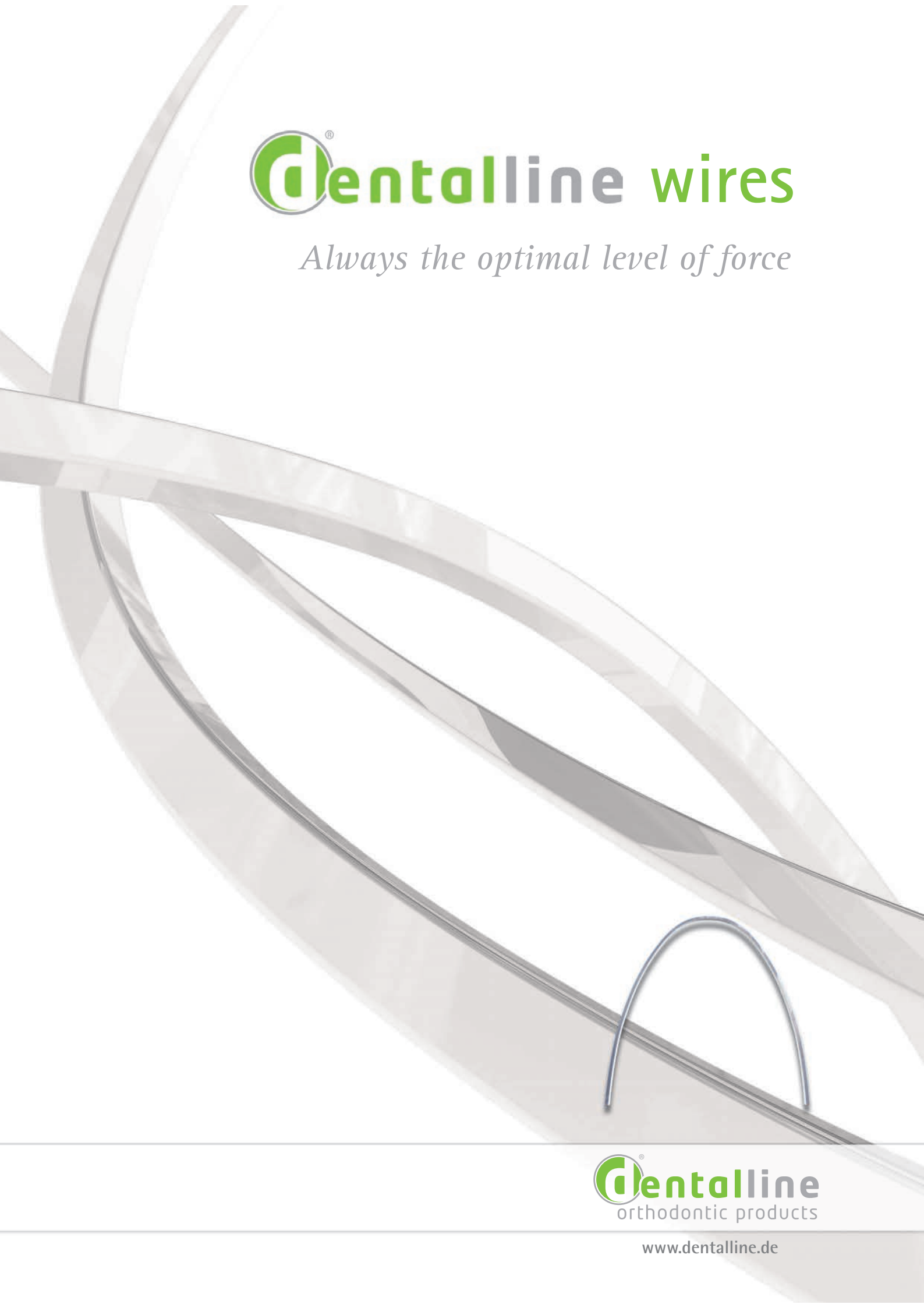
dentalline wires

Always the optimal level of force



dentalline
orthodontic products

www.dentalline.de

ADAPTED FORCES ...

One of the most important aspects of a successful multiband orthodontic treatment is the targeted, well dosed application of continuous forces. The more optimally the used force level complies with each treatment stage, the more controlled tooth movements can be realized and unwanted side effects can be avoided.

dentalline provides a whole range of high-quality wires–individually adjusted on each treatment situation. Whether Nickel Titanium, Titanium Molybdenum or Stainless Steel; round, rectangular or twisted–with dentalline archwires you will always choose the optimal level of force. For effective force transfer, gentle corrections and best treatment successes. But when is recommended the use of what wire? Often it is difficult to choose the individual wire qualities.

WHICH WIRE IN WHICH TREATMENT STAGE?

Levelling

Just in levelling stage we sometimes have to balance larger vertical and horizontal tooth position differences. This requires that a significant part of the used wire can undisturbed slide through the brackets. If initially round twisted, soft or superelastic wires of small rigidity are used here, regional level differences of teeth can be balanced carefully with small force application.

Alignment

In the further treatment process increasingly rectangular wires of higher rigidity are used. With medium force level so e.g. first tasks of derotation, angulation and/or torque can be solved.

Leading

In the following leading stage a closure of extraction spaces is performed. In order to ensure a controlled leading of the teeth into their correct position here (even over large distances), not completely slot filling archwires of high rigidity should be used with the application of stronger forces.

... FOR CONTROLLED TOOTH MOVEMENTS

	Levelling	Alignment	Leading	Contraction	Finishing	Retention
NiTi SE	●	●	●/■	■		
NiTi Light Force	●	●	●/■	■		
NiTi Thermally Plus	●	●/■		■		
NiTi Thermally	●	●/■				
NiTi SE with anterior torque		●/■	■	■		
NiTi Ortho-Kabel 7 Twist™	●	●/■				
NiTi Never Unwinding Ortho-Kabel 7 Twist™	●	●/■				
NiTi 3-Stepped-Force™		●/■				
Composite-NiTi (NiTi/TMA)		●/■				
Composite-NiTi (NiTi/SS)		●/■	●/■			
NiTi Reverse Curve/Spee		●/■	●/■			
TMA					●/■	●/■
Multi-TMA					●/■	●/■
SS				■	●/■	
Ortho-Kabel 7 Twist™ SS					●/■	●/■
NiTi SE, tooth-coloured or white	●	●	●/■	■		
Plated SE NiTi	●	●	●/■	■		
Plated TMA		●/■	●/■		●/■	●/■
Plated SS		●/■	●/■		●/■	
Dual Effect NiTi			●/■	●/■		
Dual Effect TMA			●/■	●/■		
Dual Effect Multi-TMA			●/■	●/■		
Dual Effect SS			●/■	●/■		

Recommended use of dentalline wires in the various treatment stages ● round ■ rectangular

Contraction

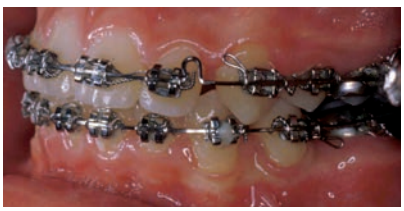
In particular in extraction cases as well as during dentoalveolar compensation of Angle class II the contraction stage is required. Retraction of the anterior segment is taking place. This movement of whole groups of teeth can be realized with the help of retraction loops or sliding mechanics (elastic chains, tieback). For this purpose the use of well bendable, not slot filling rectangular wires is recommended.

Finishing

In the finishing stage final axial corrections of tooth position and intercuspation take place. Easy to form archwires should be used here, so that any correction bends for final adjustment of the occlusion can be easily realized, without the application of too excessive forces.

Retention

No less important for the treatment success is the retention stage. So e.g. bonded retainers from easy to form, twisted wires with small force application can be used after debonding for stabilization of the therapy result.



Trust in our experience

For more than forty years dentalline distributes quality products for the orthodontic need. Four decades, in which due to the always close co-operation with clinicians, universities and industrial partners an extensive wealth of experience could be created.
Since 2007 dentalline manufactures Nickel Titanium wires in own production. A highly qualified technician team under the direction of two scientists with approximately 20 years NiTi material study experience is thereby available as competent partners. A highly precise, accurate dimension production process as well as a permanent, strict quality control guarantee excellent wire characteristics. For minimum friction values and best treatment results. In 2008 dentalline receives the EG certificate with the CE 0483. Besides the company is ISO-certified after 9001:2000 and 13485.

NiTi ARCHWIRES

NiTi SE

Lev, A, Lead, C

Superelastic NiTi wires are particularly indicated for use with selfligating bracket systems. Due to its extremely smooth surface the friction between bracket and archwire is significantly reduced. Thus losses when transferring forces can be minimized and treatments can be arranged more effective. The higher elasticity and small regidity of the wire make this an ideal orthondontic material, which shortens the duration of therapy by gentle and constant recovery forces.

