# INTRA-EXTRAORAL

M

CLASS II CORRECTOR

The non-compliance device for Class II correction.
The small sizes of the device allow for optimum patient comfort while the constant and light force delivered by the spring **MEMORIA**® 200 g, located inside the plunger, stimulates the mandibular advancement. In this new version, the fluidity of movement and the strength of the telescopic mechanism are improved. The packages include all the needful parts for the application of a bilateral correction device.

EXTRA-SHORT

SHORT

LONG

1:1
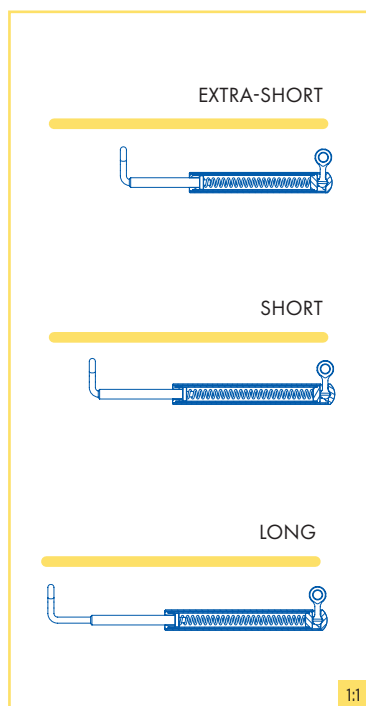
Available in **3 lengths** with both mesial and distal fitting to upper molar tube, for a total of 6 possible positions in the mouth. When used in the mesial position, it can be placed on a single direct-bonding tube without the need of band or round tube.
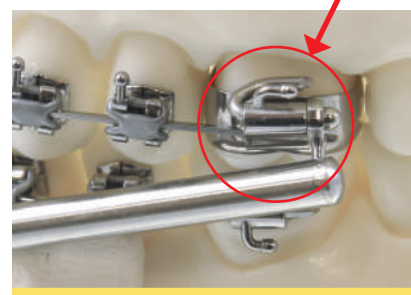
mesial support

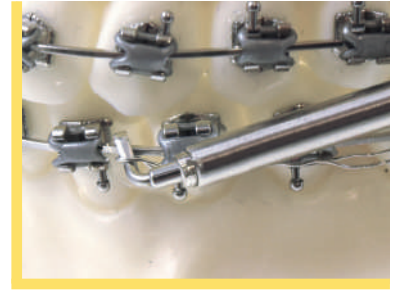to vestibular tube
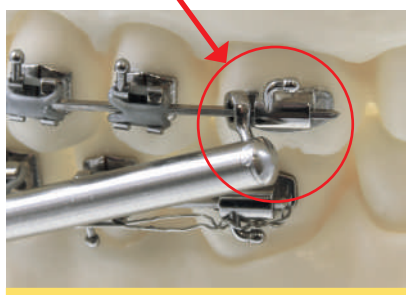
distal support

to vestibular tube

To avoid breakage, the device should not be mounted at full compression: once in the mouth in habitual occlusion, a portion of the plunger coming out of the tube for at least **2 mm** should be visible.

2 mm

*PATENTED

Available in 2 versions:

1 with anterior eyelet

2 with anterior hook

WITH ANTERIOR EYELET	WITH ANTERIOR HOOK	Type	Length at full expansion (passive configuration)	Length at full compression (including 2 mm additional possible compensation, see page 162)	Maximum safety stroke of spring	Maximum opening allowed to prevent disassembly
M2302-00	M2301-00	EXTRA-SHORT	31 mm	25 mm	7,5 mm	48 mm*
M2302-01	M2301-01	SHORT	35 mm	28 mm	10 mm	56 mm*
M2302-02	M2301-02	LONG	40 mm	33 mm	10 mm	62 mm*

Distance between the 2 eyelets or hooks of anchorage

M2301-91
CLASS II CORRECTOR KIT
WITH ANTERIOR HOOK

Pack of 3 correctors with anterior hook
(1 extra-short, 1 short, 1 long) and 6 measuring gauges

M2302-91
CLASS II CORRECTOR KIT
WITH ANTERIOR EYELET

Pack of 3 correctors with anterior eyelet
(1 extra-short, 1 short, 1 long) and 6 measuring gauges

With the help of this measuring gauge, it will be simple and intuitive to figure out which of the three available lengths will be the correct one.

