

New!

Class II treatment made easy and reliable!



Introducing the Williams* appliance



*Invented by Dr. Michael Williams, Gulfport, Mississippi US patent no. 5,919,042 and other international patents

The Williams* appliance for Class II treatment

CE 0297

Description

The new Williams appliance makes Class 2 treatment really easy. The unique threading design allows for incremental advancements of the mandible. A key is placed in the holes build into the tube thus

allowing for chairside activation and advancement of the mandible. No shims, no removable of the appliance, no disengagement needed, just turn the key!

Advantages

1. Shimless design: Less potential for accidental aspiration of loose parts.
2. Incremental advancement capabilities: Research indicates that incremental advancement of the mandible is superior
3. Allows clinician to make all adjustments chairside
4. Allows for asymmetrical advancements to the accuracy of 1/8mm per side
5. Due to the unique threading design, allows both right and left handed clinicians to activate both sides without having to reposition to the patient.
6. Activations make it more difficult for patient to disengage from the appliance as the working lengths of the muscles increase. Shim designs actually disengage easier as the shims are added. Our design has the tube getting longer as the mandible advances thus making disengagement more difficult.
7. Sturdy design which will not bend under torque or tension like other Class II devices
8. No storage of different sizes of shims or going into laboratory and measuring for the right size shim needed


Intraoral patient examples









Technical data

outer diameter:	4.5 mm
thread lead:	0.8 mm per full turn
activation range:	+ 6 mm
nominal size*	20 mm
distance bore centre to bore centre*	24 mm
total length*	29 mm

*+6 mm activation^A

Description	Order-No
	1 patient kit 321-0100

Description	pieces	Order-No
	1 kit	321-0107
	1 kit	321-0108
	10	320-0104
	10	320-0105
	10	320-0106
	1	320-0109