

2 Universal Broken, Stripped and Seized Screw Extraction System

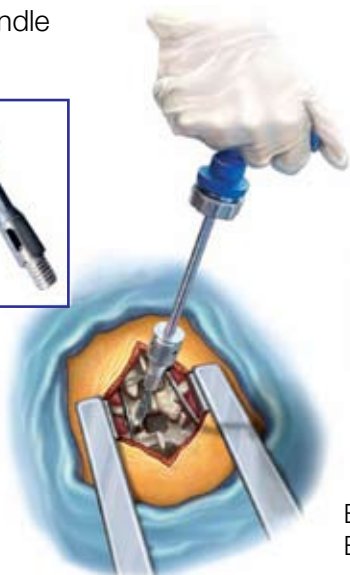
The SHUKLA™ systems are the leading screw extraction systems available on the market today. Unlike many competitor systems the **Broken, Stripped & Seized System** is a truly universal system capable of removing any manufacturers screws, from M2 to M8, giving the surgeon complete flexibility during trauma or revision surgery.

Removes:

- M2 to M8 Size Broken & Stripped Screws
- Cold Weld (fused) Stripped Screws
Capable of applying over 250 in-lbs of Torque

Attachments include:

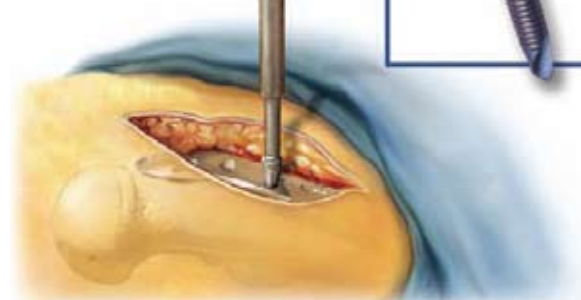
- 48 Extractors
- 3 Extensions
- Breaker Bar
- Jacobs Chuck Attachment
- Ratcheting T-Handle



Broken Screw Extraction System



Stripped and Seized Screw Extraction System



2. UNIVERSAL BROKEN, STRIPPED & SEIZED SCREW EXTRACTION SYSTEM

Surgical Technique Guide

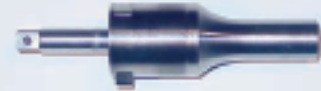
Stripped & Seized Screw Extraction System



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.



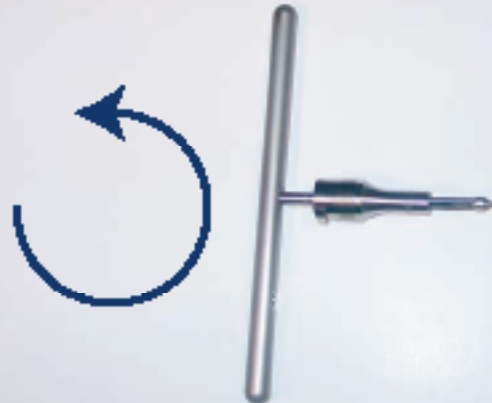
Step 2 - Push the button to 'unlock' the sleeve on the extension driver of chosen length, retract the sleeve and install the tip until it bottoms out. Release the sleeve and push the button to 'lock' the tip inside the sleeve.



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 extractor tip. Extractor tips are **single use only**.



Book your Demonstration - Contact our CUSTOMER SERVICE TEAM
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2. UNIVERSAL BROKEN, STRIPPED & SEIZED SCREW EXTRACTION SYSTEM

Surgical Technique Guide

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.**



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2. UNIVERSAL BROKEN, STRIPPED & SEIZED SCREW EXTRACTION SYSTEM CASE CONTENT

Universal Broken, Stripped & Seized Screw Extraction System



Kit: MKS 1022, Case: CA145, Lid: CA146

MKS 1022

BROKEN, STRIPPED & SEIZED BONE SCREW EXTRACTION SYSTEM

No.	Part Number	Description	Units	Single Use
1	TP341-M01	Extractor tip for 2.0-2.5 mm Broken Screw	4	•
2	TP342-M01	Extractor tip for 2.5-4.0 mm Broken Screw	4	•
3	TP343-M01	Extractor tip for 3.5-5.0 mm Broken Screw	4	•
4	TP344-M01	Extractor tip for 4.5-6.0 mm Broken Screw	4	•
5	TP345-M01	Extractor tip for 5.5-7.0 mm Broken Screw	4	•
6	TP346-M01	Extractor tip for 7.0-8.0 mm Broken Screw	4	•
7	TP347-M01	Extractor tip for 2.0-2.6mm Stripped Screw Head Recess	4	•
8	TP348-M01	Extractor tip for 2.5-3.5mm Stripped Screw Head Recess	4	•
9	TP349-M01	Extractor tip for 3.5-4.5mm Stripped Screw Head Recess	4	•
10	TP350-M01	Extractor tip for 4.5-5.5mm Stripped Screw Head Recess	4	•
11	TP351-M01	Extractor tip for 5.5-6.5mm Stripped Screw Head Recess	4	•
12	TP352-M01	Extractor tip for 6.0-7.0mm Stripped Screw Head Recess	4	•
13	MMI1152-M01	4" Extension Driver	1	
14	MMI1153-M01	6" Extension Driver	1	
15	MMI1154-M01	8" Extension Driver	1	
16	CA145	Case, Stripped and Seized Screw Removal System	1	
17	CA146	Lid, Stripped and Seized Screw Removal System	1	
18	CA139	Caddy, Stripped and Seized Screw Removal System	1	
19	CA140	Caddy Lid, Stripped and Seized Screw Removal System	1	
20	CA143	Caddy, Broken Screw Extraction System	1	
21	CA144	Caddy lid, Broken Screw Extractor System	1	
22	HD233-M01	Asymmetric Cannulated Ratcheting T-Handle	1	
23	AD120-M01	Power Drill Adaptor	1	
24	HD239/MO1	Breaker Bar	1	
25	HD239/MO1	Stripped Screw Extractor Breaker Bar	1	