

Instructions for use – mandrels for the RA angle piece

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Observe the instructions for use



Clean and sterilise before use

Scope:

Mandrels for mounting elastic burnishers, paper discs, nylon discs, diamond-coated discs, cutting discs, circular saws, felt rolls, sandpaper strips and brushes.

Cleaning / Sterilisation: (based on DIN EN ISO 17664)

Repeated correct reprocessing may minimally change the look and feel of the product; however, impaired functionality can be excluded.

Preparation:

- Disassemble multi-part instruments and secure individual parts against loss.
- Prior to the first and directly after every use pre-clean the instrument under running water by means of a synthetic brush (toothbrush)

Manual / automatic cleaning:

- Manual: Use a synthetic brush to clean the instrument under running water.
- Automatic: Ultrasound-based cleaning: Use suitable cleaning and disinfecting agents, see manufacturer's information.
- Rinse instruments under running water.

Disinfection:

- Select a product recommended for rotating instruments by the disinfectant manufacturer and disinfect. Choose the concentration and exposure time according to the instructions of the disinfectant manufacturer.

Rinsing:

- After disinfection, use distilled water to rinse the instruments.

Drying:

- Use a fresh clean, lint-free cellulose cloth or filtered compressed air.

Maintenance:

- Visual inspection for damage and cleaning residues, optical magnification (10-fold) is recommended for checking.

Sterilisation:

- Sterilise only with hot air or in the autoclave. Recommendation: Temperature 134°C, pressure 3 bar, exposure time 5 min., drying time 15 min.

Storage:

- Store instruments only in sterile packages that are proven to be suitable
- The mandrels must not be stored in a damp environment (corrosion). This applies also to stainless mandrels.

Safety instruction:

- Application by appropriately trained persons only.
- Visual inspection before every application.
- Always wear safety goggles.
- Mounted tools must not show unbalance, the mandrel could break otherwise. Adjust unbalanced tools at low speed before every use.
- Never exceed the speed recommended for the relevant item mounted (grinder, burnisher, etc.).
- Stop using damaged mandrels (e.g. galvanic coating damaged, screw cannot be tightened sufficiently, mandrel is unbalanced).
- Mandrels with screw are only intended for clockwise rotation (Exception: Mandrel with left-hand thread – only for counter-clockwise rotation).
- Use mandrels with screw only with a washer. Avoid excessive tightening of the bolt (danger of breaking).
- Avoid sudden change of speed.
- Work with moderate contact force (max. 3 N).
- Mandrels for angle piece (RA) exclusively may be used invasively.
- Invasively used mandrels must be made of stainless steel.
- RA and FG mandrels must always be constrained along the whole shaft length.
- Never mount larger or heavier tools than those indicated below.

Maximum permissible speed (revolutions per minute)

Item ref. no.	Discs with max. Ø 10 x 2 (< 1 g)	Discs with max. Ø 22 x 1 (< 1 g)	Discs with max. Ø 22 x 3 (< 3 g)	Moore- Discs max. Ø 15 (< 1 g)	Sand paper strips	RA-extension
303-11	30,000	-	-	-	-	-
303-12	30,000	-	-	-	-	-
303-13	30,000	20,000	10,000	-	-	-
303-14	30,000	20,000	10,000	-	-	-
304-09	30,000	20,000	10,000	-	-	-
304-10	30,000	20,000	10,000	-	-	-
304-25	20,000	-	-	-	-	-
308-10	-	-	-	-	15,000	-
313-02	-	-	-	20,000	-	-
313-06	-	-	-	20,000	-	-
313-03	-	-	-	10,000	-	-
313-04	-	-	-	10,000	-	-
350-01	20,000	-	-	-	-	-
320-13	-	-	-	-	-	10,000