

**Программа поставки**

Дуги / Заготовки / Проволока

Стр. 196

**Несъемная техника**

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**Съемная техника**

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**Небные и лингвальные дуги**

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## Проволоки • Дуги • Аксессуары

Высочайший уровень точности для надежного результата.

Anchorage system

Lingual system

Self-ligating brackets

Metal brackets

Aesthetic brackets

Buccal tubes

Bands

Adhesives

### Wires • Arches • Accessories

Class II appliances

Intra- and Extraoral

Supplies

Expansion screws

Orthodontic acrylics

Pliers • Instruments

Equipment

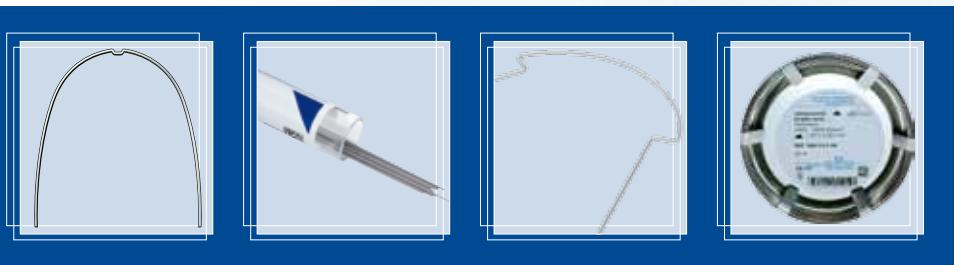
Knowledge

Courses

Service

## Проволока и дуги

Большой выбор - отличное качество.



### Широкий спектр продукции

#### Применимость практически при любых показаниях

Ассортимент проволоки, дуг и проволочных элементов компании Dentaurum очень широк и включает в себя как простую лабораторную проволоку так и дуги, изготовленные из специальных сплавов, например, таких как Tensic® Ideal (материал – термоактивный никель-титановый сплав). У нас ассортимент состоит из продукции выполненной из различных материалов, различной формы, длины, размеров и упругости. Для пациентов имеющих аллергическую реакцию на никель мы предлагаем дуги и проволоку выполненные из безникелевого сплава Noninium®.

### Отличное качество до мельчайших деталей

#### Надежные и гарантированные результаты лечения

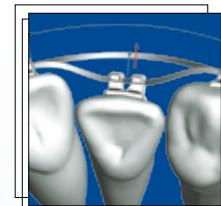
Все проволоки и другие продукты компании Dentaurum предельно точны и аккуратно выверены в размерах. Это гарантирует наилучшую передачу торка и отличные характеристики трения благодаря превосходному качеству поверхности.

Dentaurum имеет десятки лет опыта в производстве проволок и дуг. Все это помогает осознать, что Вы можете быть уверены в функциональности и стабильности механических свойств на всем протяжении лечения.

# WIRES • ARCHES

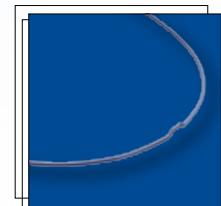
## **remanium® / Equire**

Нержавеющая сталь (NiCr)



## **dentaflex®**

Нержавеющая сталь (витые и плетеные)

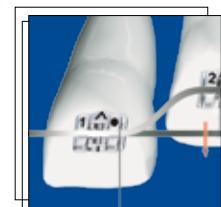


## **Noninium® / Noninium® White**

Безникелевый\* сплав

## **Tensic® / Tensic® Whit**

Термоактивный никель-титановый сплав

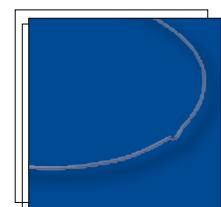


## **Equire Thermo-Active**

Термоактивный никель-титановый сплав

## **rematitan® sl / rema® Spee**

Никель-титановый сплав



## **rematitan® "LITE" / rematitan® "LITE" White**

Никель-титановый сплав

## **remaloy®**

Кобальт-хромовый сплав

## **rematitan® SPECIAL**

Титаново-молибденовый сплав

## **Жемчужно-полупрозрачные дуги**

Армированный стекловолокном пластик

\* содержание следов никеля ≤ 0.2 % - в связи с процессом изготовления продукции

## Предлагаемое применение проволок и дуг Dentaurum

Материал проволоки	Начальная фаза			Средняя фаза			Конечная фаза		
	Выравнивание	Торк	Ротация	Компенсац. зубной дуги	Торк	Ротация	Ретракция с петлями	Компенсац. зубной дуги	Торк
<b>Нержавеющая сталь</b>									
remanium® круглая				+					
remanium® прямоугольная				+	+		+	+	+
Equire круглая				+					
Equire прямоугольная				+	+		+	+	+
<b>Нержавеющая сталь (витые и плетеные)</b>									
dentaflex® 3-жильная круглая	+								
dentaflex® 3-жильная прямоугольная		+							
dentaflex® 6-жильная круглая	+								
dentaflex® 8-жильная прямоугольная	+	+							
<b>Безникелевый* сплав</b>									
Noninium® круглая				+					
Noninium® прямоугольная				+	+		+	+	+
<b>Безникелевый* сплав (с белым покрытием)</b>									
Noninium® White круглая				+					
Noninium® White прямоугольная				+	+		+	+	+
<b>Термоактивный никель–титановый сплав</b>									
Tensic® круглая	+			+			+		
Tensic® прямоугольная	+	+			+	+			
Equire thermo-active круглая	+			+			+		
Equire thermo-active прямоугольная	+	+			+	+			
<b>Термоактивный никель–титановый сплав (с белым покрытием)</b>									
Tensic® White круглая	+			+			+		
Tensic® White прямоугольная	+	+				+	+		
<b>Никель–титановый сплав</b>									
rematitan® sl круглая	+			+					
rematitan® sl прямоугольная		+		+	+	+		+	+
rematitan® "LITE" круглая	+			+					
rematitan® "LITE" прямоугольная		+		+	+	+		+	+
<b>Никель–титановый сплав (с белым покрытием)</b>									
rematitan® "LITE" White круглая	+			+			+		
rematitan® "LITE" White прямоугольная		+			+	+			
<b>Кобальт–хромовый сплав</b>									
remaloy® прямоугольная					+		+		
<b>Безникелевый титан–молибденовый сплав</b>									
rematitan® SPECIAL круглая				+					
rematitan® SPECIAL прямоугольная		+			+		+		+

\* содержание следов никеля ≤ 0,2% - в связи с процессом изготовления продукции

## WIRES • ARCHES

**Проволоки и дуги компании Dentaurum****Принцип построения каталога**

На следующих страницах указан перечень дуг и проволок компании Dentaurum. Информация в каталоге систематизирована для быстрого и удобного поиска необходимых изделий. С левой стороны Вы найдете те же детали, что и в других частях каталога—это размеры и каталожные номера для заказа (REF). С правой стороны размещены соответствующие механические характеристики.

**Ключ**

Символ	Погрешность	Значение и единицы измерения
<b>Проволока Типа 1</b>		
E-Modul	± 10%	Модуль эластичности (kN/mm <sup>2</sup> )
R <sub>m</sub>	± 100 N/mm <sup>2</sup>	Предел прочности при растяжении (kN/mm <sup>2</sup> )
R <sub>0,2</sub>	± 100 N/mm <sup>2</sup>	0.2% Степень напряжения (N/mm <sup>2</sup> )
A	± 10%	Растяжение (%)
S <sub>b</sub> (1. Deg.)	± 10%	Прочность на изгиб (N/mm) при лабиально-лингвальном изгибе (гибкость 1-ой ст.)
S <sub>0,1</sub> (1. Deg.)	± 10%	Предел гибкости (N) при лабиально-лингвальном изгибе (гибкость 1-ой ст.) Прочность
S <sub>b</sub> (2. Deg.)	± 10%	на изгиб (N/mm) при окклюзионно-гингвальном изгибе (гибкость 2-ой ст.)
S <sub>0,1</sub> (2. Deg.)	± 10%	Предел прочности (N) при окклюзионно-гингвальном изгибе (гибкость 2-ой стадии)
<b>Проволока Типа 2</b>		
Af	± 5°C/9°F	Конечная температура аустенитичной фазы (°C/F) Температура трансформации
Rev.	± 2%	Реверсивность, степень остаточной деформации (%)
F <sub>3,0</sub> (1. Deg.)	± 10%	Изгибающая сила (N) на 3.0 мм при лабиально-лингвальном изгибе (гибкость 1-ой ст.)
F <sub>2,0</sub> (1. Deg.)	± 10%	Изгибающая сила (N) на 2.0 мм при лабиально-лингвальном изгибе (гибкость 1-ой ст.)
F <sub>1,0</sub> (1. Deg.)	± 10%	Изгибающая сила (N) на 1.0 мм при лабиально-лингвальном изгибе (гибкость 1-ой ст.)
F <sub>0,5</sub> (1. Deg.)	± 10%	Изгибающая сила (N) на 0.5 мм при лабиально-лингвальном изгибе (гибкость 1-ой ст.)
F <sub>3,0</sub> (2. Deg.)	± 10%	Изгибающая сила (N) на 3.0 мм при окклюзионно-гингвальном изгибе (гибкость 2-ой ст.)
F <sub>2,0</sub> (2. Deg.)	± 10%	Изгибающая сила (N) на 2.0 мм при окклюзионно-гингвальном изгибе (гибкость 2-ой ст.)
F <sub>1,0</sub> (2. Deg.)	± 10%	Изгибающая сила (N) на 1.0 мм при окклюзионно-гингвальном изгибе (гибкость 2-ой ст.)
F <sub>0,5</sub> (2. Deg.)	± 10%	Изгибающая сила (N) на 0.5 мм при окклюзионно-гингвальном изгибе (гибкость 2-ой ст.)

**Тип 1:** линейно-упругий**Тип 2:** супер упругий

Подробная информация доступна в инструкции Dentaurum к проволоке REF 989-561-20.

## Короткий обзор программы

### Tensic®

#### Термоактивная никель-титановая дуга

Дуги Tensic® суперэластичны и легко изгибаются при комнатной температуре. Температура трансформации, которая близка к температуре тела, отвечает за передачу постоянного усилия, предотвращающего риск резорбции корня во время стадии выравнивания.

В наличии в следующих силовых категориях 0 1 2 3 4 5 6 7

### dentaflex®

#### Плетеные многожильные проволоки и дуги из нержавеющей стали

Проволоки и дуги dentaflex® доступны в трехжильном плетении. Они немного лучше пружинят, чем 6-жильные в коаксиальной версии, дешевле по стоимости и представляют собой хорошо проверенную альтернативу проволоке и дугам из NiTi. Также в программе имеются 8-жильные плетеные дуги dentaflex®. Они рекомендованы к использованию для лучшего торка на начальных стадиях лечения.

В наличии в следующих силовых категориях 0 1 2 3 4 5 6 7

### rematitan® "LITE"

#### Никель-титановые дуги

Дуги rematitan® "LITE" изготовлены из суперэластичного никель-титанового сплава. Суперэластичность этих дуг позволяет передавать даже наилегчайшее усилие благодаря своей эластичной компенсации, что делает дуги rematitan® "LITE" идеальными на стадии выравнивания. Они также могут припаиваться при помощи лазерной сварки.

В наличии в следующих силовых категориях 0 1 2 3 4 5 6 7

### rematitan® SPECIAL

#### Титаново-молибденовые дуги и проволоки

Дуги и проволоки rematitan® SPECIAL изготовлены из безникелевого\* титан-молибденового сплава и рекомендованы к использованию у пациентов с аллергией к никелю. Модуль эластичности этого сплава значительно ниже, чем у проволоки из нержавеющей стали, что создает меньшее усилие, но в то же время он обладает высокой эластичностью и способностью легко моделировать изгибы.

В наличии в следующих силовых категориях 0 1 2 3 4 5 6 7

### remanium®

#### Дуги и проволоки из нержавеющей стали

Дуги и проволоки remanium® являются лучшим выбором, когда есть необходимость в больших усилиях или требуется точный контроль и передача усилий торка до конца лечения. В этой линии есть широкий спектр возможностей различных категорий применения силы. Может использоваться в течение всего лечения, даже когда есть необходимость часто менять проволоку. Дуги и проволоки remanium® легко формировать, можно приваривать (припаивать). Кроме того, эти дуги имеют низкие показатели трения.

В наличии в следующих силовых категориях 0 1 2 3 4 5 6 7

## WIRES • ARCHES

**Noninum®****Дуги и проволоки безникелевые\* из нержавеющей стали**

Дуги и проволоки Noninum® специально созданы для пациентов с аллергией к никелю. Они очень прочны и имеют крайне высокие механические качества. Имеются как в трехжильном, так и в шестижильном плетении.

**В наличии в следующих силовых категориях** 0    1    2    3    4    5    6    7

**remaloy®****CoCr дуги и проволоки**

Дуги и проволоки remaloy® изготовлены из кобальт-хромового сплава, который закаливается, что придает ему дополнительную прочность. Легко изгибаются как пальцем, так и щипцами. Поверхность очень гладкая и имеет низкие характеристики трения.

**В наличии в следующих силовых категориях** 0    1    2    3    4    5    6    7

**Equire****Дуги из нержавеющей стали. Американский стиль**

Дуги Equire из нержавеющей стали более всего подходят, когда необходимо усилие, получаемое от дуг remanium® . Могут использоваться даже когда есть необходимость частой замены в течение всего процесса лечения. Легки в формировании, можно паять и имеют низкие характеристики трения. Форма дуги соответствует идеальной дуге по стандартам Американской Ортодонтии.

**В наличии в следующих силовых категориях** 0    1    2    3    4    5    6    7

**Термоактивные никель-титановые дуги. Американский стиль**

Никель-титановые дуги Equire суперэластичны. Кроме своей формы они идентичны дугам Tensic® и могут использоваться в течение всего лечения, даже когда есть необходимость частой замены проволоки. Дуги Equire легко формируются, привариваются и имеют гладкую поверхность с низкими характеристиками трения. Форма дуги соответствует идеальной дуге по стандартам Американской Ортодонтии.