lip bumper

M3052-00
MINI LIP BUMPER BY PROF. NICOLA VELTRI

Designed by Prof. Nicola Veltri: this device is intended for use on patients with deciduous or mixed dentition with lack of space and/or small jaw with either sagittal or transversal dimension. The early application on deciduous molars positively stimulates the development of the mandible. The mini lip bumper is made with a special inclination of the archwire so as the anterior shield is positioned in the area where the lip is highly pushed forward and has a **stop adjustable screw** that makes a precise activation possible without the need of bending the wire. The adjustment of the stop requires the screwdriver REF P1520-00. **Pack of** 5
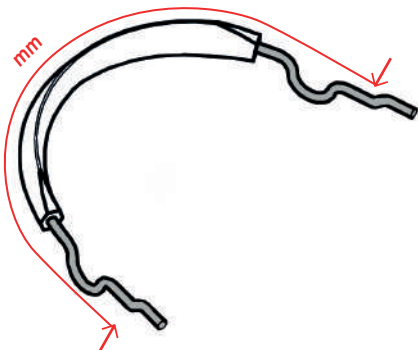
LIP BUMPER

Made of biomedical stainless steel .045" wire.
Non toxic techno-polymer labial coating.

M3050-00 without loops
M3051-00 with loops

LIP BUMPER WITH LOOPS
AND BAYONET STOPS

size	mm	pkg.		pkg.
1	76	M3051-01	M3051-011	
2	80	M3051-02	M3051-012	
3	84	M3051-03	M3051-013	10
4	88	M3051-04	M3051-014	
5	92	M3051-05	M3051-015	

(pkg. 1)
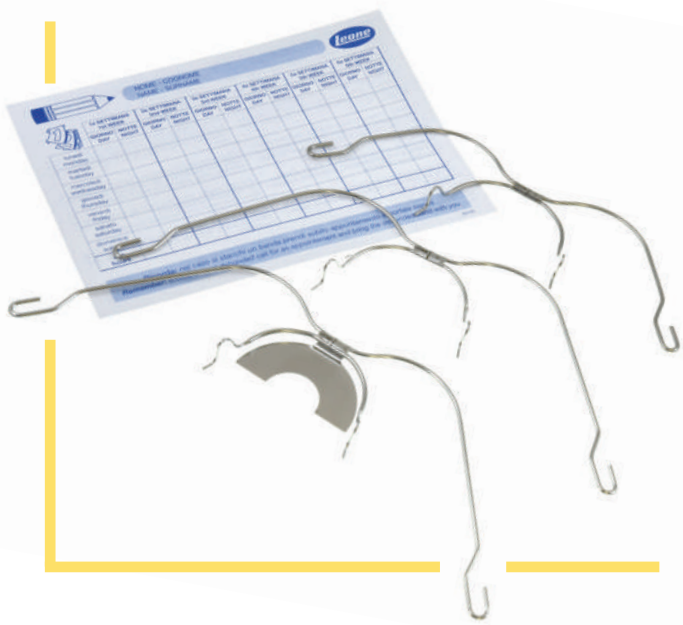
Entirely made of biomedical spring stainless steel wire: the outer bow measures 1,80 mm in diameter and the single piece inner bow has a terminal portion of .045" (1,14 mm).

The laser welded bows joint, without the presence of solder material, is breakage resistant and avoids allergic reactions due to bimetallism. Midline and number clearly laser marked.

Bright polished for maximum hygiene.

Outer bow is available in three lengths.

Standard size is available with pre-formed loops, bites or double bites, all with the option of hooks for elastics.

Caution: All extraoral facebows are intended for use with Leone M0810 safety modules.
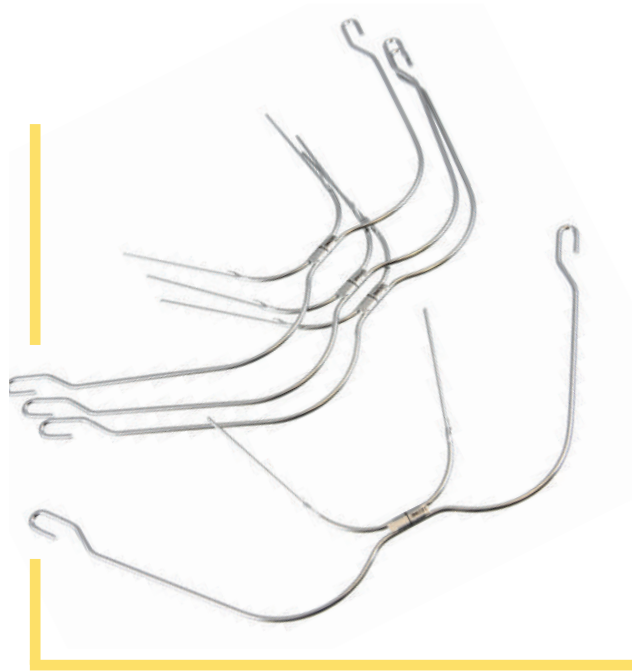
STANDARD EXTRAORAL FACEBOWS

