



BOMA

Special cutting and grinding stones for the refractory, natural stone, and asphalt/concrete industries, and for material test laboratories.

Biting like poison!

Erlenstraße 25 · D-56659 Burgbrohl, Germany

Telefon +49 (0) 2636 809282

Mobile Karl Bous: +49 (0) 151 70125962

Mobile Marcell Bous: +49 (0) 178 4772011

marcell.bous@boma-schleifmittel.de

www.boma-schleifmittel.de

Speedpower-cleaning stones

For rotating current transmission. Available in the following types:

For slip ring bodies and collectors made of **copper and bronze**

Quality: **C46 Jot BA**

rough grain type for heavily soiled surfaces

Quality: **C 80 Jot BA**

middle grain type for lightly soiled surfaces/burnt in parts.

Quality: **C 220 Jot BA**

fine grain type for honing and leveling.

For slip ring bodies and collectors made of **steel / stainless steel**

Quality: **10A 46 Jot BA**

rough grain type for heavily soiled surfaces

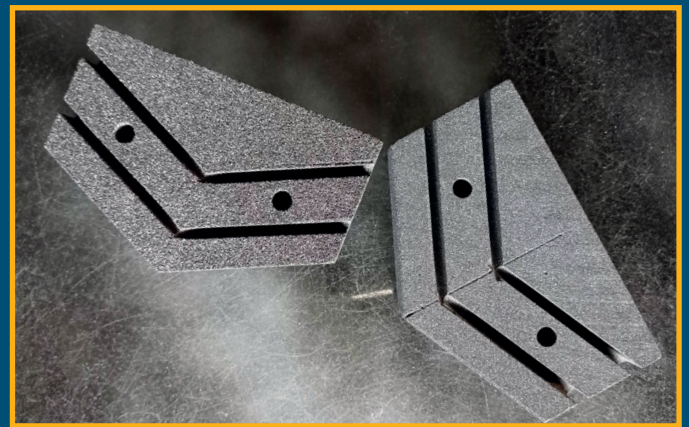
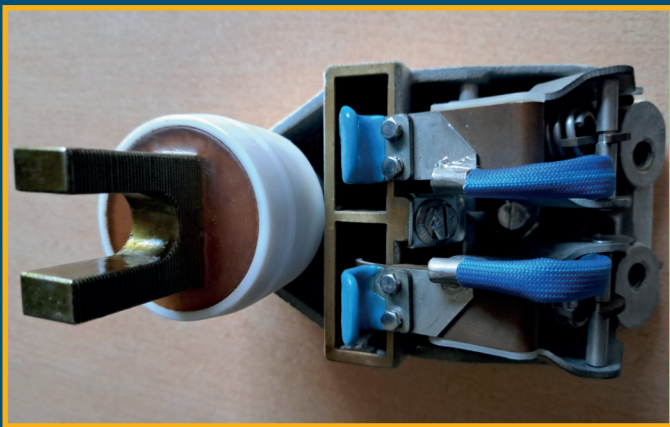
Quality: **10A 80 Jot BA**

middle grain type for lightly soiled surfaces/burnt in parts.

Quality: **10A 220 Jot BA**

fine grain type for honing and leveling.

The cleaning stones are usually placed in the holder of the carbon brushes. Depending on the design and position of the conductor rail, additional holders can be installed.



We manufacture all desired dimensions and shapes to fit into a wide variety of holders.



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Speedpower cleaning stones for rotating current transmission

Generally, the cleaning stones are used during regular maintenance. Depending on the degree of soiling, cleaning should be carried out more frequently.

Since slip rings in cable reels often exhibit significant contamination, it is recommended to use the cleaning stone with an additional single-arm holder and light pressure zones for continuous cleaning.

Especially for offshore wind turbines, the removal of oxidation is essential, as these severe contaminations can damage the collector ring to such an extent that it must be turned down or even replaced. The resulting downtime causes high costs and system failure.

It is advisable to remove the resulting grinding dust with a vacuum cleaner. Depending on the design of the slip ring, collector, or conductor rail, an additional holder for dust extraction can be installed.

Thanks to the special composition and bonding of the cleaning stones, the desired and optimal surface structure/roughness depth/Ra is achieved after just a few minutes. The correct roughness provides the carbon brushes with a good contact surface, ensuring optimal and satisfactory current transmission.

The correct roughness/Ra is achieved by finally using a cleaning stone with medium grit/execution C 80 or 10 A 80.

This also facilitates the adjustment of brush and ring radius. The patina forms quickly again, making the surface more even. The surface should be matte and never mirror-smooth.

So-called „rubber stones“ should never be used.

