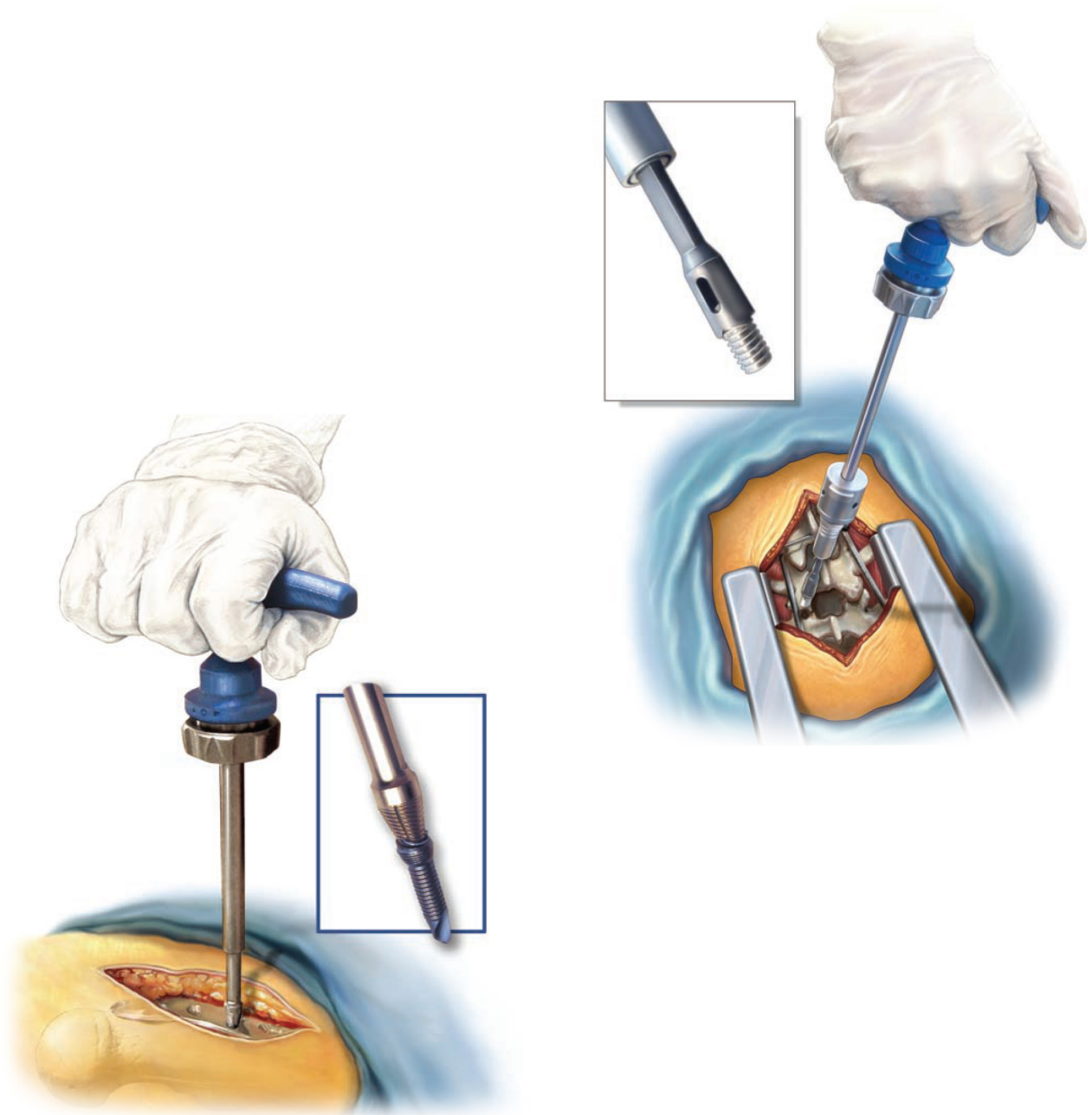


# Xtract-All<sup>®</sup> SCREW

Universal Broken & Stripped Screw Extraction System



**SHUKLA MEDICAL<sup>®</sup>**

Universal Orthopedic Extraction Technologies

# Universal Stripped and Seized Screw Extraction System



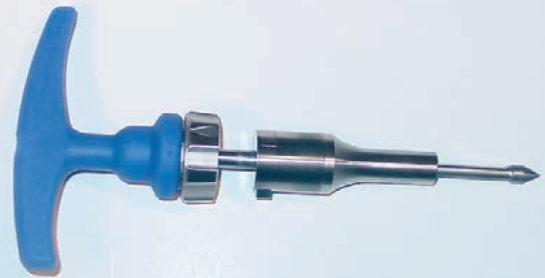
**Step 1** - Select an extractor size that the threads on the tip of the extractor will capture the side walls of the screw socket but will not bottom out.



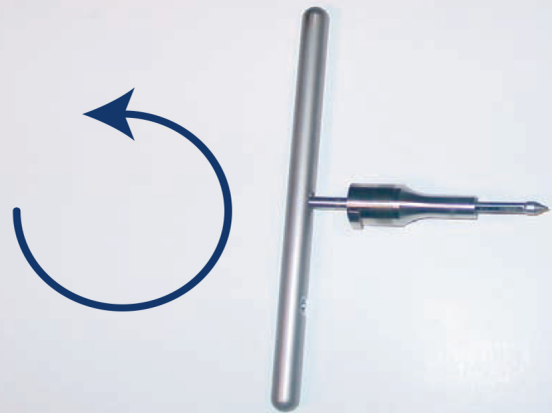
**Step 2** - Push the button to “unlock” the sleeve on the extension driver of chosen length, retract the sleeve and install the tip until it bottoms out. Release the sleeve and push the button to “lock” the tip inside the sleeve.



**Step 3** - Select and install the handle. The breaker bar handle should be used for seized (fused) screws or in cases where large torques are required. The ratcheting handle should be used for all other stripped screw removal procedures.



**Step 4** - Set the tip of the extractor into the socket of the stripped screw and **TURN THE HANDLE COUNTER CLOCKWISE**. If using the ratcheting T-handle, turn the sleeve on the handle in the correct direction for counter clockwise locking of the extractor. The extractor will bite into the screw and then back the screw out of the bone or plate with continued torquing.



**Step 5** - After the screw has been removed, dispose of the screw and extractor tip. Extractor tips are **single use only**.



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# Universal Broken Screw Extraction System



