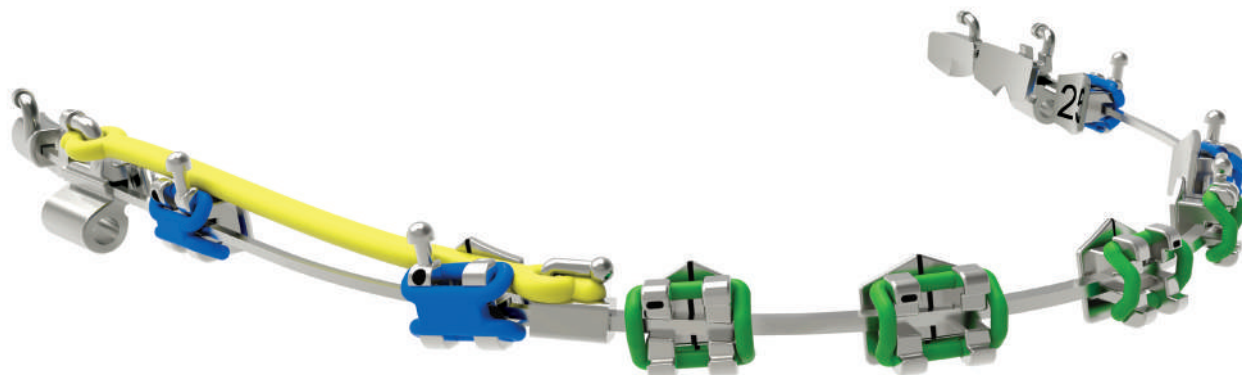


# WIRES AND WIRE FORMS



C



*In our Centre for Biotechnological Research "Marco Pozzi", the Shimadzu micro hardness tester and the Instron testing machine are used for the verification of the mechanical properties of the wires.*

Leone orthodontic wires are available in a range of alloys and different grades of elasticity and hardness to meet any therapeutic requirements. The mechanical properties of the wires are constantly checked to ensure consistent quality.

All Leone wires are supplied in a practical packaging either in rolls or in straight wire sections.

The range includes laboratory wires made of stainless steel, chromium cobalt alloy, which can be heat-treated, and **BIOSTEEL**® nickel-free content.

The numerous forms of archwires available are manufactured from various alloys:

- stainless steel with different mechanical properties to meet all orthodontic requirements;
- nickel titanium alloy, available as **MEMORIA**®, **THERMOMEMORIA**® and **MEMORIA**® **NATURA**®, releasing gentle but constant forces, it can be formed into a large variety of shapes;
- nickel-free titanium molybdenum alloy, available as Beta **MEMORIA**®, featuring exceptional pliability and elasticity as well as low friction.

The Leone packages for wires feature a special accurate design. Clasp and Crozat wires are packaged in anti-rolling coiled spools while straight wires are packaged in triangular shaped tubes to prevent rolling out from the table. All Leone archwires are packaged in little envelopes that clearly show the part number, the dimensions, the product features and the lot number.

## CLASP WIRE

### LEOWIRE® ROUND SPRING HARD WIRE

Chromium stainless steel alloy.  
Diamond drawn to obtain highly resistant and stainless levelled surfaces. Suitable for all orthodontic applications.

### BIOSTEEL® ROUND SPRING HARD WIRE NICKEL-FREE\*

Stainless steel alloy purposely made to prevent any nickel allergic reactions (Cr 16,5%, Mn 11%, Mo 2,7%, N 0,5%, balance Fe).  
Suitable for all orthodontic applications.

*\*Nickel trace elements of  $\leq 0,05\%$  are due to the process of manufacturing*



standard spool

∅		LEOWIRE® spring hard	BIOSTEEL® spring hard	
mm	inch	1800/2000 N/mm <sup>2</sup>	1800/2000 N/mm <sup>2</sup>	m
0,5	.020	<b>C0400-05</b>		50
0,6	.024	<b>C0400-06</b>	<b>C0401-06</b>	40
0,7	.028	<b>C0400-07</b>	<b>C0401-07</b>	25
0,8	.032	<b>C0400-08</b>	<b>C0401-08</b>	20
0,9	.036	<b>C0400-09</b>	<b>C0401-09</b>	10
1,0	.040	<b>C0400-10</b>	<b>C0401-10</b>	10
1,1	.044	<b>C0400-11</b>		10
1,2	.048	<b>C0400-12</b>		10
1,3	.052	<b>C0400-13</b>		10
1,4	.055	<b>C0400-14</b>		8

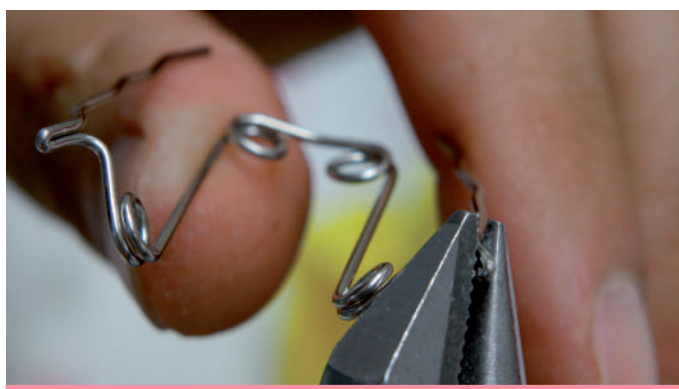
laboratory roll

LEOWIRE® spring hard		BIOSTEEL® spring hard		
1800/2000 N/mm <sup>2</sup>		1800/2000 N/mm <sup>2</sup>	m	g
<b>C0450-05</b>			306	
<b>C0450-06</b>	<b>C0451-06</b>		225	
<b>C0450-07</b>	<b>C0451-07</b>		165	
<b>C0450-08</b>	<b>C0451-08</b>		125	
<b>C0450-09</b>	<b>C0451-09</b>		100	500
<b>C0450-10</b>	<b>C0451-10</b>		80	
<b>C0450-11</b>			70	
<b>C0450-12</b>			53	
<b>C0450-13</b>			45	
<b>C0450-14</b>			39	



## CHROMIUM-COBALT WIRE

Heat-treatable chromium cobalt alloy, stainless and tough. Its tensile strength allows clasps, even difficult ones to be easily shaped, without breakage. It is self tempering during soldering or heating at 450° C. Necessary for any Crozat wire technique.



