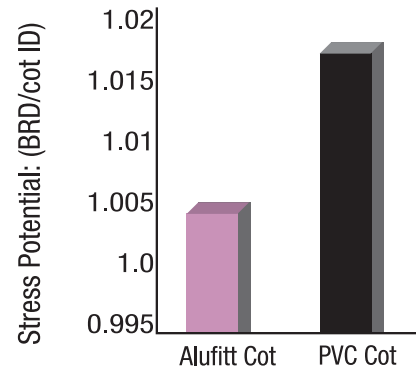
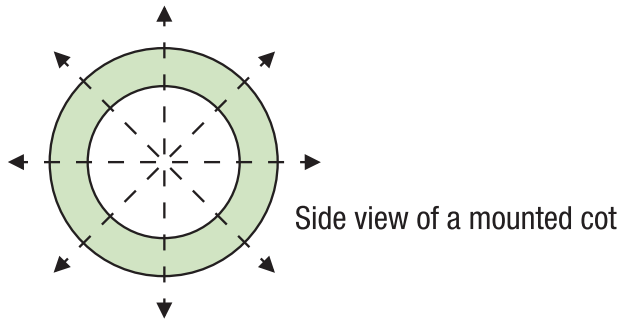


# Why spinners prefer Alufitt Cots...

## 1. Zero mounting stress (stress which is introduced while mounting a cot)



In Alufitt cots,  
Zero "Mounting stress" = Zero "Radial stress"  
= Zero "Initiation of surface cracks"

Higher the stress potential, greater will be the stress on mounted cot surface.

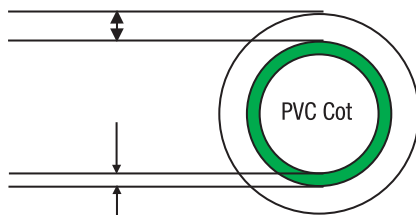
The dia. of the Aluminum core is 18.9 mm for a 19 mm arbour.

The dia of the PVC core is 18.65-18.7 mm for a 19 mm arbour.

1. Zero Initiation of surface cracks due to zero pre-stress in Alufitt cots.
2. Better yarn quality due to better "cushioning effect" of the rubber compound as a result of lower mounting stress
3. Zero growth rate of 'cuts' with Alufitt cots.

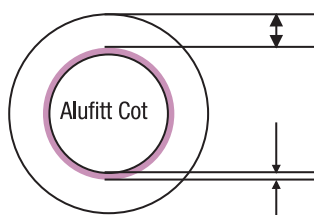
## 2. Higher "Cushioning effect" of cot

Avg wall thickness 3.5 mm



Avg core thickness = 2.0 mm

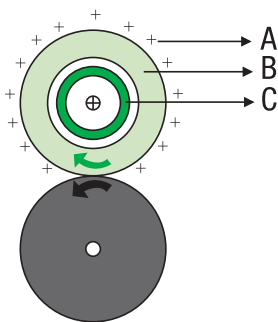
Avg wall thickness 4.5 mm



Avg core thickness = 1.0 mm

1. Better Yarn Quality & Consistency with Alufitt cots, even at reduced diameter, due to better fibre grip & control
2. Potential to extend the life of Alufitt cots by 2 grinding cuts due to higher rubber content.

## 3. Lower heat and static electricity build up on cot surface and higher dissipation



A - Static charge generated on cots surface.

B - Rubber compound has inherent characteristics to dissipate static electricity.

C - Heat & static charge are best dissipated by Alufitt cot core.

Better working, less clearer waste/lower loss of raw material in Alufitt cots as a result of minimum "fly" generation and liberation compared to PVC core cots.

### Alufitt vs PVC Core - At a Glance

Features	Alufitt	PVC
Expansion in OD	0.1 mm	0.3 mm
Pre-tension in Cot	Nil	Minimum
Occurrence of cot slippage	Nil	Minimum
Occurrence of Cot bursting	Nil	Minimum
Cushioning Effect	Excellent	Average
Heat & Static charge dissipation	Excellent	Average
Life	2 extra grinding cycles	