- .010", .012", .014", .016", .018", .020"

- .014" x .025"
  .016" x .016" | .016" x .022" | .016" x .025"
  .017" x .022" | .017" x .025"
  .018" x .018" | .018" x .022" | .018" x .025"
  .019" x .025"
  .020" x .020"
  .021" x .025"

NiTi Light Force

Lev, A, Lead, C

The NiTi Light Force provides similar qualities as the superelastic NiTi archwire, but with much lower force level. NiTi Light Force archwires are permanently deformation resistent and easy to ligate even with strongly pronounced malocclusions.

- .010", .012", .014", .016", .018", .020"

- .014" x .025"
  .016" x .016" | .016" x .022" | .016" x .025"
  .017" x .022" | .017" x .025"
  .018" x .018" | .018" x .022" | .018" x .025"
  .019" x .025"
  .020" x .020"
  .021" x .025"

NiTi Thermally Plus

Lev, A, C

The NiTi Thermally Plus offers an extremely low force level. Its constant force application enables a continuous therapeutic effect with high patient comfort. Easy to ligate, the NiTi Thermally Plus provides an excellent thermal capacity and temperature sensitivity.

- ● .010", .012", .014", .016", .018", .020"
- ■ .014" x .025"
  .016" x .016" | .016" x .022" | .016" x .025"
  .017" x .022" | .017" x .025"
  .018" x .018" | .018" x .022" | .018" x .025"
  .019" x .025"
  .020" x .020"
  .021" x .025" | .021" x .028"

NiTi Thermally

Lev, A

Due to its low and constant force application the NiTi Thermally archwire with round cross-section is perfect suitable as initial wire. At room temperature soft and flexible, it can be ligate easily and without any problems. Brought in the mouth, the NiTi Thermally develops its gentle force (Shape Memory Effect).

With the help of rectangular and square NiTi Thermally archwires besides first tasks of rotation or torque can be solved in a gentle way.

- ● .010", .012", .014", .016", .018", .020"
- ■ .014" x .025"
  .016" x .016" | .016" x .022" | .016" x .025"
  .017" x .022" | .017" x .025"
  .018" x .018" | .018" x .022" | .018" x .025"
  .019" x .025"
  .020" x .020"
  .021" x .025"

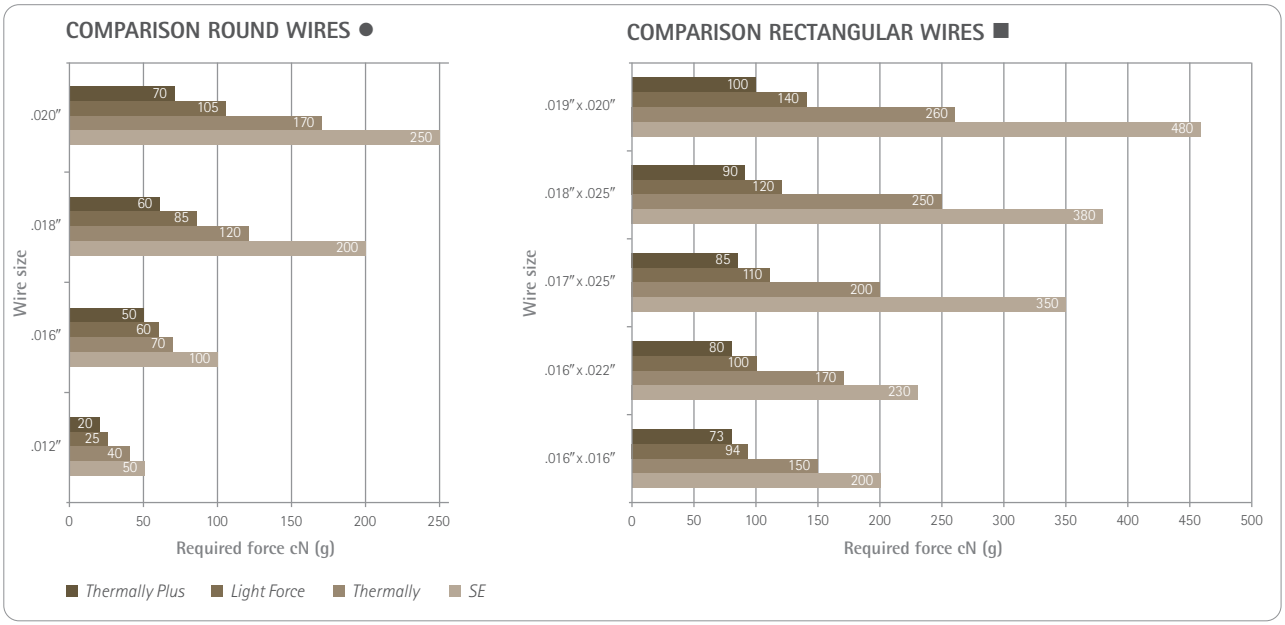
NiTi SE with anterior torque 20°

Lev, A, Lead, C

To strengthen torque in the anterior segment the NiTi SE with anterior torque is available. This rectangular wire was specially developed for Damon™* technique and offers the same qualities as the classical NiTi SE. It is available with an anterior width of 28, 34 and 38 mm.

- ■ (Natural-Style)
  .016" x .022" | .016" x .025" | .017" x .025"| .019" x .025"
- ■ (Damon-Style)
  .016" x .025" | .017" x .025" | .019" x .025"

  Anterior width each
  28 mm | 34 mm | 38 mm



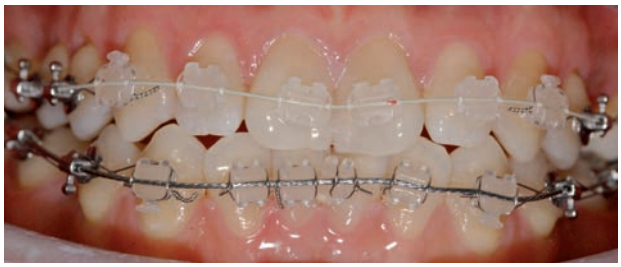
Force value table: comparison of Thermally Plus, Light Force, Thermally and NiTi SE.

** Damon™ is a registered trademark of the Ormco Corporation.*

Twisted NiTi Archwires

NiTi Ortho-Kabel 7 Twist™

Lev, A



Used in the lower anterior segment crowding case with the target position by lower incisors upright or lingual movement.

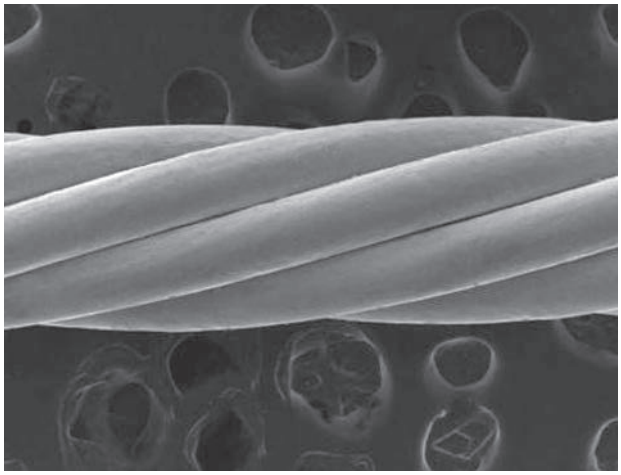
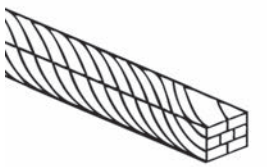


Image from a scanning electron microscope (200x magnification) of the surface quality of NiTi Ortho-Kabel 7 Twist™ with round cross-section.

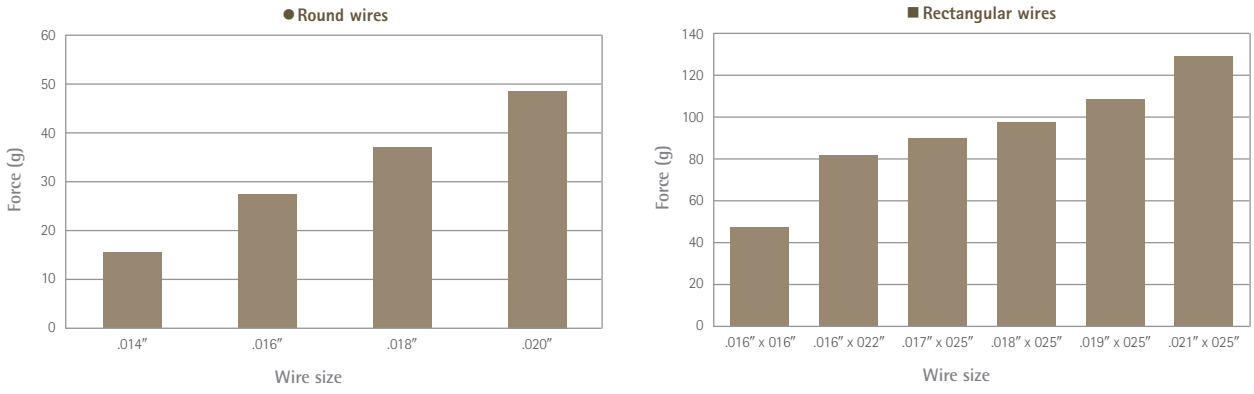
The NiTi Ortho-Kabel 7 Twist™ archwire provides an excellent anti-deformation property. It is a special 7-strand coaxial archwire that maintains its wire shape unchanged due to its very high resilience during the whole therapeutical period. The extraordinary soft, flexible NiTi Ortho-Kabel 7 Twist™ is available as round and rectangular wire and applies very gentle forces with high patient comfort. It is easy to engage, even in the most severe crowding cases, which makes it the ideal initial wire. If first tasks of torquing are already to be realized during levelling, the use of rectangular wires is recommended. The unique wire structure and special polished wire surface ensure enhanced sliding mechanics. NiTi Ortho-Kabel 7 Twist™ archwires are available as preformed or in straight length. In order to prevent wire unwinding after shortening, the use of dentalline titanium stops is recommended.