**В наличии в следующих силовых категориях** 0    1    2    3    4    5    6    7

Категория силы	N/mm <sup>2</sup>	Tensic®	dentaflex®	rematitan® "LITE"	rematitan® SPECIAL	remanium®	Nomium®	remaloy®	Equire
средняя плюс 0	1100-<1400				X				
жёсткая 1	1400-<1600					X	X		
жёсткая плюс 2	1600-<1800							X	
пружинно жёст 3	1800-<2000					X	X		
пружинно-жёст.плюс 4	2000-<2300		X			X	X		X
экстр.пружинно жёст 5	2300-<2500					X			
супер пружинно-жёст 6	2500-<2700		X				X		
супер эластик 7	-	X		X					X

\* содержание следов никеля ≤ 0.2% - в связи с процессом изготовления продукции

# Проволоки • Дуги • Аксессуары

## Delivery program arches

Inch	REF (Maxillary)	REF (Mandibular)	Quantity
<b>Stainless steel (Nickel chromium), spring hard plus</b>			
remanium® ideal arches, round			
14	765-200-00	765-300-00	10 pieces
16	765-201-00	765-301-00	10 pieces
16	765-201-01	765-301-01	50 pieces
18	765-202-00	765-302-00	10 pieces
18	765-202-01	765-302-01	50 pieces
20	765-203-00	765-303-00	10 pieces
remanium® ideal arches, rectangular			
16 x 16	767-100-00	767-200-00	10 pieces
16 x 16	767-100-01	767-200-01	50 pieces
16 x 22	767-101-00	767-201-00	10 pieces
16 x 22	767-101-01	767-201-01	50 pieces
17 x 22	767-102-00	767-202-00	10 pieces
17 x 25	767-103-00	767-203-00	10 pieces
17 x 25	767-103-01	767-203-01	50 pieces
18 x 25	767-104-00	767-204-00	10 pieces
19 x 25	767-105-00	767-205-00	10 pieces
19 x 25	767-105-01	767-205-01	50 pieces
21.5 x 25	767-106-00	767-206-00	10 pieces
21.5 x 28	767-107-00	767-207-00	10 pieces
Equire preformed ideal arches, round, Arch form: American Style			
12	769-000-00	769-001-00	10 pieces
14	769-002-00	769-003-00	10 pieces
16	769-004-00	769-005-00	10 pieces
18	769-006-00	769-007-00	10 pieces
Equire preformed ideal arches, rectangular, Arch form: American Style			
16 x 16	769-008-00	769-009-00	10 pieces
16 x 22	769-010-00	769-011-00	10 pieces
17 x 25	769-012-00	769-013-00	10 pieces
18 x 25	769-014-00	769-015-00	10 pieces
19 x 25	769-016-00	769-017-00	10 pieces
21 x 25	769-018-00	769-019-00	10 pieces
CE 0483			
Inch	REF (Maxillary)	REF (Mandibular)	Quantity
<b>Stainless steel (twisted and braided), super spring hard</b>			
dentaflex® ideal arches, round, 3-strand twisted			
15	766-120-00	766-121-00	10 pieces
15	766-120-01	766-121-01	50 pieces
18	766-122-00	766-123-00	10 pieces
18	766-122-01	766-123-01	50 pieces
20	766-124-00	766-125-00	10 pieces
dentaflex® ideal arches, round, 6-strand "co-axial"			
15	766-300-00	766-400-00	10 pieces
15	766-300-01	766-400-01	50 pieces
18	766-301-00	766-401-00	10 pieces
18	766-301-01	766-401-01	50 pieces
dentaflex® ideal arches, rectangular, 8-strand braided			
16 x 16	766-100-00	766-200-00	10 pieces
16 x 16	766-100-01	766-200-01	50 pieces
16 x 22	766-101-00	766-201-00	10 pieces
16 x 22	766-101-01	766-201-01	50 pieces
17 x 25	766-103-00	766-203-00	10 pieces
18 x 25	766-104-00	766-204-00	10 pieces
19 x 25	766-105-00	766-205-00	10 pieces
CE 0483			
Inch	REF (Maxillary)	REF (Mandibular)	Quantity
<b>Nickel free* stainless steel, spring hard plus</b>			
Noninium® ideal arches, round			
12	764-008-00	764-009-00	10 pieces
14	764-010-00	764-011-00	10 pieces
16	764-012-00	764-013-00	10 pieces
18	764-014-00	764-015-00	10 pieces
Noninium® ideal arches, rectangular			
16 x 16	764-018-00	764-019-00	10 pieces
16 x 22	764-020-00	764-021-00	10 pieces
17 x 25	764-022-00	764-023-00	10 pieces
18 x 25	764-026-00	764-027-00	10 pieces
19 x 25	764-028-00	764-029-00	10 pieces
21 x 25	764-030-00	764-031-00	10 pieces
Noninium® White ideal arches, round			
16	768-002-00	768-003-00	3 pieces
18	768-004-00	768-005-00	3 pieces
Noninium® White ideal arches, rectangular			
16 x 16	768-006-00	768-007-00	3 pieces
16 x 22	768-008-00	768-009-00	3 pieces
17 x 25	768-010-00	768-011-00	3 pieces
21 x 25	768-012-00	768-013-00	3 pieces

\* Nickel trace elements of < 0.2% are due to the process of manufacturing

CE 0483





Delivery program **straight wires**

Dimensions	REF	Quantity
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**Stainless steel (Nickel chromium)**

<b>remanium® straight wires, round, extra spring hard</b>		
0.35 mm / 14	<b>535-035-00</b>	25 pieces
0.40 mm / 16	<b>535-040-00</b>	25 pieces
0.45 mm / 18	<b>535-045-00</b>	25 pieces

<b>remanium® straight wires, rectangular, spring hard</b>		
16 x 16	<b>537-340-00</b>	10 pieces
16 x 22	<b>537-310-00</b>	10 pieces
17 x 22	<b>537-311-00</b>	10 pieces
17 x 25	<b>537-313-00</b>	10 pieces
18 x 25	<b>537-314-00</b>	10 pieces
19 x 19	<b>535-048-00</b>	25 pieces
20 x 20	<b>535-051-00</b>	25 pieces
21.5 x 28	<b>537-324-00</b>	10 pieces

<b>remanium® straight wires, rectangular, spring hard plus</b>		
16 x 16	<b>537-440-00</b>	10 pieces
16 x 22	<b>537-410-00</b>	10 pieces
17 x 22	<b>537-411-00</b>	10 pieces
17 x 25	<b>537-413-00</b>	10 pieces
18 x 25	<b>537-414-00</b>	10 pieces
21.5 x 25	<b>537-423-00</b>	10 pieces
21.5 x 28	<b>537-424-00</b>	10 pieces

<b>remanium® straight wires, round, spring hard</b>		
0.40 mm / 16	<b>525-040-00</b>	25 pieces
0.70 mm / 28	<b>527-004-00</b>	1100 pieces
0.70 mm / 28	<b>527-005-00</b>	900 pieces
0.70 mm / 28	<b>527-070-00</b>	25 pieces
0.80 mm / 31	<b>527-006-00</b>	875 pieces
0.80 mm / 31	<b>527-080-00</b>	25 pieces
0.90 mm / 36	<b>527-090-00</b>	25 pieces
1.00 mm / 39	<b>527-100-00</b>	25 pieces

CE 0483

Dimensions	REF	Quantity
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**Stainless steel (twisted and braided)**

<b>dentaflex® straight wires, round, 3-strand twisted, super spring hard</b>		
0.38 mm / 15	<b>545-738-00</b>	10 pieces
0.45 mm / 18	<b>545-745-00</b>	10 pieces
0.50 mm / 20	<b>545-750-00</b>	10 pieces

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<b>dentaflex® straight wires, round, 6-strand "co-axial", super spring hard</b>		
0.38 mm / 15	<b>545-638-00</b>	10 pieces
0.45 mm / 18	<b>545-645-00</b>	10 pieces

Dimensions	REF	Quantity
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Dimensions	REF	Quantity
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**Nickel free\* stainless steel**

<b>Noninium® straight wires, round, spring hard plus</b>		
0.30 mm / 12	<b>764-000-00</b>	10 pieces
0.35 mm / 14	<b>764-001-00</b>	10 pieces
0.40 mm / 16	<b>764-002-00</b>	10 pieces
0.45 mm / 18	<b>764-003-00</b>	10 pieces

<b>Noninium® straight wires, rectangular, spring hard plus</b>		
17 x 25	<b>764-006-00</b>	10 pieces

<b>Noninium® straight wires, round, 3-stranded twisted, super spring hard</b>		
0.38 mm / 15	<b>764-050-00</b>	10 pieces
0.45 mm / 18	<b>764-051-00</b>	10 pieces
0.50 mm / 20	<b>764-052-00</b>	10 pieces

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

CE 0483

Dimensions	REF	Quantity
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**Cobalt chromium**

<b>remaloy® straight wires, rectangular, hard plus</b>		
16 x 16	<b>537-540-00</b>	10 pieces
16 x 22	<b>537-510-00</b>	10 pieces

<b>remaloy® straight wires, round, hard</b>		
0.70 mm / 28	<b>528-070-00</b>	10 pieces
0.80 mm / 31	<b>528-080-00</b>	10 pieces
0.90 mm / 36	<b>528-090-00</b>	10 pieces
1.00 mm / 39	<b>528-100-00</b>	10 pieces
1.10 mm / 43	<b>528-110-00</b>	10 pieces
1.20 mm / 47	<b>528-120-00</b>	10 pieces
1.30 mm / 51	<b>528-130-00</b>	10 pieces
1.50 mm / 59	<b>528-150-00</b>	10 pieces

<b>remaloy® straight wires, half round, spring hard</b>		
1.50 x 0.75 mm	<b>528-155-00</b>	10 pieces
1.75 x 0.90 mm	<b>528-158-00</b>	10 pieces

<b>remaloy® straight wires, rectangular rounded, hard plus</b>		
1.92 x 0.90 mm	<b>528-159-00</b>	10 pieces

CE 0483

## Delivery program straight wires

Dimensions	REF	Quantity
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### Nickel free titanium molybdenum

rematitan® SPECIAL straight wires, round, middle plus		
0.40 mm / 16	<b>766-600-00</b>	10 pieces
0.45 mm / 18	<b>766-601-00</b>	10 pieces
0.80 mm / 32	<b>766-629-00</b>	10 pieces

CE 0483

Dimensions	REF	Quantity
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### Titanium

Titanium retainer wire, 3-strand twisted, Grade 1, round		
0.44 mm / 17	<b>528-001-01</b>	10 pieces
0.50 mm / 20	<b>528-000-01</b>	10 pieces

CE 0483

Dimensions	REF	Quantity
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### Gold

Gold retainer, 3-strand twisted, round		
0.50 mm / 20	<b>529-000-00</b>	1 piece

CE 0483

Dimensions		
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Code inch	mm
10	0.25 mm
12	0.30 mm
14	0.35 mm
15	0.38 mm
16	0.40 mm
18	0.45 mm
20	0.50 mm
23	0.60 mm
28	0.70 mm
32	0.80 mm
36	0.90 mm
39	1.00 mm
43	1.10 mm
47	1.20 mm
51	1.30 mm
59	1.50 mm

Code inch	mm
16 x 16	rectangular 0.41 x 0.41 mm
16 x 22	rectangular 0.41 x 0.56 mm
17 x 22	rectangular 0.43 x 0.56 mm
17 x 25	rectangular 0.43 x 0.64 mm
18 x 25	rectangular 0.46 x 0.64 mm
19 x 25	rectangular 0.48 x 0.64 mm
21 x 25	rectangular 0.53 x 0.64 mm
21.5 x 25	rectangular 0.55 x 0.64 mm
21.5 x 28	rectangular 0.55 x 0.70 mm

Dimensions	REF	Quantity
<b>Stainless steel (Nickel chromium)</b>		
<b>remanium® wire on coils, round, extra spring hard</b>		
0.35 mm / 14 <b>530-035-00</b> 7.5 m		
0.40 mm / 16	<b>530-040-00</b>	7.5 m
0.45 mm / 18	<b>530-045-00</b>	7.5 m
<b>remanium® ligature wire, round, soft</b>		
0.25 mm / 10	<b>500-025-00</b>	80 m
0.25 mm / 10	<b>501-025-00</b>	1160 m
0.30 mm / 12	<b>500-030-00</b>	60 m
0.40 mm / 16	<b>500-040-00</b>	30 m
0.50 mm / 20	<b>503-050-00</b>	50 m
<b>remanium® laboratory coils, round, hard</b>		
0.70 mm / 28	<b>513-070-00</b>	30 m
0.80 mm / 31	<b>513-080-00</b>	20 m
0.90 mm / 36	<b>513-090-00</b>	10 m
1.00 mm / 39	<b>513-100-00</b>	10 m
1.20 mm / 47	<b>513-120-00</b>	10 m
1.50 mm / 59	<b>513-150-00</b>	10 m
<b>remanium® clinical coils, round, hard</b>		
0.70 mm / 28	<b>514-070-00</b>	165 m
0.80 mm / 31	<b>514-080-00</b>	125 m
0.90 mm / 36	<b>514-090-00</b>	100 m
1.00 mm / 39	<b>514-100-00</b>	80 m
<b>remanium® laboratory coils, round, spring hard</b>		
0.40 mm / 16	<b>521-040-00</b>	30 m
0.50 mm / 20	<b>523-050-00</b>	50 m
0.60 mm / 23	<b>523-060-00</b>	40 m
0.70 mm / 28	<b>523-070-00</b>	30 m
0.80 mm / 31	<b>523-080-00</b>	20 m
0.90 mm / 36	<b>523-090-00</b>	10 m
1.00 mm / 39	<b>523-100-00</b>	10 m
1.10 mm / 43	<b>523-110-00</b>	10 m
1.20 mm / 47	<b>523-120-00</b>	10 m
1.50 mm / 59	<b>523-150-00</b>	10 m
<b>remanium® clinical coils, round, spring hard</b>		
0.60 mm / 23	<b>524-060-00</b>	225 m
0.70 mm / 28	<b>524-070-00</b>	165 m
0.80 mm / 31	<b>524-080-00</b>	125 m
0.90 mm / 36	<b>524-090-00</b>	100 m
1.00 mm / 39	<b>524-100-00</b>	80 m
1.10 mm / 43	<b>524-110-00</b>	70 m
<b>remanium® wire on coils, half round, hard</b>		
1.30 x 0.65 mm	<b>308-513-00</b>	10 m
1.50 x 0.75 mm	<b>308-515-00</b>	10 m
1.75 x 0.90 mm	<b>308-518-00</b>	10 m
2.00 x 1.00 mm	<b>308-520-00</b>	10 m

<b>remanium® clinical coils, half round, hard</b>		
1.30 x 0.65 mm	<b>308-713-00</b>	90 m
1.50 x 0.75 mm	<b>308-715-00</b>	65 m
1.75 x 0.90 mm	<b>308-718-00</b>	50 m

<b>remanium® wire on coils, oval, hard</b>		
2.40 x 1.40 mm	<b>385-624-00</b>	10 m
3.00 x 1.50 mm	<b>385-630-00</b>	10 m

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Dimensions	REF	Quantity
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### Stainless steel (twisted and braided)

<b>dentaflex® wire on coils, round, 3-strand twisted, super spring hard</b>		
0.38 mm / 15	<b>545-738-01</b>	4 m
0.45 mm / 18	<b>545-745-01</b>	4 m

<b>dentaflex® wire on coils, round, 6-strand "co-axial", super spring hard</b>		
0.38 mm / 15	<b>545-638-01</b>	4 m
0.45 mm / 18	<b>545-645-01</b>	4 m

CE 0483

Dimensions	REF	Quantity
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### Nickel free\* stainless steel

<b>Noninium® wire on coils, round, hard</b>		
0.70 mm / 28	<b>520-070-00</b>	30 m
0.80 mm / 31	<b>520-080-00</b>	20 m
0.90 mm / 36	<b>520-090-00</b>	10 m
1.20 mm / 47	<b>520-120-00</b>	10 m

<b>Noninium® wire on coils, round, spring hard</b>		
0.60 mm / 23	<b>520-062-00</b>	40 m
0.70 mm / 28	<b>520-072-00</b>	30 m
0.80 mm / 31	<b>520-082-00</b>	20 m
0.90 mm / 36	<b>520-092-00</b>	10 m

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

CE 0483

## Delivery program **wires on coils**

Dimensions	REF	Quantity
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### Nickel titanium

rematitan® "LITE" wire on coils, round, super elastic		
0.30 mm / 12	<b>766-094-00</b>	4.5 m
0.35 mm / 14	<b>766-095-00</b>	4.5 m
0.40 mm / 16	<b>766-196-00</b>	4.5 m

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Dimensions	REF	Quantity
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### Titanium

Titanium retainer wire, 3-strand twisted, Grade 1, round		
0.50 mm / 20	<b>528-000-02</b>	2 m

CE 0483

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## Fixed appliance technique / Arches



### remanium® ideal arches, round

Strength category: spring hard plus - 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: red

Mid line marking: Maxillary 3 dots

<b>ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.35 mm / 14			<b>765-200-00</b>	10 pieces
0.40 mm / 16			<b>765-201-00</b>	10 pieces
0.40 mm / 16			<b>765-201-01</b>	50 pieces
0.45 mm / 18			<b>765-202-00</b>	10 pieces
0.45 mm / 18			<b>765-202-01</b>	50 pieces
0.50 mm / 20			<b>765-203-00</b>	10 pieces