**Step 1** - Select an extractor tip so that the tip of the extractor will fit over the shaft of the broken screw without the screw shaft touching the bottom of the extractor.



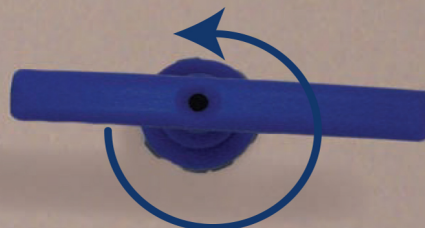
**Step 2** - Install the tip into the selected extension driver. Slide the lock on the extension driver over in order to lock the tip securely to the driver.



**Step 3** - Select and install the T-Handle by snapping it into place on the end of the extension driver.



**Step 4** - Set the extractor tip over the shaft of the broken screw and **TURN THE HANDLE COUNTER CLOCKWISE**. The extractor tip will cut into the screw and then back the screw out of the bone.



**Note:** Care should be taken to align the extractor with the screw and to avoid side bending as this can result in breakage of the tip.

**Step 5** - After the screw has been removed, dispose of the screw and extractor tip. **Extractor tips are not reusable.**



## SHUKLA MEDICAL®

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151 OLD NEW BRUNSWICK ROAD  
PISCATAWAY, NJ 08854  
732.474.1700

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<p>Emergo Europe Molenstraat 15 2513 BH, The Hague The Netherlands</p>	<p>MKS1022</p>	<p>Shukla Medical 151 Old New Brunswick Road, Piscataway, NJ 08854 U.S.A. 1(888)-4SHUKLA www.shuklamedical.com</p>	<p>CONSULT INSTRUCTIONS FOR USE</p>	<p>NON STERILE PRODUCT</p>			