

# MANUFACTURER'S RECOMMENDATIONS FOR THE SAFE USE OF POWER BRUSHES.



Please strictly adhere to the following safety recommendations and instructions to ensure safe use of the tool.

## 1. Before Operation

- Brushes should be stored where they are protected against the following effects:
  - high humidity, heat, water, other liquids or aggressive medium that could cause damage to the brush
  - acids and vapours from acids
  - low temperatures, which could cause condensation on the brushes, causing oxidation of metal parts and filaments
  - deformation of any part of the brush
- Check the brush carefully before use, do not use any brush that is damaged in any way, shows any kind of rust or indication of chemical or mechanical change.
- Do not make any changes to the construction of the brush.
- Check that no loose material is on the brush face.
- Persons under the age of 16 years should not use brushing tools.

## 2. Preparation and Protective Equipment

Chipping material particles and/or particles of the brushes may cause injury. Eyes and sensitive skin areas must be protected in particular:



• **Appropriate safety gloves and shoes to be worn.**



• **Wear suitable protective clothing that protects arms and legs and general body areas (leather apron).**



• **Wear dust mask and eye and face protection.**

If hazardous or explosive dust, vapors or aerosols occur, do use additional equipment to clean the air at the workplace (e.g. with extraction systems, filter masks).

- Working areas to be properly screened off.

## 3. Mode of Operation

- Use brushes only on suitable machines and power tools.  
Tool holder = spindle diameter of driving unit.



• **Always operate the brush within the recommended maximum safe free working speed (MSFS).**

- Always establish the rpm of the machine or tool to be used. Ensure that the brush to be used is compatible with respect to speed.
- Check that the brush is secured and clamped correctly before operation.
- Check brush and clamping tool for possible defects before each operation.
- Always hold the driving unit against the direction of rotation of the brush.
- Always hold the drive unit in that way that sparks and loose particles fly away from your body.
- Take protective measures at the workspace (danger zone) against flying particles, dust and noise.
- Do not wear loose clothing or jewellery. Long hair should be protected with a hairnet.
- Workpiece supports facilitate handling. The distance between workpiece support and brush face should not be more than 3 mm.



• **Avoid excessive contact pressure. This reduces the efficiency of the brush and could cause premature wear.**

- **Keep your hands and face away from rotating tools.**
- Reduce contact pressure or rotational speed (if possible) when working at edges.
- Clamp workpiece securely.
- Avoid unintended starting of the brushing tool.
- Concentrate on the job in hand.
- Do not eat or drink at the workplace.
- Keep children away.

Additional safety recommendations and directives; refer to relevant national laws, regulations and standards.

**Please mind the safety instructions at: [www.osborn.de/safety](http://www.osborn.de/safety)**