∅		hard heat-treatable		pkg.
mm	inch	1350/1500 N/mm <sup>2</sup>	m	g
0,6	.024	<b>C0410-06</b>	30	70
0,7	.028	<b>C0410-07</b>	22	
0,8	.032	<b>C0410-08</b>	17	
0,9	.036	<b>C0410-09</b>	13	
1,0	.040	<b>C0410-10</b>	11	
1,1	.044	<b>C0410-11</b>	9	
1,2	.048	<b>C0410-12</b>	8	
1,3	.052	<b>C0410-13</b>	6	





## STRAIGHT ROUND WIRE

An alloy properly designed for forming arches and springs in fixed orthodontic appliances. It is diamond drawn to obtain resistant surfaces.

Available in three tempers: hard, spring hard and extra spring hard to be adapted to any therapeutic application.

∅	hard	spring hard	extra spring hard	pkg.
inch	1400/1600 N/mm <sup>2</sup>	1800/2000 N/mm <sup>2</sup>	2200/2400 N/mm <sup>2</sup>	
.014	<b>C8080-14</b>	<b>C8180-14</b>	<b>C8380-14</b>	20 wires
.016	<b>C8080-16</b>	<b>C8180-16</b>	<b>C8380-16</b>	
.018	<b>C8080-18</b>	<b>C8180-18</b>	<b>C8380-18</b>	
.020	<b>C8080-20</b>	<b>C8180-20</b>	<b>C8380-20</b>	
.032	<b>C8080-32</b>			
.036	<b>C8080-36</b>			
.040	<b>C8080-40</b>			
.045	<b>C8080-45</b>			
.051	<b>C8080-51</b>			



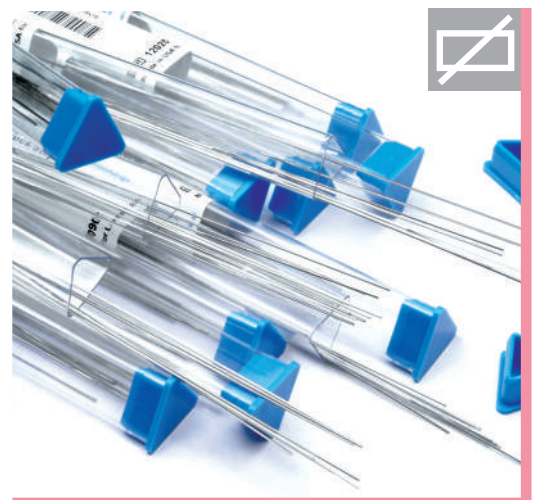
## STRAIGHT RECTANGULAR WIRE

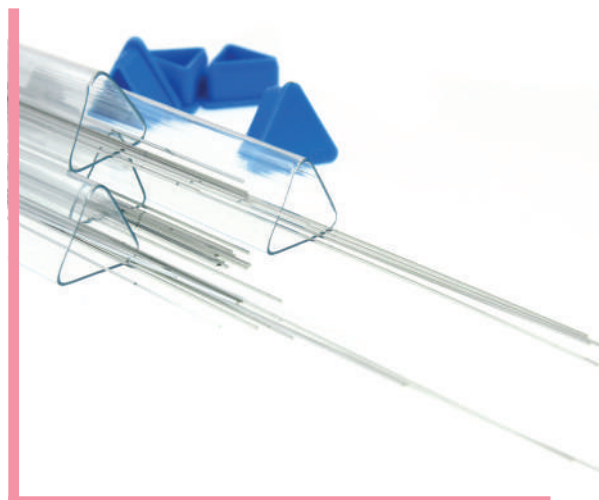
An alloy properly designed for orthodontic applications.

Diamond drawn to obtain perfectly square angles and levelled surfaces.

Available in two tempers: spring hard and extra spring hard, it is tested and quality controlled in the laboratory.

∅	spring hard	extra spring hard	pkg.
inch	1800/2000 N/mm <sup>2</sup>	2200/2400 N/mm <sup>2</sup>	
.016x.016	<b>C8016-16</b>	<b>C8116-16</b>	10 wires
.016x.022	<b>C8022-16</b>	<b>C8122-16</b>	
.017x.017	<b>C8017-17</b>	<b>C8117-17</b>	
.017x.022	<b>C8022-17</b>	<b>C8122-17</b>	
.017x.025	<b>C8025-17</b>	<b>C8125-17</b>	
.018x.022	<b>C8022-18</b>		
.018x.025	<b>C8025-18</b>	<b>C8125-18</b>	
.019x.025	<b>C8025-19</b>	<b>C8125-19</b>	
.020x.025	<b>C8025-20</b>		
.021x.025	<b>C8025-21</b>	<b>C8125-21</b>	
.0215x.028	<b>C8028-21</b>	<b>C8128-21</b>	





## LEOLOY® SQUARE AND RECTANGULAR HEAT-TREATABLE WIRE

Chromium-cobalt base alloy, heat-treatable. Highly stainless and resistant to breakage. Available in two tempers.

**Pack of 10 wires**

soft heat-treatable 1400/1600 N/mm <sup>2</sup>	inch	spring heat-treatable 1700/1900 N/mm <sup>2</sup>
<b>C8216-16</b>	.016x.016	<b>C8416-16</b>
<b>C8222-16</b>	.016x.022	<b>C8422-16</b>
<b>C8225-17</b>	.017x.025	<b>C8425-17</b>

### BLUE LEOLOY® - soft heat-treatable

It is initially the softest of the two tempers. It is intended for construction of archwires which require considerable bending. After heat-treating (480° C), it will become so hard as stainless steel wires. Recommended for Ricketts technique.

### YELLOW LEOLOY® - spring heat-treatable

With slight springer qualities than blue. It is intended for construction of archwires which require considerable bending. It can be used as furnished or can be heat treated (480° C) if greater springback is required.