● .014″, .016″, .018″, .020″



■ .016″ x .016″ | .016″ x .022″
.017″ x .025″
.018″ x .025″
.019″ x .025″
.021″ x .025″

COMPARISON OF THE RECOVERY FORCE OF NITI ORTHO-KABEL 7 TWIST™ ARCHWIRE WITH ROUND AND RECTANGULAR CROSS-SECTION.



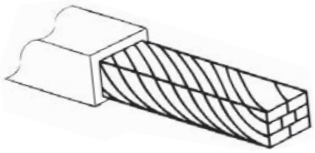
NiTi Never Unwinding Ortho-Kabel 7 Twist™

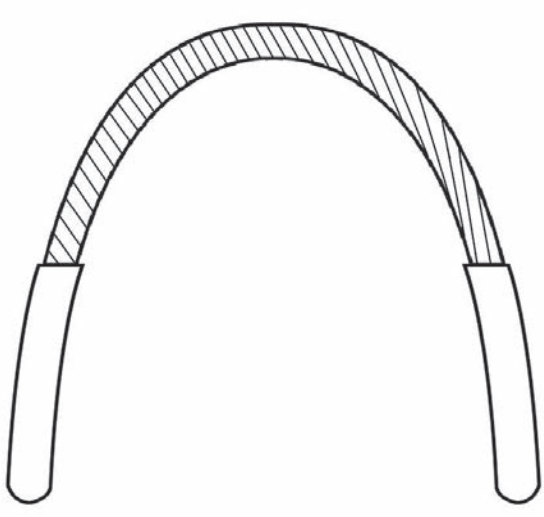
Lev, A

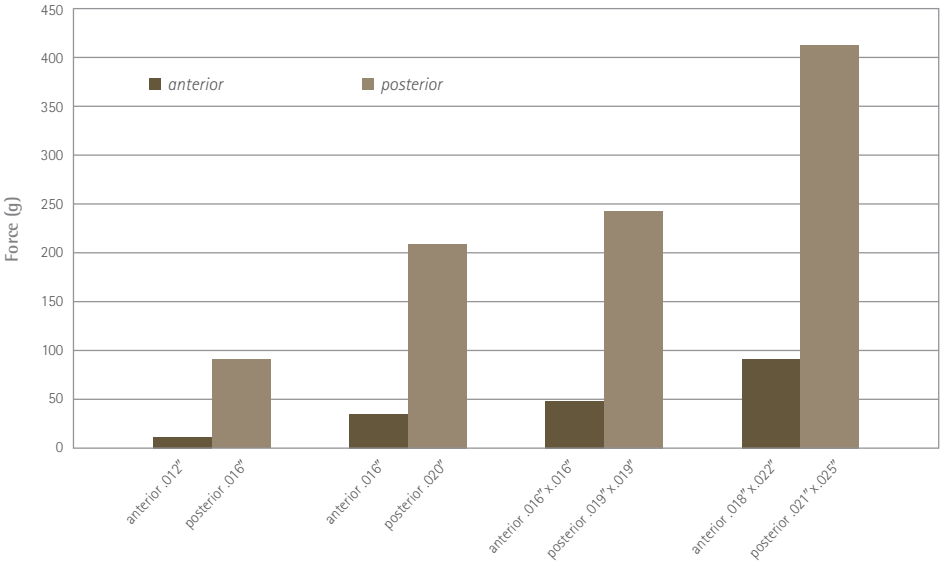
Contrary to the standard version this extended 7-strand coaxial archwire has a large sized, solid posterior segment. This special processed wire segment provides a higher stiffness for better anchorage control. The NiTi Never Unwinding Ortho-Kabel 7 Twist™ ensures an easy ligating process and never unwinding in the posterior.

● (anterior/posterior)
.013″ / .016″
.014″ / .017″
.015″ / .018″
.016″ / .019″
.017″ / .020″

■ (anterior/posterior)
.014″ x .025″ / .017″ x .028″
.016″ x .016″ / .019″ x .019″
.016″ x .022″ / .019″ x .025″
.017″ x .017″ / .020″ x .020″
.017″ x .025″ / .020″ x .028″
.018″ x .018″ / .021" x .021″
.019″ x .025″ / .022″ x .028″



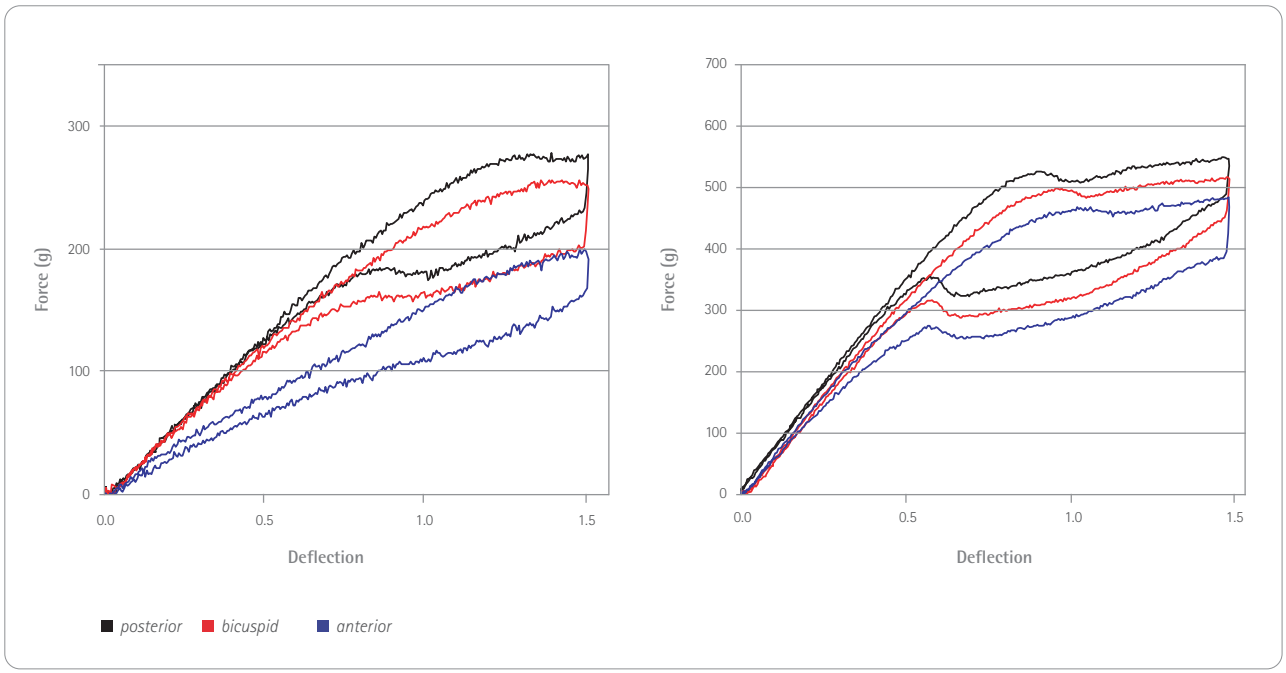




← *Comparison of the recovery force in the anterior and posterior segment of NiTi Never Unwinding Ortho-Kabel 7 Twist™ archwires*

TREATMENT STAGE: **LEV=**Levelling **A=**Alignment **LEAD=**Leading **C=**Contraction **F=**Finishing **R=**Retention

Combined NiTi Archwires

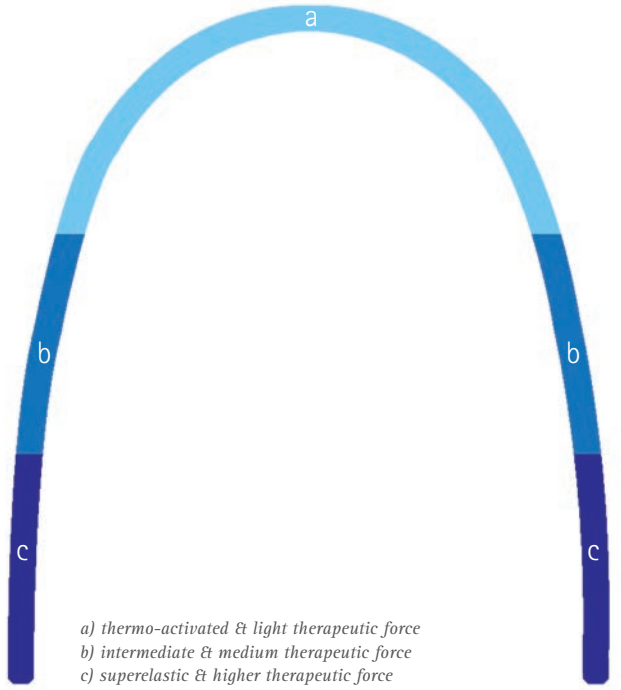


Force value curves of NiTi 3-Stepped-Force™ archwires .018″ and .016″ x .022″.