Mid line marking: Mandibular 1 dot

<b>ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.35 mm / 14			<b>765-300-00</b>	10 pieces
0.40 mm / 16			<b>765-301-00</b>	10 pieces
0.40 mm / 16			<b>765-301-01</b>	50 pieces
0.45 mm / 18			<b>765-302-00</b>	10 pieces
0.45 mm / 18			<b>765-302-01</b>	50 pieces
0.50 mm / 20			<b>765-303-00</b>	10 pieces

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Stainless steel (Nickel chromium)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	4,41 N/mm	4,05 N	4,41 N/mm	4,05 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	7,52 N/mm	6,91 N	7,52 N/mm	6,91 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	7,52 N/mm	6,91 N	7,52 N/mm	6,91 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	12,1 N/mm	11,1 N	12,1 N/mm	11,1 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	12,1 N/mm	11,1 N	12,1 N/mm	11,1 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	18,4 N/mm	16,9 N	18,4 N/mm	16,9 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	4,41 N/mm	4,05 N	4,41 N/mm	4,05 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	7,52 N/mm	6,91 N	7,52 N/mm	6,91 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	7,52 N/mm	6,91 N	7,52 N/mm	6,91 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	12,1 N/mm	11,1 N	12,1 N/mm	11,1 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	12,1 N/mm	11,1 N	12,1 N/mm	11,1 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	18,4 N/mm	16,9 N	18,4 N/mm	16,9 N		

## Fixed appliance technique / Arches



### remanium® ideal arches, rectangular

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: red

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>767-100-00</b>	10 pieces	
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>767-100-01</b>	50 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>767-101-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>767-101-01</b>	50 pieces	
0.43 x 0.56 mm / 17 x 22	0.64 mm	<b>767-102-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>767-103-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>767-103-01</b>	50 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>767-104-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>767-105-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>767-105-01</b>	50 pieces	
0.55 x 0.64 mm / 21.5 x 25	0.76 mm	<b>767-106-00</b>	10 pieces	
0.55 x 0.70 mm / 21.5 x 28	0.81 mm	<b>767-107-00</b>	10 pieces	

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>767-200-00</b>	10 pieces	
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>767-200-01</b>	50 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>767-201-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>767-201-01</b>	50 pieces	
0.43 x 0.56 mm / 17 x 22	0.64 mm	<b>767-202-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>767-203-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>767-203-01</b>	50 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>767-204-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>767-205-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>767-205-01</b>	50 pieces	
0.55 x 0.64 mm / 21.5 x 25	0.76 mm	<b>767-206-00</b>	10 pieces	
0.55 x 0.70 mm / 21.5 x 28	0.81 mm	<b>767-207-00</b>	10 pieces	

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### Equire preformed ideal arches, round

Arch form: American Style

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Mid line marking: Maxillary 3 dots, etched

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>769-000-00</b>	10 pieces
0.35 mm / 14			<b>769-002-00</b>	10 pieces
0.40 mm / 16			<b>769-004-00</b>	10 pieces
0.45 mm / 18			<b>769-006-00</b>	10 pieces

Mid line marking: Mandibular 1 dot, etched

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>769-001-00</b>	10 pieces
0.35 mm / 14			<b>769-003-00</b>	10 pieces
0.40 mm / 16			<b>769-005-00</b>	10 pieces
0.45 mm / 18			<b>769-007-00</b>	10 pieces

0483



Stainless steel (Nickel chromium)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	10,7 N/mm	8,46 N	10,7 N/mm	8,46 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	10,7 N/mm	8,46 N	10,7 N/mm	8,46 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	27,2 N/mm	21,6 N	14,6 N/mm	11,6 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	27,2 N/mm	21,6 N	14,6 N/mm	11,6 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	28,5 N/mm	22,6 N	16,8 N/mm	13,3 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	42,6 N/mm	33,8 N	19,2 N/mm	15,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	42,6 N/mm	33,8 N	19,2 N/mm	15,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	45,5 N/mm	36,1 N	23,5 N/mm	18,7 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	47,5 N/mm	37,7 N	26,7 N/mm	21,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	47,5 N/mm	37,7 N	26,7 N/mm	21,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	54,4 N/mm	43,2 N	40,2 N/mm	31,9 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	71,2 N/mm	56,5 N	44,0 N/mm	34,9 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	10,7 N/mm	8,46 N	10,7 N/mm	8,46 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	10,7 N/mm	8,46 N	10,7 N/mm	8,46 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	27,2 N/mm	21,6 N	14,6 N/mm	11,6 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	27,2 N/mm	21,6 N	14,6 N/mm	11,6 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	28,5 N/mm	22,6 N	16,8 N/mm	13,3 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	42,6 N/mm	33,8 N	19,2 N/mm	15,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	42,6 N/mm	33,8 N	19,2 N/mm	15,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	45,5 N/mm	36,1 N	23,5 N/mm	18,7 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	47,5 N/mm	37,7 N	26,7 N/mm	21,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	47,5 N/mm	37,7 N	26,7 N/mm	21,2 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	54,4 N/mm	43,2 N	40,2 N/mm	31,9 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	71,2 N/mm	56,5 N	44,0 N/mm	34,9 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	2,27 N/mm	2,30 N	2,27 N/mm	2,30 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	4,20 N/mm	4,25 N	4,20 N/mm	4,25 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	7,20 N/mm	7,26 N	7,20 N/mm	7,26 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	11,5 N/mm	11,6 N	11,5 N/mm	11,6 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	2,27 N/mm	2,30 N	2,27 N/mm	2,30 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	4,20 N/mm	4,25 N	4,20 N/mm	4,25 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	7,20 N/mm	7,26 N	7,20 N/mm	7,26 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	11,5 N/mm	11,6 N	11,5 N/mm	11,6 N		

## Fixed appliance technique / Arches



### Equire preformed ideal arches, rectangular

Arch form: American Style

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Mid line marking: Maxillary 3 dots, etched

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	769-008-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	769-010-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	769-012-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	769-014-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	769-016-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	769-018-00	10 pieces

Mid line marking: Mandibular 1 dot, etched

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	769-009-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	769-011-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	769-013-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	769-015-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	769-017-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	769-019-00	10 pieces

CE 0483



### dentaflex® ideal arches, round, 3-strand twisted

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: red

Mid line marking: Maxillary 3 dots

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			766-120-00	10 pieces
0.38 mm / 15			766-120-01	50 pieces
0.45 mm / 18			766-122-00	10 pieces
0.45 mm / 18			766-122-01	50 pieces
0.50 mm / 20			766-124-00	10 pieces

Mid line marking: Mandibular 1 dot

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			766-121-00	10 pieces
0.38 mm / 15			766-121-01	50 pieces
0.45 mm / 18			766-123-00	10 pieces
0.45 mm / 18			766-123-01	50 pieces
0.50 mm / 20			766-125-00	10 pieces

CE 0483

Stainless steel (Nickel chromium)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	11,0 N/mm	11,5 N	11,0 N/mm	11,5 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	27,0 N/mm	23,0 N	14,0 N/mm	16,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	42,0 N/mm	30,0 N	19,0 N/mm	18,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	45,0 N/mm	32,0 N	23,0 N/mm	22,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	47,0 N/mm	34,0 N	26,0 N/mm	25,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	52,0 N/mm	42,0 N	36,0 N/mm	29,0 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	11,0 N/mm	11,5 N	11,0 N/mm	11,5 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	27,0 N/mm	23,0 N	14,0 N/mm	16,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	42,0 N/mm	30,0 N	19,0 N/mm	18,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	45,0 N/mm	32,0 N	23,0 N/mm	22,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	47,0 N/mm	34,0 N	26,0 N/mm	25,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2,3 %	52,0 N/mm	42,0 N	36,0 N/mm	29,0 N		

Stainless steel (twisted and braided)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				1,00 N/mm	1,20 N	1,00 N/mm	1,20 N		
170 kN/mm <sup>2</sup>				1,00 N/mm	1,20 N	1,00 N/mm	1,20 N		
170 kN/mm <sup>2</sup>				2,00 N/mm	2,20 N	2,00 N/mm	2,20 N		
170 kN/mm <sup>2</sup>				2,00 N/mm	2,20 N	2,00 N/mm	2,20 N		
170 kN/mm <sup>2</sup>				3,00 N/mm	3,50 N	3,00 N/mm	3,50 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				1,00 N/mm	1,20 N	1,00 N/mm	1,20 N		
170 kN/mm <sup>2</sup>				1,00 N/mm	1,20 N	1,00 N/mm	1,20 N		
170 kN/mm <sup>2</sup>				2,00 N/mm	2,20 N	2,00 N/mm	2,20 N		
170 kN/mm <sup>2</sup>				2,00 N/mm	2,20 N	2,00 N/mm	2,20 N		
170 kN/mm <sup>2</sup>				3,00 N/mm	3,50 N	3,00 N/mm	3,50 N		

## Fixed appliance technique / Arches



### dentaflex® ideal arches, rectangular, 3-strand twisted

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: red

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-130-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-132-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-132-01	50 pieces

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-131-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-133-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-133-01	50 pieces

CE 0483



### dentaflex® ideal arches, round, 6-strand "co-axial"

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: red

Mid line marking: Maxillary 3 dots

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			766-300-00	10 pieces
0.38 mm / 15			766-300-01	50 pieces
0.45 mm / 18			766-301-00	10 pieces
0.45 mm / 18			766-301-01	50 pieces

Mid line marking: Mandibular 1 dot

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			766-400-00	10 pieces
0.38 mm / 15			766-400-01	50 pieces
0.45 mm / 18			766-401-00	10 pieces
0.45 mm / 18			766-401-01	50 pieces

CE 0483

Stainless steel (twisted and braided)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				3,40 N/mm	3,10 N	3,40 N/mm	3,10 N		
170 kN/mm <sup>2</sup>				8,80 N/mm	8,00 N	4,70 N/mm	6,00 N		
170 kN/mm <sup>2</sup>				8,80 N/mm	8,00 N	4,70 N/mm	6,00 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				3,40 N/mm	3,10 N	3,40 N/mm	3,10 N		
170 kN/mm <sup>2</sup>				8,80 N/mm	8,00 N	4,70 N/mm	6,00 N		
170 kN/mm <sup>2</sup>				8,80 N/mm	8,00 N	4,70 N/mm	6,00 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				0,70 N/mm	0,80 N	0,70 N/mm	0,80 N		
170 kN/mm <sup>2</sup>				0,70 N/mm	0,80 N	0,70 N/mm	0,80 N		
170 kN/mm <sup>2</sup>				1,30 N/mm	1,50 N	1,30 N/mm	1,50 N		
170 kN/mm <sup>2</sup>				1,30 N/mm	1,50 N	1,30 N/mm	1,50 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				0,70 N/mm	0,80 N	0,70 N/mm	0,80 N		
170 kN/mm <sup>2</sup>				0,70 N/mm	0,80 N	0,70 N/mm	0,80 N		
170 kN/mm <sup>2</sup>				1,30 N/mm	1,50 N	1,30 N/mm	1,50 N		
170 kN/mm <sup>2</sup>				1,30 N/mm	1,50 N	1,30 N/mm	1,50 N		

## Fixed appliance technique / Arches



### dentaflex® ideal arches, rectangular, 8-strand braided

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: red

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-100-00</b>	10 pieces	
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-100-01</b>	50 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-101-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-101-01</b>	50 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-103-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-104-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-105-00</b>	10 pieces	

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-200-00</b>	10 pieces	
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-200-01</b>	50 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-201-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-201-01</b>	50 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-203-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-204-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-205-00</b>	10 pieces	

€ 0483



### Noninium® ideal arches, round

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: green

Mid line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>764-008-00</b>	10 pieces
0.35 mm / 14			<b>764-010-00</b>	10 pieces
0.40 mm / 16			<b>764-012-00</b>	10 pieces
0.45 mm / 18			<b>764-014-00</b>	10 pieces

Mid line marking: Mandibular 1 dot

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>764-009-00</b>	10 pieces
0.35 mm / 14			<b>764-011-00</b>	10 pieces
0.40 mm / 16			<b>764-013-00</b>	10 pieces
0.45 mm / 18			<b>764-015-00</b>	10 pieces

€ 0483



Stainless steel (twisted and braided)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				1,00 N/mm	2,40 N	1,00 N/mm	2,40 N		
170 kN/mm <sup>2</sup>				1,00 N/mm	2,40 N	1,00 N/mm	2,40 N		
170 kN/mm <sup>2</sup>				2,60 N/mm	4,00 N	1,40 N/mm	3,00 N		
170 kN/mm <sup>2</sup>				2,60 N/mm	4,00 N	1,40 N/mm	3,00 N		
170 kN/mm <sup>2</sup>				4,00 N/mm	6,00 N	1,80 N/mm	4,00 N		
170 kN/mm <sup>2</sup>				4,30 N/mm	6,20 N	2,20 N/mm	4,50 N		
170 kN/mm <sup>2</sup>				4,50 N/mm	6,50 N	2,50 N/mm	5,00 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				1,00 N/mm	2,40 N	1,00 N/mm	2,40 N		
170 kN/mm <sup>2</sup>				1,00 N/mm	2,40 N	1,00 N/mm	2,40 N		
170 kN/mm <sup>2</sup>				2,60 N/mm	4,00 N	1,40 N/mm	3,00 N		
170 kN/mm <sup>2</sup>				2,60 N/mm	4,00 N	1,40 N/mm	3,00 N		
170 kN/mm <sup>2</sup>				4,00 N/mm	6,00 N	1,80 N/mm	4,00 N		
170 kN/mm <sup>2</sup>				4,30 N/mm	6,20 N	2,20 N/mm	4,50 N		
170 kN/mm <sup>2</sup>				4,50 N/mm	6,50 N	2,50 N/mm	5,00 N		

Nickel free\* stainless steel

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	2,62 N/mm	2,50 N	2,62 N/mm	2,50 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	4,85 N/mm	4,63 N	4,85 N/mm	4,63 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	8,28 N/mm	7,90 N	8,28 N/mm	7,90 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	13,3 N/mm	12,7 N	13,3 N/mm	12,7 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	2,62 N/mm	2,50 N	2,62 N/mm	2,50 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	4,85 N/mm	4,63 N	4,85 N/mm	4,63 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	8,28 N/mm	7,90 N	8,28 N/mm	7,90 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	13,3 N/mm	12,7 N	13,3 N/mm	12,7 N		

\* Nickel trace elements of ≤ 0,2% are due to the process of manufacturing

## Fixed appliance technique / Arches



### Noninium® ideal arches, rectangular

Strength category: spring hard plus - 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: green

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	764-018-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	764-020-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	764-022-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	764-026-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	764-028-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	764-030-00	10 pieces

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	764-019-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	764-021-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	764-023-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	764-027-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	764-029-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	764-031-00	10 pieces

CE 0483



### Noninium® White ideal arches, round

Strength category: spring hard plus - 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: green

Mid line marking: none

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-002-00	3 pieces
0.45 mm / 18			768-004-00	3 pieces
$\varnothing$	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-003-00	3 pieces
0.45 mm / 18			768-005-00	3 pieces

CE 0483

## Nickel free\* stainless steel

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	11,5 N/mm	8,77 N	11,5 N/mm	8,77 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	29,2 N/mm	22,3 N	15,7 N/mm	12,0 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	45,7 N/mm	35,0 N	20,7 N/mm	15,8 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	48,9 N/mm	37,4 N	25,3 N/mm	19,3 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	51,1 N/mm	39,0 N	28,7 N/mm	22,0 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	56,4 N/mm	43,1 N	38,7 N/mm	29,6 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	11,5 N/mm	8,77 N	11,5 N/mm	8,77 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	29,2 N/mm	22,3 N	15,7 N/mm	12,0 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	45,7 N/mm	35,0 N	20,7 N/mm	15,8 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	48,9 N/mm	37,4 N	25,3 N/mm	19,3 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	51,1 N/mm	39,0 N	28,7 N/mm	22,0 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	56,4 N/mm	43,1 N	38,7 N/mm	29,6 N		