## "AUSTRALIAN" WIRE SPOOLS

It is diamond drawn for perfect levelling of surfaces. The two tempers are laboratory tested and quality controlled. Spools, 8 m

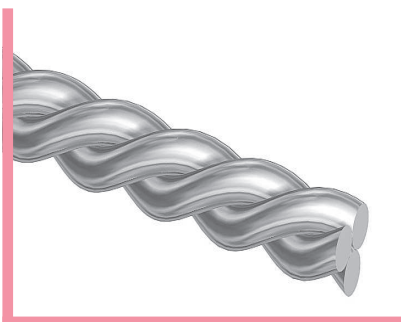
∅	extra spring hard 2200/2400 N/mm <sup>2</sup>	super hard heat-treated 2500/2700 N/mm <sup>2</sup>
.012	<b>C0420-12</b>	
.014	<b>C0420-14</b>	<b>C0430-14</b>
.016	<b>C0420-16</b>	<b>C0430-16</b>
.018	<b>C0420-18</b>	<b>C0430-18</b>
.020	<b>C0420-20</b>	<b>C0430-20</b>



## "AUSTRALIAN" ARCHWIRES SPECIAL PLUS

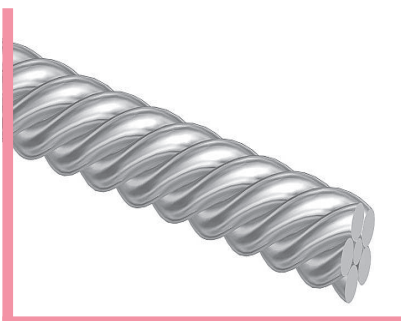
**Pack of 10**

medium upper	∅ inch	medium lower
<b>C2010-16</b>	.016	<b>C2050-16</b>
<b>C2010-20</b>	.020	<b>C2050-20</b>



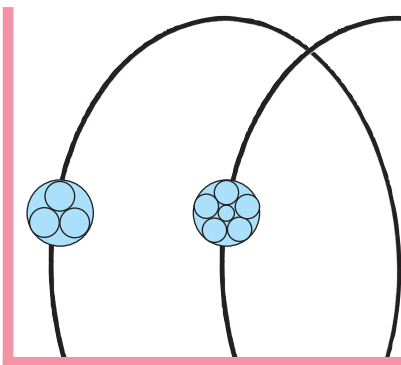
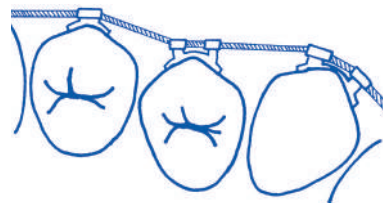
## STRAIGHT TWIST WIRE

∅		
inch		pkg.
.015	<b>C8580-15</b>	10 wires
.0175	<b>C8580-17</b>	
.0195	<b>C8580-19</b>	
.0215	<b>C8580-21</b>	



## STRAIGHT FLEX WIRE

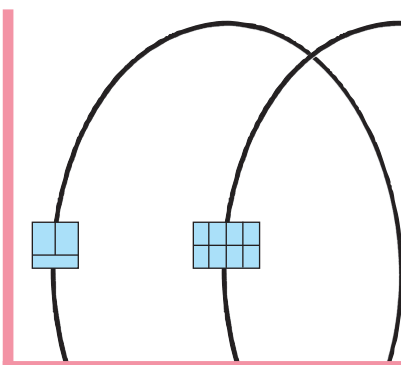
∅		
inch		pkg.
.015	<b>C8880-15</b>	10 wires
.0175	<b>C8880-17</b>	
.0195	<b>C8880-19</b>	



## ROUND PREFORMED TWIST AND FLEX ARCHWIRES

twist		
∅		
inch		pkg.
.0155	<b>C5540-15</b>	10
.0175	<b>C5540-17</b>	

flex		
∅		
inch		pkg.
.0155	<b>C5440-15</b>	10
.0175	<b>C5440-17</b>	



## RECTANGULAR PREFORMED TWIST ARCHWIRES

twist 3 wires		
inch		pkg.
.016x.016	<b>C5541-16</b>	10
.016x.022	<b>C5542-16</b>	

twist 8 wires		
inch		pkg.
.017x.025	<b>C5745-17</b>	10
.018x.025	<b>C5745-18</b>	

## ROUND AND RECTANGULAR STANDARD ARCHWIRES

Standard preformed. Made out of extra spring hard wire for higher resiliency. Marked at the midline, black for upper and red for lower.

Pack of 10



upper	∅	lower
	inch	
<b>C5110-12</b>	.012	<b>C5150-12</b>
<b>C5110-14</b>	.014	<b>C5150-14</b>
<b>C5110-16</b>	.016	<b>C5150-16</b>
<b>C5110-18</b>	.018	<b>C5150-18</b>
<b>C5110-20</b>	.020	<b>C5150-20</b>

upper	∅	lower
	inch	
<b>C5111-16</b>	.016x.016	<b>C5151-16</b>
<b>C5112-16</b>	.016x.022	<b>C5152-16</b>
<b>C5115-17</b>	.017x.025	<b>C5155-17</b>
<b>C5115-18</b>	.018x.025	<b>C5155-18</b>
<b>C5115-19</b>	.019x.025	<b>C5155-19</b>
<b>C5115-21</b>	.021x.025	<b>C5155-21</b>

## ROUND AND RECTANGULAR PREFORMED ARCHWIRES

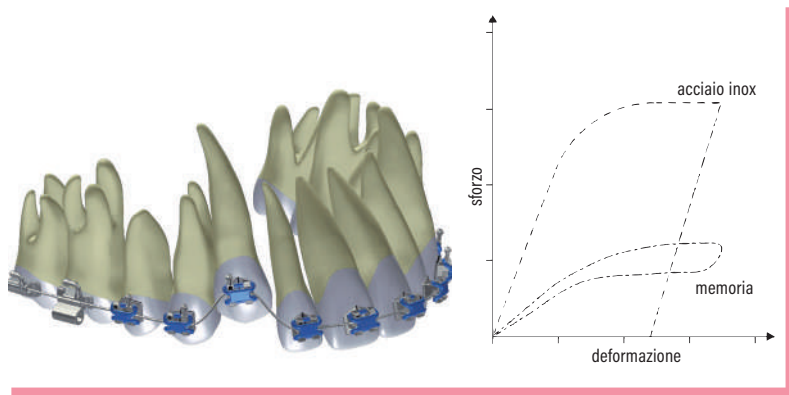
Extra spring hard wire, round or rectangular, diamond drawn for leveling of surfaces. Available in small, medium and large shape, both upper and lower, they represent the ideal answer to achieve your treatment goals.