NiTi 3-Stepped-Force™

Lev

The NiTi 3-Stepped-Force™ combines superelastic and thermo-active qualities. The archwire has three force-adapted wire segments: While the wire is thermo-active in the front (gentle forces), it shows superelastic qualities with higher force application in the posterior. In the bicuspid segment however, the NiTi 3-Stepped-Force™ works with medium therapeutic force. This increases from front to rear. The arch form of the NiTi 3-Stepped-Force™ with the three functional areas can on request be individually adjusted.



a) thermo-activated & light therapeutic force
b) intermediate & medium therapeutic force
c) superelastic & higher therapeutic force

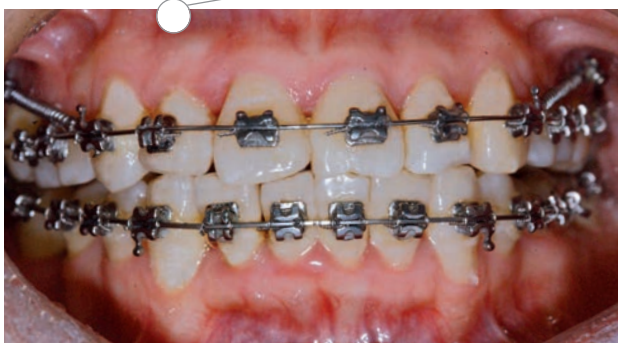
- .012″, .014″, .016″, .018″, .020″

- .014″ x .025″
  .016″ x .016″ | .016″ x .022″ | .016″ x .025″
  .017″ x .022″ | .017″ x .025″
  .018″ x .018″ | .018″ x .022″ | .018″ x .025″
  .019″ x .025″
  .020″ x .020″
  .021″ x .025″

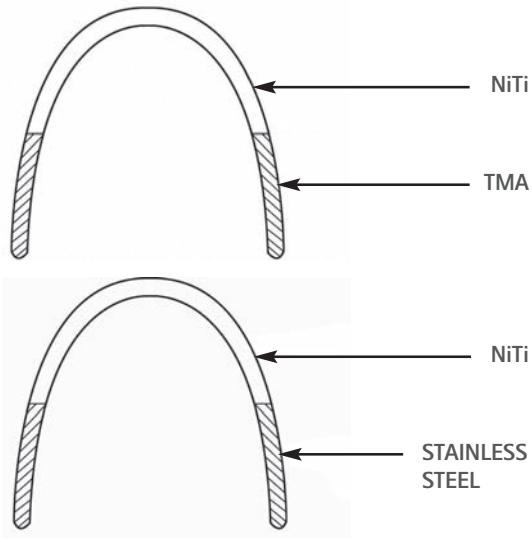
Composite NiTi

Lev, Lead

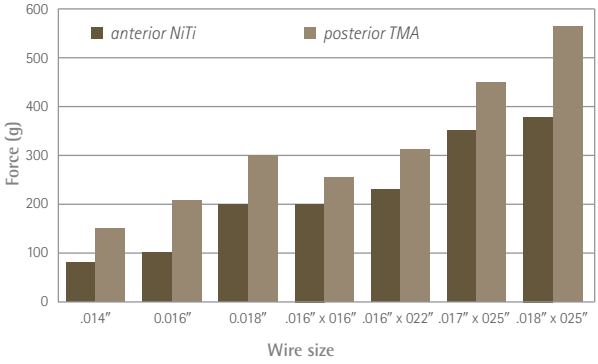
Alignment by NiTi anterior segment, canine retraction by miniscrew in the Stainless Steel posterior segment.



A combination of two different alloys in one wire offers the Composite NiTi. The unique archwire connects a Nickel Titanium Alloy in the canine to canine segment either with a Stainless Steel or a Titanium Molybdenum Alloy in the posterior segment. The wire available with round and rectangular cross-section enables an easy alignment in the anterior while maintaining anchorage in the posterior. The Composite NiTi can be used throughout the whole treatment where lighter force applications with maintained anchorage are indicated.



RECOVERY FORCE OF COMPOSITE NiTi



- .014", .016", .018"

- .014" x .025"
  .016" x .016" | .016" x .022" | .017" x .025"
  .018" x .025"

NiTi Anti Spee Archwires

NiTi Reverse Curve/Spee Archwire

Lev, Lead

In particular for the correction of strongly pronounced vertical malocclusions the use of the NiTi Reverse Curve/Spee archwire is recommended. With good patient comfort this archwire ensures the delivery of gentle, constant forces.

- .012", .014", .016", .018", .020"

- .014" x .025"
  .016" x .016" | .016" x .022" | .016" x .025"
  .017" x .022" | .017" x .025"
  .018" x .018" | .018" x .022" | .018" x .025"
  .019" x .025"
  .020" x .020"
  .021" x .025"

NiTi Reverse Curve/Spee Archwire with anterior torque:

- .016" x .025" I .017" x .025" I .019" x .025"
  28, 34 und 38 mm anterior width

NiTi Reverse Curve/Spee Archwire coated:

- .012", .014", .016", .018", .020"

- .016" x .022" I .016" x .025" I .018" x .025"

TITANIUM MOLYBDENUM ALLOY ARCHWIRE

TMA* archwire and 14″ straight length

F, R

This nickel-free wire from a Titanium Molybdenum Alloy is very suitable for finishing. Due to its high elasticity it can be optimally shaped, so that compensatory bends can be ideally realized. The TMA wire provides an excellent form stability (resilience) with in comparison to the Stainless Steel wire lower and contrary to the NiTi archwire stronger force level.

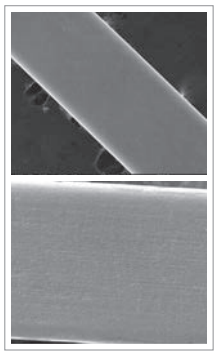
- ● .012″, .014″, .016″, .018″, .020″, .031″
- ■ .014″ x .025″
  .016″ x .016″ | .016″ x .022″ | .016″ x .025″
  .017″ x .022″ | .017″ x .025″
  .018″ x .018″ | .018″ x .022″ | .018″ x .025″ | .0182″ x .0182″
  .019″ x .025″
  .020″ x .020″
  .021″ x .025″

Multi™ TMA archwire and straight length

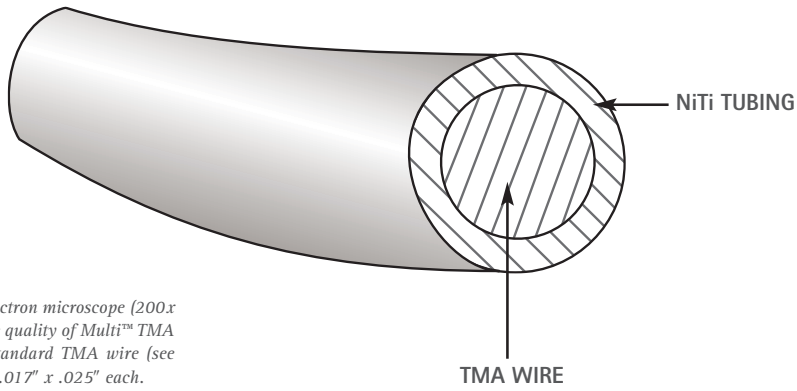
F, R

Contrary to the classical TMA archwire the Multi™ TMA covered up with a Nickel Titanium Alloy offers an approximately four to seven times larger tension potential. Besides the risk regarding material fatigue could be significantly reduced in comparison to the TMA standard archwire. A further advantage of the Multi™ TMA archwire represents its excellent surface quality. Thus the extremely smooth and shining wire surface offers lowest friction values due to its optimized hardness, for optimal patient comfort and more effective treatment successes.

