

# TUBES and BRACKETS



Leone buccal tubes are produced in stainless steel with Metal Injection Moulding technology for absolute precision of the slot size and a special bevelled design for maximum patient's comfort.

Every **MIM**® tube and attachment may be pre welded to either **CALIBRA**® o **WEB**® bands with free prewelding service or solder-brazed on the D.B. anatomical mesh pad **MAXI F2800-00**, which is first molar anatomical contoured. Solder-brazing service is free of charge.

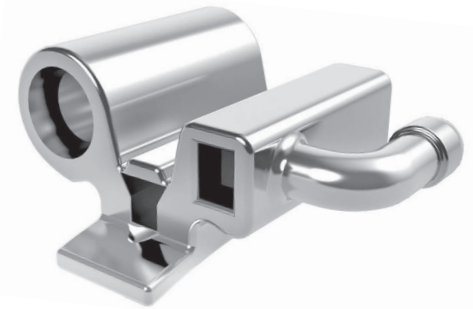
Leone brackets are manufactured from stainless steel with a mechanical micro machine working system to get the highest precision of slots. General tolerance is lower than 3/100. Under edges of tie wings are rounded.

All the Leone brackets may be welded on either **CALIBRA**® ou **WEB**® bands with a free prewelding service.



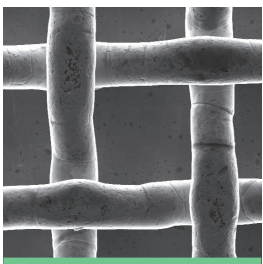
## Metal Injection Moulding technique

allowing the highest precision of slot



## rounded under edges of tie-wings

for higher patient comfort



## free prewelding and solder-brazing service

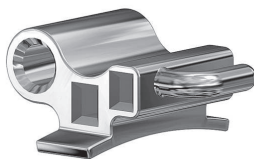






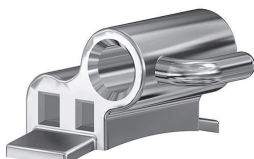






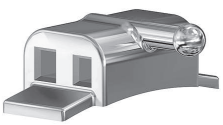


















## MIM<sup>®</sup> BUCCAL TUBES

Every MIM<sup>®</sup> tube may be pre welded to either **CALIBRA<sup>®</sup>** o **WEB<sup>®</sup>** bands with free prewelding service (page 69) or solder-brazed on the D.B. anatomical mesh pad **MAXI F2800-00**, which is first molar anatomical contoured (page 120). Solder-brazing service is free of charge. Also available in the direct bonding version upon request (page 117).

Packs of 10






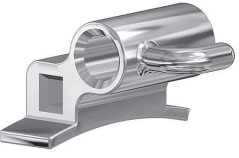






Packs of 100 on request


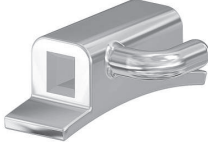












				torque	rect. tube rot.	round tube diam.	retc. tube slot	weldable tubes	
	$\frac{6}{6}$ $\frac{6}{6}$				0°	.045" occl.	.018"	R <b>G8084-22</b> L <b>G8084-23</b>	
							.022"	R <b>G8024-22</b> L <b>G8024-23</b>	
	$\frac{6}{6}$				0°	.051" occl.	.018"	R <b>G8085-12</b> L <b>G8085-13</b>	
							.022"	R <b>G8025-12</b> L <b>G8025-13</b>	
	$\frac{6}{6}$				-10°	+8°	.045" occl.	.018"	R <b>G8384-22</b> L <b>G8384-23</b>
								.022"	R <b>G8324-22</b> L <b>G8324-23</b>
	$\frac{6}{6}$				-10°	+8°	.051" occl.	.018"	R <b>G8385-12</b> L <b>G8385-13</b>
								.022"	R <b>G8325-12</b> L <b>G8325-13</b>
<b>auxiliary tube .018"x.025"</b>									
	$\frac{6}{6}$ $\frac{6}{6}$				0°	.045" ging.	.018"	R <b>G8084-12</b> L <b>G8084-13</b>	
								.022"	R <b>G8024-12</b> L <b>G8024-13</b>
	$\frac{6}{6}$				-10°	+8°	.045" ging.	.018"	R <b>G8384-12</b> L <b>G8384-13</b>
								.022"	R <b>G8324-12</b> L <b>G8324-13</b>
<b>auxiliary tube .018"x.025"</b>									
	$\frac{6}{6}$ $\frac{6}{6}$				0°		.018"	R <b>G8070-16</b> L <b>G8070-17</b>	
								.022"	R <b>G8010-16</b> L <b>G8010-17</b>
	$\frac{6}{6}$				-14°	+8°		.018"	R <b>G8070-02</b> L <b>G8070-03</b>
								.022"	R <b>G8010-02</b> L <b>G8010-03</b>
	$\frac{6}{6}$				-25°	+8°		.018"	R <b>G8070-06</b> L <b>G8070-07</b>
								.022"	R <b>G8010-06</b> L <b>G8010-07</b>
<b>auxiliary tube .018"x.025"</b>									