Archwire selector C5950-00 is available to choose the right shape for your treatment.



∅	small		medium		large		pkg.
	upper	lower	upper	lower	upper	lower	
.014			<b>C3110-14</b>	<b>C3150-14</b>			10
.016	<b>C3010-16</b>	<b>C3050-16</b>	<b>C3110-16</b>	<b>C3150-16</b>	<b>C3210-16</b>	<b>C3250-16</b>	
.018	<b>C3010-18</b>	<b>C3050-18</b>	<b>C3110-18</b>	<b>C3150-18</b>	<b>C3210-18</b>	<b>C3250-18</b>	
.020			<b>C3110-20</b>	<b>C3150-20</b>			
∅			<b>C3111-16</b>	<b>C3151-16</b>			10
.016x.016			<b>C3112-16</b>	<b>C3152-16</b>	<b>C3212-16</b>	<b>C3252-16</b>	
.016x.022	<b>C3012-16</b>	<b>C3052-16</b>	<b>C3112-16</b>	<b>C3152-16</b>	<b>C3212-16</b>	<b>C3252-16</b>	
.017x.025			<b>C3112-17</b>	<b>C3152-17</b>			
.018x.025	<b>C3012-18</b>	<b>C3052-18</b>	<b>C3112-18</b>	<b>C3152-18</b>	<b>C3212-18</b>	<b>C3252-18</b>	
.019x.025	<b>C3012-19</b>	<b>C3052-19</b>	<b>C3112-19</b>	<b>C3152-19</b>	<b>C3212-19</b>	<b>C3252-19</b>	
.021x.025			<b>C3112-21</b>	<b>C3152-21</b>			





## MEMORIA® PREFORMED ARCHWIRES

In a superelastic nickel-titanium base alloy, these archwires provide gentle and continuous forces, reduce treatment time and improve patient comfort. The highly polished surface eliminates any bracket slot friction. Their non-deformability and superelasticity, which are expressed in the continuous force delivery over a wide deflection range, have been tested on thousands of treatments. Available in small, medium and large shape, both upper and lower, they represent the ideal answer to achieve your treatment goals.

## C5950-00

### PREFORMED ARCHWIRE SELECTOR

Lay the selector on the model and select the right arch shape.



∅	small		medium		large		pkg.
	upper	lower	upper	lower	upper	lower	
.012			<b>C5910-12</b>	<b>C5950-12</b>			10
.014	<b>C5913-14</b>	<b>C5953-14</b>	<b>C5910-14</b>	<b>C5950-14</b>	<b>C5916-14</b>	<b>C5956-14</b>	
.016	<b>C5913-16</b>	<b>C5953-16</b>	<b>C5910-16</b>	<b>C5950-16</b>	<b>C5916-16</b>	<b>C5956-16</b>	
.018	<b>C5913-18</b>	<b>C5953-18</b>	<b>C5910-18</b>	<b>C5950-18</b>	<b>C5916-18</b>	<b>C5956-18</b>	
.020			<b>C5910-20</b>	<b>C5950-20</b>			
.016x.016			<b>C5911-16</b>	<b>C5951-16</b>			10
.016x.022	<b>C5914-16</b>	<b>C5954-16</b>	<b>C5912-16</b>	<b>C5952-16</b>	<b>C5917-16</b>	<b>C5957-16</b>	
.017x.025	<b>C5914-17</b>	<b>C5954-17</b>	<b>C5912-17</b>	<b>C5955-17</b>	<b>C5917-17</b>	<b>C5957-17</b>	
.018x.018			<b>C5911-18</b>	<b>C5951-18</b>			
.018x.025	<b>C5914-18</b>	<b>C5954-18</b>	<b>C5915-18</b>	<b>C5955-18</b>	<b>C5917-18</b>	<b>C5957-18</b>	
.019x.025	<b>C5914-19</b>	<b>C5954-19</b>	<b>C5915-19</b>	<b>C5955-19</b>	<b>C5917-19</b>	<b>C5957-19</b>	
.021x.025			<b>C5915-21</b>	<b>C5955-21</b>			

∅	medium		pkg.
	upper	lower	
.012	<b>C5910-012</b>	<b>C5950-012</b>	25
.014	<b>C5910-014</b>	<b>C5950-014</b>	
.016	<b>C5910-016</b>	<b>C5950-016</b>	
.018	<b>C5910-018</b>	<b>C5950-018</b>	
.020	<b>C5910-020</b>	<b>C5950-020</b>	
.016x.016	<b>C5911-016</b>	<b>C5951-016</b>	25
.016x.022	<b>C5912-016</b>	<b>C5952-016</b>	
.017x.025	<b>C5912-017</b>	<b>C5955-017</b>	
.018x.018	<b>C5911-018</b>	<b>C5951-018</b>	
.018x.025	<b>C5915-018</b>	<b>C5955-018</b>	
.019x.025	<b>C5915-019</b>	<b>C5955-019</b>	
.021x.025	<b>C5915-021</b>	<b>C5955-021</b>	



## MEMORIA® PREFORMED ARCHWIRES "V" BEND

A V bend on midline avoids any unwanted displacement of the archwire by ensuring the therapeutical treatment previously foreseen with the selected archwire shape.



