

Instructions for Use:

Reference:

Koros Osteo Punch Rongeurs

Consists of the following:

	Qty	Size
Complete unit with 7" shaft length.		
7375-40	Osteo Punch Rongeur	0.6 mm x 40 tip
7375-41	Osteo Punch Rongeur	1 mm x 40 tip
7375-42	Osteo Punch Rongeur	2 mm x 40 tip
7375-43	Osteo Punch Rongeur	3 mm x 40 tip
7375-44	Osteo Punch Rongeur	4 mm x 40 tip
7375-90	Osteo Punch Rongeur	0.6 mm x 90 tip
7375-91	Osteo Punch Rongeur	1 mm x 90 tip
7375-92	Osteo Punch Rongeur	2 mm x 90 tip
7375-93	Osteo Punch Rongeur	3 mm x 90 tip
7375-94	Osteo Punch Rongeur	4 mm x 90 tip



Figure 1:

The Koros Osteo Punch Rongeur is a technical innovation in bone surgery instrumentation. Precision machines, it has been carefully inspected for quality workmanship and repeatedly tested for optimum performance.

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Patented.

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Cleaning and Sterilization of the Koros Osteo Punch Rongeur

- Blade assembly can be removed when a more extensive cleaning is needed.
- Use hospital grade instrument cleaners only.
- Thoroughly flush instrument with clean water.
- Ultrasonic cleaning is recommended.
- Medical grade metal lubricant or mineral oil may be used on sliding and rotating parts.
- Steam or gas sterilize as per sterilizer equipment instructions.
- Do not use saline or sterilizing solution.
- Keep instrument in Koros instrument rack to prevent damage to the cutting edges.

Recommended & Validated Sterilization:

Method: Pre-vacuum
 Polypropylene KC600 wrap (equivalent to two layers CSR wrap).
 Steam Sterilizer compliant to AAMI ST8 standards.
 Temperature: 270 deg F (132 deg C)
 Exposure Time: 4 minutes
 Drying Time: None
 (Sterility assurance level (SAL) of $\leq 10^{-6}$)

CAUTION: Handles are designed to be used with matching cutting blade sizes only. They are marked for size. Avoid using smaller shafts in larger handles as this will damage both the cutting edge and shaft. Note larger shaft sizes cannot be inserted properly into a handle marked for a smaller size.

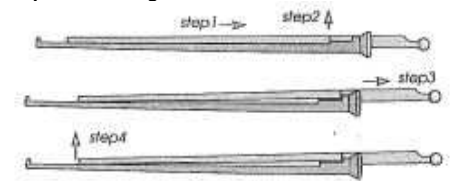
*Should a noticeable loss of cutting efficiency be detected return the instrument to Koros for reconditioning.

To Remove Blade Assembly from Handle:



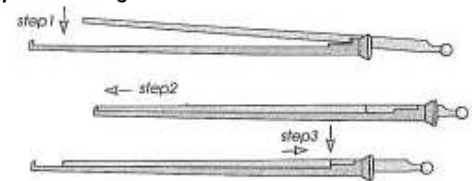
- Step 1. Pull back hinge to open shaft chamber.
- Step 2. Tilt forward and eject shaft by pushing it through.

Disassembly of Cutting Blade:



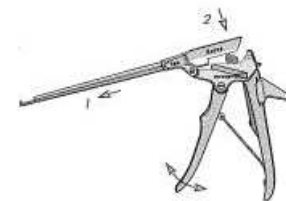
- Step 1: Pull back sliding portion of the blade.
- Step 2: Lift it slightly by ball end. Lifting must be minimal to prevent misalignment.
- Step 3: Pull sliding portion of blade all the way back.
- Step 4: Lift out of track.

Assembly of Cutting Blade:



- Step 1: Hold the sliding portion of blade by the ball end. Line up the tracks in the extreme open position and insert the T-bar of the sliding portion in the blade track.
- Step 2: Push the sliding portion all the way forward.
- Step 3: Pushing the ball end down, pull back on the sliding portion to stop.