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

## Nickel free\* stainless steel (white coated)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	8,28 N/mm	7,90 N	8,28 N/mm	7,90 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	13,3 N/mm	12,7 N	13,3 N/mm	12,7 N		
<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	8,28 N/mm	7,90 N	8,28 N/mm	7,90 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3.3 %	13,3 N/mm	12,7 N	13,3 N/mm	12,7 N		

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

## Fixed appliance technique / Arches



### Noninium® White ideal arches, rectangular

Strength category: spring hard plus - 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: green

Mid line marking: none

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>768-006-00</b>	3 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>768-008-00</b>	3 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>768-010-00</b>	3 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>768-012-00</b>	3 pieces	

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>768-007-00</b>	3 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>768-009-00</b>	3 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>768-011-00</b>	3 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>768-013-00</b>	3 pieces	

CE 0483



### Tensic® ideal arches, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary 3 dots

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-700-00</b>	10 pieces
0.35 mm / 14			<b>766-702-00</b>	10 pieces
0.40 mm / 16			<b>766-704-00</b>	10 pieces
0.45 mm / 18			<b>766-706-00</b>	10 pieces

Mid line marking: Mandibular 1 dot

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-701-00</b>	10 pieces
0.35 mm / 14			<b>766-703-00</b>	10 pieces
0.40 mm / 16			<b>766-705-00</b>	10 pieces
0.45 mm / 18			<b>766-707-00</b>	10 pieces

CE 0483

Nickel free\* stainless steel (white coated)

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	11,5 N/mm	8,77 N	11,5 N/mm	8,77 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	29,2 N/mm	22,3 N	15,7 N/mm	12,0 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	45,7 N/mm	35,0 N	20,7 N/mm	15,8 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	56,4 N/mm	43,1 N	38,7 N/mm	29,6 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	11,5 N/mm	8,77 N	11,5 N/mm	8,77 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	29,2 N/mm	22,3 N	15,7 N/mm	12,0 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	45,7 N/mm	35,0 N	20,7 N/mm	15,8 N		
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	56,4 N/mm	43,1 N	38,7 N/mm	29,6 N		

\* Nickel trace elements of ≤ 0,2% are due to the process of manufacturing

Thermo-active nickel titanium

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
30 °C/86 °F	2 %	0,49 N	0,33 N	0,29 N	0,27 N	0,49 N	0,33 N	0,29 N	0,27 N
30 °C/86 °F	2 %	0,91 N	0,60 N	0,53 N	0,49 N	0,91 N	0,60 N	0,53 N	0,49 N
30 °C/86 °F	2 %	1,55 N	1,03 N	0,90 N	0,84 N	1,55 N	1,03 N	0,90 N	0,84 N
30 °C/86 °F	2 %	2,48 N	1,65 N	1,44 N	1,35 N	2,48 N	1,65 N	1,44 N	1,35 N

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
30 °C/86 °F	2 %	0,49 N	0,33 N	0,29 N	0,27 N	0,49 N	0,33 N	0,29 N	0,27 N
30 °C/86 °F	2 %	0,91 N	0,60 N	0,53 N	0,49 N	0,91 N	0,60 N	0,53 N	0,49 N
30 °C/86 °F	2 %	1,55 N	1,03 N	0,90 N	0,84 N	1,55 N	1,03 N	0,90 N	0,84 N
30 °C/86 °F	2 %	2,48 N	1,65 N	1,44 N	1,35 N	2,48 N	1,65 N	1,44 N	1,35 N

## Fixed appliance technique / Arches



### Tensic® ideal arches, rectangular

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-710-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-712-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-714-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-716-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-718-00</b>	10 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>766-720-00</b>	10 pieces	

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-711-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-713-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-715-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-717-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-719-00</b>	10 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>766-721-00</b>	10 pieces	

CE 0483

### Equire thermo-active, preformed ideal arches, round

Arch form: American Style

Strength category: super elastic

Mid line marking: Maxillary 3 dots, etched

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-800-00</b>	10 pieces
0.35 mm / 14			<b>766-802-00</b>	10 pieces
0.40 mm / 16			<b>766-804-00</b>	10 pieces
0.45 mm / 18			<b>766-806-00</b>	10 pieces

Mid line marking: Mandibular 1 dot, etched

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-801-00</b>	10 pieces
0.35 mm / 14			<b>766-803-00</b>	10 pieces
0.40 mm / 16			<b>766-805-00</b>	10 pieces
0.45 mm / 18			<b>766-807-00</b>	10 pieces

CE 0483

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	1,93 N	0,68 N	0,57 N	0,46 N	1,93 N	0,68 N	0,57 N	0,46 N
30 °C/86 °F	2 %	4,92 N	1,74 N	1,44 N	1,18 N	2,64 N	0,93 N	0,77 N	0,63 N
30 °C/86 °F	2 %	7,71 N	2,73 N	2,25 N	1,85 N	3,48 N	1,23 N	1,02 N	0,83 N
30 °C/86 °F	2 %	8,24 N	2,92 N	2,41 N	1,98 N	4,26 N	1,51 N	1,25 N	1,02 N
30 °C/86 °F	2 %	8,60 N	3,05 N	2,52 N	2,06 N	4,84 N	1,71 N	1,42 N	1,16 N
30 °C/86 °F	2 %	9,50 N	3,36 N	2,78 N	2,28 N	6,51 N	2,31 N	1,91 N	1,56 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	1,93 N	0,68 N	0,57 N	0,46 N	1,93 N	0,68 N	0,57 N	0,46 N
30 °C/86 °F	2 %	4,92 N	1,74 N	1,44 N	1,18 N	2,64 N	0,93 N	0,77 N	0,63 N
30 °C/86 °F	2 %	7,71 N	2,73 N	2,25 N	1,85 N	3,48 N	1,23 N	1,02 N	0,83 N
30 °C/86 °F	2 %	8,24 N	2,92 N	2,41 N	1,98 N	4,26 N	1,51 N	1,25 N	1,02 N
30 °C/86 °F	2 %	8,60 N	3,05 N	2,52 N	2,06 N	4,84 N	1,71 N	1,42 N	1,16 N
30 °C/86 °F	2 %	9,50 N	3,36 N	2,78 N	2,28 N	6,51 N	2,31 N	1,91 N	1,56 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	0,49 N	0,33 N	0,29 N	0,27 N	0,49 N	0,33 N	0,29 N	0,27 N
30 °C/86 °F	2 %	0,91 N	0,60 N	0,53 N	0,49 N	0,91 N	0,60 N	0,53 N	0,49 N
30 °C/86 °F	2 %	1,55 N	1,03 N	0,90 N	0,84 N	1,55 N	1,03 N	0,90 N	0,84 N
30 °C/86 °F	2 %	2,48 N	1,65 N	1,44 N	1,35 N	2,48 N	1,65 N	1,44 N	1,35 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	0,49 N	0,33 N	0,29 N	0,27 N	0,49 N	0,33 N	0,29 N	0,27 N
30 °C/86 °F	2 %	0,91 N	0,60 N	0,53 N	0,49 N	0,91 N	0,60 N	0,53 N	0,49 N
30 °C/86 °F	2 %	1,55 N	1,03 N	0,90 N	0,84 N	1,55 N	1,03 N	0,90 N	0,84 N
30 °C/86 °F	2 %	2,48 N	1,65 N	1,44 N	1,35 N	2,48 N	1,65 N	1,44 N	1,35 N

## Fixed appliance technique / Arches



### Equire thermo-active, preformed ideal arches, rectangular

Arch form: American Style

Strength category: super elastic

Mid line marking: Maxillary 3 dots, etched

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-808-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-810-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-812-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-814-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-816-00</b>	10 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>766-818-00</b>	10 pieces	

Mid line marking: Mandibular 1 dot, etched

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-809-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-811-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-813-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-815-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-817-00</b>	10 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>766-819-00</b>	10 pieces	

CE 0483



### Tensic® White ideal arches, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: none

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			<b>768-026-00</b>	3 pieces
0.45 mm / 18			<b>768-028-00</b>	3 pieces
$\varnothing$	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			<b>768-027-00</b>	3 pieces
0.45 mm / 18			<b>768-029-00</b>	3 pieces

CE 0483

Thermo-active nickel titanium

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	1,93 N	0,68 N	0,57 N	0,46 N	1,93 N	0,68 N	0,57 N	0,46 N
30 °C/86 °F	2 %	4,92 N	1,74 N	1,44 N	1,18 N	2,64 N	0,93 N	0,77 N	0,63 N
30 °C/86 °F	2 %	7,71 N	2,73 N	2,25 N	1,85 N	3,48 N	1,23 N	1,02 N	0,83 N
30 °C/86 °F	2 %	8,24 N	2,92 N	2,41 N	1,98 N	4,26 N	1,51 N	1,25 N	1,02 N
30 °C/86 °F	2 %	8,60 N	3,05 N	2,52 N	2,06 N	4,84 N	1,71 N	1,42 N	1,16 N
30 °C/86 °F	2 %	9,50 N	3,36 N	2,78 N	2,28 N	6,51 N	2,31 N	1,91 N	1,56 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	1,93 N	0,68 N	0,57 N	0,46 N	1,93 N	0,68 N	0,57 N	0,46 N
30 °C/86 °F	2 %	4,92 N	1,74 N	1,44 N	1,18 N	2,64 N	0,93 N	0,77 N	0,63 N
30 °C/86 °F	2 %	7,71 N	2,73 N	2,25 N	1,85 N	3,48 N	1,23 N	1,02 N	0,83 N
30 °C/86 °F	2 %	8,24 N	2,92 N	2,41 N	1,98 N	4,26 N	1,51 N	1,25 N	1,02 N
30 °C/86 °F	2 %	8,60 N	3,05 N	2,52 N	2,06 N	4,84 N	1,71 N	1,42 N	1,16 N
30 °C/86 °F	2 %	9,50 N	3,36 N	2,78 N	2,28 N	6,51 N	2,31 N	1,91 N	1,56 N

Thermo-active nickel titanium (white coated)

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	1,55 N	1,03 N	0,90 N	0,84 N	1,55 N	1,03 N	0,90 N	0,84 N
30 °C/86 °F	2 %	2,48 N	1,65 N	1,44 N	1,35 N	2,48 N	1,65 N	1,44 N	1,35 N
<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %	1,55 N	1,03 N	0,90 N	0,84 N	1,55 N	1,03 N	0,90 N	0,84 N
30 °C/86 °F	2 %	2,48 N	1,65 N	1,44 N	1,35 N	2,48 N	1,65 N	1,44 N	1,35 N

## Fixed appliance technique / Arches



### Tensic® White ideal arches, rectangular

Strength category: super elastic

Color coded packaging: orange

Mid line marking: none

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>768-030-00</b>	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>768-032-00</b>	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>768-034-00</b>	3 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	<b>768-038-00</b>	3 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	<b>768-040-00</b>	3 pieces

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>768-031-00</b>	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>768-033-00</b>	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>768-035-00</b>	3 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	<b>768-039-00</b>	3 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	<b>768-041-00</b>	3 pieces

CE 0483



### rematitan® sl ideal arch, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: with dimple

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-270-00</b>	10 pieces
0.35 mm / 14			<b>766-272-00</b>	10 pieces
0.40 mm / 16			<b>766-274-00</b>	10 pieces
0.45 mm / 18			<b>766-276-00</b>	10 pieces



$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-271-00</b>	10 pieces
0.35 mm / 14			<b>766-273-00</b>	10 pieces
0.40 mm / 16			<b>766-275-00</b>	10 pieces
0.45 mm / 18			<b>766-277-00</b>	10 pieces

CE 0483

Thermo-active nickel titanium (white coated)

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %		1,93 N	0,68 N	0,57 N	0,46 N	1,93 N	0,68 N	0,57 N	0,46 N
30 °C/86 °F	2 %		4,92 N	1,74 N	1,44 N	1,18 N	2,64 N	0,93 N	0,77 N	0,63 N
30 °C/86 °F	2 %		7,71 N	2,73 N	2,25 N	1,85 N	3,48 N	1,23 N	1,02 N	0,83 N
30 °C/86 °F	2 %		8,24 N	2,92 N	2,41 N	1,98 N	4,26 N	1,51 N	1,25 N	1,02 N
30 °C/86 °F	2 %		8,60 N	3,05 N	2,52 N	2,06 N	4,84 N	1,71 N	1,42 N	1,16 N

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
30 °C/86 °F	2 %		1,93 N	0,68 N	0,57 N	0,46 N	1,93 N	0,68 N	0,57 N	0,46 N
30 °C/86 °F	2 %		4,92 N	1,74 N	1,44 N	1,18 N	2,64 N	0,93 N	0,77 N	0,63 N
30 °C/86 °F	2 %		7,71 N	2,73 N	2,25 N	1,85 N	3,48 N	1,23 N	1,02 N	0,83 N
30 °C/86 °F	2 %		8,24 N	2,92 N	2,41 N	1,98 N	4,26 N	1,51 N	1,25 N	1,02 N
30 °C/86 °F	2 %		8,60 N	3,05 N	2,52 N	2,06 N	4,84 N	1,71 N	1,42 N	1,16 N

Nickel titanium

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		0,65 N	0,57 N	0,57 N	0,54 N	0,65 N	0,57 N	0,57 N	0,54 N
- 10 °C/14 °F	2 %		1,20 N	1,05 N	1,05 N	1,01 N	1,20 N	1,05 N	1,05 N	1,01 N
- 10 °C/14 °F	2 %		2,05 N	1,80 N	1,79 N	1,72 N	2,05 N	1,80 N	1,79 N	1,72 N
- 10 °C/14 °F	2 %		3,28 N	2,88 N	2,86 N	2,75 N	3,28 N	2,88 N	2,86 N	2,75 N

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		0,65 N	0,57 N	0,57 N	0,54 N	0,65 N	0,57 N	0,57 N	0,54 N
- 10 °C/14 °F	2 %		1,20 N	1,05 N	1,05 N	1,01 N	1,20 N	1,05 N	1,05 N	1,01 N
- 10 °C/14 °F	2 %		2,05 N	1,80 N	1,79 N	1,72 N	2,05 N	1,80 N	1,79 N	1,72 N
- 10 °C/14 °F	2 %		3,28 N	2,88 N	2,86 N	2,75 N	3,28 N	2,88 N	2,86 N	2,75 N

## Fixed appliance technique / Arches



### rematitan® sl ideal arch, rectangular

Strength category: super elastic

Color coded packaging: orange

Mid line marking: with dimple

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			<b>766-278-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22			<b>766-280-00</b>	10 pieces
0.43 x 0.64 mm / 17 x 25			<b>766-282-00</b>	10 pieces
0.48 x 0.64 mm / 19 x 25			<b>766-284-00</b>	10 pieces

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			<b>766-279-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22			<b>766-281-00</b>	10 pieces
0.43 x 0.64 mm / 17 x 25			<b>766-283-00</b>	10 pieces
0.48 x 0.64 mm / 19 x 25			<b>766-285-00</b>	10 pieces

CE 0483



### rematitan® "LITE" arches, Arch form I (tapered)

for McLaughlin-Bennett-Trevisi technique\*\*

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>766-180-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>766-181-00</b>	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>766-182-00</b>	10 pieces

CE 0483



### rematitan® "LITE" arches, Arch form II (square)

for McLaughlin-Bennett-Trevisi technique\*\*

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>766-183-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>766-184-00</b>	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>766-185-00</b>	10 pieces

CE 0483

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,07 N	1,82 N	1,67 N	1,54 N	2,07 N	1,82 N	1,67 N	1,54 N
- 10 °C/14 °F	2 %		5,27 N	4,63 N	4,25 N	3,93 N	2,82 N	2,48 N	2,28 N	2,11 N
- 10 °C/14 °F	2 %		8,25 N	7,25 N	6,66 N	6,16 N	3,72 N	3,27 N	3,01 N	2,78 N
- 10 °C/14 °F	2 %		9,21 N	8,09 N	7,43 N	6,88 N	5,18 N	4,55 N	4,18 N	3,87 N