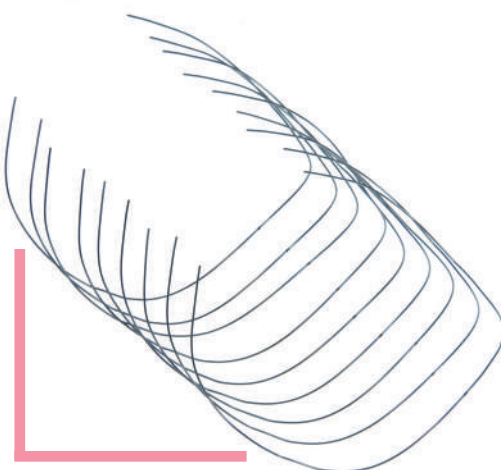
medium upper	∅	medium lower	
	inch		pkg.
<b>C5910V12</b>	.012	<b>C5950V12</b>	10
<b>C5910V14</b>	.014	<b>C5950V14</b>	
<b>C5910V16</b>	.016	<b>C5950V16</b>	
<b>C5910V18</b>	.018	<b>C5950V18</b>	

medium upper	∕	medium lower	
	inch		pkg.
<b>C5911V16</b>	.016x.016	<b>C5951V16</b>	10
<b>C5912V16</b>	.016x.022	<b>C5952V16</b>	
<b>C5912V17</b>	.017x.025	<b>C5955V17</b>	
<b>C5915V18</b>	.018x.025	<b>C5955V18</b>	

## MEMORIA® ARCHWIRES REVERSE CURVE OF SPEE

Superelastic nickel titanium archwires for levelling movements and closure of spaces. They are also indicated for the correction of bite closure alterations.

Pack of 10



upper	∅	lower
	inch	
<b>C6910-16</b>	.016	<b>C6950-16</b>
<b>C6910-18</b>	.018	<b>C6950-18</b>

upper	∕	lower
	inch	
<b>C6912-16</b>	.016x.022	<b>C6952-16</b>
<b>C6912-17</b>	.017x.025	<b>C6952-17</b>
<b>C6912-19</b>	.019x.025	<b>C6952-19</b>



# nickel titanium archwires

## MEMORIA® ANATOMICAL ARCHWIRES

Superelastic nickel titanium base alloy archwires which deliver biological forces over a wide deflection range.

**MEMORIA®** archwires are available in five arch forms developed after extensive research and represent the ideal answer to individual treatment problems.

Using the special arch selector, the best suited arch shape can be easily found.



∅	A	B	C	D	E	
inch						pkg.
.014	C6040-14	C6140-14	C6240-14	C6340-14	C6440-14	
.016	C6040-16	C6140-16	C6240-16	C6340-16	C6440-16	10
.018	C6040-18	C6140-18	C6240-18	C6340-18	C6440-18	
∅						
.016x.016	C6041-16	C6141-16	C6241-16	C6341-16	C6441-16	
.016x.022	C6042-16	C6142-16	C6242-16	C6342-16	C6442-16	10
.017x.025	C6042-17	C6142-17	C6242-17	C6342-17	C6442-17	
.019x.025	C6045-19	C6145-19	C6245-19	C6345-19	C6445-19	

## C6250-00

### MEMORIA® ANATOMICAL ARCHWIRE SELECTOR

Lay the selector on the model and select the right arch shape.



## THERMOMEMORIA® ARCHWIRES

An innovation in nickel titanium alloy archwires. According to room or body temperature, these archwires have a different behaviour. These archwires can be permanently bent with a plier at room temperature, but after insertion, at mouth temperature of about 37° C, they revert to their initial programmed shape, providing gentle and continuous forces to teeth. This particular feature makes their insertion into misaligned bracket slots easier and reduce patient's trauma while permitting the use of rectangular wires during early treatment and gaining good torque control of roots during tooth movements.

Pack of 10



upper	∅ inch	lower
C5930-16	.016	C5970-16
C5930-18	.018	C5970-18

upper	∕ inch	lower
C5931-16	.016x.016	C5971-16
C5932-16	.016x.022	C5972-16
C5935-18	.018x.025	C5975-18
C5935-19	.019x.025	C5975-19
C5935-21	.021x.025	C5975-21



## C6100-13 ARCHWIRE KIT STEP SYSTEM 2.0



**Pack content:** 13 archwires, 7 upper and 6 lower, necessary for the execution of one-case treatment for **STEP 2.0** technique. Each archwire is single packaged. The packages are identified with a reference number and a tooth sketch which respectively indicate the standard application sequence and the arch wire function.

<p><b>.014"</b> ARCO MEMORIA SUPERIORE MEMORIA UPPER ARCH</p> <p><b>SUP 1</b> ALLINEAMENTO E LIVELLAMENTO LEVELING AND ALIGNING</p>	<p><b>.016"</b> ARCO MEMORIA SUPERIORE MEMORIA UPPER ARCH</p> <p><b>SUP 2</b> ALLINEAMENTO E LIVELLAMENTO LEVELING AND ALIGNING</p>	<p><b>.016"</b> ARCO AUSTRALIANO SUPERIORE AUSTRALIAN UPPER ARCH</p> <p><b>SUP 3</b> CONTROLLO ANGOLOZIONE TIP CONTROL</p>
<p><b>.020"</b> ARCO AUSTRALIANO SUPERIORE AUSTRALIAN UPPER ARCH</p> <p><b>SUP 4</b> CONTROLLO ANGOLOZIONE TIP CONTROL</p>	<p><b>.021" x .027"</b> ARCO BIDIMENSIONALE CIG BETA MEMORIA/ACCIAIO BETA MEMORIA/S.S. BIDIMENSIONAL ARCH W/N</p> <p><b>.016" x .016"</b></p> <p><b>SUP 5</b> CHIUSURA DEGLI SPAZI SPACE CLOSURE</p>	<p><b>.021" x .027"</b> ARCO BETA MEMORIA BETA MEMORIA ARCH</p> <p><b>SUP 6</b> FINITURA FINISHING</p>
<p><b>.014"</b> ARCO MEMORIA INFERIORE MEMORIA LOWER ARCH</p> <p><b>INF 1</b> ALLINEAMENTO E LIVELLAMENTO LEVELING AND ALIGNING</p>	<p><b>.016"</b> ARCO MEMORIA INFERIORE MEMORIA LOWER ARCH</p> <p><b>INF 2</b> ALLINEAMENTO E LIVELLAMENTO LEVELING AND ALIGNING</p>	<p><b>.016"</b> ARCO AUSTRALIANO INFERIORE AUSTRALIAN LOWER ARCH</p> <p><b>INF 3</b> CONTROLLO ANGOLOZIONE TIP CONTROL</p>
<p><b>.020"</b> ARCO AUSTRALIANO INFERIORE AUSTRALIAN LOWER ARCH</p> <p><b>INF 4</b> CONTROLLO ANGOLOZIONE TIP CONTROL</p>	<p><b>.021" x .025"</b> ARCO MEMORIA NICKEL TITANIO MEDIO NICKEL TITANIUM MEMORIA ARCH - MEDIUM</p> <p><b>INF 5</b> CONTROLLO TORQUE TORQUE CONTROL</p>	<p><b>.021" x .027"</b> ARCO BETA MEMORIA BETA MEMORIA ARCH</p> <p><b>INF 6</b> FINITURA FINISHING</p>



## BETA MEMORIA® WIRES AND ARCHWIRES

In a titanium molybdenum alloy, they feature high elasticity and good bendability with pliers. Highly finished to minimize friction between wire and slot. Nickel free. They are suitable for patients with allergic reactions.