- ● .012″, .014″, .016″, .018″, .020″
- ■ .014″ x .025″
  .016″ x .016″ | .016″ x .022″ | .016″ x .025″
  .017″ x .022″ | .017″ x .025″
  .018″ x .018″ | .018″ x .022″ | .018″ x .025″
  .019″ x .025″
  .020″ x .020″
  .021″ x .025″



← Image from a scanning electron microscope (200x magnification) of the surface quality of Multi™ TMA archwire (see above) and standard TMA wire (see below) with a dimension of .017″ x .025″ each.



TREATMENT STAGE: **LEV=**Levelling **A=**Alignment **LEAD=**Leading **C=**Contraction **F=**Finishing **R=**Retention

STAINLESS STEEL ARCHWIRES

Preformed (Natural-Style)

- .012", .013", .014", .016", .018", .020"

■ .014" x .025"
.016" x .016" | .016" x .022" | .016" x .025"
.017" x .017" | .017" x .022" | .017" x .025"
.018" x .018" | .018" x .025"
.019" x .019" | .019" x .025"
.020" x .020"
.021" x .025"

Preformed (Natural-Style)

- .012", .014", .016", .018", .020"

■ .016" x .016" | .016" x .022"
.017" x .017" | .017" x .022" | .017" x .025"
.018" x .018" | .018" x .025"
.019" x .019" | .019" x .025"
.020" x .020"
.021" x .025"

Stainless Steel archwire, preformed and straight length

C, F

If larger force applications are required or precise torque control is needed in the finishing stage of treatment, the use of Stainless Steel archwires is indicated. Easy to shape, they offer a smooth low-friction surface and are ideal for retraction of the anterior segment or also for later detailing of the occlusion.

Straight length

- .012", .014", .016", .018", .020", .022", .024"
.026", .028", .030", .032", .036", .040", .045", .051"

■ .016" x .016" | .016" x .022" | .016" x .024"
.017" x .025"
.018" x .018" | .018" x .022" | .018" x .025"
.019" x .025"
.021" x .025"

Ortho-Kabel 7 Twist™ Stainless Steel, archwire and straight length

F, R

The 7-strand coaxial Ortho-Kabel 7 Twist™ is available with round or square/rectangular cross-section. Manufactured of biocompatible Stainless Steel, the easy to shape wire with high resilience provides an application of low forces. This makes it the ideal wire in the finishing stage of a multiband treatment (e.g. remaining torque). Besides the Ortho-Kabel 7 Twist™ Stainless Steel archwire can be alternatively to the NiTi Ortho-Kabel 7 Twist™ used as initial wire or as retainer wire after treatment. The unique wire structure as well as the during a special refinement process optimized surface ensure best mechanical sliding qualities. Ortho-Kabel 7 Twist™ Stainless Steel archwires are available preformed and in straight length.

Effective alignment of lower incisors while maintaining upright position.

- .014", .016", .018", .020"

■ .016" x .016" | .016" x .022"
.017" x .025"
.018" x .025"
.019" x .025"
.021" x .025"

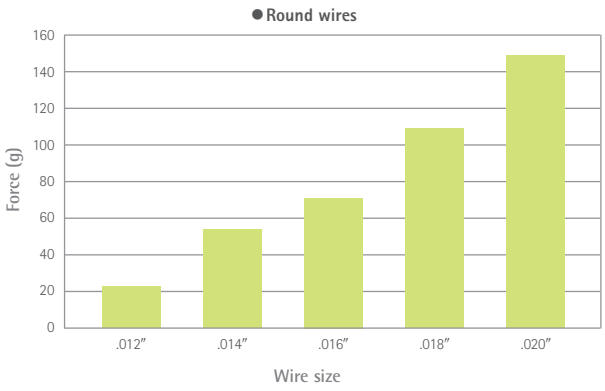
Plated Stainless Steel Archwires

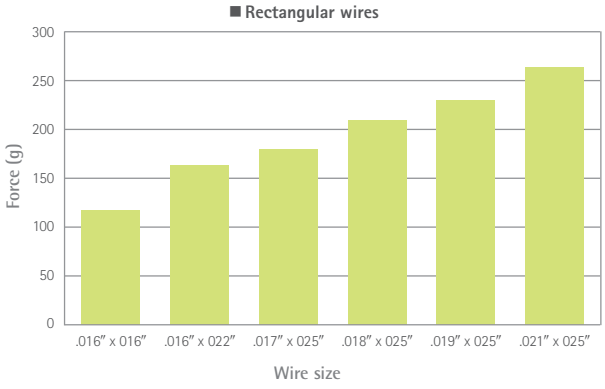
(☞ AESTHETIC ARCHWIRES)

Dual Effect Stainless Steel Archwires

(☞ ROUND/RECTANGULAR ARCHWIRES)

RECOVERY FORCE OF ORTHO-KABEL 7 TWIST™ STAINLESS STEEL ARCHWIRE





AESTHETIC ARCHWIRES

NiTi SE, tooth-coloured or white

Lev, A, Lead, C

Due to the white (Maxillary) or tooth-coloured (Mandibular) coating this wire is hardly visible.

Due to its permanent tooth-coloured and/or white synthetic coating this superelastic NiTi archwire represents the optimal choice for aesthetic treatments. Like the classical NiTi wire from dentalline it offers the same excellent quality characteristics. Thus the extremely smooth surface ensures the effective transfer of forces with minimized friction. Due to the high flexibility an easy ligating is realizable.

- .010″, .012″, .014″, .016″, .018″, .020″

- .014″ x .025″
  .016″ x .016″ | .016″ x .022″ | .016″ x .025″
  .017″ x .022″ | .017″ x .025″
  .018″ x .018″ | .018″ x .022″ | .018″ x .025″
  .019″ x .025″
  .020″ x .020″
  .021″ x .025″

Plated

Lev, A, Lead, C, F, R

The rhodium-coated Plated archwires (Maxillary) ensure best sliding qualities as well as perfect aesthetics.

This new, rhodium-coated archwire optically improves white-silver shimmering and ensures perfect aesthetics. Applicable in every stage of multiband treatment, Plated convinces besides due to a special procedure to the refinement of the wire surface with best sliding qualities, so that the friction between bracket and archwire was minimized and losses when transferring working forces significantly were reduced. For more effective and faster treatment results. Beyond that the special manufacturing process of this wire guarantees a permanent stability of the coating. Plated archwires are available as superelastic NiTi, Stainless Steel or TMA.

- .010″, .012″, .014″, .016″, .018″, .020″

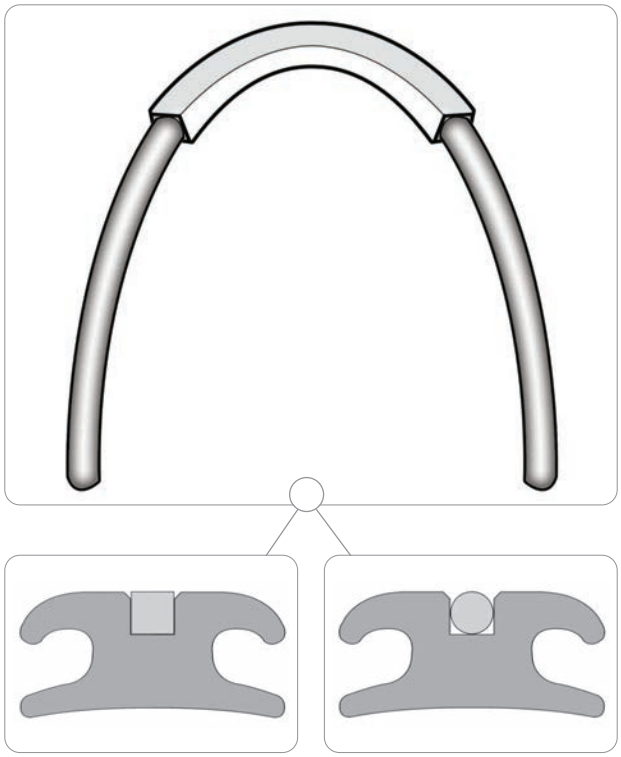
- .014″ x .025″
  .016″ x .016″ | .016″ x .022″ | .016″ x .025″
  .017″ x .022″ | .017″ x .025″
  .018″ x .018″ | .018″ x .022″ | .018″ x .025″
  .019″ x .025″
  .020″ x .020″
  .021″ x .025″

TREATMENT STAGE: **LEV=**Levelling **A=**Alignment **LEAD=**Leading **C=**Contraction **F=**Finishing **R=**Retention

ROUND/RECTANGULAR ARCHWIRES

Dual Effect archwires

Lead, C



Anterior part with rectangular cross-section for perfect torque control.

Posterior part with round cross-section to minimize the friction.