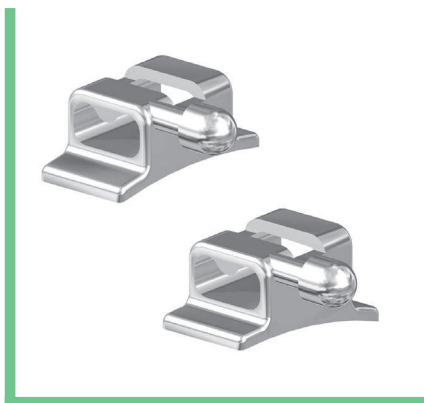
## MIM® BUCCAL TUBES

Packs of 10

Packs of 100 on request

			torque	rect. tube rot.	round tube diam.	rect. tube slot	weldable tubes
	6/6		0°		.045" occl.	.018"	R <a href="#">G8084-32</a> L <a href="#">G8084-33</a>
						.022"	R <a href="#">G8024-32</a> L <a href="#">G8024-33</a>
	6/6		0°		.051" occl.	.018"	R <a href="#">G8085-22</a> L <a href="#">G8085-23</a>
						.022"	R <a href="#">G8025-22</a> L <a href="#">G8025-23</a>
	6/6		-10°	+8°	.045" occl.	.018"	R <a href="#">G8384-32</a> L <a href="#">G8384-33</a>
						.022"	R <a href="#">G8324-32</a> L <a href="#">G8324-33</a>
	6/6		-10°	+8°	.051" occl.	.018"	R <a href="#">G8385-22</a> L <a href="#">G8385-23</a>
						.022"	R <a href="#">G8325-22</a> L <a href="#">G8325-23</a>
	6/6		0°		.045" ging.	.018"	R <a href="#">G8084-02</a> L <a href="#">G8084-03</a>
						.022"	R <a href="#">G8024-02</a> L <a href="#">G8024-03</a>
	6/6		0°		.051" ging.	.018"	R <a href="#">G8085-02</a> L <a href="#">G8085-03</a>
						.022"	R <a href="#">G8025-02</a> L <a href="#">G8025-03</a>
	6/6		-10°	+8°	.045" ging.	.018"	R <a href="#">G8384-02</a> L <a href="#">G8384-03</a>
						.022"	R <a href="#">G8324-02</a> L <a href="#">G8324-03</a>
	6/6		-10°	+8°	.051" ging.	.018"	R <a href="#">G8385-02</a> L <a href="#">G8385-03</a>
						.022"	R <a href="#">G8325-02</a> L <a href="#">G8325-03</a>
	6/6		-25°	+8°	.045" ging.	.018"	R <a href="#">G8384-06</a> L <a href="#">G8384-07</a>
						.022"	R <a href="#">G8324-06</a> L <a href="#">G8324-07</a>
	6/6		-25°	+8°	.051" ging.	.018"	R <a href="#">G8385-06</a> L <a href="#">G8385-07</a>
						.022"	R <a href="#">G8325-06</a> L <a href="#">G8325-07</a>

