

# MARKALINE

## Wire Brush Tips

- 1 All **MARKALINE** brushes should be inspected before being used. Do not use brushes that are rusted or damaged.
- 2 **MARKALINE** brushes should not be exposed to heat, excessive humidity, fumes, acids or liquids that can result in the deterioration of wire filaments and lead to failure of the wire.
- 3 Maximum safe free speeds is the maximum RPM at which a wire brush should be operated at before applying work.
- 4 A **MARKALINE** wire brush is at its best when operated as near to the maximum operating speed with light pressure so that the tips of the bristles are making contact with the work. Excessive pressure will cause the bristles to bend and result in a wiping action rather than a cutting action. It also causes excess flexing which in turn causes wire breakage and will shorten the life of the brush.
- 5 Occasionally a **MARKALINE** wire brush will need conditioning. Periodically reversing the direction of brush rotation will maintain brush efficiency by a self sharpening action and increase brush life.
- 6 Check machine condition occasionally. It is essential that spindle speeds are maintained and the motor is not losing power while in operation.
- 7 **MARKALINE** Crimped wire brushes are made from hard drawn, high carbon steel. Used for light surface treatment and deburring operations.
- 8 **MARKALINE** Twist knot wire brushes are made from oil hardened and tempered high carbon steel. Used for extremely demanding applications. These are extremely aggressive and normally used for cleaning weld seams.
- 9 Always wear protective equipment when using **MARKALINE** wire brushes. Provide sufficient ventilation and extractors in dry dusty and toxic operations.
- 10 **MARKALINE** wire brushes are cutting tools. Always use with extreme care.
- 11 Follow the manufacturers safety precautions when operating machinery.