

D.B. Metal Brackets

Self - Ligating

Accuracy, control and versatility.

F1000Plus



InteractiveSL



Leone[®]



A full range of metal D.B. Self Ligating brackets, made with MIM® technology for excellent precision, control, and versatility for performing biomechanical treatments.

FDI Marking

The laser marking of the FDI identification on the 80-mesh gauge base ensures immediate identification of the bracket to be positioned on the corresponding tooth.

Maximum hygiene

Leone Self Ligating brackets guarantee optimal patient hygiene thanks to the absence of elastic ligatures that can cause plaque accumulation and gingival irritations.

.022" Slot

The choice to offer this range of .022" slot brackets is in line with the most recent research on biomechanics in fixed orthodontics and allows the use of any arch wire available in our range.

F1000Plus



InteractiveSL



Why **F1000**Plus?

F1000Plus brackets are designed to meet the most sophisticated biomechanical needs, with the aim of simplifying clinical management.

The design of the bracket is characterized by a passive self-ligating mechanism that secures the arch wire inside the slot and, based on the size and geometry of the arch wire, allows to exploit Low Friction mechanics in the initial phases and promote Sliding in the retraction of the frontal group, and then allow for complete control of Tip and Torque values in the final stages of treatment.

F1000Plus brackets, thanks to the features described, are biomechanically efficient, with consistent chair and treatment time reduction, thus promoting patient satisfaction and maximum comfort.

Available in Roth, MBT, Damon** techniques



for further information visit www.leone.it

leone[®]

Features

Exclusive passive mechanism

The special design of slot and clip optimizes control in the various therapeutic stages, improving the effectiveness of the orthodontic treatment.



Round shape

The brackets are completely rounded and without edges, ensuring maximum patient comfort.



Central line

Each bracket has a vertical central scribe line on the clip that makes alignment with the long axis of the tooth intuitive during bonding for precise positioning.



Ball hooks

All brackets for cuspids and bicuspid are provided with a low-profile ball hook for maximum comfort.



Advanced Open/Close Mechanism

The innovative technology of the clip facilitates open/close operations as it does not require any pressure, minimizing discomfort for the patient and ensuring efficiency in the arch wire replacement phase.



Bracket profile

Based on the clinical case, **F1000Plus** bracket tie wings allow the application of elastic or metallic ligatures to increase friction and fully express Torque and Tip information present in the slot.



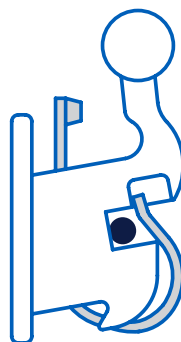
Why Interactive?

The specific conformation of the Interactive clip and bracket allows the modulation of the most appropriate level of friction between the bracket and wire, based on the needs of the various phases of treatment.

Available in Roth and MBT techniques

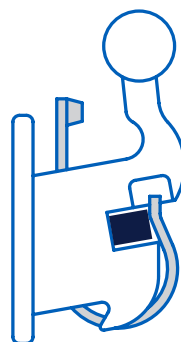
Passive phase

First stage round arch wires result unbound by the clip: the low friction will facilitate alignment and leveling phase.



Interactive phase

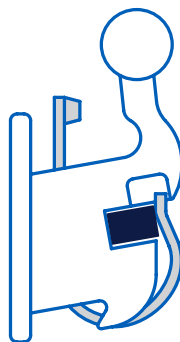
Rectangular arch wires which are used for space closure, rotation, and torque control, elastically deform the clip, obtaining the biomechanical control necessary for these phases of treatment.



*MBT is a Trademark of 3M Unitek.
The orthodontic brackets illustrated in this catalogue are not intended to be a duplication of any other existing system nor does Leone SpA imply that they are endorsed by the above mentioned doctors or Schools in any form.

Active phase

Rectangular arch wires for finishing and detailing completely fill the slot, creating active contact with the clip: it allows the exploitation of elastic properties to obtain the minimal movements for finishing treatment.

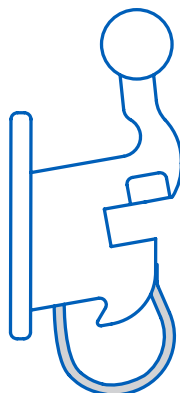


Easy Open/Close

No special instruments are required

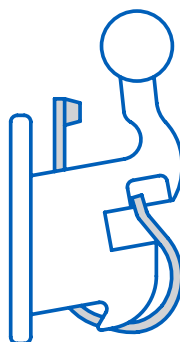
Opening

Insert the tip of a probe or utility instrument into the hole in the clip and move in the occlusal direction.



Closing

Slide the clip with a slight pressure in the gingival direction using an instrument tip or just the finger.



InteractiveSL

Features

Maximum Comfort and Versatility

Thanks to their design and reduced dimensions, **InteractiveSL** self-ligating brackets offer exceptionally comfortable treatment for the patient, without losing control.

The interactive clip ensures efficient clinical management of treatment due to the progressive biomechanical control, which allows low friction to be exploited in the initial phases and meanwhile achieving the perfect finishing with the final arch wires.



Material & Design

The bracket body is made of biomedical steel and laser-welded to the base.

A colored distal-gingival identification dot indicates the quadrant for each bracket; the color codes are the same as all the brackets in the Leone range.



Ball hooks

Perfectly spherical and with low profile for maximum comfort.



Spring clip

Made of highly elastic alloy, it favors simple and safe open/close movements. The sliding portion of the clip is laser welded between the base and the body preventing any detachment.



Beveled Slot on mesial-distal edge:

Promotes sliding of arch wires even in case of severe misalignments, avoiding notching and binding.



D.B. Brackets F1000Plus - ROTH System .022"	20 brackets 1 case	200 brackets 10 cases
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F1000-93

F1001-93

D.B. Brackets F1000Plus - MBT System .022"	20 brackets 1 case	200 brackets 10 cases
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F1000-92

F1001-92

D.B. Brackets F1000Plus - DAMON System .022"	20 brackets 1 case	200 brackets 10 cases
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F1000-91

F1001-91

D.B. Brackets InteractiveSL - ROTH System .022"	20 brackets 1 case	200 brackets 10 cases
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F1100-91

F1101-91

D.B. Brackets InteractiveSL - MBT System .022"	20 brackets 1 case	200 brackets 10 cases
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F1100-92

F1101-92



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