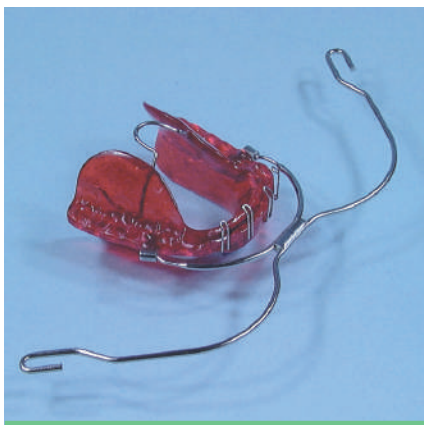
							
			torque	rect. tube rot.	diam. tube rond	rect. tube slot	weldable tubes
	7 6 6 7 7 6 6 7	  	0°			.018"	R <b>G8081-02</b> L <b>G8081-03</b>
						.022"	R <b>G8021-02</b> L <b>G8021-03</b>
	7 6 6 7	  	-10° +8°			.018"	R <b>G8381-02</b> L <b>G8381-03</b>
						.022"	R <b>G8321-02</b> L <b>G8321-03</b>
	7 6 6 7	  	-14° +8°			.022"	R <b>G8321-12</b> L <b>G8321-13</b>
							R <b>G8321-16</b> L <b>G8321-17</b>
7 6 6 7	  	-20° +8°			.022"	R <b>G8321-16</b> L <b>G8321-17</b>	
						R <b>G8381-06</b> L <b>G8381-07</b>	
						.022"	R <b>G8321-06</b> L <b>G8321-07</b>



### MIM® LINGUAL TUBE WITH BALL HOOK

- G2846-02** Right
- G2846-03** Left
- G2847-02** Right, rotation -8°
- G2847-03** Left, rotation -8°

The curved flanges adapt to contours of both first and second molars.  
For use with double wires: .036".  
Packs of 10



### MIM® ACTIVATOR TUBE FOR EXTRAORAL FACEBOW

Manufactured with Metal Injection Moulding technology, it allows high retention into acrylics. Comfortable bevelled design.  
Packs of 10

































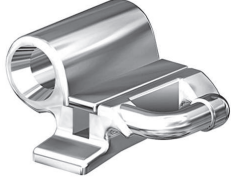



























- A0761-45** ∅ .045"
- A0761-51** ∅ .051"


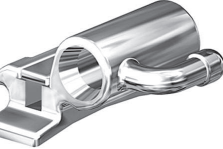











## CONVERTIBLE MIM<sup>®</sup> BUCCAL TUBES

The laser welded convertible cap prevents from any detachment and it is easy removable with the special Leone instrument P1090-00. Every tube is available: in the D.B. version, prewelded to either **CALIBRA<sup>®</sup>** or **WEB<sup>®</sup>** bands or solder-brazed on the D.B. anatomical mesh pad **MAXI F2800-00** (free services see pages 69, 120).

Packs of 10

Packs of 100 on request

									
				torque	rect. tube rot.	round tube diam.	rect. tube slot		weldable tubes
	$\frac{6}{6}$				0°	.045" occl.	.018"	R	<b>G8184-22</b>
							L	<b>G8184-23</b>	
	$\frac{6}{6}$				0°	.051" occl.	.018"	R	<b>G8185-12</b>
							L	<b>G8185-13</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				-10°	+8°	.045" occl.	R	<b>G8484-22</b>
							L	<b>G8484-23</b>	
	$\frac{6}{6}$				-10°	+8°	.051" occl.	R	<b>G8485-12</b>
							L	<b>G8485-13</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				0°		.018"	R	<b>G8170-16</b>
							L	<b>G8170-17</b>	
	$\frac{6}{6}$				-14°	+8°	.022"	R	<b>G8110-16</b>
							L	<b>G8110-17</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				-14°	+8°	.018"	R	<b>G8470-02</b>
							L	<b>G8470-03</b>	
	$\frac{6}{6}$				-25°	+8°	.022"	R	<b>G8410-02</b>
							L	<b>G8410-03</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				-25°	+8°	.018"	R	<b>G8470-06</b>
							L	<b>G8470-07</b>	
	$\frac{6}{6}$				-25°	+8°	.022"	R	<b>G8410-06</b>
							L	<b>G8410-07</b>	
	$\frac{6}{6}$				0°	.045" occl.	.018"	R	<b>G8184-12</b>
							L	<b>G8184-13</b>	
	$\frac{6}{6}$				0°	.051" occl.	.022"	R	<b>G8124-12</b>
							L	<b>G8124-13</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				0°	.051" occl.	.018"	R	<b>G8185-22</b>
							L	<b>G8185-23</b>	
	$\frac{6}{6}$				-10°	+8°	.022"	R	<b>G8125-22</b>
							L	<b>G8125-23</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				-10°	+8°	.045" occl.	R	<b>G8484-12</b>
							L	<b>G8484-13</b>	
	$\frac{6}{6}$				-10°	+8°	.051" occl.	R	<b>G8424-12</b>
							L	<b>G8424-13</b>	
<b>auxiliary tube .018"x.025"</b>	$\frac{6}{6}$				-10°	+8°	.018"	R	<b>G8485-22</b>
							L	<b>G8485-23</b>	
	$\frac{6}{6}$				-14°	+10°	.022"	R	<b>G8425-22</b>
							L	<b>G8425-23</b>	
$\frac{6}{6}$				-14°	+10°	.045" occl.	R	<b>G8424-32</b>	
						L	<b>G8424-33</b>		

