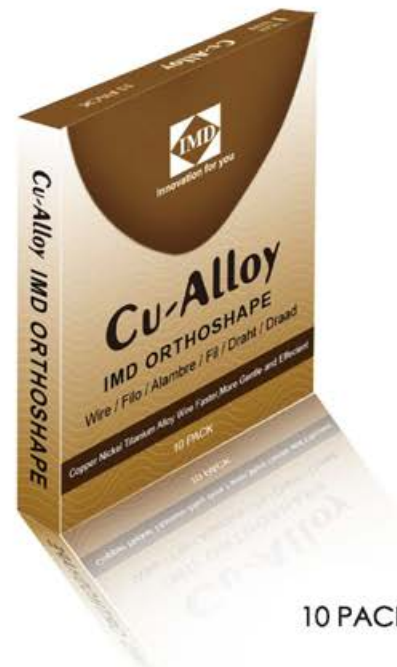
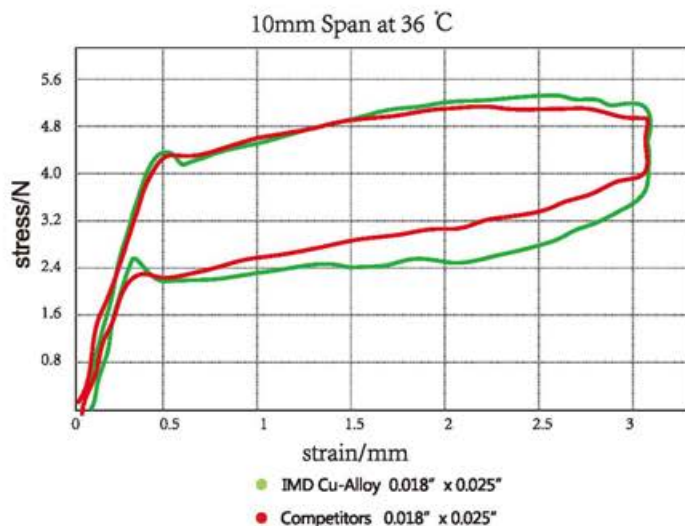


**Natural**



**Damon\***

Size	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
0.013"	CU021301	CU021302	CU031301	CU031302	CU091301	CU091302
0.014"	CU021401	CU021402	CU031401	CU031402	CU091401	CU091402
0.016"	CU021601	CU021602	CU031601	CU031602	CU091601	CU091602
0.018"	CU021801	CU021802	CU031801	CU031802	CU091801	CU091802
0.014"x0.025"	CU02142501	CU02142502	CU03142501	CU03142502	CU09142501	CU09142502
0.016"x0.025"	CU02162501	CU02162502	CU03162501	CU03162502	CU09162501	CU09162502
0.018"x0.025"	CU02182501	CU02182502	CU03182501	CU03182502	CU09182501	CU09182502



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# ARCHWIRES & SPRINGS

## Beta Titanium Orthodontic Arch Wires

# Beta

Beta Titanium Arch wires provide memory properties similar to nickel titanium while providing high-forces and low deflections similar to stainless steel. Our Beta titanium arch wires provide force levels that are 42% less than those of equivalent stainless steel arch wires. It is a great nickel-free alternative with a variety of application possibilities. It can be used at any stage of treatment, but it is especially effective where moderate forces are necessary for early torque control and final detailing.



**Ovoid**



**Natural**

Size	Maxillary	Mandibular	Maxillary	Mandibular
0.016"	A-W-ST021601	A-W-ST021602	A-W-ST031601	A-W-ST031602
0.018"	A-W-ST021801	A-W-ST021802	A-W-ST031801	A-W-ST031802
0.020"	A-W-ST022001	A-W-ST022002	A-W-ST032001	A-W-ST032002
0.016"x0.016"	A-W-ST02161601	A-W-ST02161602	A-W-ST03161601	A-W-ST03161602
0.016"x0.022"	A-W-ST02162201	A-W-ST02162202	A-W-ST03162201	A-W-ST03162202
0.017"x0.022"	A-W-ST02172201	A-W-ST02172202	A-W-ST03172201	A-W-ST03172202
0.017"x0.025"	A-W-ST02172501	A-W-ST02172502	A-W-ST03172501	A-W-ST03172502
0.018"x0.018"	A-W-ST02181801	A-W-ST02181802	A-W-ST03181801	A-W-ST03181802
0.018"x0.025"	A-W-ST02182501	A-W-ST02182502	A-W-ST03182501	A-W-ST03182502
0.019"x0.025"	A-W-ST02192501	A-W-ST02192502	A-W-ST03192501	A-W-ST03192502
0.021"x0.025"	A-W-ST02212501	A-W-ST02212502	A-W-ST03212501	A-W-ST03212502

