

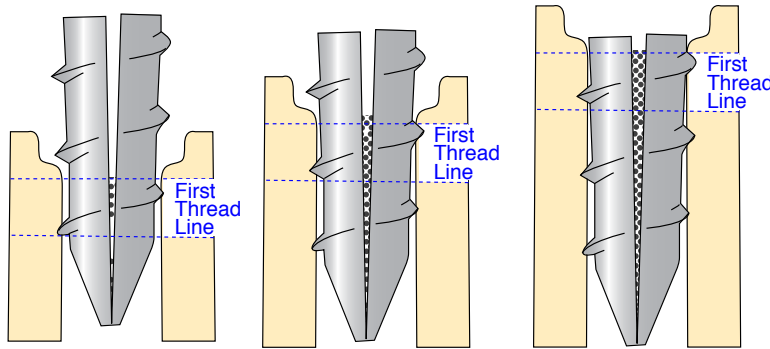
Why Use The Flexi-Post / Flexi-Flange System?

1. The highest retention.

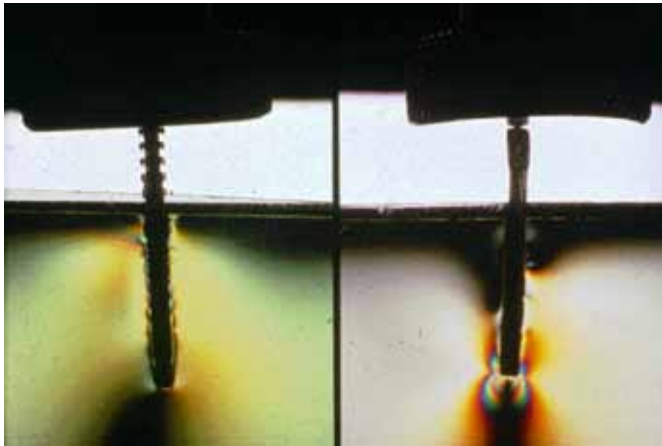
Mechanical threads provide much higher retention than a passive post. However, without a split-shank, they can split roots.

2. Very low insertional stresses.

Because the patented split-shank creates a gradual thread pattern insertional stress is very low.



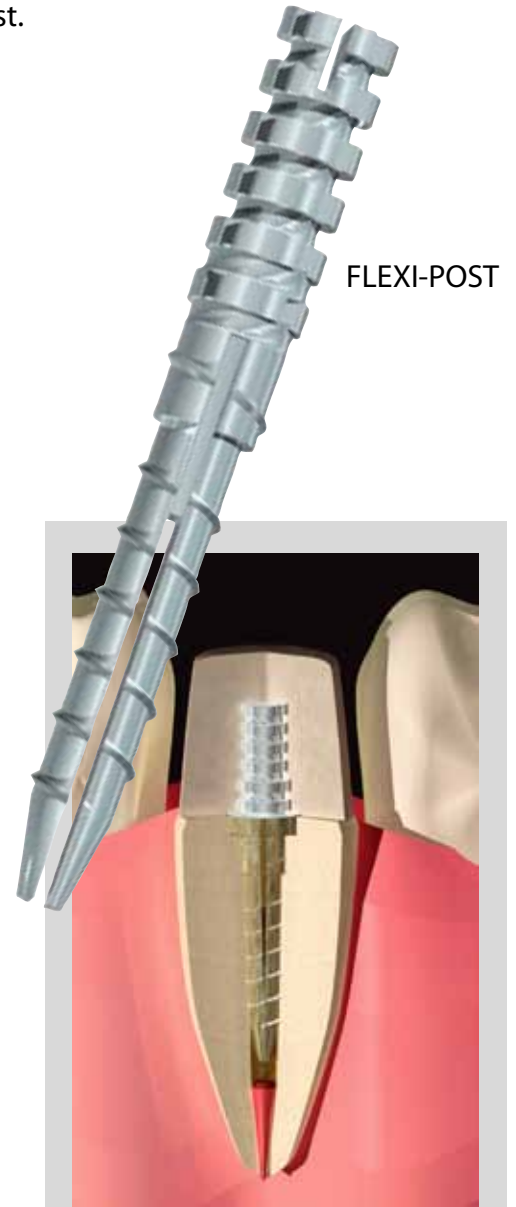
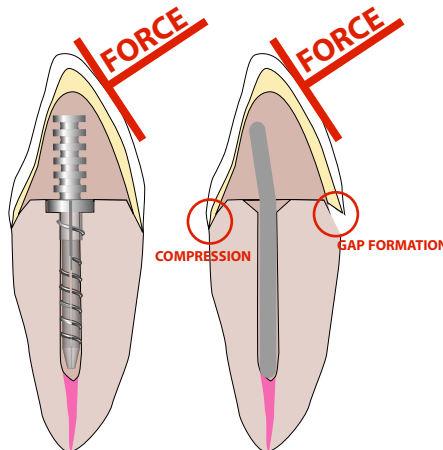
3. Even distribution of functional stresses.



Flexi-Post / Flexi-Flange photoelastic studies shows even distribution of stress under function (left) compared to passive posts (right). Note the high concentration of apical stress (At the point where the root is weakest).

4. Highly resistant to cyclic fatigue.

The multiple tier design distribute functional stresses to the strongest part of the root. The dentin-to-metal contact distributes destabilizing stresses over a large area. Reduces stress concentrations at any one point and solidifies the entire restoration for optimum resistance to micromovement and resulting wear.



FLEXI-FLANGE:

Used in cases of little or no coronal dentin. The flange offers a wider area for the post to distribute stresses of occlusion, greatly increasing the fatigue resistance, retention of the post and final restoration.

1-800-22-FLEXI

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