								
			torque	rect. tube slot	round tube diam.	rect. tube slot	weldable tubes	
	$\frac{6}{6}$ $\frac{6}{6}$		0°		.045" ging.	.018"	R <a href="#">G8184-02</a> L <a href="#">G8184-03</a>	
						.022"	L <a href="#">G8124-02</a> L <a href="#">G8124-03</a>	
			0°		.051" ging.	.018"	R <a href="#">G8185-02</a> L <a href="#">G8185-03</a>	
						.022"	R <a href="#">G8125-02</a> L <a href="#">G8125-03</a>	
	$\frac{6}{6}$		-10°	+8°	.045" ging.	.018"	R <a href="#">G8484-02</a> L <a href="#">G8484-03</a>	
						.022"	R <a href="#">G8424-02</a> L <a href="#">G8424-03</a>	
		-10°	+8°	.051" ging.	.018"	R <a href="#">G8485-02</a> L <a href="#">G8485-03</a>		
					.022"	R <a href="#">G8425-02</a> L <a href="#">G8425-03</a>		
$\frac{6}{6}$		-20°		.045" ging.	.022"	R <a href="#">G8424-16</a> L <a href="#">G8424-17</a>		
					-25°	+8°	.018"	R <a href="#">G8484-06</a> L <a href="#">G8484-07</a>
							.022"	R <a href="#">G8424-06</a> L <a href="#">G8424-07</a>
						-25°	+8°	.018"
.022"	R <a href="#">G8425-06</a> L <a href="#">G8425-07</a>							
	$\frac{6}{6}$ $\frac{6}{6}$		0°			.018"	R <a href="#">G8181-02</a> L <a href="#">G8181-03</a>	
						.022"	R <a href="#">G8121-02</a> L <a href="#">G8121-03</a>	
	$\frac{6}{6}$		-10°	+8°			.018"	R <a href="#">G8481-02</a> L <a href="#">G8481-03</a>
							.022"	R <a href="#">G8421-02</a> L <a href="#">G8421-03</a>
	$\frac{6}{6}$		-20°	+8°			.022"	R <a href="#">G8421-16</a> L <a href="#">G8421-17</a>
								-25°
.022"	R <a href="#">G8421-06</a> L <a href="#">G8421-07</a>							



**P1090-00** \*\*\*  
**CAP REMOVER FOR CONVERTIBLE TUBES**

It makes the conversion of rectangular tube easy when banding of second molar is required.  
Autoclavable.  
Replaceable tips **P1090-01**, 2 pcs.






































## WELDABLE BRACKETS

Packs of 10

Packs of 100 on request






































upper

						slot .018"	slot .022"
<b>2   1   1   2</b>							
			0°	2,5	R L	G2080-14	G2020-14
			0°	3,3	R L	G2080-34	G2020-34
<b>1   1   1</b>							
			0°	3,5	R L	G2086-14	G2026-14
			0°	4,4	R L	G2080-44	G2020-44
			+10°	+5°	R L		G2421-02 G2421-03
			+22°	0°	R L	G2480-04	
<b>2   2   2</b>							
			0°	2,7	R L	G2080-24	G2020-24
			+5°	+10°	R L		G2422-02 G2422-03
			+14°	+8°	R L	G2482-02 G2482-03	
<b>3   3   3</b>							
			0°	2,5	R L	G2080-14	G2020-14
			0°	2,7	R L	G2088-04	G2028-04
			0°	3,3	R L	G2088-14	G2028-14
			+7°	+5°	R L	G2483-08 G2483-00	
			-10°	+10°	R L		G2423-02 G2423-03
			-10°	+15°	R L		G2423-12 G2423-13
<b>5   4   4   5</b>							
			0°	2,7	R L	G2088-04	G2028-04
			0°	3,3	R L	G2088-34	G2028-34
			0°	2,0	R L	G2089-14	G2029-14
			0°	3,3	R L	G2084-01	G2024-01
			-7°	0°	R L	G2489-01	G2429-11