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,07 N	1,82 N	1,67 N	1,54 N	2,07 N	1,82 N	1,67 N	1,54 N
- 10 °C/14 °F	2 %		5,27 N	4,63 N	4,25 N	3,93 N	2,82 N	2,48 N	2,28 N	2,11 N
- 10 °C/14 °F	2 %		8,25 N	7,25 N	6,66 N	6,16 N	3,72 N	3,27 N	3,01 N	2,78 N
- 10 °C/14 °F	2 %		9,21 N	8,09 N	7,43 N	6,88 N	5,18 N	4,55 N	4,18 N	3,87 N

\*\* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

	<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %		7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %		11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

\*\* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

## Fixed appliance technique / Arches



### rematitan® "LITE" arches, Arch form III (oval)

for McLaughlin-Bennett-Trevisi technique\*

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-186-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-187-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-188-00	10 pieces

CE 0483



### rematitan® "LITE" Ricketts® PENTA arches, normal

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			766-250-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-251-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-252-00	10 pieces

CE 0483



### rematitan® "LITE" Ricketts® PENTA arches, sharp

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			766-253-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-254-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-255-00	10 pieces

CE 0483



### rematitan® "LITE" Ricketts® PENTA arches, oval

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			766-256-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-257-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-258-00	10 pieces

CE 0483

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

\*\* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

## Fixed appliance technique / Arches



### rematitan® "LITE" Ricketts® PENTA arches, extra sharp

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity	
	0.41 x 0.41 mm / 16 x 16		<b>766-259-00</b>	10 pieces	
	0.41 x 0.56 mm / 16 x 22		<b>766-260-00</b>	10 pieces	
	0.43 x 0.64 mm / 17 x 25		<b>766-261-00</b>	10 pieces	

CE 0483



### rematitan® "LITE" Ricketts® PENTA arches, oval narrow

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity	
	0.41 x 0.41 mm / 16 x 16		<b>766-262-00</b>	10 pieces	
	0.41 x 0.56 mm / 16 x 22		<b>766-263-00</b>	10 pieces	
	0.43 x 0.64 mm / 17 x 25		<b>766-264-00</b>	10 pieces	

CE 0483



### rematitan® "LITE" ideal arches, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary 3 dots

$\varnothing$	Length	Diagonal M.	REF	Quantity	
0.30 mm / 12			<b>766-058-00</b>	10 pieces	
0.35 mm / 14			<b>766-080-00</b>	10 pieces	
0.35 mm / 14			<b>766-080-01</b>	50 pieces	
0.40 mm / 16			<b>766-082-00</b>	10 pieces	
0.40 mm / 16			<b>766-082-01</b>	50 pieces	
0.45 mm / 18			<b>766-084-00</b>	10 pieces	
0.45 mm / 18			<b>766-084-01</b>	50 pieces	

Mid line marking: Mandibular 1 dot

$\varnothing$	Length	Diagonal M.	REF	Quantity	
0.30 mm / 12			<b>766-059-00</b>	10 pieces	
0.35 mm / 14			<b>766-081-00</b>	10 pieces	
0.35 mm / 14			<b>766-081-01</b>	50 pieces	
0.40 mm / 16			<b>766-083-00</b>	10 pieces	
0.40 mm / 16			<b>766-083-01</b>	50 pieces	
0.45 mm / 18			<b>766-085-00</b>	10 pieces	
0.45 mm / 18			<b>766-085-01</b>	50 pieces	

CE 0483

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %		7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %		11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %		7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %		11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %		1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %		1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %		2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %		2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %		3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N
- 10 °C/14 °F	2 %		3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %		1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %		1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %		2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %		2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %		3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N
- 10 °C/14 °F	2 %		3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

## Fixed appliance technique / Arches



### rematitan® "LITE" ideal arches, rectangular

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-088-00</b>	10 pieces	
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-088-01</b>	50 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-090-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-090-01</b>	50 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-092-00</b>	10 pieces	

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-089-00</b>	10 pieces	
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-089-01</b>	50 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-091-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-091-01</b>	50 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-093-00</b>	10 pieces	

0483

### rematitan® "LITE" ideal arches, round

Strength category: super elastic

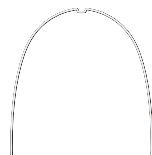
Color coded packaging: orange

Mid line marking: with dimple

<b>ø</b>	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-060-00</b>	10 pieces
0.35 mm / 14			<b>766-062-00</b>	10 pieces
0.40 mm / 16			<b>766-064-00</b>	10 pieces
0.45 mm / 18			<b>766-066-00</b>	10 pieces

<b>ø</b>	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-061-00</b>	10 pieces
0.35 mm / 14			<b>766-063-00</b>	10 pieces
0.40 mm / 16			<b>766-065-00</b>	10 pieces
0.45 mm / 18			<b>766-067-00</b>	10 pieces

0483



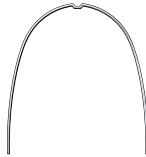
<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %	1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %	3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %	1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %	3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

## Fixed appliance technique / Arches



### rematitan® "LITE" ideal arches, rectangular

Strength category: super elastic

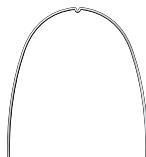
Color coded packaging: orange

Mid line marking: with dimple

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-068-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-070-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-072-00</b>	10 pieces	
0.46 x 0.46 mm / 18 x 18	0.59 mm	<b>766-074-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-076-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-078-00</b>	10 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>766-086-00</b>	10 pieces	

<input checked="" type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	<b>766-069-00</b>	10 pieces	
0.41 x 0.56 mm / 16 x 22	0.62 mm	<b>766-071-00</b>	10 pieces	
0.43 x 0.64 mm / 17 x 25	0.70 mm	<b>766-073-00</b>	10 pieces	
0.46 x 0.46 mm / 18 x 18	0.59 mm	<b>766-075-00</b>	10 pieces	
0.46 x 0.64 mm / 18 x 25	0.71 mm	<b>766-077-00</b>	10 pieces	
0.48 x 0.64 mm / 19 x 25	0.73 mm	<b>766-079-00</b>	10 pieces	
0.53 x 0.64 mm / 21 x 25	0.76 mm	<b>766-087-00</b>	10 pieces	

CE 0483



### rematitan® "LITE" ideal arches, round

For narrow jaws. Narrow arch form.

Strength category: super elastic

Color coded packaging: orange

Mid line marking: with dimple

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-160-00</b>	10 pieces
0.35 mm / 14			<b>766-162-00</b>	10 pieces
0.40 mm / 16			<b>766-164-00</b>	10 pieces
0.45 mm / 18			<b>766-166-00</b>	10 pieces

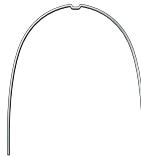
$\varnothing$	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			<b>766-161-00</b>	10 pieces
0.35 mm / 14			<b>766-163-00</b>	10 pieces
0.40 mm / 16			<b>766-165-00</b>	10 pieces
0.45 mm / 18			<b>766-167-00</b>	10 pieces

CE 0483



<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N
- 10 °C/14 °F	2 %	4,61 N	2,81 N	2,90 N	2,54 N	4,61 N	2,81 N	2,90 N	2,54 N
- 10 °C/14 °F	2 %	12,4 N	7,56 N	7,81 N	6,85 N	6,41 N	3,91 N	4,04 N	3,54 N
- 10 °C/14 °F	2 %	13,0 N	7,89 N	8,15 N	7,15 N	7,29 N	4,44 N	4,58 N	4,02 N
- 10 °C/14 °F	2 %	14,33 N	8,72 N	9,00 N	7,89 N	9,83 N	5,98 N	6,17 N	5,41 N
<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N
- 10 °C/14 °F	2 %	4,61 N	2,81 N	2,90 N	2,54 N	4,61 N	2,81 N	2,90 N	2,54 N
- 10 °C/14 °F	2 %	12,4 N	7,56 N	7,81 N	6,85 N	6,41 N	3,91 N	4,04 N	3,54 N
- 10 °C/14 °F	2 %	13,0 N	7,89 N	8,15 N	7,15 N	7,29 N	4,44 N	4,58 N	4,02 N
- 10 °C/14 °F	2 %	14,33 N	8,72 N	9,00 N	7,89 N	9,83 N	5,98 N	6,17 N	5,41 N
<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %	1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %	3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N
<b>A<sub>t</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %	1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %	3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

## Fixed appliance technique / Arches



### rematitan® "LITE" ideal arches, rectangular

For narrow jaws. Narrow arch form.

Strength category: super elastic

Color coded packaging: orange

Mid line marking: with dimple

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-168-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-170-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-172-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-174-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-176-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-178-00	10 pieces

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-169-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-171-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-173-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-175-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-177-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-179-00	10 pieces

CE 0483



### rema Spee® retraction arches, round

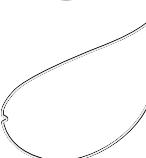
Strength category: super elastic

Mid line marking: with dimple

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-050-00	10 pieces
0.45 mm / 18			766-052-00	10 pieces

$\varnothing$	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-051-00	10 pieces
0.45 mm / 18			766-053-00	10 pieces

CE 0483



### rema Spee® retraction arches, rectangular

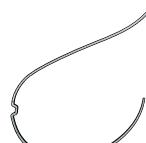
Strength category: super elastic

Mid line marking: with dimple

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-054-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-056-00	10 pieces

<input type="checkbox"/>	Length	Diagonal M.	REF	Quantity
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-055-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-057-00	10 pieces

CE 0483



<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N
- 10 °C/14 °F	2 %	4,61 N	2,81 N	2,90 N	2,54 N	4,61 N	2,81 N	2,90 N	2,54 N
- 10 °C/14 °F	2 %	12,4 N	7,56 N	7,81 N	6,85 N	6,41 N	3,91 N	4,04 N	3,54 N
- 10 °C/14 °F	2 %	13,0 N	7,89 N	8,15 N	7,15 N	7,29 N	4,44 N	4,58 N	4,02 N

<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N
- 10 °C/14 °F	2 %	4,61 N	2,81 N	2,90 N	2,54 N	4,61 N	2,81 N	2,90 N	2,54 N
- 10 °C/14 °F	2 %	12,4 N	7,56 N	7,81 N	6,85 N	6,41 N	3,91 N	4,04 N	3,54 N
- 10 °C/14 °F	2 %	13,0 N	7,89 N	8,15 N	7,15 N	7,29 N	4,44 N	4,58 N	4,02 N

<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %	3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %	3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %	7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %	11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

## Fixed appliance technique / Arches



### rematitan® "LITE" White ideal arches, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: none

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16			<b>768-014-00</b>	3 pieces
0.45 mm / 18			<b>768-016-00</b>	3 pieces

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16			<b>768-015-00</b>	3 pieces
0.45 mm / 18			<b>768-017-00</b>	3 pieces

**CE 0483**



### rematitan® "LITE" White ideal arches, rectangular

Strength category: super elastic

Color coded packaging: orange

Mid line marking: none

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>768-018-00</b>	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>768-020-00</b>	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>768-022-00</b>	3 pieces

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>768-019-00</b>	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>768-021-00</b>	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>768-023-00</b>	3 pieces

**CE 0483**



### remaloy® ideal arches, rectangular

Strength category: hard plus · 1600 – 1800 N/mm<sup>2</sup>

Color coded packaging: blue

Mid line marking: Maxillary 1 dot, black

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>769-100-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>769-101-00</b>	10 pieces

Mid line marking: Mandibular 1 dot, red

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>769-200-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>769-201-00</b>	10 pieces

**CE 0483**

## Nickel titanium (white coated)

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %		3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N
- 10 °C/14 °F	2 %		3,39 N	3,11 N	2,92 N	2,59 N	3,39 N	3,11 N	2,92 N	2,59 N

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %		7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %		11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

	<b>A<sub>f</sub></b>	<b>Rev.</b>	<b>F<sub>3,0</sub> (1. Deg.)</b>	<b>F<sub>2,0</sub> (1. Deg.)</b>	<b>F<sub>1,0</sub> (1. Deg.)</b>	<b>F<sub>0,5</sub> (1. Deg.)</b>	<b>F<sub>3,0</sub> (2. Deg.)</b>	<b>F<sub>2,0</sub> (2. Deg.)</b>	<b>F<sub>1,0</sub> (2. Deg.)</b>	<b>F<sub>0,5</sub> (2. Deg.)</b>
- 10 °C/14 °F	2 %		2,91 N	1,77 N	1,83 N	1,61 N	2,91 N	1,77 N	1,83 N	1,61 N
- 10 °C/14 °F	2 %		7,41 N	4,51 N	4,66 N	4,09 N	3,97 N	2,42 N	2,50 N	2,19 N
- 10 °C/14 °F	2 %		11,6 N	7,07 N	7,30 N	6,40 N	5,24 N	3,19 N	3,30 N	2,89 N

## CoCr

	<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	3.1 %	14,0 N/mm	9,00 N	14,0 N/mm	9,00 N			
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	3.1 %	35,0 N/mm	16,0 N	19,0 N/mm	11,0 N			

	<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	3.1 %	14,0 N/mm	9,00 N	14,0 N/mm	9,00 N			
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	3.1 %	35,0 N/mm	16,0 N	19,0 N/mm	11,0 N			

## Fixed appliance technique / Arches



### rematitan® SPECIAL ideal arches, round

Strength category: middle plus · 1100 – 1400 N/mm<sup>2</sup>

Color coded packaging: yellow

Mid line marking: Maxillary 3 dots

<b>ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16			<b>766-605-00</b>	10 pieces
0.45 mm / 18			<b>766-607-00</b>	10 pieces

Mid line marking: Mandibular 1 dot

<b>ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16			<b>766-606-00</b>	10 pieces
0.45 mm / 18			<b>766-608-00</b>	10 pieces

0483

### rematitan® SPECIAL ideal arches, rectangular

Strength category: middle plus · 1100 – 1400 N/mm<sup>2</sup>

Color coded packaging: yellow

Mid line marking: Maxillary 3 dots

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>766-631-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>766-609-00</b>	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>766-611-00</b>	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	<b>766-613-00</b>	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	<b>766-615-00</b>	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	<b>766-617-00</b>	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	<b>766-619-00</b>	10 pieces

Mid line marking: Mandibular 1 dot

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16		0.54 mm	<b>766-632-00</b>	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	<b>766-610-00</b>	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	<b>766-612-00</b>	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	<b>766-614-00</b>	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	<b>766-616-00</b>	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	<b>766-618-00</b>	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	<b>766-620-00</b>	10 pieces

0483

### Translucent pearl ideal arch, round

Mid line marking: none

<b>ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.45 mm / 18			<b>766-906-00</b>	5 pieces

0483

## Nickel free titanium molybdenum

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	3,20 N/mm	3,99 N	3,20 N/mm	3,99 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	5,10 N/mm	6,38 N	5,10 N/mm	6,38 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	3,20 N/mm	3,99 N	3,20 N/mm	3,99 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	5,10 N/mm	6,38 N	5,10 N/mm	6,38 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	5,97 N/mm	6,00 N	5,97 N/mm	6,00 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	15,2 N/mm	15,3 N	8,15 N/mm	8,17 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	23,8 N/mm	23,9 N	10,7 N/mm	10,8 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	9,45 N/mm	9,48 N	9,45 N/mm	9,48 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	25,5 N/mm	25,5 N	13,2 N/mm	13,2 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	26,6 N/mm	26,6 N	14,9 N/mm	15,0 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	29,3 N/mm	29,4 N	20,1 N/mm	20,2 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	5,97 N/mm	6,00 N	5,97 N/mm	6,00 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	15,2 N/mm	15,3 N	8,15 N/mm	8,17 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	23,8 N/mm	23,9 N	10,7 N/mm	10,8 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	9,45 N/mm	9,48 N	9,45 N/mm	9,48 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	25,5 N/mm	25,5 N	13,2 N/mm	13,2 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	26,6 N/mm	26,6 N	14,9 N/mm	15,0 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3.6 %	29,3 N/mm	29,4 N	20,1 N/mm	20,2 N		