### Features

- 1.Safe for nickel-allergy patients.
- 2.Moderate springback and flexibility
- 3.Moderate stiffness
- 4.Excellent formability
- 5.Better bend performance than stainless steel
- 6.Gentle force delivery with larger archwire sizes
- 7.Fill bracket slots earlier and correct torque



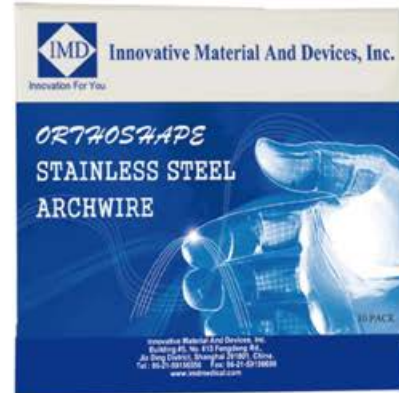
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# ARCHWIRES & SPRINGS

## Stainless Steel Archwires

Stainless steel arch wires are excellent for detailing and finishing. It uses only 304 medical grade stainless steel wire in forming these wires. By acquiring our wire from the finest stainless steel processing houses, we can assure its customers a product high in quality and consistent in performance. In addition, we use state of the special forming equipment which ensures product integrity, consistent performance characteristics and precise arch forms. With years of wire forming experience, IMD understands the intricacies and nature of arch wire production and takes great pride in craftsmanship.



**Square**



**Ovoid**



**Natural**

Wire Size	Upper	Lower	Upper	Lower	Upper	Lower
0.012"	SS011201	SS011202	SS021201	SS021202	SS031201	SS031202
0.014"	SS011401	SS011402	SS021401	SS021402	SS031401	SS031402
0.016"	SS011601	SS011602	SS021601	SS021602	SS031601	SS031602
0.018"	SS011801	SS011802	SS021801	SS021802	SS031801	SS031802
0.020"	SS012001	SS012002	SS022001	SS022002	SS032001	SS032002
0.016"x0.016"	SS01161601	SS01161602	SS02161601	SS02161602	SS03161601	SS03161602
0.016"x0.022"	SS01162201	SS01162202	SS02162201	SS02162202	SS03162201	SS03162202
0.017"x0.022"	SS01172201	SS01172202	SS02172201	SS02172202	SS03172201	SS03172202
0.017"x0.025"	SS01172501	SS01172502	SS02172501	SS02172502	SS03172501	SS03172502
0.018"x0.022"	SS01182201	SS01182202	SS02182201	SS02182202	SS03182201	SS03182202
0.018"x0.025"	SS01182501	SS01182502	SS02182501	SS02182502	SS03182501	SS03182502
0.019"x0.025"	SS01192501	SS01192502	SS02192501	SS02192502	SS03192501	SS03192502
0.021"x0.025"	SS01212501	SS01212502	SS02212501	SS02212502	SS03212501	SS03212502

10 PACK

# ARCHWIRES & SPRINGS

## Stainless Steel Archwires



**Zz Small**



**Zz Medium**



**Lingual Medium**

Wire Size	Zz Small		Zz Medium		Lingual Medium	
	Upper	Lower	Upper	Lower	Upper	Lower
0.012"	SS06S1201	SS06S1202	SS06M1201	SS06M1202	SS07M1201	SS07M1202
0.014"	SS06S1401	SS06S1402	SS06M1401	SS06M1402	SS07M1401	SS07M1402
0.016"	SS06S1601	SS06S1602	SS06M1601	SS06M1602	SS07M1601	SS07M1602
0.018"	SS06S1801	SS06S1802	SS06M1801	SS06M1802	SS07M1801	SS07M1802
0.020"	SS06S2001	SS06S2002	SS06M2001	SS06M2002	SS07M2001	SS07M2002
0.016"x0.016"	SS06S161601	SS06S161602	SS06M161601	SS06M161602	SS07M161601	SS07M161602
0.016"x0.022"	SS06S162201	SS06S162202	SS06M162201	SS06M162202	SS07M162201	SS07M162202
0.017"x0.022"	SS06S172201	SS06S172202	SS06M172201	SS06M172202	SS07M172201	SS07M172202
0.017"x0.025"	SS06S172501	SS06S172502	SS06M172501	SS06M172502	SS07M172501	SS07M172502
0.018"x0.022"	SS06S182201	SS06S182202	SS06M182201	SS06M182202	SS07M182201	SS07M182202
0.018"x0.025"	SS06S182501	SS06S182502	SS06M182501	SS06M182502	SS07M182501	SS07M182502
0.019"x0.025"	SS06S192501	SS06S192502	SS06M192501	SS06M192502	SS07M192501	SS07M192502
0.021"x0.025"	SS06S212501	SS06S212502	SS06M212501	SS06M212502	SS07M212501	SS07M212502