## LINGUAL ARCHWIRES FOR IDEA-L BRACKETS

Sections .012" and .014" are made of a special Nickel Titanium alloy allowing light adaptations necessary in case of treatment extension to first bicuspids, thus keeping high elasticity. Section .016" Beta **MEMORIA**® is ideal to optimize the alignment and levelling values obtained.

Pack of 2

### BETA MEMORIA® ARCHWIRES

	upper	∅ inch	lower	pkg.
medium	<b>C7110-16</b>	.016	<b>C7150-16</b>	10
	<b>C7110-18</b>	.018	<b>C7150-18</b>	

	upper	∅ inch	lower	pkg.
small	<b>C7012-21</b>	.021x.027	<b>C7015-21</b>	10
medium	<b>C7112-16</b>	.016x.022	<b>C7115-16</b>	
	<b>C7112-17</b>	.017x.025	<b>C7115-17</b>	
	<b>C7112-19</b>	.019x.025	<b>C7115-19</b>	
	<b>C7112-21</b>	.021x.027	<b>C7115-21</b>	

### BETA MEMORIA® STRAIGHT ROUND WIRE

∅ inch		pkg.
.016	<b>C7900-16</b>	10 wires 35 cm long
.032	<b>C7900-32</b>	
.036	<b>C7900-36</b>	
∅ inch		
.016x.022	<b>C7922-16</b>	
.017x.025	<b>C7925-17</b>	

### MEMORIA® LINGUAL ARCHWIRES

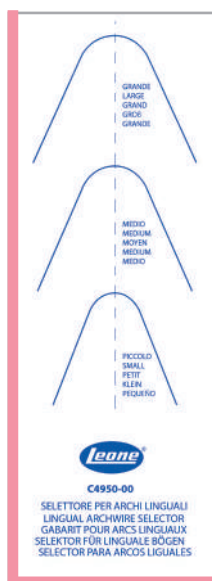
∅ inch	small	medium	large
.012	<b>C4950-12</b>	<b>C4951-12</b>	<b>C4952-12</b>
.014	<b>C4950-14</b>	<b>C4951-14</b>	<b>C4952-14</b>

### BETA MEMORIA® LINGUAL ARCHWIRES

.016	<b>C4970-16</b>	<b>C4971-16</b>	<b>C4972-16</b>
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### C4950-00 LINGUAL ARCHWIRE SELECTOR

Lay the selector on the model and choose the correct arch shape.







## MEMORIA® NATURA® PREFORMED ARCHWIRES

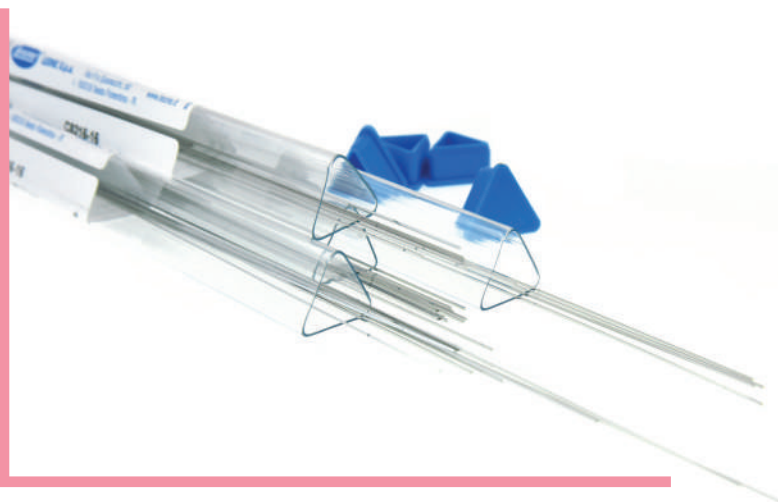
They combine high elasticity and resistance to deformation of superelastic nickel titanium archwires with the best aesthetics. The tooth coloured coating is very stiff and resistant to oral liquid absorption, therefore a reduced friction is obtained when used with metal and cosmetic brackets.

Available round or rectangular.  
**Pack of 10**



	upper	∅	lower
		inch	
	<b>C5918-14</b>	.014	<b>C5958-14</b>
	<b>C5918-16</b>	.016	<b>C5958-16</b>
	<b>C5918-18</b>	.018	<b>C5958-18</b>
	<b>C5918-20</b>	.020	<b>C5958-20</b>

	upper	∠	lower
		inch	
	<b>C5982-16</b>	.016x.022	<b>C5992-16</b>
	<b>C5985-18</b>	.018x.025	<b>C5995-18</b>
	<b>C5985-19</b>	.019x.025	<b>C5995-19</b>
	<b>C5985-21</b>	.021x.025	<b>C5995-21</b>