Dual Effect archwires have a two parted cross-section. Precisely produced from a single piece of wire, the Dual Effect archwire offers a square or rectangular cross-section in the anterior part and a round cross-section in the posterior part. Thus in the front segment a perfect torque control of the incisors is possible, while in the posterior segment a minimized friction can be ensured. Effective and efficient sliding mechanics allow quick successes during space closure stage. Due to the use of high-quality materials the most different requirements regarding strength and rigidity can be fulfilled with Dual Effect archwires. The wires are available as NiTi, TMA, Multi-TMA or Stainless Steel in all dentalline arch forms.

		Anterior	Anterior Length	Posterior Ø
Stainless Steel	Mandibular	.018″ x .018″	26 mm	.018″
	Maxillary	.018″ x .018″	28 mm	.018″
	Mandibular	.018″ x .018″	34 mm	.018″
	Maxillary	.018″ x .018″	38 mm	.018″
	Mandibular	.018″ x .022″	26 mm	.018″
	Maxillary	.018″ x .022″	28 mm	.018″
	Mandibular	.018″ x .022″	34 mm	.018″
	Maxillary	.018″ x .022″	38 mm	.018″
	Mandibular	.019″ x .025″	26 mm	.019″
	Maxillary	.019″ x .025″	28 mm	.019″
	Mandibular	.019″ x .025″	34 mm	.019″
	Maxillary	.019″ x .025″	38 mm	.019″
	Mandibular	.021″ x .025″	26 mm	.021″
	Maxillary	.021″ x .025″	28 mm	.021″
	Mandibular	.021″ x .025″	34 mm	.021″
	Maxillary	.021″ x .025″	38 mm	.021″
	Mandibular	.022″ x .022″	26 mm	.022″
	Maxillary	.022″ x .022″	28 mm	.022″
	Mandibular	.022″ x .022″	34 mm	.022″
	Maxillary	.022″ x .022″	38 mm	.022″
NiTi	Mandibular	.018″ x .018″	26 mm	.018″
	Maxillary	.018″ x .018″	28 mm	.018″
	Mandibular	.018″ x .018″	34 mm	.018″
	Maxillary	.018″ x .018″	38 mm	.018″
	Mandibular	.022″ x .022″	26 mm	.022″
	Maxillary	.022″ x .022″	28 mm	.022″
	Mandibular	.022″ x .022″	34 mm	.022″
	Maxillary	.022″ x .022″	38 mm	.022″
TMA	Mandibular	.018″ x .018″	26 mm	.018″
	Maxillary	.018″ x .018″	28 mm	.018″
	Mandibular	.018″ x .018″	34 mm	.018″
	Maxillary	.018″ x .018″	38 mm	.018″
	Mandibular	.022″ x .022″	26 mm	.022″
	Maxillary	.022″ x .022″	28 mm	.022″
	Mandibular	.022″ x .022″	34 mm	.022″
	Maxillary	.022″ x .022″	38 mm	.022″
Multi-TMA	Mandibular	.018″ x .018″	26 mm	.018″
	Maxillary	.018″ x .018″	28 mm	.018″
	Mandibular	.018″ x .018″	34 mm	.018″
	Maxillary	.018″ x .018″	38 mm	.018″
	Mandibular	.019″ x .025″	26 mm	.019″
	Maxillary	.019″ x .025″	28 mm	.019″
	Mandibular	.019″ x .025″	34 mm	.019″
	Maxillary	.019″ x .025″	38 mm	.019″
	Mandibular	.021″ x .025″	26 mm	.021″
	Maxillary	.021″ x .025″	28 mm	.021″
	Mandibular	.021″ x .025″	34 mm	.021″
	Maxillary	.021″ x .025″	38 mm	.021″
	Mandibular	.022″ x .022″	26 mm	.022″
	Maxillary	.022″ x .022″	28 mm	.022″
	Mandibular	.022″ x .022″	34 mm	.022″
	Maxillary	.022″ x .022″	38 mm	.022″

AUXILIARY

Stops

Mini Titan Crimpable Stop

The Mini Titan Crimpable Stops are crimped on the archwire by using a Weingart plier, in order to prevent a „walking of the wire. The stops are also suitable for twisted wires, in order to prevent a drawing up of the wire after cutting off. Manufactured from 100% pure Titanium, the stops offer a high biocompatibility.

Mini Titan Crimpable Stop, open

Size A:	.010″, .012″, .014″, .016″, .018″, .020″, .025″, .016″ x .016″
Size B:	.014″ x .025″ .016″ x .022″ | .016″ x .025″ .017″ x .022″ | .017″ x .025″ .018″ x .018″ | .018″ x .022″ | .018″ x .025″ .019″ x .025″ .020″ x .020″ .021″ x .025″

Mini Titan Crimpable Stop, closed

Size 1:	for wires .010″, .012″, .016″
Size 2:	for wires .016″, .018″, .020″
Size 3:	for wires .014″ x .025″ | .016″ x .016″ | .016″ x .022″ .018″ x .022″ | .020″ x .020″
Size 4:	for wires .016″ x .025″ | .017″ x .025″ | .018″ x .025″ .019″ x .025″ | .021″ x .025″

Springs

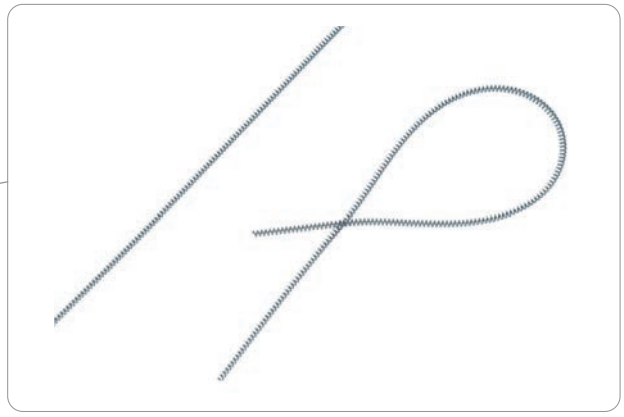
NiTi Coil Spring in reels (54 cm)

NiTi Coil Spring, open

Wire dimension	Inner Ø
.009″	.030″
	.036″
	.045″
.010″	.030″
	.036″
	.045″
.012″	.030″
	.036″
	.045″

NiTi Coil Spring closed, straight length, 3 x 18 cm

Wire dimensions .009", .010", .012", .014", .016", .018"
Inner Ø .030", .036", .045"



NiTi Coil Spring with eyelets

High elastic and extremely stable in shape spring, ideal tool to the solution of most diverse tasks of treatment.

TAD NiTi Coil Spring with eyelets

Wire dimensions .010", .012"
6, 9 and 12 mm Length

NiTi Coil Spring with eyelets

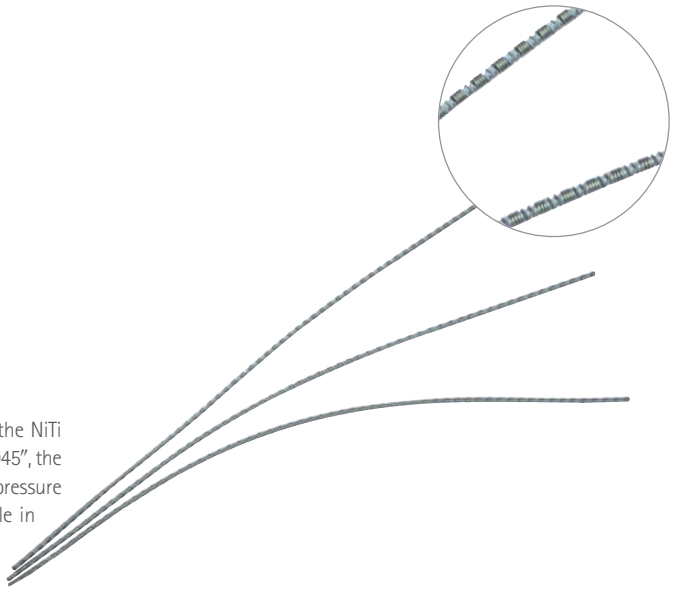
Wire dimensions
.009" (light, approx. 100 g)
.010" (medium, approx. 150 g)
.012" (strong, approx. 200 g)
(force by extension of 200 %)

6, 9 and 12 mm Length, Inner Ø .030", .036"

NiTi Coil Spring without eyelets

This NiTi Coil Spring is available in reels (length 530 mm) or in straight length 3 x 18 cm. The inner diameter is .030" or .036".

Wire dimension .009", .010", .012"



NiTi Molar Distalizing Spring

A successful, non-compliance alternative to Headgear represents the NiTi Molar Distalizing Spring. Having an inside diameter of .030", .035" or .045", the spring fits over all wire dimensions and ensures a light, but constant pressure for distalizing molars. The NiTi Molar Distalizing Spring is available in straight length 3 x 7" (17,8 cm) per package, in the wire dimensions .010" or .012", and is easy to use—only measure, cut off and insert.