**Tapered**



**Damon\***

Wire Size	Tapered		Damon*	
	Upper	Lower	Upper	Lower
0.012"	SS081201	SS081202	SS091201	SS091202
0.014"	SS081401	SS081402	SS091401	SS091402
0.016"	SS081601	SS081602	SS091601	SS091602
0.018"	SS081801	SS081802	SS091801	SS091802
0.020"	SS082001	SS082002	SS092001	SS092002
0.016"x0.016"	SS08161601	SS08161602	SS09161601	SS09161602
0.016"x0.022"	SS08162201	SS08162202	SS09162201	SS09162202
0.017"x0.022"	SS08172201	SS08172202	SS09172201	SS09172202
0.017"x0.025"	SS08172501	SS08172502	SS09172501	SS09172502
0.018"x0.022"	SS08182201	SS08182202	SS09182201	SS09182202
0.018"x0.025"	SS08182501	SS08182502	SS09182501	SS09182502
0.019"x0.025"	SS08192501	SS08192502	SS09192501	SS09192502
0.021"x0.025"	SS08212501	SS08212502	SS09212501	SS09212502

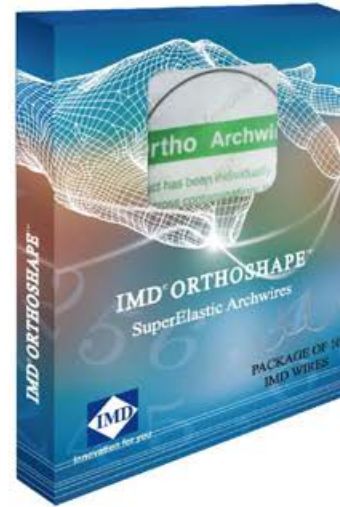
\* Our version of the Roth arch--shape is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth. Our version of the Damon archform is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Damon.



# ARCHWIRES & SPRINGS

## Niti Super Elastic Arch Wires

Niti super elastic arch wires reduce the number of arch wire changes by remaining continuously active. It is completely austenitic at room temperature and delivers constant force for more efficient tooth movement through its advanced metallurgical composition. It's extremely smooth and reduces friction, allowing teeth to move easily along the arch wire. This wire allows alteration for custom bends or loops.



**Square**



**Ovoid**



**Natural**

Wire Size	Upper	Lower	Upper	Lower	Upper	Lower
0.012"	SE011201	SE011202	SE021201	SE021202	SE031201	SE031202
0.014"	SE011401	SE011402	SE021401	SE021402	SE031401	SE031402
0.016"	SE011601	SE011602	SE021601	SE021602	SE031601	SE031602
0.018"	SE011801	SE011802	SE021801	SE021802	SE031801	SE031802
0.020"	SE012001	SE012002	SE022001	SE022002	SE032001	SE032002
0.016"x0.016"	SE01161601	SE01161602	SE02161601	SE02161602	SE03161601	SE03161602
0.016"x0.022"	SE01162201	SE01162202	SE02162201	SE02162202	SE03162201	SE03162202
0.017"x0.022"	SE01172201	SE01172202	SE02172201	SE02172202	SE03172201	SE03172202
0.017"x0.025"	SE01172501	SE01172502	SE02172501	SE02172502	SE03172501	SE03172502
0.018"x0.022"	SE01182201	SE01182202	SE02182201	SE02182202	SE03182201	SE03182202
0.018"x0.025"	SE01182501	SE01182502	SE02182501	SE02182502	SE03182501	SE03182502
0.019"x0.025"	SE01192501	SE01192502	SE02192501	SE02192502	SE03192501	SE03192502
0.021"x0.025"	SE01212501	SE01212502	SE02212501	SE02212502	SE03212501	SE03212502

