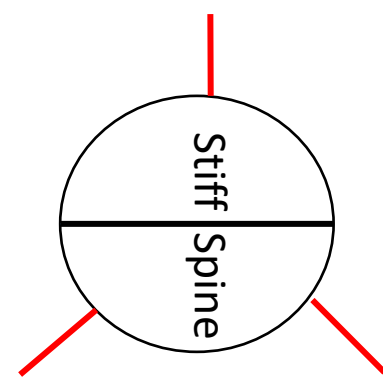
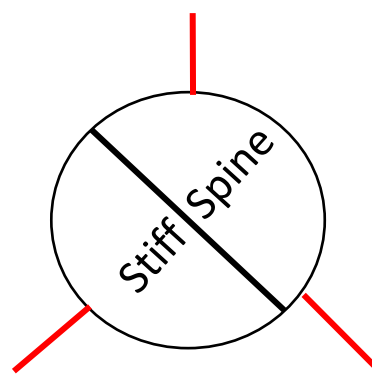
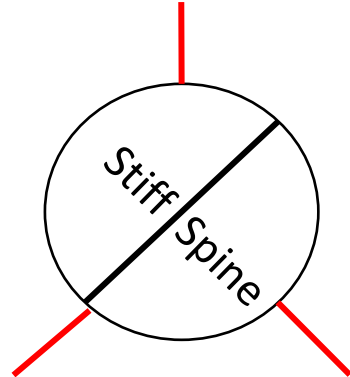
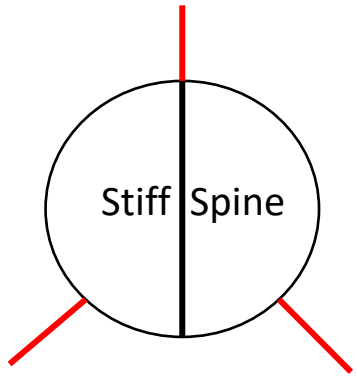


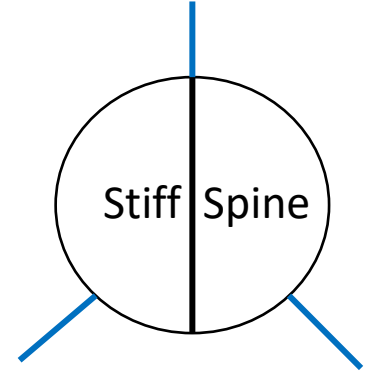
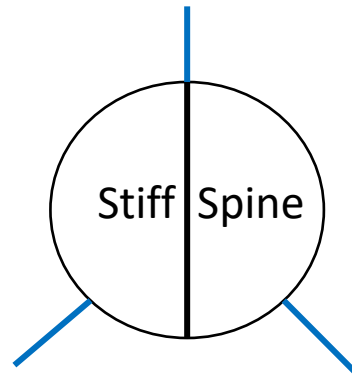
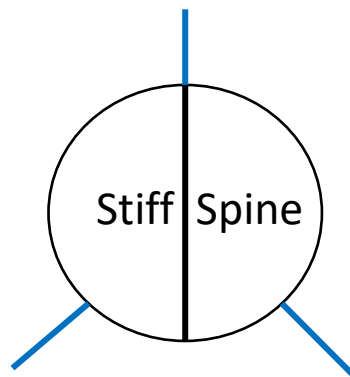
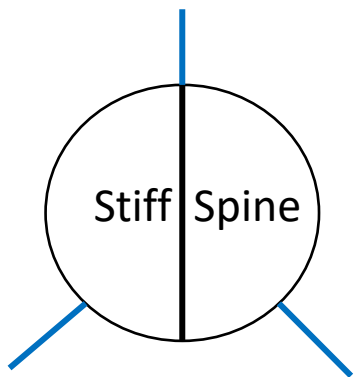
Taking Arrows to the Next Level

- Spine Indexing (the **Stiff Side** or an arrow)
Don't Confuse with Arrow Spine (400, 600, 800, 1100, etc.)
 - Understanding what the **Stiff Side** can do for you
 - How to identify the **Stiff Side** of an arrow
 - Does Every Arrow Manufacturer have **Stiff Side**?
- Arrow Clocking
 - What **YOUR** arrows want to do after leaving your Bow
 - Does every arrow model clock the same

What are the effects of the Stiff Side on arrow flight



Instead of



How to Find the Spine Plane

RAM Spine Tester (in our Archery Shop)



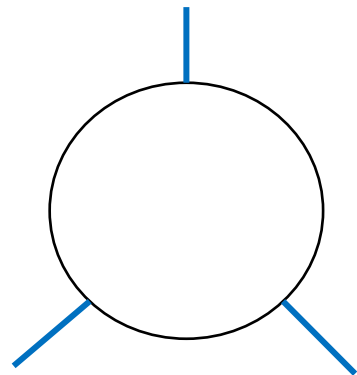
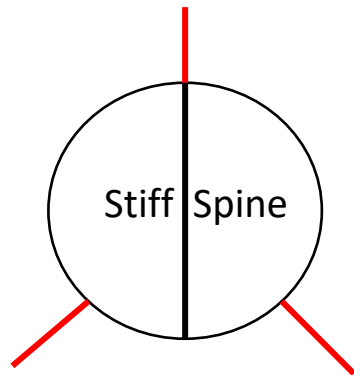
Does Every Arrow Manufacturer Have Stiff Sides

