

Understanding Brush Dimensions

Brushes usually fit on collectors as per arrangement below.

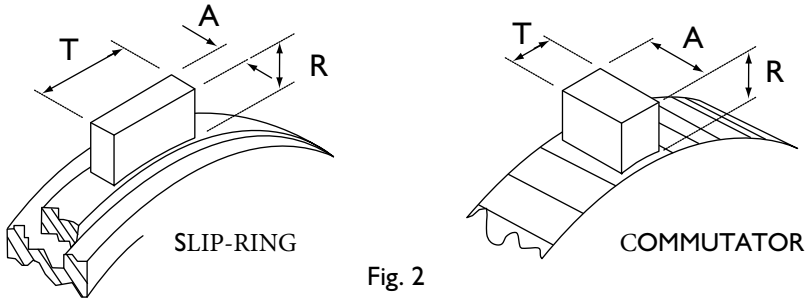
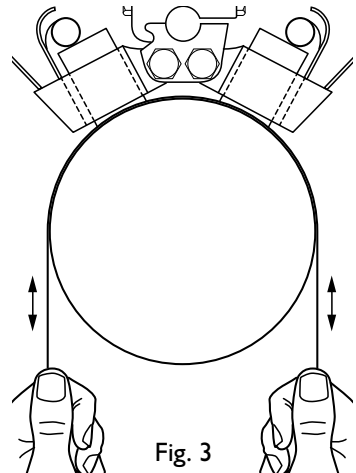


Fig. 2

T = Tangential A = Axial R = Radial To The Collector

Bedding Brushes

New brushes must be bedded to fit the collector over their whole area of contact. Abrasive cloth is drawn between the brush and collector until the brush assumes the correct curvature. It is important that the abrasive cloth is 'wrapped' around the collector as much as possible to ensure the correct curvature is imparted on the brush face. For radial or trailing brushes draw the cloth only in the same direction as the rotation of the collector. For reaction brushes the cloth should be drawn against rotation. Alternatively a bedding stone held against the rotating collector may be used.



After bedding, the holders and brushes must be thoroughly cleaned. Brushing and then followed by thorough vacuum cleaning to remove all debris.

Clearance

After bedding and cleaning, check that the brushes are free to move easily in their boxes. Morgan Advanced Materials brushes & holders are all manufactured to either IEC 136 or DIN 4300 tolerances.