Thanks to the choice of making the inner stainless steel one-piece bow integral with the end portion of .045" (1,14 mm), the realization of loops and/or bayonet stops does not decrease its structural resistance, by ensuring the transmission of extra oral forces to the tubes on the bands.

Outer bow available in three lengths and with the option of elastic hooks.

Caution: all extraoral facebows are intended for use with Leone M0810 safety modules.
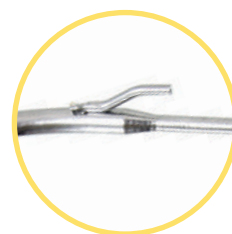
	outer arch diameter	inner arch diameter		standard facebow			standard facebow with hooks for elastics		
	mm	mm	inch	pkg.		pkg.	pkg.		pkg.
new extralong outer arch	1,80	1,14	.045	M4840-00	1	M4840-001	10			
long outer arch	1,80	1,14	.045	M4800-00	1	M4800-001	10	M4801-00	1	M4801-001	10
short outer arch				M4830-00		M4830-001		M4831-00		M4831-001

extraoral facebows
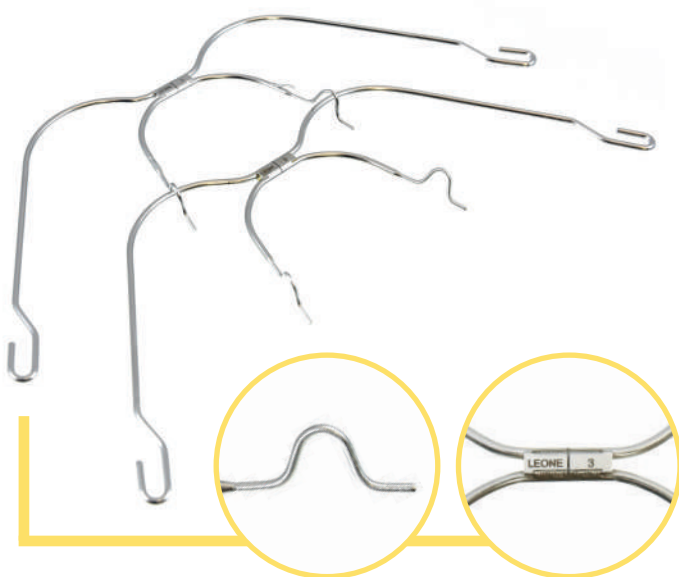
EXTRAORAL FACEBOWS WITH PREFORMED LOOPS

Thanks to the choice of making the inner stainless steel one-piece bow with the end portion of .045" (1,14mm), the preformed loops are easily adaptable to the patient needs but also very breakage resistant. Available in five sizes both with hooks for elastics for anteriors or with bite to facilitate lower intrusion.

Caution: all extraoral facebows are intended for use with Leone M0810 safety modules.

midline
clearly marked

WITH PREFORMED LOOPS

d = intermolar width from loop to loop in millimeter			long outer bow		short outer bow		
	size			pkg.		pkg.	
			pkg.		pkg.		pkg.
83	1	M4805-01	M4805-011		M4835-01	M4835-011	
90	2	M4805-02	M4805-021		M4835-02	M4835-021	
97	3	M4805-03	M4805-031		M4835-03	M4835-031	
104	4	M4805-04	M4805-041		M4835-04	M4835-041	
111	5	M4805-05	M4805-051		M4835-05	M4835-051	

(long outer bow: pkg. 1, pkg. 10 — short outer bow: pkg. 1, pkg. 10)

