

## Hybrid Mode Expander / Mini Hybrid Mode Expander





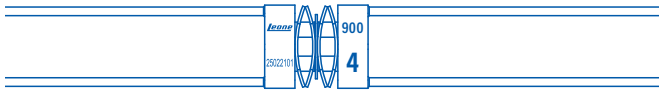
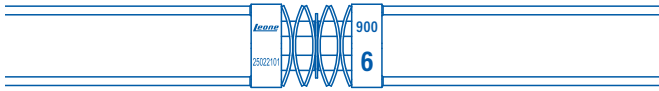
A new range of expanders, equipped with nickel-titanium leaf springs (the same used in the Leaf range), ideal for creating **removable appliances for the pre-treatment phase with aligners**. The goal is to increase space in the arches, reduce the need for stripping, and reduce the number of aligners.

Available in different sizes and forces released by the nickel-titanium springs.

Expansion capacity limited to **4 or 6 mm**.







## Hybrid Mode Expander 4 Arms

				
11 mm	4 mm	arms	body	
		<b>A2726-04</b>	1,1 mm	13 mm
		4 springs 900 g approx.		4 mm
		<b>A2726-06</b>	1,1 mm	15 mm
		6 springs 900 g approx.		6 mm

AVAILABLE  
STARTING  
APRIL 2025






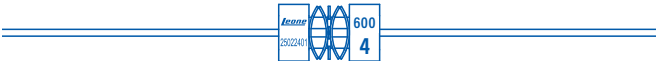

Mini Hybrid Mode Expander 4 Arms



					
7,5 mm		3 mm		arms	body
		<b>A2504-04</b>		1,1 mm	11 mm
		4 springs 600 g approx.		4 mm	
		<b>A2504-06</b>		1,1 mm	13 mm
		6 springs 600 g approx.		6 mm	

Mini Hybrid Mode Expander 2 Arms



						
7,5 mm		3 mm		arms	body	
		<b>A2502-04</b>		0,9 mm	11 mm	4 mm
		4 springs 600 g approx.				
		<b>A2502-06</b>		0,9 mm	13 mm	6 mm
		6 springs 600 g approx.				






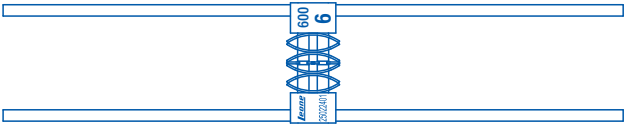
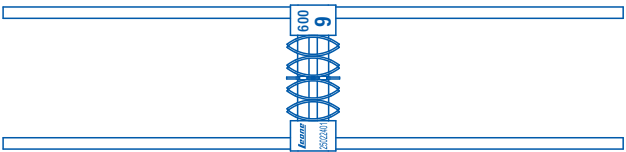
Leaf Self Expander® Anatomical / Mini Leaf Self Expander®

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APRIL 2025

These expanders complement the existing Leaf Self Expander® range, with two new types featuring a reduced size for the fabrication of fixed appliances. They aim to expand the transverse dimension of the arch or distalize upper molars. Available for analog or digital workflows in different configurations. Expansion capacity of **6 or 9 mm** and **600 g** springs.



Leaf Self Expander® Anatomical

 6 mm	 4,5 mm	 arms	 body	
		<b>A2503-06</b> 6 springs 600 g approx.	1,5 mm	13 mm
		<b>A2503-09</b> 8 springs 600 g approx.	1,5 mm	16 mm

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MAY 2025

Leaf Self Expander® Anatomical CAD-CAM



		body	
6 mm	4,5 mm		



A2503-06D

6 springs  
600 g approx.

13 mm      6 mm



A2503-09D

8 springs  
600 g approx.

16 mm      9 mm

Mini Leaf Self Expander® CAD-CAM



			
7,5 mm	3 mm	body	



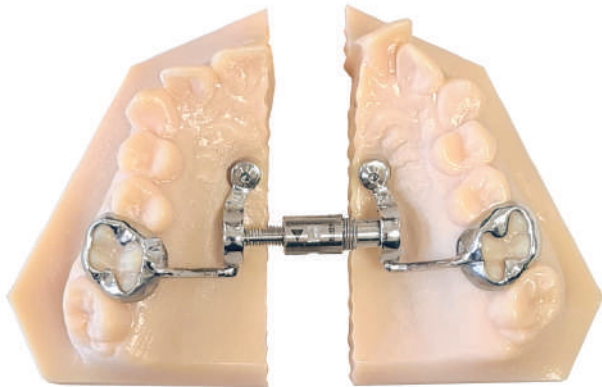
A2502-06D











6 springs  
600 g approx.

13 mm      6 mm

## Telescopic CAD-CAM Expander

This new Leone® expander features a double telescopic screw. Thanks to its excellent size/expansion ratio, this new product is suitable for rapid palatal expansion, even in patients with particularly small transverse dimensions. With the aid of mini screws for palatal anchorage (TADs), it can also be used on adult patients. It is exclusively available for the digital workflow included in the 3DLeone Designer software. Expansion capacity of **10, 14 e 18 mm**.



 x mm		 x mm	 body		
			<b>A0640-10D</b>	11 mm	10 mm
			<b>A0640-14D</b>	13 mm	14 mm
			<b>A0640-18D</b>	15 mm	18 mm

Each expander includes **an innovative swivel key** that simplifies intraoral activation just with a single movement, simplifying the procedure compared to other products already on the market



F1000Plus D.B Metal Brackets - Passive Self Ligating

F1000 Plus 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 get complete control of Tip and Torque values in the final stages of treatment.

F1000 Plus brackets, thanks to the features described, are **bio-mechanically efficient**, with consistent **chair** and **treatment time reduction**, thus promoting **patient satisfaction** and **maximum comfort**.



D.B. Brackets F1000Plus - ROTH System .022"	20 brackets 1 case	200 brackets 10 cases
<div><div>F1000Plus</div><div><small>D.B. Metal Brackets Passive Self - Ligating</small></div><div>leone</div></div>	F1000-93	F1001-93
D.B. Brackets F1000Plus - MBT System .022"	20 brackets 1 case	200 brackets 10 cases
<div><div>F1000Plus</div><div><small>D.B. Metal Brackets Passive Self - Ligating</small></div><div>leone</div></div>	F1000-92	F1001-92
D.B. Brackets F1000Plus - DAMON System .022"	20 brackets 1 case	200 brackets 10 cases
<div><div>F1000Plus</div><div><small>D.B. Metal Brackets Passive Self - Ligating</small></div><div>leone</div></div>	F1000-91	F1001-91



Refills