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# ARCHWIRES & SPRINGS

## Niti Super Elastic Arch Wires



**Zz Small**



**Zz Medium**



**Lingual Medium**

Wire Size	Zz Small		Zz Medium		Lingual Medium	
	Upper	Lower	Upper	Lower	Upper	Lower
0.012"	SE06S1201	SE06S1202	SE06M1201	SE06M1202	SE07M1201	SE07M1202
0.014"	SE06S1401	SE06S1402	SE06M1401	SE06M1402	SE07M1401	SE07M1402
0.016"	SE06S1601	SE06S1602	SE06M1601	SE06M1602	SE07M1601	SE07M1602
0.018"	SE06S1801	SE06S1802	SE06M1801	SE06M1802	SE07M1801	SE07M1802
0.020"	SE06S2001	SE06S2002	SE06M2001	SE06M2002	SE07M2001	SE07M2002
0.016"x0.016"	SE06S161601	SE06S161602	SE06M161601	SE06M161602	SE07M161601	SE07M161602
0.016"x0.022"	SE06S162201	SE06S162202	SE06M162201	SE06M162202	SE07M162201	SE07M162202
0.017"x0.022"	SE06S172201	SE06S172202	SE06M172201	SE06M172202	SE07M172201	SE07M172202
0.017"x0.025"	SE06S172501	SE06S172502	SE06M172501	SE06M172502	SE07M172501	SE07M172502
0.018"x0.022"	SE06S182201	SE06S182202	SE06M182201	SE06M182202	SE07M182201	SE07M182202
0.018"x0.025"	SE06S182501	SE06S182502	SE06M182501	SE06M182502	SE07M182501	SE07M182502
0.019"x0.025"	SE06S192501	SE06S192502	SE06M192501	SE06M192502	SE07M192501	SE07M192502
0.021"x0.025"	SE06S212501	SE06S212502	SE06M212501	SE06M212502	SE07M212501	SE07M212502



**Tapered**



**Damon\***

**RCS**

Wire Size	Tapered		Damon*		RCS	
	Upper	Lower	Upper	Lower	Upper	Lower
0.012"	SE081201	SE081202	SE091201	SE091202	SE041201	SE041202
0.014"	SE081401	SE081402	SE091401	SE091402	SE041401	SE041402
0.016"	SE081601	SE081602	SE091601	SE091602	SE041601	SE041602
0.018"	SE081801	SE081802	SE091801	SE091802	SE041801	SE041802
0.020"	SE082001	SE082002	SE092001	SE092002	SE042001	SE042002
0.016"x0.016"	SE08161601	SE08161602	SE09161601	SE09161602	SE04161601	SE04161602
0.016"x0.022"	SE08162201	SE08162202	SE09162201	SE09162202	SE04162201	SE04162202
0.017"x0.022"	SE08172201	SE08172202	SE09172201	SE09172202	SE04172201	SE04172202
0.017"x0.025"	SE08172501	SE08172502	SE09172501	SE09172502	SE04172501	SE04172502
0.018"x0.022"	SE08182201	SE08182202	SE09182201	SE09182202	SE04182201	SE04182202
0.018"x0.025"	SE08182501	SE08182502	SE09182501	SE09182502	SE04182501	SE04182502
0.019"x0.025"	SE08192501	SE08192502	SE09192501	SE09192502	SE04192501	SE04192502
0.021"x0.025"	SE08212501	SE08212502	SE09212501	SE09212502	SE04212501	SE04212502

\* Our version of the Roth arch-shape is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth. Our version of the Damon archform is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Damon.



# ARCHWIRES & SPRINGS

## Niti Thermal Active Arch Wires

Niti thermal active arch wires react to heat in a unique way: cold temperature make the arch wire extremely malleable and able to create unique bends in the arch wire without kinking. Once the wire begins to heat up, it restores its original form, putting the wire to work as soon as it's engaged.



**Square**



**Ovoid**



**Natural**

Wire Size	Upper	Lower	Upper	Lower	Upper	Lower
0.012"	SM011201	SM011202	SM021201	SM021202	SM031201	SM031202
0.014"	SM011401	SM011402	SM021401	SM021402	SM031401	SM031402
0.016"	SM011601	SM011602	SM021601	SM021602	SM031601	SM031602
0.018"	SM011801	SM011802	SM021801	SM021802	SM031801	SM031802
0.020"	SM012001	SM012002	SM022001	SM022002	SM032001	SM032002
0.016"x0.016"	SM01161601	SM01161602	SM02161601	SM02161602	SM03161601	SM03161602
0.016"x0.022"	SM01162201	SM01162202	SM02162201	SM02162202	SM03162201	SM03162202
0.017"x0.022"	SM01172201	SM01172202	SM02172201	SM02172202	SM03172201	SM03172202
0.017"x0.025"	SM01172501	SM01172502	SM02172501	SM02172502	SM03172501	SM03172502
0.018"x0.022"	SM01182201	SM01182202	SM02182201	SM02182202	SM03182201	SM03182202
0.018"x0.025"	SM01182501	SM01182502	SM02182501	SM02182502	SM03182501	SM03182502
0.019"x0.025"	SM01192501	SM01192502	SM02192501	SM02192502	SM03192501	SM03192502
0.021"x0.025"	SM01212501	SM01212502	SM02212501	SM02212502	SM03212501	SM03212502