## Glass fiber-reinforced plastic

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		

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**New**

## Fixed appliance technique / Straight wires



### remanium® straight wires, round

Strength category: extra spring hard · 2300 – 2500 N/mm<sup>2</sup>

Color coded packaging: red

Ø	Length	Diagonal M.	REF	Quantity
0.35 mm / 14	each 380 mm		535-035-00	25 pieces
0.40 mm / 16	each 380 mm		535-040-00	25 pieces
0.45 mm / 18	each 380 mm		535-045-00	25 pieces

CE 0483



### remanium® straight wires, rectangular

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Color coded packaging: red

◻	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	537-340-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	537-310-00	10 pieces
0.43 x 0.56 mm / 17 x 22	each 380 mm	0.64 mm	537-311-00	10 pieces
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	537-313-00	10 pieces
0.46 x 0.64 mm / 18 x 25	each 380 mm	0.71 mm	537-314-00	10 pieces
0.48 x 0.48 mm / 19 x 19	each 380 mm	0.62 mm	535-048-00	25 pieces
0.51 x 0.51 mm / 20 x 20	each 380 mm	0.64 mm	535-051-00	25 pieces
0.55 x 0.70 mm / 21.5 x 28	each 380 mm	0.81 mm	537-324-00	10 pieces

CE 0483



### remanium® straight wires, rectangular

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: red

◻	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	537-440-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	537-410-00	10 pieces
0.43 x 0.56 mm / 17 x 22	each 380 mm	0.64 mm	537-411-00	10 pieces
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	537-413-00	10 pieces
0.46 x 0.64 mm / 18 x 25	each 380 mm	0.71 mm	537-414-00	10 pieces
0.55 x 0.64 mm / 21.5 x 25	each 380 mm	0.76 mm	537-423-00	10 pieces
0.55 x 0.70 mm / 21.5 x 28	each 380 mm	0.81 mm	537-424-00	10 pieces

CE 0483



### dentaflex® straight wires, round, 3-strand twisted

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: red

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	each 380 mm		545-738-00	10 pieces
0.45 mm / 18	each 380 mm		545-745-00	10 pieces
0.50 mm / 20	each 380 mm		545-750-00	10 pieces

CE 0483

Stainless steel (Nickel chromium)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2400 N/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	2.0 %	4,20 N/mm	4,10 N	4,20 N/mm	4,10 N		
170 kN/mm <sup>2</sup>	2400 N/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	2.0 %	7,20 N/mm	7,00 N	7,20 N/mm	7,00 N		
170 kN/mm <sup>2</sup>	2400 N/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	2.0 %	11,6 N/mm	11,2 N	11,6 N/mm	11,2 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	11,2 N/mm	7,78 N	11,2 N/mm	7,78 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	28,5 N/mm	19,8 N	15,3 N/mm	10,6 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	29,9 N/mm	20,8 N	17,6 N/mm	12,3 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	44,6 N/mm	31,0 N	20,1 N/mm	14,0 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	47,7 N/mm	33,2 N	24,6 N/mm	17,1 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	21,0 N/mm	14,6 N	21,0 N/mm	14,6 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	26,8 N/mm	18,6 N	26,8 N/mm	18,6 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	74,6 N/mm	51,9 N	46,1 N/mm	32,1 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	11,2 N/mm	7,78 N	11,2 N/mm	7,78 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	28,5 N/mm	19,8 N	15,3 N/mm	10,6 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	29,9 N/mm	20,8 N	17,6 N/mm	12,3 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	44,6 N/mm	31,0 N	20,1 N/mm	14,0 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	47,7 N/mm	33,2 N	24,6 N/mm	17,1 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	57,0 N/mm	39,7 N	42,1 N/mm	29,3 N		
170 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1800 N/mm <sup>2</sup>	2.3 %	74,6 N/mm	51,9 N	46,1 N/mm	32,1 N		

Stainless steel (twisted and braided)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>				1,03 N/mm	1,21 N	1,03 N/mm	1,21 N		
170 kN/mm <sup>2</sup>				2,03 N/mm	2,38 N	2,03 N/mm	2,38 N		
170 kN/mm <sup>2</sup>				3,09 N/mm	3,60 N	3,09 N/mm	3,60 N		

## Fixed appliance technique / Straight wires



### dentaflex® straight wires, round, 6-strand "co-axial"

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: red

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	each 380 mm		545-638-00	10 pieces
0.45 mm / 18	each 380 mm		545-645-00	10 pieces

CE 0483



### Noninium® straight wires, round

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: green

Ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12	each 380 mm		764-000-00	10 pieces
0.35 mm / 14	each 380 mm		764-001-00	10 pieces
0.40 mm / 16	each 380 mm		764-002-00	10 pieces
0.45 mm / 18	each 380 mm		764-003-00	10 pieces

CE 0483



### Noninium® straight wires, rectangular

Strength category: spring hard plus · 2000 – 2300 N/mm<sup>2</sup>

Color coded packaging: green

Ø	Length	Diagonal M.	REF	Quantity
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	764-006-00	10 pieces

CE 0483



### Noninium® straight wires, round, 3-stranded twisted

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Color coded packaging: green

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	each 380 mm		764-050-00	10 pieces
0.45 mm / 18	each 380 mm		764-051-00	10 pieces
0.50 mm / 20	each 380 mm		764-052-00	10 pieces

CE 0483



### remaloy® straight wires, rectangular

Strength category: hard plus · 1600 – 1800 N/mm<sup>2</sup>

Color coded packaging: blue

Ø	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	537-540-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	537-510-00	10 pieces

CE 0483

Stainless steel (twisted and braided)

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)	
170 kN/mm <sup>2</sup>				0,46 N/mm	0,63 N	0,46 N/mm	0,63 N	
170 kN/mm <sup>2</sup>				0,91 N/mm	1,25 N	0,91 N/mm	1,25 N	

Nickel free\* stainless steel

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)	
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	2,54 N/mm	2,19 N	2,54 N/mm	2,19 N	
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	4,71 N/mm	4,05 N	4,71 N/mm	4,05 N	
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	8,04 N/mm	6,91 N	8,04 N/mm	6,91 N	
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	12,9 N/mm	11,1 N	12,9 N/mm	11,1 N	

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)	
160 kN/mm <sup>2</sup>	2200 N/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	3,3 %	45,7 N/mm	35,0 N	20,7 N/mm	15,8 N	

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)	
160 kN/mm <sup>2</sup>				1,38 N/mm	1,75 N	1,38 N/mm	1,75 N	
160 kN/mm <sup>2</sup>				2,71 N/mm	3,44 N	2,71 N/mm	3,44 N	
160 kN/mm <sup>2</sup>				4,13 N/mm	5,25 N	4,13 N/mm	5,25 N	

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

CoCr

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)	
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	3,1 %	14,7 N/mm	7,12 N	14,7 N/mm	7,12 N	
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1300 N/mm <sup>2</sup>	3,1 %	37,4 N/mm	18,1 N	20,0 N/mm	9,72 N	

## Fixed appliance technique / Straight wires



### rematitan® SPECIAL straight wires, round

Strength category: middle plus · 1100 – 1400 N/mm<sup>2</sup>

Color coded packaging: yellow

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16	each 380 mm		766-600-00	10 pieces
0.45 mm / 18	each 380 mm		766-601-00	10 pieces
0.80 mm / 32	each 360 mm		766-629-00	10 pieces

CE 0483



### rematitan® SPECIAL straight wires, rectangular

Strength category: middle plus · 1100 – 1400 N/mm<sup>2</sup>

Color coded packaging: yellow

<input checked="" type="checkbox"/>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.41 x 0.41 mm / 16 x 16	each 360 mm	0.54 mm	766-633-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	766-602-00	10 pieces
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	766-603-00	10 pieces
0.48 x 0.64 mm / 19 x 25	each 380 mm	0.73 mm	766-604-00	10 pieces

CE 0483



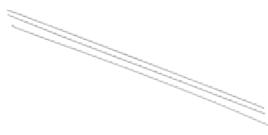
### Titanium retainer wire, Grade 1

for maxillary and mandibular, 3-strand twisted

Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.44 mm / 17	50 mm		528-001-01	10 pieces
0.50 mm / 20	50 mm		528-000-01	10 pieces
0.50 mm / 20	2 m		528-000-02	1 piece

CE 0483



### Titanium retainer wire, Grade 5

for maxillary and mandibular, 3-strand twisted

Grade 5 indicates a very high mechanical strength.

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.44 mm / 17	50 mm		528-001-00	10 pieces
0.50 mm / 20	50 mm		528-000-00	10 pieces



### Gold retainer

for maxillary and mandibular, 3-strand twisted

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.50 mm / 20	160 mm		529-000-00	1 piece

CE 0483

## Nickel free titanium molybdenum

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	3,00 N/mm	3,00 N	3,00 N/mm	3,00 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	4,80 N/mm	4,90 N	4,80 N/mm	4,90 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	48,0 N/mm	33,2 N	48,0 N/mm	33,2 N		

## Titanium

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	5,46 N/mm	4,00 N	5,46 N/mm	4,00 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	13,9 N/mm	10,2 N	7,46 N/mm	5,46 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	21,8 N/mm	16,0 N	9,84 N/mm	7,20 N		
75 kN/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	3,6 %	24,3 N/mm	17,8 N	13,7 N/mm	7,52 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
90 kN/mm <sup>2</sup>				0,74 N/mm	0,56 N	0,74 N/mm	0,56 N		
90 kN/mm <sup>2</sup>				1,06 N/mm	0,76 N	1,06 N/mm	0,76 N		
90 kN/mm <sup>2</sup>				1,06 N/mm	0,76 N	1,06 N/mm	0,76 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
90 kN/mm <sup>2</sup>				1,02 N/mm	1,17 N	1,02 N/mm	1,17 N		
90 kN/mm <sup>2</sup>				1,75 N/mm	2,04 N	1,75 N/mm	2,04 N		

## Gold

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
100 kN/mm <sup>2</sup>				1,23 N/mm	1,60 N	1,23 N/mm	1,60 N		

## Fixed appliance technique / Wires on coils



### remanium® wire on coils, round

Strength category: extra spring hard · 2300 – 2500 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.35 mm / 14	7.5 m		530-035-00	1 piece
0.40 mm / 16	7.5 m		530-040-00	1 piece
0.45 mm / 18	7.5 m		530-045-00	1 piece

CE 0483



### dentaflex® wire on coils, round, 3-strand twisted

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	4 m		545-738-01	1 piece
0.45 mm / 18	4 m		545-745-01	1 piece

CE 0483



### dentaflex® wire on coils, round, 6-strand "co-axial"

Strength category: super spring hard · 2500 – 2700 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	4 m		545-638-01	1 piece
0.45 mm / 18	4 m		545-645-01	1 piece

CE 0483



### rematitan® "LITE" wire on coils, round

For gentle levelling in the initial phase immediately after bonding.

Strength category: super elastic

Ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12	4.5 m		766-094-00	1 piece
0.35 mm / 14	4.5 m		766-095-00	1 piece
0.40 mm / 16	4.5 m		766-196-00	1 piece

CE 0483



### Titanium retainer wire, Grade 1

for maxillary and mandibular, 3-strand twisted

Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

Ø	Length	Diagonal M.	REF	Quantity
0.50 mm / 20	2 m		528-000-02	1 piece

CE 0483

## Stainless steel (Nickel chromium)

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>	2400 N/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	2.0 %	4,20 N/mm	4,10 N	4,20 N/mm	4,10 N		
170 kN/mm <sup>2</sup>	2400 N/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	2.0 %	7,20 N/mm	7,00 N	7,20 N/mm	7,00 N		
170 kN/mm <sup>2</sup>	2400 N/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	2.0 %	11,6 N/mm	11,2 N	11,6 N/mm	11,2 N		

## Stainless steel (twisted and braided)

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>				1,00 N/mm	1,20 N	1,00 N/mm	1,20 N		
170 kN/mm <sup>2</sup>				2,00 N/mm	2,40 N	2,00 N/mm	2,40 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>				0,40 N/mm	0,70 N	0,40 N/mm	0,70 N		
170 kN/mm <sup>2</sup>				0,80 N/mm	1,10 N	0,80 N/mm	1,10 N		

## Nickel titanium

A <sub>t</sub>	Rev.	F <sub>3,0</sub> (1. Deg.)	F <sub>2,0</sub> (1. Deg.)	F <sub>1,0</sub> (1. Deg.)	F <sub>0,5</sub> (1. Deg.)	F <sub>3,0</sub> (2. Deg.)	F <sub>2,0</sub> (2. Deg.)	F <sub>1,0</sub> (2. Deg.)	F <sub>0,5</sub> (2. Deg.)
- 10 °C/14 °F	2 %	0,67 N	0,62 N	0,58 N	0,51 N	0,67 N	0,62 N	0,58 N	0,51 N
- 10 °C/14 °F	2 %	1,24 N	1,14 N	1,07 N	0,95 N	1,24 N	1,14 N	1,07 N	0,95 N
- 10 °C/14 °F	2 %	2,12 N	1,94 N	1,82 N	1,55 N	2,12 N	1,94 N	1,82 N	1,55 N

## Titanium

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
90 kN/mm <sup>2</sup>				1,06 N/mm	0,76 N	1,06 N/mm	0,76 N		

## Fixed appliance technique / Accessories



### remanium® ligature wire

Material: Stainless steel

Strength category: soft ·  $\leq 800 \text{ N/mm}^2$

<b>ø</b>	<b>Length</b>	<b>REF</b>	<b>Quantity</b>
0.25 mm / 10	80 m	<b>500-025-00</b>	1 piece
0.25 mm / 10	1160 m	<b>501-025-00</b>	1 piece
0.30 mm / 12	60 m	<b>500-030-00</b>	1 piece
0.40 mm / 16	30 m	<b>500-040-00</b>	1 piece
0.50 mm / 20	50 m	<b>503-050-00</b>	1 piece

€ 0483

### remanium® preformed ligatures

Material: Stainless steel

Strength category: soft ·  $\leq 800 \text{ N/mm}^2$



<b>Version</b>	<b>ø</b>	<b>REF</b>	<b>Quantity</b>
short	0.25 mm / 10	<b>751-000-00</b>	1000 pieces
long	0.25 mm / 10	<b>751-001-00</b>	1000 pieces

€ 0483

### remanium® Kobayashi ligatures

With hooks for elastics.

Material: Stainless steel

Strength category: soft ·  $\leq 800 \text{ N/mm}^2$



<b>Version</b>	<b>ø</b>	<b>REF</b>	<b>Quantity</b>
short	0.35 mm / 14	<b>751-004-00</b>	100 pieces
long	0.30 mm / 12	<b>751-003-00</b>	100 pieces

€ 0483



### Ligatures White, short

Material: Stainless steel

Strength category: soft ·  $\leq 800 \text{ N/mm}^2$

<b>ø</b>	<b>REF</b>	<b>Quantity</b>
0.30 mm / 12	<b>768-036-00</b>	100 pieces

€ 0483



### Kobayashi White ligatures, short

With hooks for elastics.

Material: Stainless steel

Strength category: soft ·  $\leq 800 \text{ N/mm}^2$

<b>ø</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16	<b>768-037-00</b>	20 pieces

€ 0483

**remanium® tension spring**

Material: Stainless steel

Inner ø	Length	REF	Quantity
0.70 mm / 28	1 m	<b>758-165-00</b>	1 piece
0.75 mm / 30	1 m	<b>758-175-00</b>	1 piece
1.20 mm / 47	10 mm	<b>758-180-00</b>	6 pieces

CE 0483

**rematitan® "LITE" tension springs**

advantages:

- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

With eyelets for easy engagement.

