

## Instrucions for use - mandrels for handpieces HP

Dorschel KG

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Pay attention to the instructions for use

### **Range of application**

Mandrels for holding burnishers, paper discs, nylon discs, diamond-coated discs, cut-off discs, sandpaper stripes and brushes

### **Sterilization**

All mandrels are non-sterile and designed for multiple use. They must be cleaned and sterilized prior to each use. The manufacturer recommends sterilization with hot air or autoclaving at 134°C temperature, 3 bar pressure for 5 minutes. Devices must be dried for a minimum of 15 minutes. Store to maintain sterility until used. Care must be taken that no parts are lost or misplaced during reprocessing.

### **Security and storage instructions**

- Always wear protective glasses.
- Stop using damaged mandrels ( e.g.: damaged galvanic coating, screw cannot be tightened adequately, mandrel does not run true)
- Use mandrels with screw only for right-hand rotation and always with a washer.
- Operate with moderate pressure ( max. 3 N).
- Make sure that the tool is well-balanced to prevent the mandrel from breaking. Balance unbalanced tools under low speed before operation.
- Avoid sudden changes in rotational speed.
- Do not exceed the speed which is recommended for the specific tools (grinder, burnisher, etc.)
- Only mandrels for angle piece (RA) are allowed to be used invasively. For patient safety, they should be made of surgical stainless steel.
- Secure RA and FG mandrels over the entire length of the cylinder/shank.
- Do not use the mandrels with larger and / or heavier tools than those listed below.
- The mandrels should not be stored in a humid environment ( corrosion ). This is also valid for rustless mandrels.
- These mandrels shall only be used by well-qualified personnel

### Maximum permissible revolutions per minute

#### Mandrells

REF	max. removing length of work piece	discs to max 10 x 2 mm	discs to max. 22 x 1 mm	discs to max. 22 x 3 mm	discs to max. 38 x 1 mm	Moore-Discs to max. 15 mm	polisher to max. 7 x 25 mm length
330 104 603 391 030	25 mm	20.000	-	-	-	-	-
312 104 610 415 050	25 mm	-	-	-	-	-	10.000
312 104 604 391 080	25 mm	15.000	15.000	10.000	5.000	-	-
312 124 604 391 080	25 mm	15.000	15.000	10.000	5.000	-	-
312 104 604 391 050	25 mm	20.000	20.000	10.000	-	-	-
312 104 610 414 050	25 mm	-	-	-	-	-	10.000
312 104 615 421 060	25 mm	-	-	-	-	20.000	-