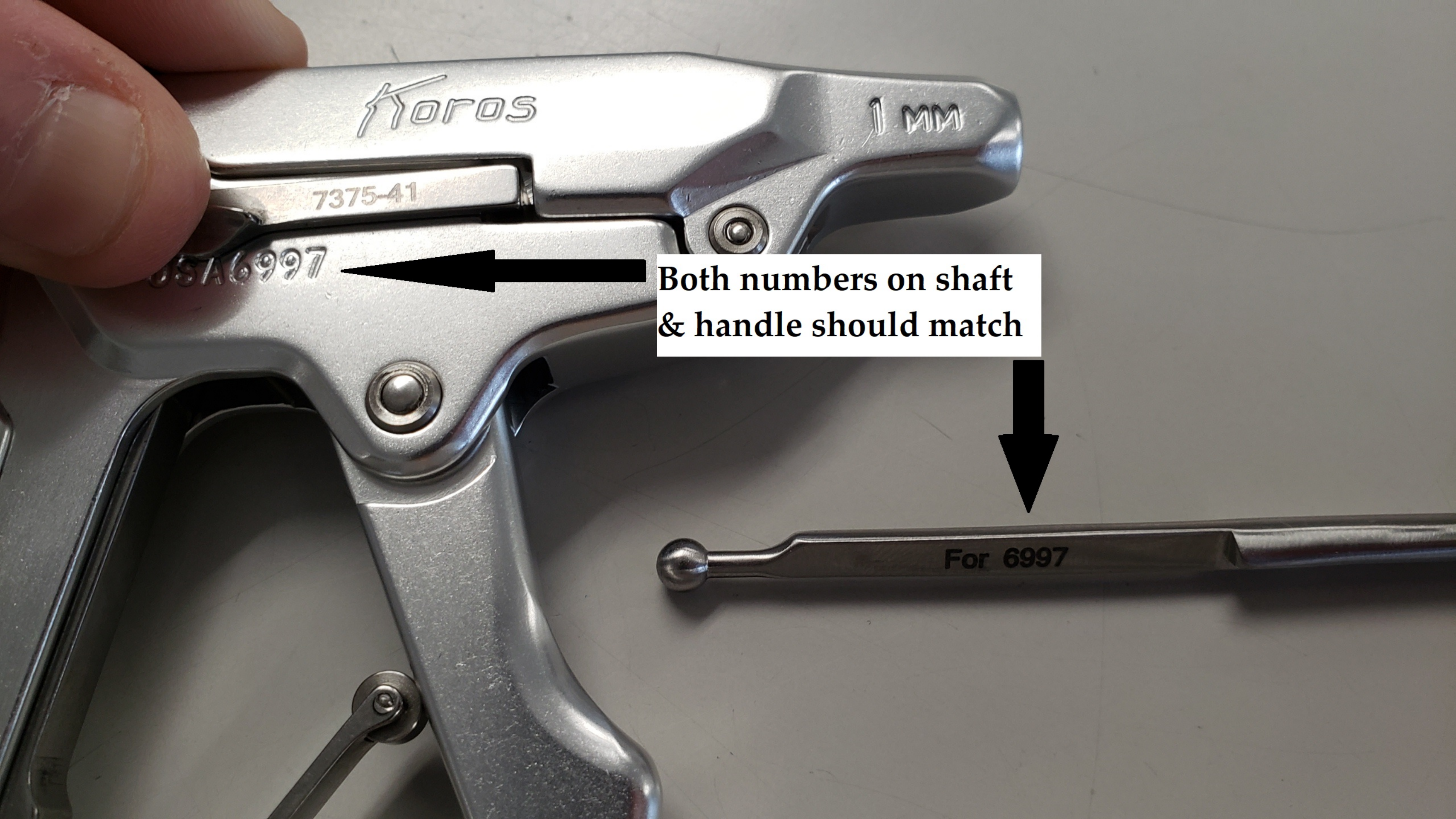
Assembly of Handle:



- Make sure blade and handle sizes match.
- Push the sliding portion of the blade all the way forward and push the ball end down pull back until it stops.
- Insert the blade into the open shaft chamber and pull all the way through.
- Close shaft chamber assuring ball end of blade engages trigger socket hole, move trigger to help align if necessary.
- Check if instrument is working properly.

**Both pieces of shaft
should match like
this**





Koros

1 MM

7375-41

USA 6997

**Both numbers on shaft
& handle should match**

For 6997

319 L

1 mm

This number should
match size on handle