Material: Nickel titanium

Strength category: super elastic



Inner ø	Length with eyelets	Wire strength ø	REF	Quantity
0.76 mm / 30	9 mm	0.25 mm / 10	<b>758-160-00</b>	10 pieces
0.76 mm / 30	12 mm	0.25 mm / 10	<b>758-161-00</b>	10 pieces

CE 0483

**remaloy® cupid retraction springs**

acc. to Ladanyi

For distalizing canines.

Material: CoCr



Quadrant	REF	Quantity
Upper right/Lower left	<b>758-861-00</b>	10 pieces
Upper left/Lower right	<b>758-862-00</b>	10 pieces

CE 0483



## Fixed appliance technique / Accessories



### remanium® compression spring

Material: Stainless steel

Inner ø	Length	REF	Quantity
0.70 mm / 28	1 m	758-365-00	1 piece
0.75 mm / 30	1 m	758-375-00	1 piece
1.20 mm / 47	15 mm	758-380-00	6 pieces

CE 0483

### rematitan® "LITE" compression springs

advantages:

- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

May be individually shortened.

Material: Nickel titanium

Strength category: super elastic

Inner ø	Length	Wire strength ø	Force	REF	Quantity
0.76 mm / 30	18 cm	0.25 mm / 10	light	758-360-00	3 pieces
0.76 mm / 30	18 cm	0.30 mm / 12	middle	758-361-00	3 pieces
0.90 mm / 36	18 cm	0.35 mm / 14	heavy	758-362-00	3 pieces

CE 0483



### rematitan® "LITE" White compression springs

advantages:

- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

May be individually shortened.

Material: Nickel titanium

Strength category: super elastic

Inner ø	Length	Wire strength ø	Force	REF	Quantity
0.76 mm / 30	18 cm	0.25 mm / 10	light	768-360-00	3 pieces
0.76 mm / 30	18 cm	0.30 mm / 12	middle	768-361-00	3 pieces

CE 0483

**remanium® lingual retainer assortment**

For lower cuspids 3-3, anatomically preformed.

**1 assortment = 20 pieces**

Material: Stainless steel

ø 0.80 mm / 32

<b>REF 728-500-00</b>	1 assortment
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CE 0483

**Contents:**

4 x Lingual retainer, 22 mm	REF 728-501-00
4 x Lingual retainer, 24 mm	REF 728-502-00
4 x Lingual retainer, 26 mm	REF 728-503-00
4 x Lingual retainer, 28 mm	REF 728-504-00
4 x Lingual retainer, 30 mm	REF 728-505-00

**remanium® lingual retainer**

For lower cuspids 3-3, anatomically preformed.

The stated length conforms with the transversal distance of both lower cuspids.

Material: Stainless steel



<b>ø</b>	<b>Length</b>	<b>REF</b>	<b>Quantity</b>
0.80 mm / 32	22 mm	<b>728-501-00</b>	5 pieces
0.80 mm / 32	24 mm	<b>728-502-00</b>	5 pieces
0.80 mm / 32	26 mm	<b>728-503-00</b>	5 pieces
0.80 mm / 32	28 mm	<b>728-504-00</b>	5 pieces
0.80 mm / 32	30 mm	<b>728-505-00</b>	5 pieces

CE 0483

**Titanium lingual retainer**

acc. to Kimmich

For lower cuspids 3-3, anatomically preformed.

The stated length conforms with the transversal distance of both lower cuspids.

Material: Titanium



<b>Ø</b>	<b>Length</b>	<b>REF</b>	<b>Quantity</b>
0.50 x 0.90 mm / 20 x 36	22 mm	<b>728-506-01</b>	1 piece
0.50 x 0.90 mm / 20 x 36	24 mm	<b>728-507-01</b>	1 piece
0.50 x 0.90 mm / 20 x 36	26 mm	<b>728-508-01</b>	1 piece
0.50 x 0.90 mm / 20 x 36	28 mm	<b>728-509-01</b>	1 piece
0.50 x 0.90 mm / 20 x 36	30 mm	<b>728-510-01</b>	1 piece

CE 0483

**Jaw fracture splint**

With hooks.

Material: Stainless steel

<b>REF 402-253-00</b>	1 m
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CE 0483



## Fixed appliance technique / Accessories



### Sliding tubes, round

Closed with hook. For lipbumper etc.

Material: Stainless steel

Inner ø	Length	REF	Quantity
0.60 mm / 23	2 mm	480-803-00	10 pieces
0.90 mm / 36	2 mm	480-809-00	10 pieces

€ 0483



### Sliding tubes, rectangular

Slotted with hook. Can be placed directly on the arch wire and crimped in place.

Universal application for the 18 / 22 technique.

Material: Stainless steel

Quadrant	REF	Quantity
Upper right/Lower left	480-619-00	10 pieces
Upper left/Lower right	480-620-00	10 pieces
Upper/Lower right and left	480-621-00	10 pieces
Upper/Lower right and left	480-621-02	2 pieces

€ 0483



### Cross tube

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering. Ideal for stainless steel or titanium connections.

REF 480-000-00 10 pieces

€ 0483

#### Horizontal tube:

Overall length 4.0 mm

Inner  $\square$  0.46 x 0.64 mm / 18 x 25

#### Vertical tube:

Overall length 2.0 mm

Inner  $\square$  0.56 x 0.70 mm / 22 x 28

Material: Stainless steel



### Cross tube

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering. Ideal for stainless steel or titanium connections.

REF 480-100-00 10 pieces

€ 0483

#### Horizontal tube:

Overall length 4.0 mm

Inner  $\square$  0.56 x 0.70 mm / 22 x 28

#### Vertical tube:

Overall length 2.0 mm

Inner  $\square$  0.56 x 0.70 mm / 22 x 28

Material: Stainless steel

**Rectangular tube**

For use with suprastructure in orthodontic implantology for holding wires and springs.

Material: Stainless steel



Inner $\square$	Length	REF	Quantity
0.56 x 0.70 mm / 22 x 28	5 mm	480-022-00	10 pieces

CE 0483

**Stop tubes, slotted**

Prevents slipping within the bracket buccal tube assembly with nickel titanium arches, or as stop for compression springs.



Material: Stainless steel

$\square$	REF	Quantity
0.46 x 0.64 mm / 18 x 25	480-617-00	100 pieces
0.56 x 0.70 mm / 22 x 28	480-618-00	100 pieces

CE 0483

**Arch wire holder for preformed arches**

For 11 different arches.

Especially hygienic due to protective cover.

Material: Acrylic

Dimensions: 25.3 cm x 11.0 cm x 10.3 cm (W x H x D)

REF 055-104-00 1 piece



## Removable appliance technique / Straight wires



### remanium® straight wires, round

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Color coded packaging: red

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.40 mm / 16	each 380 mm		525-040-00	25 pieces
0.70 mm / 28	each 150 mm		527-004-00	1100 pieces
0.70 mm / 28	each 190 mm		527-005-00	900 pieces
0.70 mm / 28	each 300 mm		527-070-00	25 pieces
0.80 mm / 31	each 150 mm		527-006-00	875 pieces
0.80 mm / 31	each 300 mm		527-080-00	25 pieces
0.90 mm / 36	each 300 mm		527-090-00	25 pieces
1.00 mm / 39	each 300 mm		527-100-00	25 pieces

CE 0483



### remaloy® straight wires, round

Recommended for Quad Helix, Crozat appliances, palatal and lingual bars etc.

can be heat treated · 450 °C / 842 °F for about 5 min

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Color coded packaging: blue

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
0.70 mm / 28	each 380 mm		528-070-00	10 pieces
0.80 mm / 31	each 380 mm		528-080-00	10 pieces
0.90 mm / 36	each 380 mm		528-090-00	10 pieces
1.00 mm / 39	each 380 mm		528-100-00	10 pieces
1.10 mm / 43	each 380 mm		528-110-00	10 pieces
1.20 mm / 47	each 380 mm		528-120-00	10 pieces
1.30 mm / 51	each 380 mm		528-130-00	10 pieces
1.50 mm / 59	each 380 mm		528-150-00	10 pieces

CE 0483



### remaloy® straight wires, half round

can be heat treated · 450 °C / 842 °F for about 5 min

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Color coded packaging: blue

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
1.50 x 0.75 mm	each 380 mm		528-155-00	10 pieces
1.75 x 0.90 mm	each 380 mm		528-158-00	10 pieces

CE 0483



### remaloy® straight wires, rectangular rounded

With rounded edges, for use as TPA or reinforcing bow.

can be heat treated · 450 °C / 842 °F for about 5 min

Strength category: hard plus · 1600 – 1800 N/mm<sup>2</sup>

Color coded packaging: blue

<b>Ø</b>	<b>Length</b>	<b>Diagonal M.</b>	<b>REF</b>	<b>Quantity</b>
1.92 x 0.90 mm	each 380 mm		528-159-00	10 pieces

CE 0483

Stainless steel (Nickel chromium)

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	7,20 N/mm	7,00 N	7,20 N/mm	7,00 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	67,0 N/mm	65,0 N	67,0 N/mm	65,0 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	67,0 N/mm	65,0 N	67,0 N/mm	65,0 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	67,0 N/mm	65,0 N	67,0 N/mm	65,0 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	115 N/mm	112 N	115 N/mm	112 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	115 N/mm	112 N	115 N/mm	112 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	184 N/mm	179 N	184 N/mm	179 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	280 N/mm	179 N	280 N/mm	179 N		

CoCr

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	33,6 N/mm	19,2 N	33,6 N/mm	19,2 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	57,3 N/mm	32,7 N	57,3 N/mm	32,7 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	91,9 N/mm	52,4 N	91,9 N/mm	52,4 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	140 N/mm	79,9 N	140 N/mm	79,9 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	205 N/mm	117 N	205 N/mm	117 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	290 N/mm	166 N	290 N/mm	166 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	400 N/mm	228 N	400 N/mm	228 N		
180 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1000 N/mm <sup>2</sup>	5.5 %	709 N/mm	404 N	709 N/mm	404 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
180 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1400 N/mm <sup>2</sup>	3.0 %	181 N/mm	85 N N	181 N/mm	85 N N		
180 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1400 N/mm <sup>2</sup>	3.0 %	345 N/mm	162 N	345 N/mm	162 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
180 kN/mm <sup>2</sup>	1700 N/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	3.7 %	1200 N/mm	508 N	688 N/mm	257 N		

## Removable appliance technique / Wires on coils



### remanium® laboratory coils, round

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	30 m		513-070-00	1 piece
0.80 mm / 31	20 m		513-080-00	1 piece
0.90 mm / 36	10 m		513-090-00	1 piece
1.00 mm / 39	10 m		513-100-00	1 piece
1.20 mm / 47	10 m		513-120-00	1 piece
1.50 mm / 59	10 m		513-150-00	1 piece

CE 0483



### remanium® clinical coils, round

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	165 m		514-070-00	1 piece
0.80 mm / 31	125 m		514-080-00	1 piece
0.90 mm / 36	100 m		514-090-00	1 piece
1.00 mm / 39	80 m		514-100-00	1 piece

CE 0483



### remanium® laboratory coils, round

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16	30 m		521-040-00	1 piece
0.50 mm / 20	50 m		523-050-00	1 piece
0.60 mm / 23	40 m		523-060-00	1 piece
0.70 mm / 28	30 m		523-070-00	1 piece
0.80 mm / 31	20 m		523-080-00	1 piece
0.90 mm / 36	10 m		523-090-00	1 piece
1.00 mm / 39	10 m		523-100-00	1 piece
1.10 mm / 43	10 m		523-110-00	1 piece
1.20 mm / 47	10 m		523-120-00	1 piece
1.50 mm / 59	10 m		523-150-00	1 piece

CE 0483



### remanium® clinical coils, round

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.60 mm / 23	225 m		524-060-00	1 piece
0.70 mm / 28	165 m		524-070-00	1 piece
0.80 mm / 31	125 m		524-080-00	1 piece
0.90 mm / 36	100 m		524-090-00	1 piece
1.00 mm / 39	80 m		524-100-00	1 piece
1.10 mm / 43	70 m		524-110-00	1 piece

CE 0483

Stainless steel (Nickel chromium)

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	30,5 N/mm	20,2 N	30,5 N/mm	20,2 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	52,0 N/mm	34,5 N	52,0 N/mm	34,5 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	83,3 N/mm	55,2 N	83,3 N/mm	55,2 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	127 N/mm	84,1 N	127 N/mm	84,1 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	263 N/mm	174 N	263 N/mm	174 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	643 N/mm	426 N	643 N/mm	426 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	30,5 N/mm	20,2 N	30,5 N/mm	20,2 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	52,0 N/mm	34,5 N	52,0 N/mm	34,5 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	83,3 N/mm	55,2 N	83,3 N/mm	55,2 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	127 N/mm	84,1 N	127 N/mm	84,1 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	3,40 N/mm	2,63 N	3,40 N/mm	2,63 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	8,30 N/mm	6,43 N	8,30 N/mm	6,43 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	17,2 N/mm	13,3 N	17,2 N/mm	13,3 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	31,9 N/mm	24,7 N	31,9 N/mm	24,7 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	54,5 N/mm	42,1 N	54,5 N/mm	42,1 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	87,3 N/mm	67,5 N	87,3 N/mm	67,5 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	133 N/mm	103 N	133 N/mm	103 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	195 N/mm	151 N	195 N/mm	151 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	276 N/mm	213 N	276 N/mm	213 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	673 N/mm	521 N	673 N/mm	521 N		

<b>E-Modul</b>	<b>R<sub>m</sub></b>	<b>R<sub>p0,2</sub></b>	<b>A</b>	<b>S<sub>b</sub> (1. Deg.)</b>	<b>S<sub>0,1</sub> (1. Deg.)</b>	<b>S<sub>b</sub> (2. Deg.)</b>	<b>S<sub>0,1</sub> (2. Deg.)</b>		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	17,2 N/mm	13,3 N	17,2 N/mm	13,3 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	31,9 N/mm	24,7 N	31,9 N/mm	24,7 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	54,5 N/mm	42,1 N	54,5 N/mm	42,1 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	87,3 N/mm	67,5 N	87,3 N/mm	67,5 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	133 N/mm	103 N	133 N/mm	103 N		
170 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1650 N/mm <sup>2</sup>	2.5 %	195 N/mm	151 N	195 N/mm	151 N		

## Removable appliance technique / Wires on coils



### remanium® wire on coils, half round

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
1.30 x 0.65 mm	10 m		308-513-00	1 piece
1.50 x 0.75 mm	10 m		308-515-00	1 piece
1.75 x 0.90 mm	10 m		308-518-00	1 piece
2.00 x 1.00 mm	10 m		308-520-00	1 piece

CE 0483



### remanium® clinical coils, half round

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
1.30 x 0.65 mm	90 m		308-713-00	1 piece
1.50 x 0.75 mm	65 m		308-715-00	1 piece
1.75 x 0.90 mm	50 m		308-718-00	1 piece

CE 0483



### remanium® wire on coils, oval

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
2.40 x 1.40 mm	10 m		385-624-00	1 piece
3.00 x 1.50 mm	10 m		385-630-00	1 piece

CE 0483



### Noninium® wire on coils, round

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	30 m		520-070-00	1 piece
0.80 mm / 31	20 m		520-080-00	1 piece
0.90 mm / 36	10 m		520-090-00	1 piece
1.20 mm / 47	10 m		520-120-00	1 piece

CE 0483



### Noninium® wire on coils, round

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Ø	Length	Diagonal M.	REF	Quantity
0.60 mm / 23	40 m		520-062-00	1 piece
0.70 mm / 28	30 m		520-072-00	1 piece
0.80 mm / 31	20 m		520-082-00	1 piece
0.90 mm / 36	10 m		520-092-00	1 piece

CE 0483

Stainless steel (Nickel chromium)