WITH PREFORMED LOOPS AND HOOKS FOR ELASTICS

d = intermolar width from loop to loop in millimeter			long outer bow	
	size			pkg.
83	1	M4806-01		
90	2	M4806-02		
97	3	M4806-03		1
104	4	M4806-04		
111	5	M4806-05		
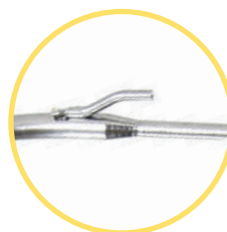
WITH PREFORMED LOOPS AND BITE

| d = intermolar width from loop to loop in millimeter			with bite plane hard stainless steel	
	size			pkg.
83	1	M4808-01		
90	2	M4808-02		
97	3	M4808-03		1
104	4	M4808-04		
111	5	M4808-05		

EXTRAORAL FACEBOWS WITH SINGLE AND DOUBLE BITE

The bite is made of stainless steel and it is laser welded to the front portion of the facebow.
Available with single or double bite, with soft or hard bite, with hooks and with hooks and elastic retractor.

**Caution:** all extraoral facebows are intended for use with Leone M0810 safety modules.
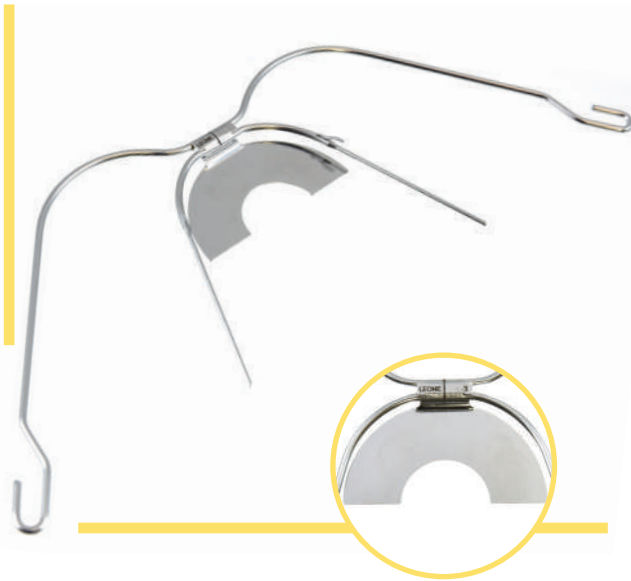
	standard		with hooks for elastics	with hooks and elastic retractor	
	with bite	with double bite	with bite	with bite	pkg.
hard stainless steel bite plane	M4808-00	M4824-00	M4809-00	M4807-00	1
soft stainless steel bite plane	M4808-10	M4824-10	M4809-10	M4807-10	

M3620-01
SLEEVE FOR EXTRAORAL FACEBOWS AND HEADGEARS

Pack of 10
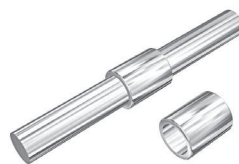
M3307-00
WELDABLE STOP FOR ARCHES

Made of biomedical stainless steel.
It is mostly used with intra oral arches and lip bumper. Just use a spot of a welding machine to fix it. For use with wire 1,14 mm (.045") in diameter.
Pack of 10

M3309-00
FACEBOW SCREW STOP

Made of stainless steel. For use with wire 1,14 mm (.045") in diameter.
Packs of 10

M3309-95
FACEBOW SCREW STOP KIT
Pack content:
50 stop screws and 1 screw-driver

face masks

FACE MASK

Used for treatment of maxillary insufficiencies, prognathism of the mandible and cleft pala-te. The reverse orthopaedic pull between maxilla and mandible facilitates the subsequent orthodontic treatment. Made of stainless steel wire and non toxic acrylic, it can be adapted to perform any individual size adjustment, either vertical or horizontal. All attachments are locked by set screws in metal housings. Face masks with zygomatic holds feature an adjustable strap band.

Pack of: 1 face mask, 1 screw wrench, instructions for use into a sleeve for patient

REPLACEMENT PARTS	M0777-00	Chin pad	Pack of 1
	M0778-00	Forehead pad	Pack of 1
	M0779-00	Zygomatic hold pad	Pack of 2

