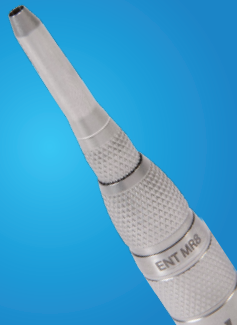


ENT MR8™

High Speed Drill Quick Reference Guide



Medtronic

ENT MR8™

High Speed Drill
Quick Reference Guide

COMPONENTS

A. Angled Attachment

B. Straight Attachment

C. Angled Variable Exposure

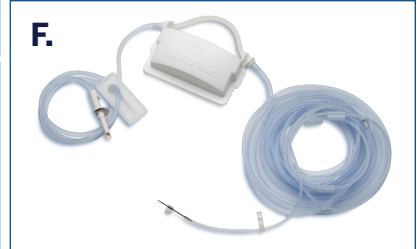
Attachment (optional)

D. Straight Variable Exposure

Attachment (optional)

E. Motor

F. Irrigation Tubing Set

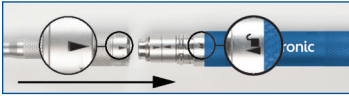


IPC™ SYSTEM AND IRRIGATION ASSEMBLY



1. Align red dots and plug in A or B port
2. Insert irrigation cartridge
3. Ensure tubing is centered and not clamped

INSTALL STRAIGHT ATTACHMENT AND BUR



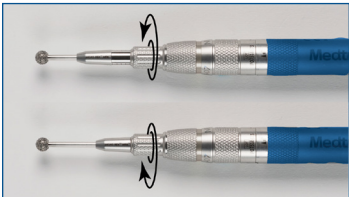
1. Slide the straight attachment over the motor collet, aligning the arrows on the attachment and motor case. When the attachment is fully seated, you should hear (and feel) a click.



2. Insert the bur into the straight attachment with a slight rotation (twist). When the bur is fully seated, you should hear (and feel) a click.



3. Rotate the straight attachment in the direction indicated by the arrow until the alignment mark lines up directly with the “locked” symbol. When the attachment is fully seated — and the collet brake fully released — you should hear another click.

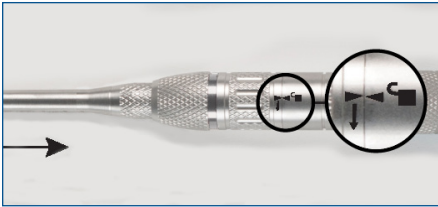


4. Gently pull on the bur to ensure it is locked into the motor.

(Optional for Variable Exposure Attachments)

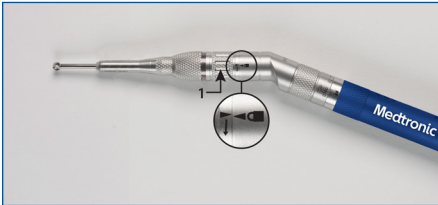
5. After assembly, twist the rotatable dial to the right to extend/retract the tube sleeve to adjust the exposure of the bur. The adjustable range is 8 mm with depth indicator marks placed approximately every 2 mm.

INSTALL ANGLED ATTACHMENT AND BUR



1. With the bur lock in the unlocked position, insert a bur into the angled attachment with a slight rotation (twist). When the bur is fully seated, you should hear (and feel) a click.

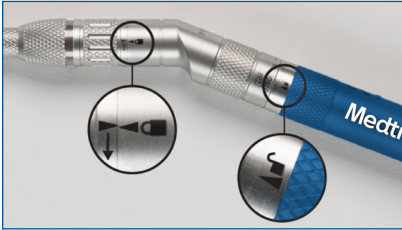
2. Rotate the bur lock/unlock sleeve in the direction indicated by the arrow until the alignment mark lines up directly with the "locked" symbol.



3. Gently pull on the bur to ensure it is locked into the motor. Note: The bur should rotate freely. If it does not, unlock the attachment, re-seat the bur, and re-lock the attachment.

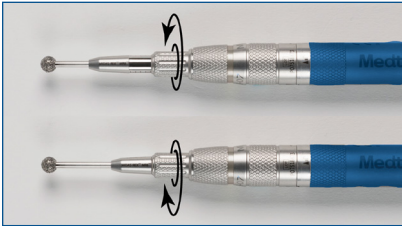
(continued on next page)

INSTALL ANGLED ATTACHMENT AND BUR (CONT.)



4. Slide the angled attachment over the motor collet, aligning the arrows on the attachment and motor case. When the attachment is fully seated, you should hear (and feel) a click.
5. Rotate the attachment in the direction indicated by the arrow until the alignment mark lines up directly with the “locked” symbol. When the attachment is fully seated — and the collet brake fully released — you should hear another click.
6. Verify that both alignment marks (for the motor and bur lock) are lined up directly with the “locked” symbols

(Optional for Variable Exposure Attachments)



7. After assembly, twist the rotatable dial to the right to extend/retract the tube sleeve to adjust the exposure of the bur. The adjustable range is 8 mm with depth indicator marks placed approximately every 2 mm.

IRRIGATION



- 1.** Clip irrigation tip onto grooves of distal end of attachment.
- 2.** Clip irrigation onto body of attachment.
- 3.** Adjust clip as needed. The irrigation tip is malleable.

Refer to product package insert for instructions, warnings, precautions, and complications.

TROUBLESHOOTING

COMMON ISSUES	POSSIBLE CAUSE	RECOMMENDATIONS
Motor is too hot to touch/hold	Inadequate cool down period following sterilisation	Motor must be allowed to cool down following steam sterilisation
	Attachment transferring heat to the motor.	Switch attachments to determine whether the heat is being generated by the motor or the attachment.
Motor does not run	Cables not properly connected	Ensure motor and foot control cables are properly connected.
	Attachment not properly installed and locked onto the motor.	Remove and reinstall the attachment and bur to ensure proper installation.
	Aging of attachment.	Contact Medtronic Customer Service.
	Improper cleaning.	
	Use of reprocessed burs.	
Difficulty removing bur from attachment	Incorrect cleaning or sterilisation of the motor collet	Check that appropriate cleaning procedures are being followed.
	Attachment or tube is unclean due to improper cleaning procedures	Check that appropriate cleaning procedures are being followed.
Attachment has uncomfortable temperature to touch or hold.	Inadequate irrigation	Ensure adequate irrigation to surgical site

For a complete troubleshooting guide, see IFU or contact your local Medtronic representative.

Rx only. Refer to product instruction manual/package insert for instructions, warnings, precautions and contraindications.

For further information, please contact your local Medtronic representative.

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