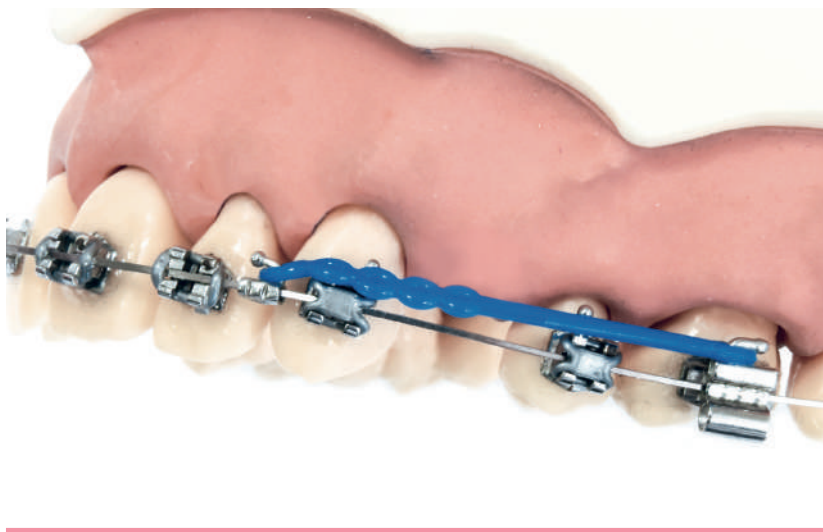
## C8922-16

### MEMORIA®

#### RECTANGULAR STRAIGHT WIRE

Nickel titanium base alloy wire which maintains high elasticity and allows sectionals and springs to be easily shaped. Available in .016"x.022".

**Pack of 10 wires, 18 cm long**



## BI-DIMENSIONAL ARCHWIRES BETA MEMORIA®/STAINLESS STEEL WITH HOOK

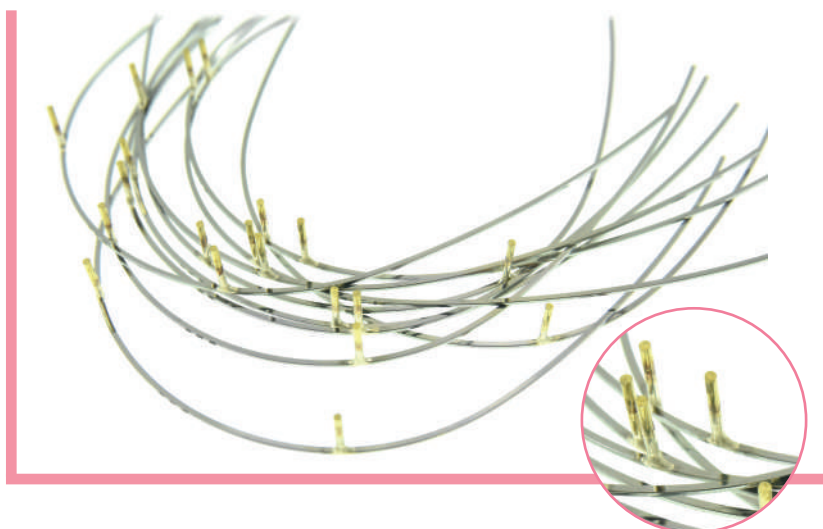
Specialty arch wires that combine different materials and geometries with the aim of torque control in the front portion during the space closure.

The arches have hooks that once positioned between the lateral and the cuspid, are intended for the application of pull tractions and are used as connector between the parts of the arch wire.

The front portion is made of Beta **MEMORIA**® alloy and is available in .019" x .025" or .021" x .027" for the torque control. The rear portion is made of stainless steel, available in .016" x .016" to promote the sliding of the arch wire into the slot

**Pack of 2**

upper	distance between the hooks		lower	distance between the hooks	
	mm	inch		mm	mm
<b>C7110-34</b>	34	.019x.025 / .016x.016	<b>C7150-24</b>	24	
<b>C7110-36</b>	36		<b>C7150-26</b>	26	
<b>C7111-34</b>	34	.021x.027 / .016x.016	<b>C7151-24</b>	24	
<b>C7111-36</b>	36		<b>C7151-26</b>	26	



## ARCHWIRES WITH HOOKS

Medium arch form.

Made of spring hard wire .019" x .025"

**Pack of 10**

upper		lower	
mm		mm	
34	<b>C3112-34</b>	24	<b>C3152-24</b>
36	<b>C3112-36</b>	26	<b>C3152-26</b>
38	<b>C3112-38</b>	28	<b>C3152-28</b>
40	<b>C3112-40</b>	30	<b>C3152-30</b>
42	<b>C3112-42</b>		

The size expressed in mm indicates the distance between the hooks.

# nickel titanium coil springs



## MEMORIA® COIL SPRINGS

In superelastic nickel titanium alloy, they have always been used in orthodontic treatments. These springs combine the characteristics of coil spring design with the non-deformable properties of superelastic **MEMORIA®** alloy. Available open for compressions and gain in space, closed with wound ends for use with hooks of tubes and brackets.

The type with a ligature wire allows spaces wider than 15 mm to be linked.



**MEMORIA®**  
CLOSED COIL SPRINGS  
WITH WOUND ENDS

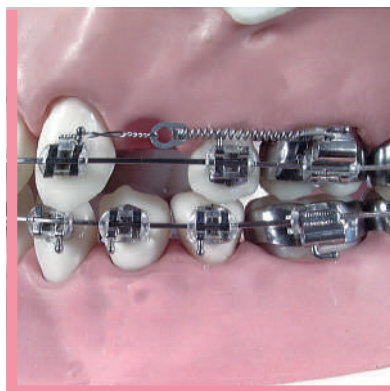
	g		pkg.
light	150	<b>C1230-00</b>	
medium	200	<b>C1230-01</b>	10
heavy	250	<b>C1230-02</b>	



**MEMORIA®**  
OPEN COIL SPRINGS

Pack of 2 springs, 18 cm long

	spring	wire	
super	.030	.009	<b>C1009-30</b>
light	.036	.009	<b>C1009-36</b>
light	.030	.010	<b>C1211-30</b>
medium	.030	.012	<b>C1212-30</b>
heavy	.036	.014	<b>C1214-36</b>
for extraoral	.045	.010	<b>C1210-45</b>
lip bumper	.055	.014	<b>C1214-55</b>



**MEMORIA®**  
CLOSED COIL SPRING WITH  
WOUND ENDS AND LIGATURE WIRE

	g		pkg.
light	150	<b>C1231-00</b>	
medium	200	<b>C1231-01</b>	10
heavy	250	<b>C1231-02</b>	



**C1230-95**  
**MEMORIA®** COIL SPRING KIT

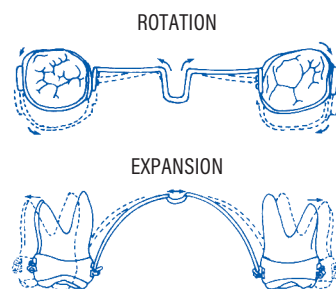
For crimping of surgical hooks use plier P1911-00.

