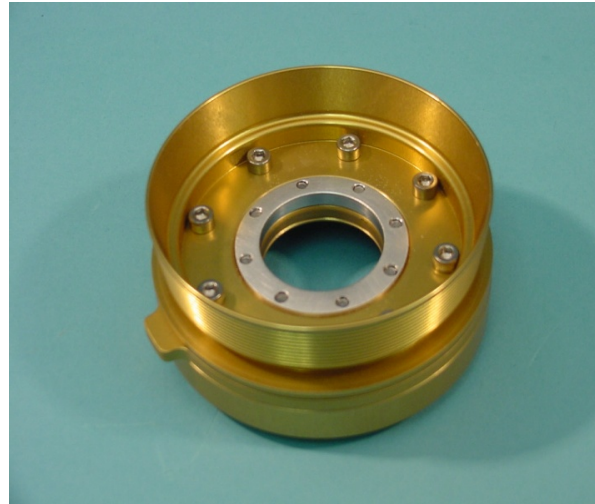


# Locking Humeral Rotator

- For Boston Digital Arm Systems
- Also for body-powered elbows
- 340 degrees humeral rotation
- Locks every 15 degrees
- Low profile; just 1½" high
- Light weight; 170 grams
- Ball-bearings for smooth rotation
- Simple release lever or cable release
- Includes lamination collar



Liberating Technologies, Inc. announces the new exoskeletal lamination collar with a Locking Humeral Rotator for use with Boston Digital Arms and body-powered prosthetic elbows. This new lamination collar enables the user to release the humeral lock to achieve internal and external humeral rotation. Once unlocked, the joint freely rotates to one of 24 locking positions. Detents are provided to help the user locate the locking positions for easy lock engagement. Once locked, the humeral rotator resists the torsional forces commonly found in trans-humeral and shoulder-level prosthesis. Ball bearings have been used to provide free and smooth humeral rotation when the joint is unlocked.



When used with the Boston Digital Arm, this new humeral rotation locking adds just ½" (12mm) to the overall height of the lamination collar assembly. As in the previous lamination collar design (BE302), this system can easily be separated from the socket by releasing the clamp ring at the base of the collar. This allows clinicians to disassemble the prosthesis for fabrication and servicing.

For body-powered prosthetic elbows, the humeral rotator lock comes with a mounting plate with a ⅜ clearance hole in the center for attaching the (Hosmer) prosthetic elbow.

Rev 7/7/2013

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