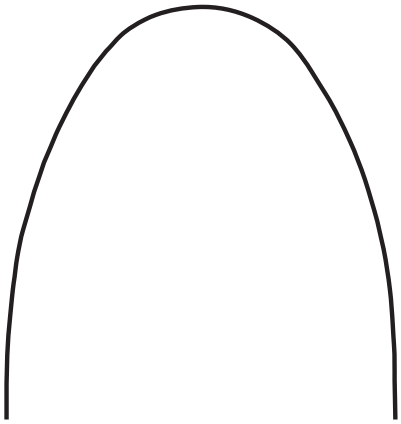
ARCH FORMS

Large selection

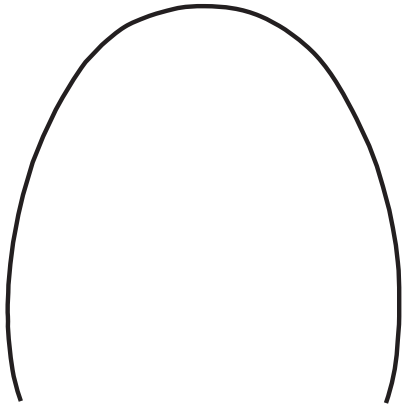
dentalline offers an extensive selection of more than 30 different arch shapes and designs. No matter whether buccal or lingual technique; Euro, Damon or Mushroom form—here you will find the optimal wire for your multiband therapy. You have a special wish or you need special customized wires? Then please don't hesitate to contact us.

Wire rack for 24 packages with 10 pieces each.

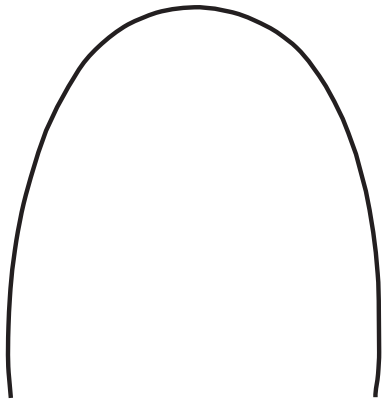
*Bio-Form according to Ricketts**



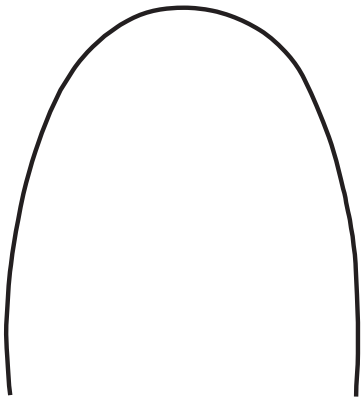
Bio-Form tapered



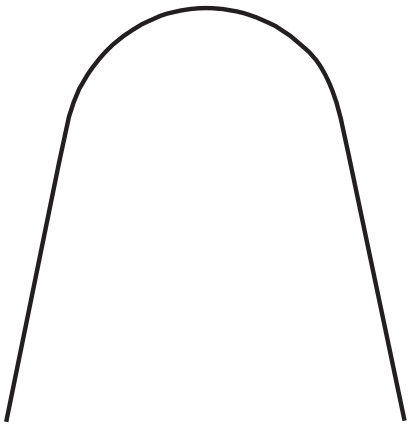
Bio-Form avoid



Bio-Form normal



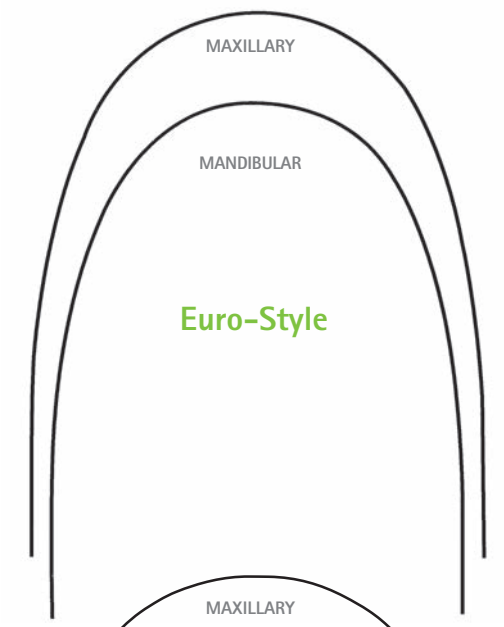
Bio-Form narrow tapered

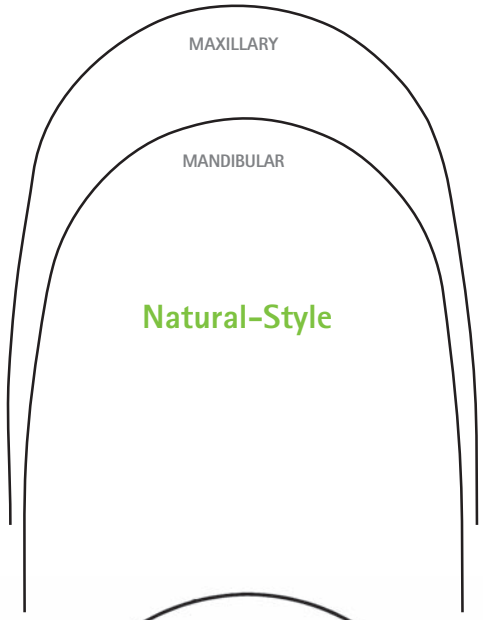


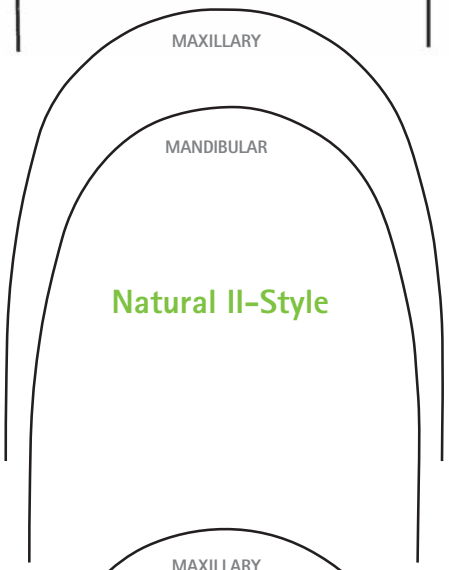
Bio-Form narrow avoid

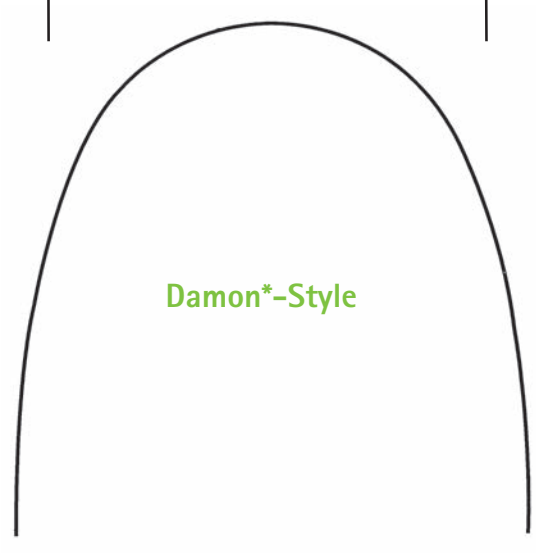
** Ricketts is a registered trademark of the RMO Company.*

