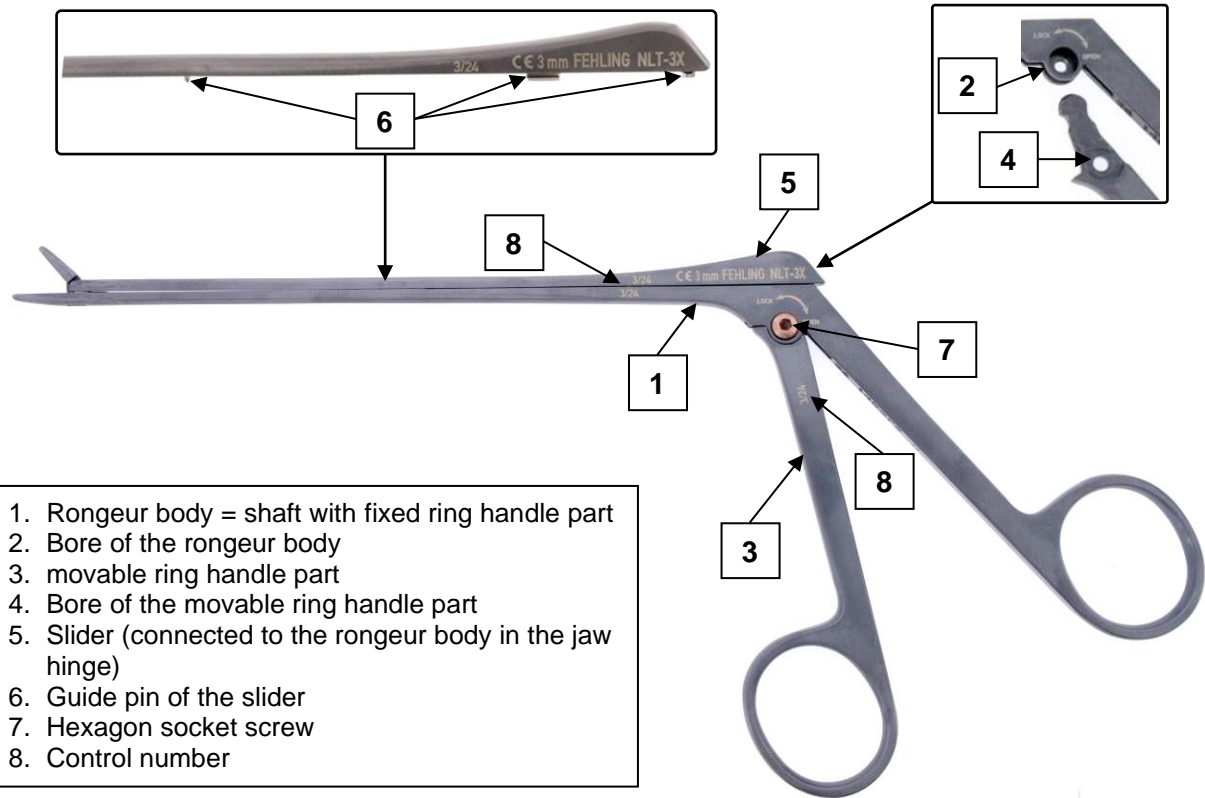


CERAMO® RONGEURS – RING HANDLE WITH SCREW

1) Components / basis for explanation

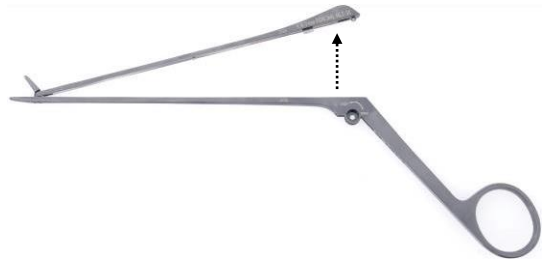


2) Disassembly

1. Place the rongeur on a fixed work surface for disassembly. Use the TXW-1X screwdriver (alternatively sterilizable TXW-2X screwdriver) to unscrew the hexagon socket screw (7) clockwise and remove it from the screw hole.
2. With the rongeur mouth closed, pull the movable ring handle part (3) downwards out of the rongeur body (1).
3. Pull the slider (5) until it stops in the direction of the fixed ring handle part of the rongeur body (1) until the mouth is completely open. Then release the guide pins of the slider (6) upwards from the guide rail of the rongeur body (1).



4. Fold the slider (5) upwards to gain sufficient distance between the slider (5) and the shaft of the rongeur body (1). In doing so, it must be ensured that the mouth is completely open. Clean the rongeur in this position.



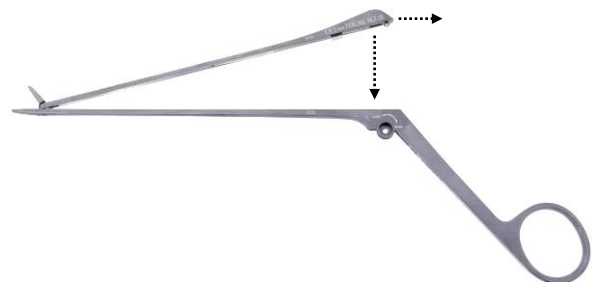
The slider (5) is firmly connected to the shaft of the rongeur body (1) by the joint of the mouth. Lateral displacement of the slider (5) in the open position leads to deformation or breakage of the hinge or the guide pin of the slider (6).

3) Assembly

1. The rongeur body (1) and the movable ring handle part (3) bear an identical control number (8), for example 3/24. Only instrument parts with the same control number (8) may be assembled. The hexagon socket screws (7) are universally suitable for all detachable rongeurs with ring handle and screw.



2. Lower the slider (5) onto the shaft. The slider (5) must be pulled back in the direction of the ring handle so that the mouth is opened to the maximum. Only in this way can the guide pins of the slider (6) be inserted into the guide rail of the shaft at the correct position.





The proximal guide pin must be inserted at the outermost end of the guide rail (see detail figure: top – guide pin, bottom – receptacles in the shaft).

- Press the slider (5) onto the shaft of the rongeur body (1) and then push it until it stops in the direction of the mouth until it closes.




- With the mouth still closed, push the movable ring handle part (3) into the rongeur body (1). It should be ensured that the bores of the movable ring handle part (4) and the rongeur body (2) lie precisely one above the other.
















- Then insert the hexagon socket screw (7) into the hole and use the screwdriver to fully screw it in counterclockwise without applying force.



- The assembled instrument is now ready for use again after a functional test.

	<ul style="list-style-type: none"> • These hexagon socket screws have a left-hand thread. Please pay attention to the direction of rotation when loosening and closing the hexagon socket screws. • Do not use force during the loosening and closing of the hexagon socket screw, as no force is required. Forced turning of the screw damages the hexagon socket profile. • If damage to the hexagon socket profile or the screwdriver profile can be detected, please immediately replace the hexagon socket screw and screwdriver or have them replaced by the manufacturer. • The TXW-1X screwdriver can be washed with cold water and a mild cleaner. It is not suitable for cleaning in hot water or steam sterilization at 134°C.
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Symbols		
<p>Insofar as depicted on the medical device or medical device label or instructions for use or assembly instructions, the symbols according to DIN EN ISO 15223-1 have the following meanings:</p>		
 Manufacturer	 Consult instructions for use or consult electronic instructions for use	 Warning
 Catalogue number	 Batch code	 Serial number
 Medical device	 Unique device identifier	 CE marking
 Oil can for lubricating points	 CE marking	

Manufacturer contact	
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 CE marking	