### Pack content:

3 open coil springs, 15 closed coil springs with wound ends, 15 closed coil springs with wound ends and ligature wire, 10 stops, 10 **MIM®** surgical hooks.

## PALATAL BARS

Palatal bars allow controllable movements of rotation, expansion and contraction of upper first molars. Made of heat-treated wire, 0,9 mm in diameter, to increase their tensile strength, they are easy to remove from the tubes for activation.



### PALATAL BAR

mm		pkg.
34	<b>C0570-34</b>	5
36	<b>C0570-36</b>	
38	<b>C0570-38</b>	
40	<b>C0570-40</b>	
42	<b>C0570-42</b>	
44	<b>C0570-44</b>	
46	<b>C0570-46</b>	
48	<b>C0570-48</b>	
50	<b>C0570-50</b>	
52	<b>C0570-52</b>	

### **C0570-96** PALATAL BAR KIT

Assorted kit of 50

### REVERSE LOOP PALATAL BAR

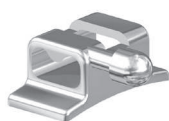
mm		pkg.
34	<b>C0576-34</b>	5
36	<b>C0576-36</b>	
38	<b>C0576-38</b>	
40	<b>C0576-40</b>	
42	<b>C0576-42</b>	
44	<b>C0576-44</b>	
46	<b>C0576-46</b>	
48	<b>C0576-48</b>	
50	<b>C0576-50</b>	
52	<b>C0576-52</b>	

### **C0576-96** REVERSE LOOP PALATAL BAR KIT

Assorted kit of 50

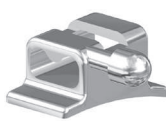
#### CAUTION:

the palatal bar should be securely ligated into the lingual sheaths with steel or elastic ligatures. Improper use may result in injury by aspiration or ingestion. Recommended for use with **MIM**® lingual tubes:



#### WITH BALL HOOK

**G2846-02** Right  
**G2846-03** Left



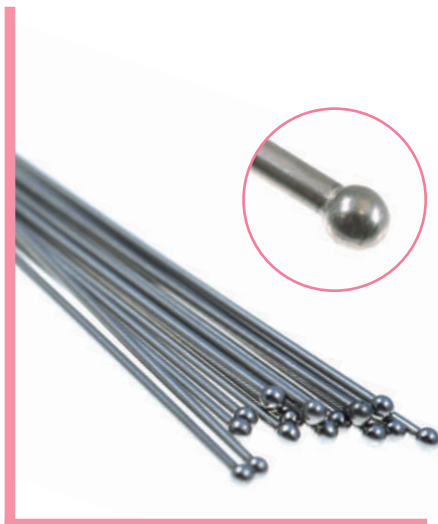
#### WITH BALL HOOK ROTATION -8°

**G2847-02** Right  
**G2847-03** Left



## BALL HOOKS

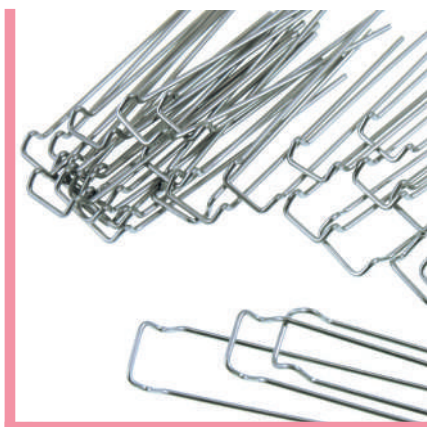
Stainless steel.  
Thanks to an innovative plasma technology, the hook head is perfectly spherical.



∅			
mm	inch		pkg.
0,7	.028	<a href="#">C1610-17</a>	
0,8	.032	<a href="#">C1610-18</a>	100
0,9	.036	<a href="#">C1610-19</a>	

## STANDARD ADAMS CLASPS

Spring hard stainless steel.



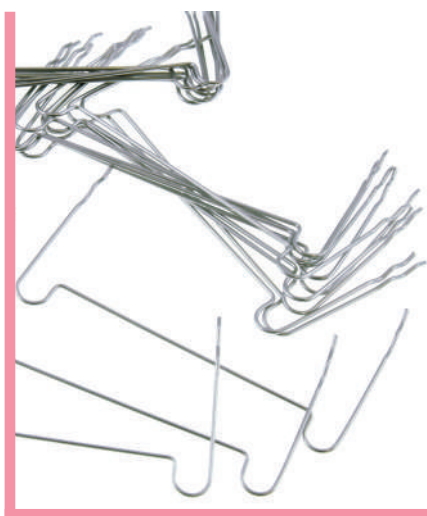
### [C0580-95](#) STANDARD ADAMS CLASP KIT

Assorted kit of 100

∅			
mm			pkg.
5,0		<a href="#">C0580-05</a>	
5,5		<a href="#">C0580-055</a>	
6,0		<a href="#">C0580-06</a>	
6,5		<a href="#">C0580-065</a>	
7,0	0,7 mm	<a href="#">C0580-07</a>	10
8,0		<a href="#">C0580-08</a>	
9,0		<a href="#">C0580-09</a>	
10,0		<a href="#">C0580-10</a>	
11,0		<a href="#">C0580-11</a>	
12,0		<a href="#">C0580-12</a>	

## STANDARD LABIAL ARCHES

Spring hard stainless steel.



### [C0585-95](#) STANDARD LABIAL ARCH KIT

Assorted kit of 100

∅			
mm			pkg.
25		<a href="#">C0585-25</a>	
28		<a href="#">C0585-28</a>	
31		<a href="#">C0585-31</a>	
34		<a href="#">C0585-34</a>	
37	0,8 mm	<a href="#">C0585-37</a>	10
40		<a href="#">C0585-40</a>	
43		<a href="#">C0585-43</a>	
46		<a href="#">C0585-46</a>	
48		<a href="#">C0585-48</a>	
50		<a href="#">C0585-50</a>	