

## Fractured Screw Removal Kit Technique Guide

### Broken Screw Removal

- Helps To Remove Broken Screws Without Damaging The Implant
- Includes Centering Guides To Fit Any Implant System



Place Guide On Implant. Hold Using Stabilizing Handle.

Insert Drill Into Implant Handpiece.

Set Motor To **REVERSE** At 1,000-1,250RPM & 50-70Ncm Torque.



Drill In **REVERSE** Using "Up & Down" Motion To Prepare 1-2mm Deep Dimple Into Top Of Broken Screw.

**IMPORTANT:** Use External Irrigation To Minimize Heat.



Use Suction To Remove Metal Shavings.

Then Insert Tap Into Implant Handpiece

Set Motor To **REVERSE** At 70-80RPM & 50-70Ncm Torque



Insert Tap Into The 1-2mm Dimple In The Top Of The Broken Screw.

Use The Tap In **REVERSE** To Remove Broken Screw.



Broken Screw Removed

### Kit Cleaning

Needs to be cleaned and thoroughly dried before sterilized. Should be washed with a non-corrosive, low sudsing neutral detergent. Cleaning can be accomplished by ultrasonic or automated cleaning, which is preferred to minimize the opportunity of sharps injuries due to hand scrubbing. Manufacturer does not suggest the use of any abrasive brushes or materials to clean.

### Kit Sterilization

#### Steam Autoclave

- 15 Minutes At 273°F / 134°C (15psi)
- Use Of Hard Water May Leave Deposits
- Do Not Use Closed Containers
- Dry at Least 10 Minutes

# Fractured Screw Drill Guide Compatibility Chart

Guide	Implant System
<b>External Mini</b>	Hiossen US
	Megagen ExFeel External Hex
	Nobel Biocare Branemark System NP
	Steri-Oss HexLoc 3.25
	Steri-Oss Replace SD
	Sterngold-Implamed NP

External Regular	Implant System
	3i Cylindrical 4.0
	3i Osseotite Miniplant 3.75
	3i Osseotite
	Nobel Biocare Branemark System Mk III and Mk IV
	Nobel Biocare Branemark System Mk III Groovy
	IMZ HexHead 3.3 and 4.0
	Intralock 3.75 and 4.0
	Keystone Restore
	Lifecore Sustain
	Megagen ExFeel External 4.0
	Nobel Biocare Branemark System RP 4.1
	Steri-Oss Hex-Loc 3.8 and 4.5
	Steri-Oss Replace MD
	Steri-Oss Replace WD
	Sterngold Swede-Vent 3.75

Hex Submerged	Implant System
	Astra Osseospeed TX 4.5/5.0
	Dentium Internal Hex
	Hiossen SS and GS
	Lifecore Stage 1
	Megagen ExFeel Internal Hex
	NeoBiotech Internal Hex
	Nobel Biocare NobelActive
	Straumann ITI Bone Level

Guide	Implant System
<b>Octa Internal</b>	Implant Direct SwishPlant
	Implant Direct SwishPlus
	Straumann ITI Tissue Level
	Zimmer SwissPlus

TSV 3.7/4.1	Implant System
	BioHorizons Tapered Internal 3.7 and 4.7
	BioHorizons Tapered Internal Plus 3.7 and 4.7
	BioHorizons Tapered Tissue 3.7 and 4.7
	BioHorizons Single-Stage 3.7 and 4.7
	BlueSky Bio Internal Hex 3.5 and 4.5
	BlueSky Bio Molar 3.5 and 4.5
	Implant Direct SwishPlant 3.7
	Implant Direct SwishPlus 3.7
	Implant Direct Legacy (3.7 and 4.7 internal hex)
	MIS 3.5 and 4.5 platform
	Zimmer TSV 3.7, 4.1 and 4.7
	Zimmer Bio-Vent SD and MD
	Zimmer Core-Vent SD and MD
	Zimmer Micro-Vent SD and MD

Tri-Lobe	Implant System
	Implant Direct RePlant 3.5
	Implant Direct RePlus 3.5
	Implant Direct ReActive 3.5
	Nobel Biocare Tri Lobe Systems

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