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	70,2 N/mm	40,8 N	70,2 N/mm	40,8 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	124 N/mm	72,3 N	124 N/mm	72,3 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	258 N/mm	150 N	258 N/mm	150 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	393 N/mm	229 N	393 N/mm	229 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	70,2 N/mm	40,8 N	70,2 N/mm	40,8 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	124 N/mm	72,3 N	124 N/mm	72,3 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	258 N/mm	150 N	258 N/mm	150 N		

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	444 N/mm	280 N	444 N/mm	280 N		
170 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1200 N/mm <sup>2</sup>	2.7 %	1084 N/mm	683 N	1084 N/mm	683 N		

Nickel free\* stainless steel

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
160 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1100 N/mm <sup>2</sup>	3.7 %	75,4 N/mm	64,8 N	75,4 N/mm	64,8 N		
160 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1100 N/mm <sup>2</sup>	3.7 %	129 N/mm	111 N	129 N/mm	111 N		
160 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1100 N/mm <sup>2</sup>	3.7 %	206 N/mm	177 N	206 N/mm	177 N		
160 kN/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	1100 N/mm <sup>2</sup>	3.7 %	651 N/mm	560 N	651 N/mm	560 N		

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

E-Modul	R <sub>m</sub>	R <sub>p0,2</sub>	A	S <sub>b</sub> (1. Deg.)	S <sub>0,1</sub> (1. Deg.)	S <sub>b</sub> (2. Deg.)	S <sub>0,1</sub> (2. Deg.)		
160 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	3.5 %	40,7 N/mm	35,0 N	40,7 N/mm	35,0 N		
160 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	3.5 %	75,4 N/mm	64,8 N	75,4 N/mm	64,8 N		
160 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	3.5 %	129 N/mm	111 N	129 N/mm	111 N		
160 kN/mm <sup>2</sup>	1900 N/mm <sup>2</sup>	1500 N/mm <sup>2</sup>	3.5 %	206 N/mm	177 N	206 N/mm	177 N		

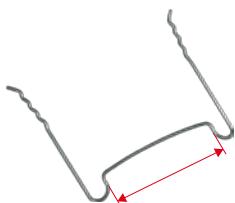
\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

## Removable appliance technique / Accessories

### Noninium® standard labial arches

Material: Nickel free\* stainless steel

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>



Ø	Length mesial-mesial	REF	Quantity
0.80 mm / 31	28 mm	621-028-00	10 pieces
0.80 mm / 31	31 mm	621-031-00	10 pieces
0.80 mm / 31	34 mm	621-034-00	10 pieces
0.80 mm / 31	37 mm	621-037-00	10 pieces
0.80 mm / 31	40 mm	621-040-00	10 pieces
0.80 mm / 31	43 mm	621-043-00	10 pieces
0.80 mm / 31	46 mm	621-046-00	10 pieces

CE

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

### Noninium® adams clasps assortment

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

**1 assortment = 250 pieces**



Material: Nickel free\* stainless steel

Ø 0.70 mm / 28

REF 621-500-00

1 assortment

CE

Contents:

30 x Adams clasps, 7 mm	REF 621-404-00
30 x Adams clasps, 8 mm	REF 621-405-00
30 x Adams clasps, 9 mm	REF 621-406-00
30 x Adams clasps, 10 mm	REF 621-407-00
30 x Adams clasps, 11 mm	REF 621-408-00
30 x Adams clasps, 12 mm	REF 621-409-00
1 x Ruler	REF 766-000-00

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

### Noninium® adams clasps

Material: Nickel free\* stainless steel

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>



Ø	Length mesial-distal	REF	Quantity
0.70 mm / 28	7 mm	621-404-00	10 pieces
0.70 mm / 28	8 mm	621-405-00	10 pieces
0.70 mm / 28	9 mm	621-406-00	10 pieces
0.70 mm / 28	10 mm	621-407-00	10 pieces
0.70 mm / 28	11 mm	621-408-00	10 pieces
0.70 mm / 28	12 mm	621-409-00	10 pieces

CE

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

### Noninium® triangular clasps

Material: Nickel free\* stainless steel

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>



Ø	Length	REF	Quantity
0.70 mm / 28	each 36 mm	621-300-00	100 pieces

CE

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing

### Noninium® arrow clasps

Material: Nickel free\* stainless steel

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Ø	Length	REF	Quantity
0.70 mm / 28	each 41 mm	621-200-00	100 pieces

CE

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing



### Noninium® ball retainer clasps

Material: Nickel free\* stainless steel

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	REF	Quantity
0.70 mm / 28	each 38 mm	620-207-01	100 pieces
0.80 mm / 32	each 38 mm	620-208-01	100 pieces
0.90 mm / 36	each 38 mm	620-209-01	100 pieces

CE

\* Nickel trace elements of ≤ 0.2% are due to the process of manufacturing



### remanium® ball retainer clasps

Ball Ø 1.6 mm

Material: Stainless steel

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	REF	Quantity
0.70 mm / 28	each 38 mm	620-107-00	100 pieces
0.80 mm / 31	each 38 mm	620-108-00	100 pieces
0.90 mm / 35	each 38 mm	620-109-00	100 pieces
1.00 mm / 39	each 38 mm	620-110-00	100 pieces

CE



### remanium® arrow anchor

Material: Stainless steel

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Length	REF	Quantity
0.80 mm / 31	each 40 mm	620-708-00	10 pieces

CE



### Guide pins

acc. to G. Müller®

Guide pins between upper and lower plates intended for bite correction of Angle Class II + Class III.

Material: Stainless steel

REF 607-204-00	2 pieces
REF 607-204-30	20 pieces

CE



## Removable appliance technique / Accessories



### Guide pins

acc. to Hinz

Material: Stainless steel

Ø	REF	Quantity
1.50 mm / 59	<b>607-202-00</b>	1 piece
1.50 mm / 59	<b>607-202-30</b>	10 pieces

€



### Lingual bars

Anatomically shaped e.g. for occlusion plates.

Material: Stainless steel

Length	REF	Quantity
6 cm	<b>311-306-30</b>	10 pieces
7 cm	<b>311-307-30</b>	10 pieces
8 cm	<b>311-308-30</b>	10 pieces

€



### Strengtheners on coils

Twisted and rolled flat.

Material: Stainless steel

Length	Ø	REF	Quantity
10 m	1.8 x 0.8 mm	<b>312-106-00</b>	1 piece
10 m	2.4 x 0.8 mm	<b>312-107-00</b>	1 piece

€



### Stainless steel tubes

round

Material: Stainless steel

Inner Ø	Length	REF	Quantity
0.50 mm / 20	30 cm	<b>480-001-00</b>	1 piece
0.60 mm / 23	30 cm	<b>480-003-00</b>	1 piece
0.70 mm / 28	30 cm	<b>480-005-00</b>	1 piece
0.80 mm / 31	30 cm	<b>480-007-00</b>	1 piece
0.90 mm / 36	30 cm	<b>480-009-00</b>	1 piece
1.00 mm / 39	30 cm	<b>480-011-00</b>	1 piece
1.10 mm / 43	30 cm	<b>480-013-00</b>	1 piece
1.20 mm / 47	30 cm	<b>480-015-00</b>	1 piece
1.30 mm / 51	30 cm	<b>480-017-00</b>	1 piece

€ 0483

### Plastic sleeving

For covering wires.

Material: Polyurethane

Ø	Length	REF	Quantity
0.90 mm / 36	5 m	632-102-01	1 piece
1.10 mm / 43	5 m	632-101-01	1 piece
1.90 mm / 75	15 cm	632-103-00	6 pieces



CE 0483

### Brass wire

For measuring on models. Not approved for use in the mouth.

Material: Brass

Ø	Length	REF	Quantity
0.50 mm / 20	30 m	572-050-00	1 piece
0.60 mm / 23	20 m	572-060-00	1 piece



### remanium® Goshgarian palatal bars assortment

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

#### Reverse Loop - mesial

The inverted loop is better for suppressing the gag reflex.

Enables controllable movements of maxillary molars.

**1 assortment = 30 pieces**

Material: Stainless steel

Ø 0.90 mm / 36

REF 728-020-00	1 assortment
CE 0483	Contents:
5 x Palatal bars, 37 mm	REF 728-021-00
5 x Palatal bars, 40 mm	REF 728-022-00
5 x Palatal bars, 43 mm	REF 728-023-00
5 x Palatal bars, 46 mm	REF 728-024-00
5 x Palatal bars, 49 mm	REF 728-025-00
5 x Palatal bars, 52 mm	REF 728-026-00



### remanium® Goshgarian palatal bars

#### Reverse Loop - mesial

The inverted loop is better for suppressing the gag reflex.

Enables controllable movements of maxillary molars.

Material: Stainless steel

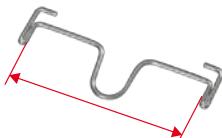
Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Size	REF	Quantity
0.90 mm / 36	1 = 37 mm	728-021-00	10 pieces
0.90 mm / 36	2 = 40 mm	728-022-00	10 pieces
0.90 mm / 36	3 = 43 mm	728-023-00	10 pieces
0.90 mm / 36	4 = 46 mm	728-024-00	10 pieces
0.90 mm / 36	5 = 49 mm	728-025-00	10 pieces
0.90 mm / 36	6 = 52 mm	728-026-00	10 pieces



CE 0483

## Removable appliance technique / Accessories



### remanium® Goshgarian palatal bars

#### Standard Loop - distal

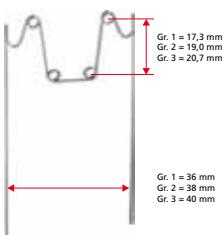
Enables controlled movement of upper molars.

Material: Stainless steel

Strength category: hard · 1400 – 1600 N/mm<sup>2</sup>

Ø	Size	REF	Quantity
0.90 mm / 36	1 = 34 mm	<b>728-005-00</b>	10 pieces
0.90 mm / 36	2 = 37 mm	<b>728-006-00</b>	10 pieces
0.90 mm / 36	3 = 41 mm	<b>728-007-00</b>	10 pieces
0.90 mm / 36	4 = 45 mm	<b>728-008-00</b>	10 pieces
0.90 mm / 36	5 = 47 mm	<b>728-013-00</b>	10 pieces
0.90 mm / 36	6 = 49 mm	<b>728-014-00</b>	10 pieces
0.90 mm / 36	7 = 52 mm	<b>728-015-00</b>	10 pieces

CE 0483



### remanium® Quad Helix

Removable; for insertion into palatal sheaths on the upper molars.

#### Application: for expansion of posterior segments

Material: Stainless steel

Strength category: spring hard · 1800 – 2000 N/mm<sup>2</sup>

Ø	Length	Size	REF	Quantity
0.90 mm / 36	17.3 mm	1 = 36 mm	<b>728-100-01</b>	10 pieces
0.90 mm / 36	19.0 mm	2 = 38 mm	<b>728-101-01</b>	10 pieces
0.90 mm / 36	20.7 mm	3 = 40 mm	<b>728-102-01</b>	10 pieces

CE 0483

## Palatal and lingual arch systems

### Orthorama® palatal arches assortment

1 assortment = 10 pieces

Material: CoCr

REF 728-205-00	1 assortment
CE 0483	Contents:
2 x Orthorama® palatal arches, 40 mm	REF 728-200-00
2 x Orthorama® palatal arches, 45 mm	REF 728-201-00
2 x Orthorama® palatal arches, 50 mm	REF 728-202-00
2 x Orthorama® palatal arches, 55 mm	REF 728-203-00
2 x Orthorama® palatal arches, 60 mm	REF 728-204-00
1 x Ruler	REF 766-000-00

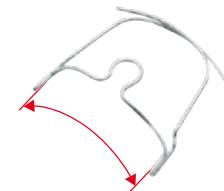


### Orthorama® palatal arches

Material: CoCr

Ø	Size	REF	Quantity
0.90 mm / 36	1 = 40 mm	728-200-00	10 pieces
0.90 mm / 36	2 = 45 mm	728-201-00	10 pieces
0.90 mm / 36	3 = 50 mm	728-202-00	10 pieces
0.90 mm / 36	4 = 55 mm	728-203-00	10 pieces
0.90 mm / 36	5 = 60 mm	728-204-00	10 pieces

CE 0483



### Orthorama® lingual arches assortment

1 assortment = 18 pieces

Material: CoCr

REF 728-215-00	1 assortment
CE 0483	Contents:
2 x Orthorama® lingual arches, 48 mm	REF 728-206-00
2 x Orthorama® lingual arches, 51 mm	REF 728-207-00
2 x Orthorama® lingual arches, 54 mm	REF 728-208-00
2 x Orthorama® lingual arches, 57 mm	REF 728-209-00
2 x Orthorama® lingual arches, 60 mm	REF 728-210-00
2 x Orthorama® lingual arches, 63 mm	REF 728-211-00
2 x Orthorama® lingual arches, 66 mm	REF 728-212-00
2 x Orthorama® lingual arches, 69 mm	REF 728-213-00
2 x Orthorama® lingual arches, 72 mm	REF 728-214-00
1 x Ruler	REF 766-000-00

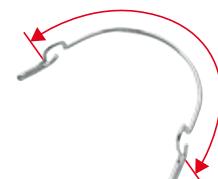


### Orthorama® lingual arches

Material: CoCr

Ø	Size	REF	Quantity
0.90 mm / 36	1 = 48 mm	728-206-00	10 pieces
0.90 mm / 36	2 = 51 mm	728-207-00	10 pieces
0.90 mm / 36	3 = 54 mm	728-208-00	10 pieces
0.90 mm / 36	4 = 57 mm	728-209-00	10 pieces
0.90 mm / 36	5 = 60 mm	728-210-00	10 pieces
0.90 mm / 36	6 = 63 mm	728-211-00	10 pieces
0.90 mm / 36	7 = 66 mm	728-212-00	10 pieces
0.90 mm / 36	8 = 69 mm	728-213-00	10 pieces
0.90 mm / 36	9 = 72 mm	728-214-00	10 pieces

CE 0483



## Palatal and lingual arch systems



### Orthorama® Multi-Action lingual arches assortment

**1 assortment = 8 pieces**

Material: CoCr

**REF 728-222-00** 1 assortment

**CE 0483**

**Contents:**

2 x Orthorama® Multi-Action lingual arches, 53 mm	REF 728-218-00
2 x Orthorama® Multi-Action lingual arches, 57 mm	REF 728-219-00
2 x Orthorama® Multi-Action lingual arches, 61 mm	REF 728-220-00
2 x Orthorama® Multi-Action lingual arches, 65 mm	REF 728-221-00
1 x Ruler	REF 766-000-00



### Orthorama® Multi-Action lingual arches

Material: CoCr

Ø	Size	REF	Quantity
0.90 mm / 36	1 = 53 mm	<b>728-218-00</b>	10 pieces
0.90 mm / 36	2 = 57 mm	<b>728-219-00</b>	10 pieces
0.90 mm / 36	3 = 61 mm	<b>728-220-00</b>	10 pieces
0.90 mm / 36	4 = 65 mm	<b>728-221-00</b>	10 pieces

**CE 0483**



### Orthorama® sectional arches

Material: CoCr

Version	REF	Quantity
with Omega loop	<b>728-216-00</b>	10 pieces
without Omega loop	<b>728-217-00</b>	10 pieces

**CE 0483**



### Orthorama® transfer system

The indirect transfer system permits the precise fitting of an Orthorama® palatal or lingual arch onto a plaster model, as well as the identical transfer of the palatal or lingual sheath's position in the mouth onto the model.

Material: Stainless steel

**REF 728-400-00** 10 pairs

**CE 0483**

**Contents:**

10 x Transfer jigs	REF 728-401-00
10 x Retention bands	REF 728-402-00



### Orthorama® transfer jigs

Material: Stainless steel

**REF 728-401-00** 10 pieces

**CE 0483**



### Orthorama® retention bands

Material: Stainless steel

**REF 728-402-00** 10 pieces

**CE 0483**