



In.Motion Rotary Milling Tools

■ One-sided Milling Rings for bevelling, weld preparation & repair

The disc is used for bevelling, leveling of welds or general scrubbing e.g. root pass cleaning. Suitable materials are all non-ferrous metals such as Aluminum, Titanium, Copper, Brass, Carbon/ Fiberglass, plastics and wood. Milling discs are available in diameters of 3, 4 1/2 and 5 inch.

■ Double-sided milling disc for opening weld roots

These are used for opening butt- or fillet welds. Suitable materials are all non-ferrous metals, carbon / fiberglass, plastics and wood. Milling discs are available in diameters of 3, 4 1/2 and 5 inch.

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- **No explosion hazard from aluminum dust**

Chips are produced instead of dust what means a significant contribution to work safety.

- **No abrasive residues, no smearing**

Especially with aluminum no plastic-bonded abrasives may be used as they leave residues in the material that may cause weld defects like porosity or inclusions after rewelding. In using our milling disc weld defects are immediately visible and the smearing caused by grinding is avoided.

- **No stress in the material through overheating**

With milling the workpiece remains cold. Overheating is avoided.

- **Higher process efficiency**

through higher material removal rate and elimination of frequent tool changes due to product lifetime of minimum 300 in comparison to 30 minutes of a conventional flap disc

- **Angle Grinders – Specs**

Milling rings and double-sided milling rings can be used on standard angle grinders under the following conditions: electric or pneumatic driven, 13.000 rpm minimum minimum 1,500 watts of power

- **Resharpener of Milling Ring/Disc**

After an operating time of minimum 300hours our milling rings can be resharpened up to 7 times

- **Semi-automated Solution**

For effective leveling of welds a milling slide is available which provides a constantly high surface quality due to the adjustable distance.