

## Robotic Arm Instrument Card

**EN - INTENDED USE:** Key Surgical® Robotic Arm Instrument Cards provide a mounting surface to hold and maintain position of the robotic arm during the sterilization process.

**PRECAUTION:** Single use only; reuse may lead to patient cross contamination.

**WARNING:** Robotic Arm Instrument Cards are generic components available for use in a total / final package solution. End use and effectiveness liability resides with the end-user. Robotic Arm Instrument Cards shall be used in conjunction with a sterile barrier.

**CONTRAINDICATIONS:** No known contraindications and/or adverse effects.

### INSTRUCTIONS FOR USE:

- Does not need to be cleaned or disinfected before use.
- Convert flat pattern Robotic Arm Instrument Card into a 3D structural state by folding left most flap and right most flap 180° to achieve 3D state. Note that provided score lines indicate where to make folds. Figure 1A and 1B show a before & after conversion of the Robotic Arm Instrument Card from a flat state to a 3D state.

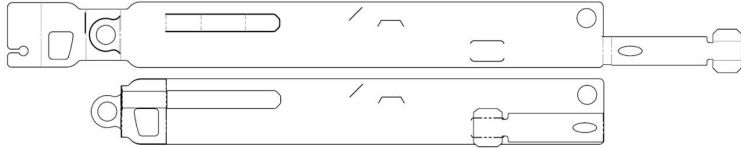


Figure 1A (top) / 1B (bottom): Convert Flat Pattern Robotic Arm Instrument Card into a 3D Structural State

- Prepare Folded Backer Card for Robotic Instrument Assembly. Figure 2 identifies the features described below.
  - Insert the two (2) Right Side Locking Tabs into the two (2) tab receiving slots at the right side the Robotic Arm Instrument Card. This will form a small pocket.

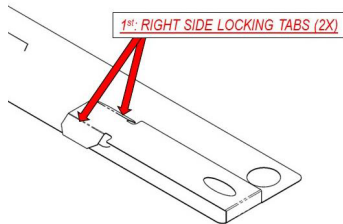
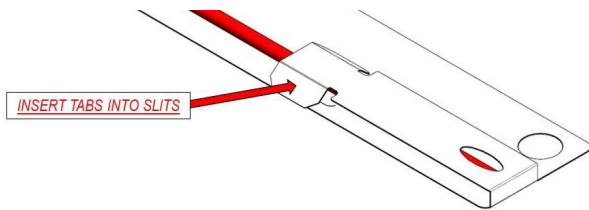


Figure 2: Prepare for Robotic Arm Instrument Card Assembly

- Place Robotic Instrument onto Robotic Arm Instrument Card (Figure 3).
  - Feed shaft into the formed pocket at the right side of the card and insert tabs into slits.
  - Position body of Robotic Instrument flat on card so that the left side of the Robotic Arm Instrument Card can finish assembly.



- Tuck Robotic Instrument Head into Left Side Folds of Robotic Arm Instrument Card (figure 4).

- Fold Down Left-Hand Flap to block in Robotic Instrument Head.
- Position Keyhole Eyelet around Robotic Instrument Shaft.
- Wrap Belt Around Robotic Instrument Head and Tuck into Slot

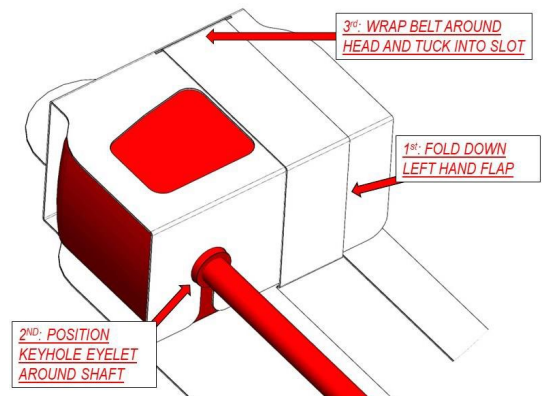


Figure 4: Left Side Robotic Instrument Head Assembly

- Fold up Folding Flap Finger Ring (Figure 5)
  - Figure 5 shows the Folding Flap Finger Ring in the product removal position
  - Note the secondary Flat Finger Ring at the opposite end of the Robotic Arm Instrument Card

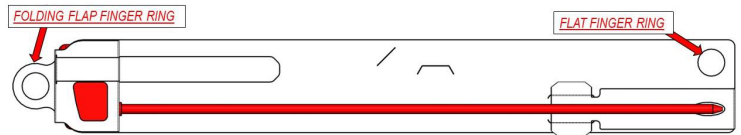


Figure 5: Finished Assembly

- Package the completed Robotic Arm Instrument Card within sterile packaging device.
- Single use and can be sterilized only once.

**STERILIZATION:** Evaluated for sterilization compatibility and found to be compatible with the following parameters:

Steam Sterilization		
Cycle Type	Temperature	Minimum Time –Full Cycle
Pre-Vacuum	132°C (270°F)	4 minutes
Pre-Vacuum	135°C (275°F)	3 minutes
Gravity	132°C (270°F)	15 minutes
EtO Sterilization		
Concentration	759 mg/L	
Temperature	55°C (131°F)	
Exposure Time	60 minutes	
Humidity	40-80%	

It remains the responsibility of the processor to ensure that the processing, as actually performed using equipment, materials and personnel in the processing facility, achieves the desired result. This requires verification and/or validation and routine monitoring of the process.

**STORAGE:** Robotic Arm Instrument Cards should be kept in dry conditions at indoor room temperature. Robotic Arm Instrument Cards should be stored in original packaging or in an equivalent clean barrier to maintain cleanliness.

**DISPOSAL:** Dispose after use according to facility protocol. Do not reuse.

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