WITH HORIZONTAL ADJUSTMENT

	BEIGE	RED	YELLOW	GREEN	
	M0774-00	M0774-00R	M0774-00G	M0774-00V	SMALL
	M0776-00	M0776-00R	M0776-00G	M0776-00V	LARGE
	M0773-00				MINI

ok ORTHODONTICS FOR KIDS

UNIVERSAL ADJUSTABLE

	BEIGE	RED	YELLOW	GREEN
	M0775-00	M0775-00R	M0775-00G	M0775-00V

WITH VERTICAL ADJUSTMENT

	BEIGE	
	M0774-01	SMALL
	M0776-01	LARGE

WITH ZYGOMATIC HOLDS

	BEIGE
	M0771-00

DYNAMIC FACE MASK

VERTICAL ADJUSTMENT

	BLUE	RED
	M0772-01	M0772-01R

Pack of 1:
- 1 face mask,
- 1 adjusting wrench,
- 2 forehead pads,
- 2 chin pads and instructions for use

ELASTICS RECOMMENDED

		inner diameter	
		3/8" - 9,5 mm	1/2" - 12,7 mm
strong	8 oz - 224 g	K0935-08	K0936-08

M0790-00
HEADGEAR WITH CHIN CAP

For correction of Class III malocclusions with prognathism of the mandible. Headgear and elastic tractions are fully adaptable; the chin cap in natural leather assures an ideal fit to any face. Colour: blue.
Pack of 1

REPLACEMENT PARTS

M0791-00 Pack of 1	Chin pad
M0791-01 Pack of 2	Elastics

HEADGEAR FOR SAFETY MODULES

High pull. Use with safety release spring modules only. It fits onto safety hooks of spring modules. Made of hypoallergenic and washable material with comfortable padding. Available in 3 sizes and 2 colours to provide patient's psychological compliance.
Pack of 1

	blue
small	M0805-00
medium	M0805-10
large	M0805-20

	pink
small	M0805-00S
medium	M0805-10S
large	M0805-20S

NECK PAD FOR SAFETY MODULES

Low pull. Same as headgear both for use with safety modules and materials.
Available in 2 colours to provide patient's psycological compliance.
Pack of 10

M0800-00S	Pink
M0800-00	Blue

M3613-01
SLEEVE FOR FACE MASK

For patient personal face mask. Transparent coloured, washable, fully neutral coloured.
Pack of 10

safety headgear system

SAFETY HEADGEAR SYSTEM

For use with the suitable headgear or neck pads only. Safety clasps disengage the spring strap when tension force exceeds 2 Kg each side.
This system avoids dangerous slingshot rebound injuries of the facebow in case of disconnection from headgear tubes. Coil springs are incorporated into the modules to provide constant traction force. Available in three colour-coded attachment straps showing the force level.
Pack of 10

	color	
light	transparent	**M0810-01**
medium	yellow	**M0810-02**
heavy	blue	**M0810-03**

safety release spring system
of the force

stainless steel springs
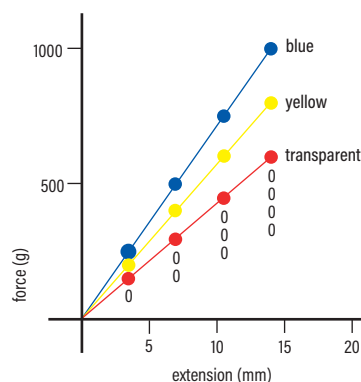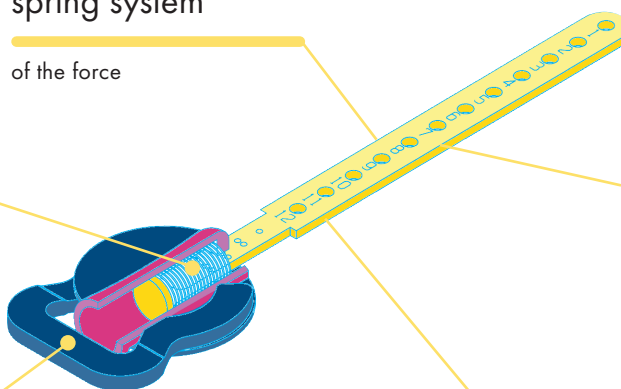release permanent forces

notch numbered
straps for therapeutical control

total safety for the patient
clasps disengage the spring strap when tension force exceeds 2 Kg each side

differently coloured straps
to indicate the different spring force of modules

force (g)

1000 — blue
— yellow
500 — transparent

5   10   15   20
extension (mm)

Traction force released by each module can be easily controlled: when 2 notch tension appears on the plastic strap under traction, 2/4 (two fourths) out of the total deliverable force of the spring is going to be released. Above diagram shows the forces released by each type of module.