

3/4[®] DEEP BITE BRACKET

The deep bite bracket designed by: Dr. Schutz



This is a straight-wire type bracket for the lower incisors. The occlusal slot wall is shortened by approximately 50%, and the incisal walls are reduced to a minimum.



DEEP BITE BRACKET

Application

Malocclusion with pronounced overbite.

Description

This is a straight-wire type bracket for the lower incisors. The occlusal slot wall is shortened by approximately 50 percent, and the incisal walls are reduced to a minimum.

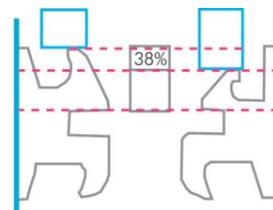
Characteristic

Due to the special form of the incisal parts, the 3/4 bracket can be fixed in an overbite situation space restraints do not allow this with a conventional bracket. Furthermore, the 3/4 bracket can be placed more incisally on a short clinical crown or in a normal overbite situation.

Advantages

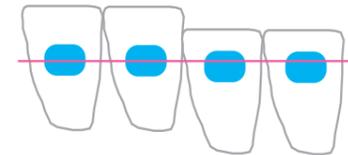
The 3/4 bracket is ready to be fixed on a deep overbite and small over-jet. It is thus possible to include the lower incisors in the treatment at an earlier stage, in turn reducing tooth movement. The option to place the bracket more incisally facilitates better leveling thereby increasing the efficiency of the appliance. An additional advantage is lower shearing forces, which results in fewer repairs and less chair

In this schematic representation, the incisal space requirement is reduced by approximately 40 percent, producing an even greater space gain due to the small sagittal dimension of the incisal bracket wing and the palatal concaving of the incisors.

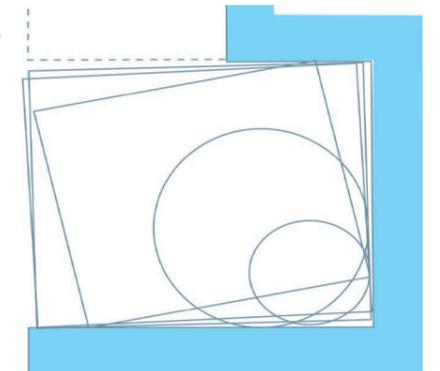


The schematic representation shows which regions of a .022 slot are subject to lead when the arch wires act in the direction of intrusion and up righting of the lower incisors. The front half of the incisal slot wall of a conventional bracket (the dotted line) is not engaged by the wire and is thus without function.

Wire thickness represented: .014, .020, .016x.022, .018x.025, & .021x.025



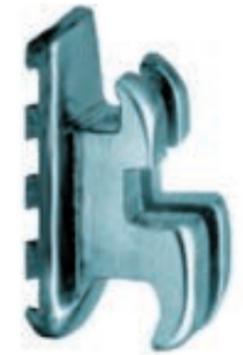
Improved leveling situation by incisal placement of the bracket.



BY DR. SCHUTZ

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We highly recommend that the 3/4 bracket not be used with other lower anterior brackets due to the different IN/OUT values, and a full set of four 3/4 brackets be used for optimum performance. No special adhesives are required.



Roth Prescription .018

Tooth	Torque	Angulation	In/Out	Wide	Right & Left
Lower Black					
Lower Anterior	-1°	0°	1.10	2.35	05-31-42-S

Roth Prescription .022

Tooth	Torque	Angulation	In/Out	Wide	Right & Left
Lower Black					
Lower Anterior	-1°	0°	1.10	2.35	55-31-42-S