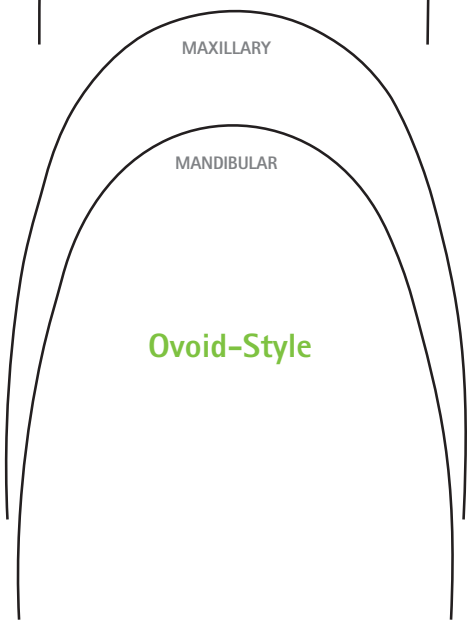
Standard arch forms





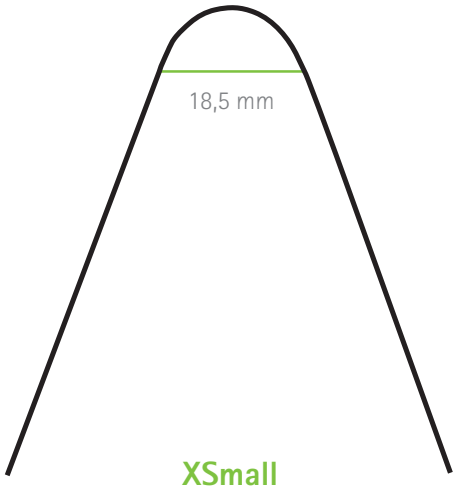




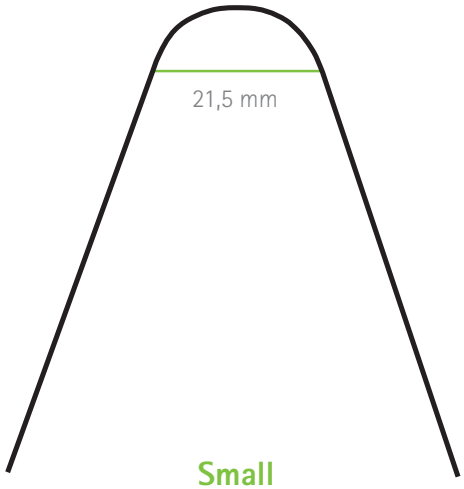


** Damon™ is a registered trademark of the Ormco Corporation.*

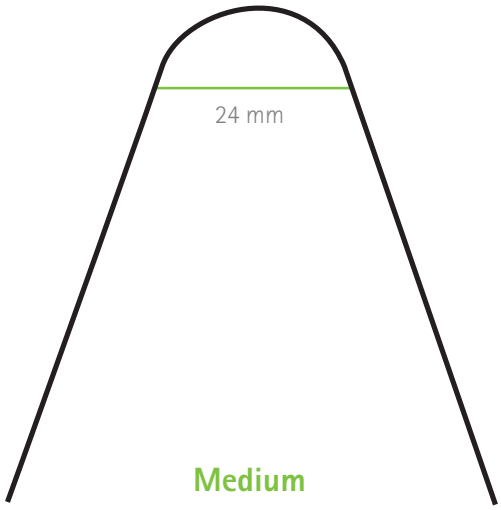
Lingual arch forms



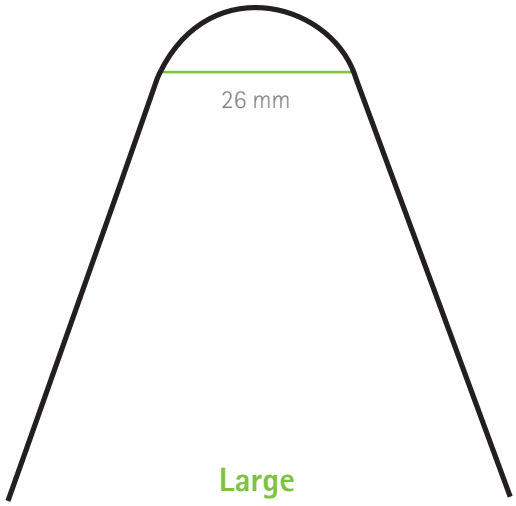
XSmall



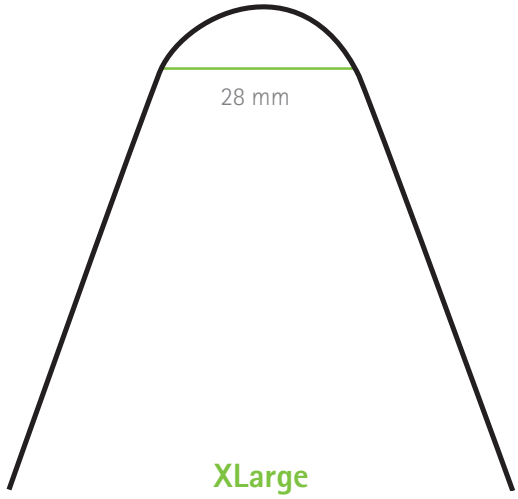
Small



Medium



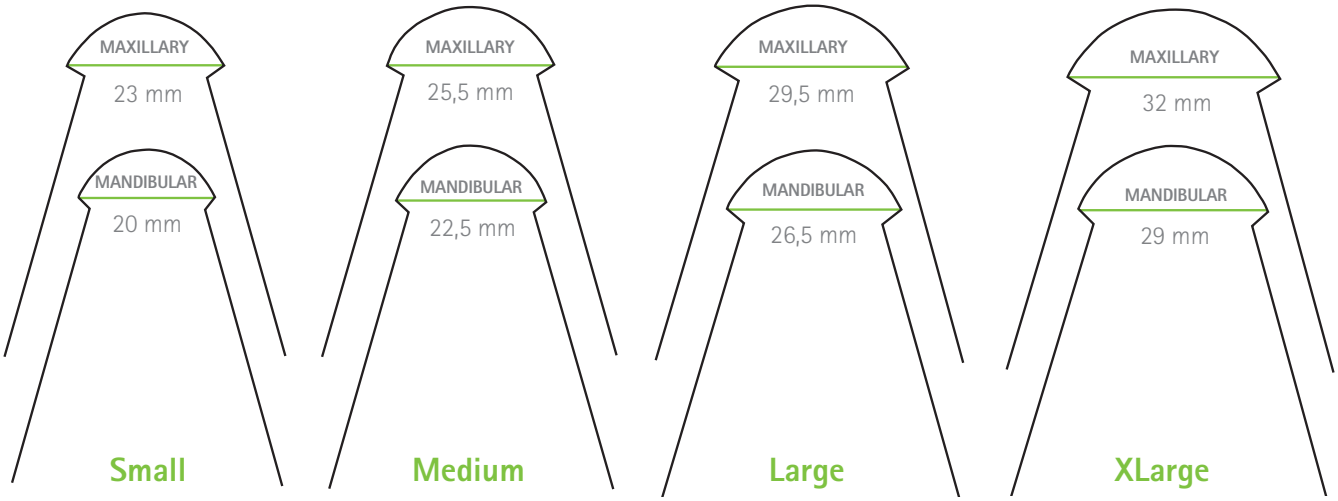
Large



XLarge

tolerance +/- 1 mm

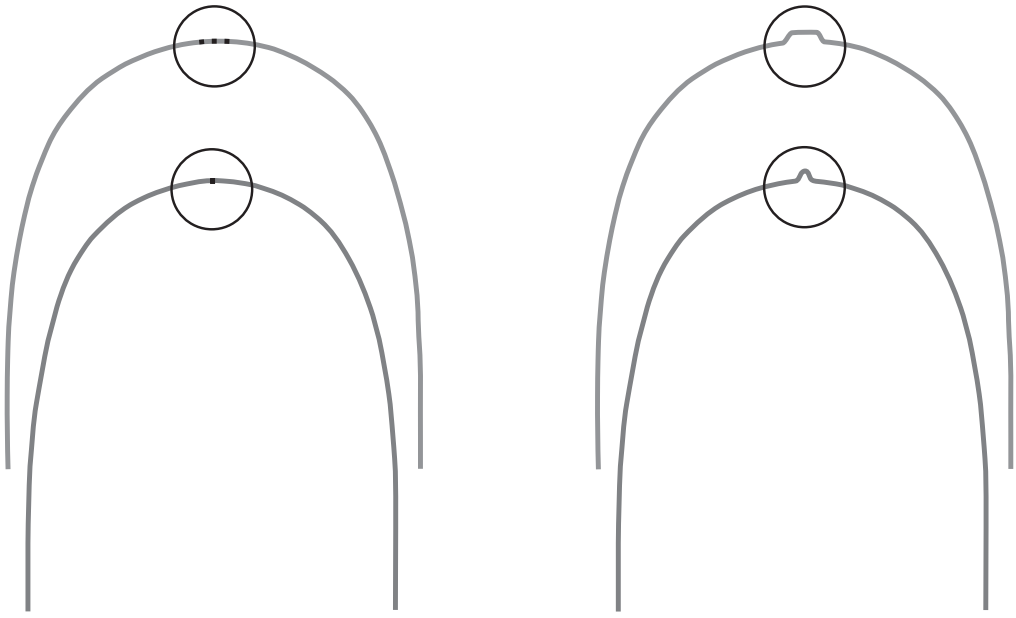
Lingual arch forms (Mushroom)



Midline marking

In order to facilitate the accurate ligation and the selection of the archwire, all dentalline wires are equipped with a midline marking. Three small lines in the center of the archwire mark the maxillary arch, a single line the mandibular arch.

All dentalline wires are available with a v-shaped dimple, which prevents an unwanted shifting of the midline. Furthermore all wires are available prefabricated with stops.



dentalline GmbH & Co. KG
Karlsruher Straße 91 • 75179 Pforzheim
Tel.: +49 (0) 72 31/97 81-0 • Fax: +49(0) 72 31/97 81-15
E-mail: info@dentalline.de
www.dentalline.de