10 PACK

# ARCHWIRES & SPRINGS

## Niti Thermal Active Arch Wires



**Zz Medium**



**Lingual Medium**

Wire Size	Upper	Lower	Upper	Lower
0.012"	SM06M1201	SM06M1202	SM07M1201	SM07M1202
0.014"	SM06M1401	SM06M1402	SM07M1401	SM07M1402
0.016"	SM06M1601	SM06M1602	SM07M1601	SM07M1602
0.018"	SM06M1801	SM06M1802	SM07M1801	SM07M1802
0.020"	SM06M2001	SM06M2002	SM07M2001	SM07M2002
0.016"x0.016"	SM06M161601	SM06M161602	SM07M161601	SM07M161602
0.016"x0.022"	SM06M162201	SM06M162202	SM07M162201	SM07M162202
0.017"x0.022"	SM06M172201	SM06M172202	SM07M172201	SM07M172202
0.017"x0.025"	SM06M172501	SM06M172502	SM07M172501	SM07M172502
0.018"x0.022"	SM06M182201	SM06M182202	SM07M182201	SM07M182202
0.018"x0.025"	SM06M182501	SM06M182502	SM07M182501	SM07M182502
0.019"x0.025"	SM06M192501	SM06M192502	SM07M192501	SM07M192502
0.021"x0.025"	SM06M212501	SM06M212502	SM07M212501	SM07M212502



**Tapered**



**Damon\***

Wire Size	Upper	Lower	Upper	Lower
0.012"	SM081201	SM081202	SM091201	SM091202
0.014"	SM081401	SM081402	SM091401	SM091402
0.016"	SM081601	SM081602	SM091601	SM091602
0.018"	SM081801	SM081802	SM091801	SM091802
0.020"	SM082001	SM082002	SM092001	SM092002
0.016"x0.016"	SM08161601	SM08161602	SM09161601	SM09161602
0.016"x0.022"	SM08162201	SM08162202	SM09162201	SM09162202
0.017"x0.022"	SM08172201	SM08172202	SM09172201	SM09172202
0.017"x0.025"	SM08172501	SM08172502	SM09172501	SM09172502
0.018"x0.022"	SM08182201	SM08182202	SM09182201	SM09182202
0.018"x0.025"	SM08182501	SM08182502	SM09182501	SM09182502
0.019"x0.025"	SM08192501	SM08192502	SM09192501	SM09192502
0.021"x0.025"	SM08212501	SM08212502	SM09212501	SM09212502

# ARCHWIRES & SPRINGS

## Springs

The unique nickel titanium alloy is precision formed into close springs. The springs provide consistent force and remain active until the space is closed. Consistent force values and full recovery are both achieved routinely with Niti close springs. Our close springs are available in 2 lengths and three types (No eye-let, two small eye-lets and 1 small eye-let and 1 big eye-let).

### NiTi Close Spring with No Eye-let

Length	.010 inch.	.012 inch.
6mm	CS1006	CS1206
9mm	CS1009	CS1209



### NiTi Close Spring with 2 Small Eye-let

Length	.010 inch.	.012 inch.
6mm	CS1006B	CS1206B
9mm	CS1009B	CS1209B



### NiTi Close Spring with 1 Small Eye-let and 1 Big Eye-let

Length	.010 inch.	.012 inch.
6mm	CS1006D	CS1206D
9mm	CS1009D	CS1209D



### Niti Open Springs

Open and maintain space gently and efficiently in a length of 178mm.

Length	.010 inch.	.012 inch.
178mm	OS1018	OS1218



### Ligature Wires(30g/roll)

Annealed stainless steel

0.2 mm	SS-601-20
0.25 mm	SS-601-25
0.3 mm	SS-601-30



### Kobayashi Ligature Wires(10 pieces/pack)

Ligature wire with hooks for elastics

	Long	Short
0.3 mm	SS61230	SS-612-30

