

# SPEED™ Memory Implant Technique Overview

Instructions for Speed™ Memory Implants When Using DK-200, DU-200, DK-265, or DU-265 Drill Kits



1

Determine the correct Implant size by using the BME SPEED™ X-Ray Template or intraoperatively using the BME Continuous Compression Implant Sizing Guide (SG-1) to measure the fusion site.



2

Open the chosen Implant Kit and its corresponding Drill Kit. Connect the Drill Guide Tip, located in the Implant Kit, to the Drill Guide Handle located in the Drill Kit.



3

While ensuring full reduction, place the Drill Guide Assembly across the fusion site with both prongs touching bone. Drill the first hole using the Drill Bit provided in the Drill Kit until the positive stop is reached.



4

Insert a Pull Pin into the first hole and, while ensuring full reduction, repeat step 3 to create the second hole.

**Optional: Insert another Pull Pin into the second hole. The Drill Guide Assembly can be removed leaving the Pull Pins in place to mark the position of the drill holes. If desired, create a 1.0-1.5mm trough in line with the two drill holes so that the implant can be recessed.**



5

Remove the Insertion Tool containing the SPEED Memory Implant from the Implant Package. Remove the Pull Pins from the pre-drilled holes and align the tips of the legs of the SPEED Memory Implant parallel with the drill holes.



6

Insert the SPEED Memory Implant as far as possible into the predrilled holes.

**Note: To ensure proper implant placement, fluoroscopy may be used prior to releasing the implant.**



7

Press the distal third of the central button with thumb while simultaneously twisting the insertion tool until disengagement has been verified.

Additional implant disengagement options:

- Press button with thumb to release.
- Twist Insertion Tool in either direction to release.



8

Align the supplied Tamp with the bridge of the implant and use as needed to completely seat the implant.



9

Repeat steps 1-8 for each additional implant used.

**Tip: If implants are placed at 90 degrees to each other, stagger them to ensure unobstructed insertion. If a second implant is placed with the bridge in close proximity to another, insert the implant with the open side facing the first Implant. This allows unobstructed release of the Implant from the Insertion Tool.**



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**REMOVAL:** 1. Expose the site and bridge of the implant. 2. Using forceps, grasp the center of the implant and remove. If the implant is recessed, then use an elevator to lift the implant bridge and then use forceps to remove the implant. If solidly connected, straight implants can be removed by cutting the center of the bridge of the implant and removing the remnants with an elevator.

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The above steps are an overview of the surgical technique. Complete information regarding indications, contra-indications, warnings, care and caution can be found in the Instructions For Use.