Manufacturers of Aluminum & Aluminum/Carbon **Do Not**

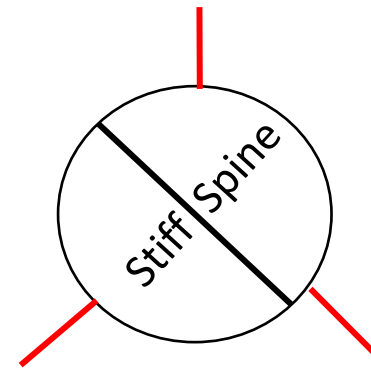
Ex: Easton RX-7, X27, XX75, etc., & X10, X10 ProTour, X10 Parallel Pro

Majority of Carbon Arrow Manufactures have a Stiff Side

Right Now Easton ACU-Carbon and Altra are the only one's I know of that **Do Not**



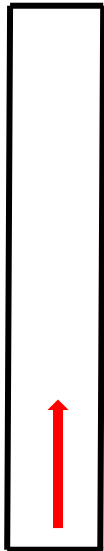
or



Arrow Clocking

Which Vane Offset to Use

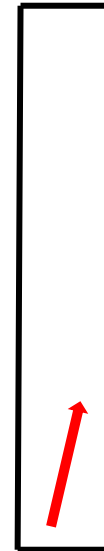
Straight



Left Offset



Right Offset



Arrows leave a bow wanting to spin either

Clockwise or Counter-Clockwise

- Clockwise spin indicates vanes should be Right-Hand Offset
- Counter-Clockwise indicates vanes should be Left-Hand Offset

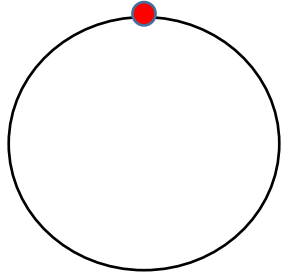
How To Find Your Vane Offset

Test Your Bow with a Bare shaft arrow at roughly

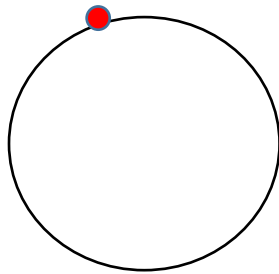
- 2 yards
- 4 yards
- 6 yards
- Etc.

The Test Will Show

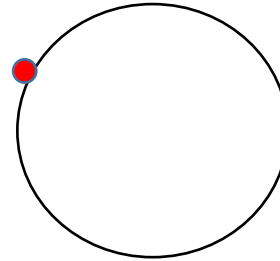
- Left Hand (Counter-Clockwise) Spin



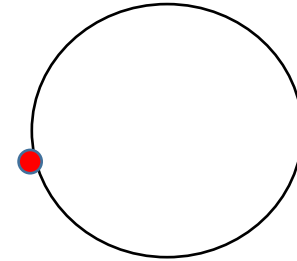
2 yrds



4 yrds

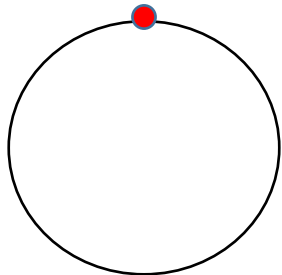


6 yrds

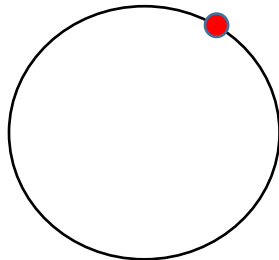


8 yrds

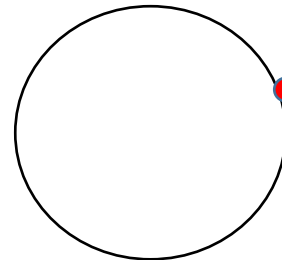
- Right Hand (Clockwise) Spin



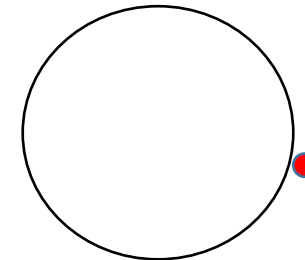
2 yrds



4 yrds



6 yrds

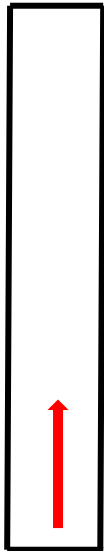


8 yrds

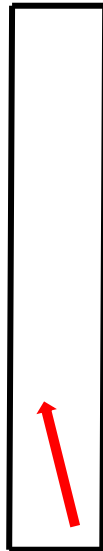
Arrow Clocking

The Result will Identify which Vane Offset to Use

Straight



Left Offset



Right Offset

