

Proposed actions to attain the desired result with different brushing operations.

Increased result	Proposed action
Faster processing.	<ol style="list-style-type: none">1. Brush with larger diameter.2. Higher machine speed.3. Brush with coarser wire.4. Brush with shorter material (larger hub diameter).
Finer, brighter, smoother surface.	<ol style="list-style-type: none">1. Brush with finer wire.2. Brush with wider brush face.3. Brush with longer material (smaller hub diameter).
Improved processing of all parts on irregular surface.	<ol style="list-style-type: none">1. Brush with longer material (smaller hub diameter).2. Brush with narrower brush face.
Removal of burrs and other unevenness (weld joints) so they are not just worn down.	<ol style="list-style-type: none">1. Brush with coarser wire.2. Brush with shorter material (larger hub diameter).
Achieve a smoother result.	<ol style="list-style-type: none">1. Fixed machine instead of a portable machine, to avoid unevenness when processing by hand.

A large brush diameter gives a better effect and lower cost. Brushes with a short bristle length give a hard, fast working brush while a longer bristle length gives a softer brush which follows irregular surfaces.

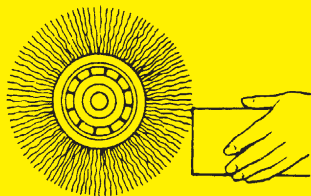
Speed and pressure

In order to get the right effect it is important to select the right speed and pressure. The rotation speed stated for each brush is the speed at which it can be used with full safety.

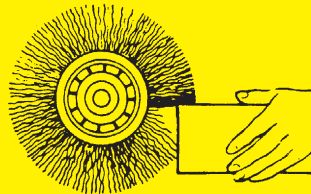
For most operations a lower speed than the maximum is more effective. Low speed and high pressure means a long life for the brushes, gives less heating of the

workpiece and demands less power. It is important to remember that it is the ends of the brush wires that do the work.

When very high pressure and high speeds are necessary to achieve a good result, it is better to use a harder brush. This should have increased wire diameter or short bristle length. Sometimes it can be appropriate to use another type of brush.



Right pressure



Too hard pressure