lower

						slot .018"	slot .022"
<b>2   1   1   2</b>							
			0°	2,0	R L	G2080-04	G2020-04
			0°	2,1	R L	G2080-05	G2020-05
<b>3   3   3</b>							
			0°	2,5	R L	G2080-14	G2020-14
			0°	2,7	R L	G2088-04	G2028-04
			0°	3,3	R L	G2088-14	G2028-14
			+7°	+5°	R L	G2483-00 G2483-08	
			-10°	+5°	R L		G2423-06 G2423-07
			-10°	+10°	R L		G2423-16 G2423-17
<b>5   4   4   5</b>							
			0°	2,7	R L	G2088-04	G2028-04
			0°	3,3	R L	G2088-34	G2028-34
			-7°	0°	R L	G2484-05	
			-15°	0°	R L	G2485-05	
			0°	2,0	R L	G2089-14	G2029-14
			0°	3,3	R L	G2084-01	G2024-01
			-17°	0°	R L	G2489-15	G2429-15
			-22°	0°	R L	G2489-05	G2429-25
<b>6   6   6</b>							
			0°	3,5	R L	G2086-14	G2026-14
			0°	4,4	R L	G2080-44	G2020-44

 suggested for Andrews system

 suggested for Ricketts system





## CONNECTORS FOR LASER WELDING

Connectors for laser welding are accessories to be welded on the lingual side of the bands. Manufactured with **MIM**® technology, they feature a special fit geometry allowing the hold of the wire or the arm of the expander for laser welding of elements with a different thickness. The three models allow to make expanders, palatal bars and quad-helix with safety and solidity of the welded joints.

Packs of 10



**G0560-00**  
**CONNECTOR**  
**FOR EXPANDERS**



**G0565-09**  
**CONNECTOR 0,9 mm**  
**FOR BICUSPIDS**



**G0570-09**  
**CONNECTOR 0,9 mm**  
**FOR MOLARS**



*The connector's flanges ensure a good joint to the band by means of a welding machine*



*The connector's shape enables a correct biomechanical position of the arm and the hygiene of the area*



*Detail of the wire housing into the connector's seat*



*Laser welded connector: mechanic resistance and stainlessness are guaranteed*

## ROUND TUBES



	mm		pkg.
.036"	6,5	<b>G0533-36</b>	
.045"	5,5	<b>G0532-45</b>	10
.045"	9,5	<b>G0535-45</b>	

## TWIN ARCH SYSTEM TUBES



**G0520-24**  
Length 28,6 mm  
For double wire .011".  
Outer diameter: .036".



## MIM® SURGICAL HOOKS

For intermaxillary post-surgical fixation and tractions. Round edges. Easy to place with plier P1911-00.

## ROUND TUBING



		pkg.
.036"	<b>G0525-36</b>	1 pc
.045"	<b>G0525-45</b>	30 cm long



**G0533-36**  
For soldering. Inner diameter .036".  
Packs of 10

mm	for arch .018"	for arch .022"	pkg.
2,0	<b>G9620-18</b>	<b>G9620-22</b>	10
2,0 open	<b>G9650-18</b>	<b>G9650-22</b>	

## G2800-00 TONGUE CRIBS MESTRE STYLE

For preventing sucking habits and tongue thrusting. Easy to adapt and ready polished.

Pack of 1



## CRIMPABLE ARCH STOP

It can be inserted without removing the archwire. Once placed into the mouth, crimp it with a heavy cutter or universal pliers. Suggested for use with coil springs too.

**G9225-18** arches .018"x.025"

**G9228-22** arches .022"x.028"

Packs of 10



## G2820-00 LINGUAL CLEATS HIGH PROFILE

Pack of 100



## LINGUAL BUTTONS



**G2860-00**  
Flat  
for centering on molars



**G2865-00**  
Curved  
for mesial placement on molars



**G2870-00**  
Deep curved for bicuspid

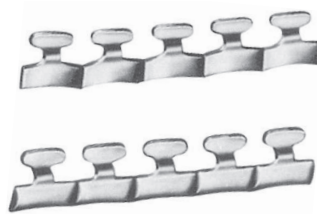
Packs of 10

## ELASTIC LUGS

**G2893-00** Curved for posteriors

**G2890-00** Flat for anteriors

Packs of 100



## LINGUAL CLEATS LOW PROFILE

**G2824-00** For molars

**G2822-00** For cuspids and bicuspid

Packs of 100



## G2850-00 LINGUAL SEATING LUGS

Pack of 100



## G2810-00 EYELET

Pack of 100



## G9019-25 CRIMPABLE CLOSED HOOK

For treatment with **STEP** technique, it is used for the application of intra and extraoral forces on .019"x.025" archwires in extra spring hard or super hard heat-treated stainless steel. Crimp it with a large cutter or P1911-00 plier.

Pack of 10

