



**Medtronic**

SOFAMOR DANEK

**BOOMERANG™**

VERTE-STACK™ PEEK Vertebral Body Spacer

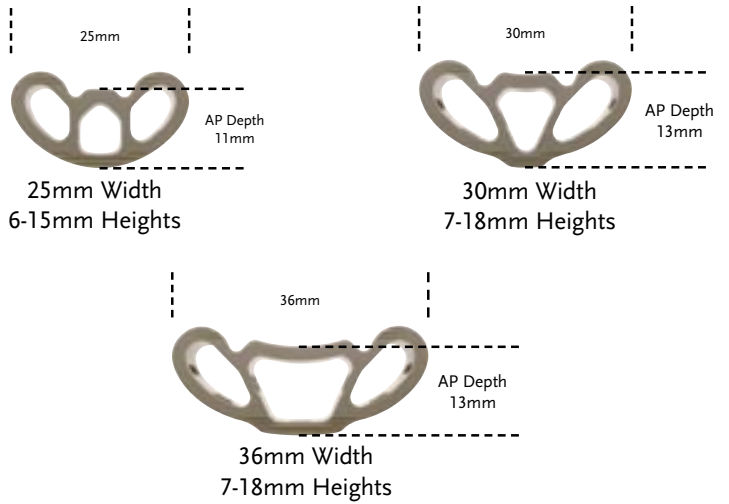


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**BOOMERANG™**  
**Design Features**

- PEEK material
- 25mm, 30mm and 36mm width
- 6mm to 18mm heights
- Anatomical shaped (convex surfaces in both saggital and coronal plane)
- 7° lordosis
- Radiographic markers
- Large surface area to reduce subsidence
- Large area for bone graft
- Multiple Inserter attachment options

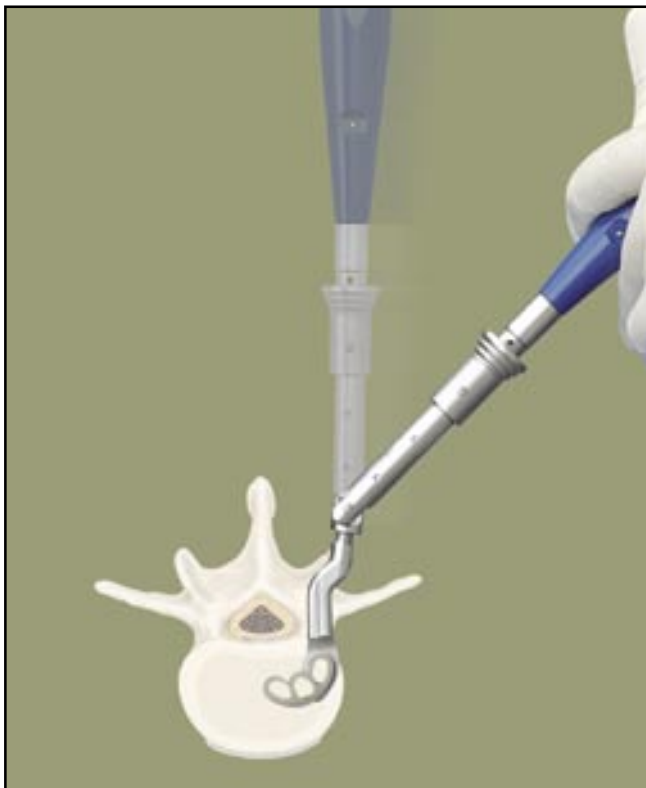




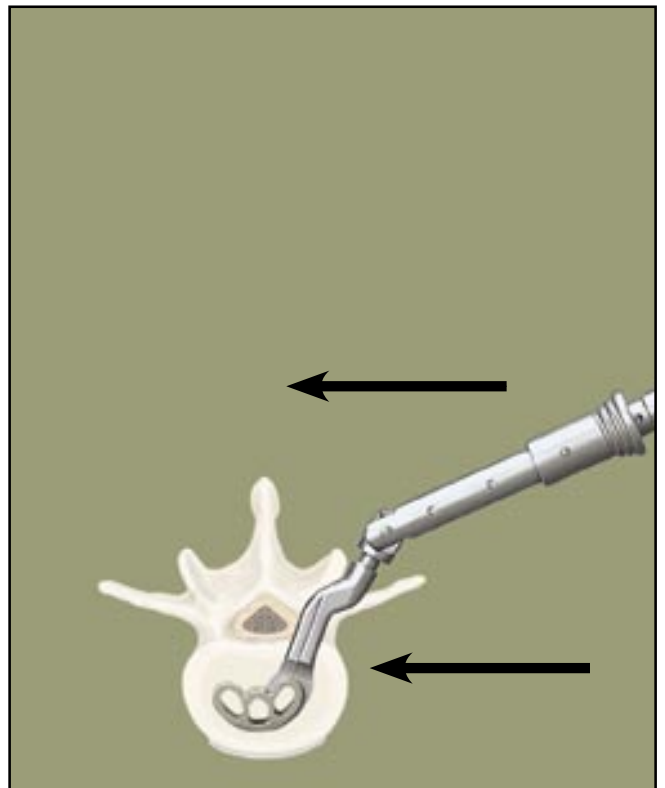
**STEP 1** Attach the appropriate sized BOOMERANG™ Implant to the Inserter by placing the Implant into the “Claw” on the Inserter and tighten with the Screwdriver.

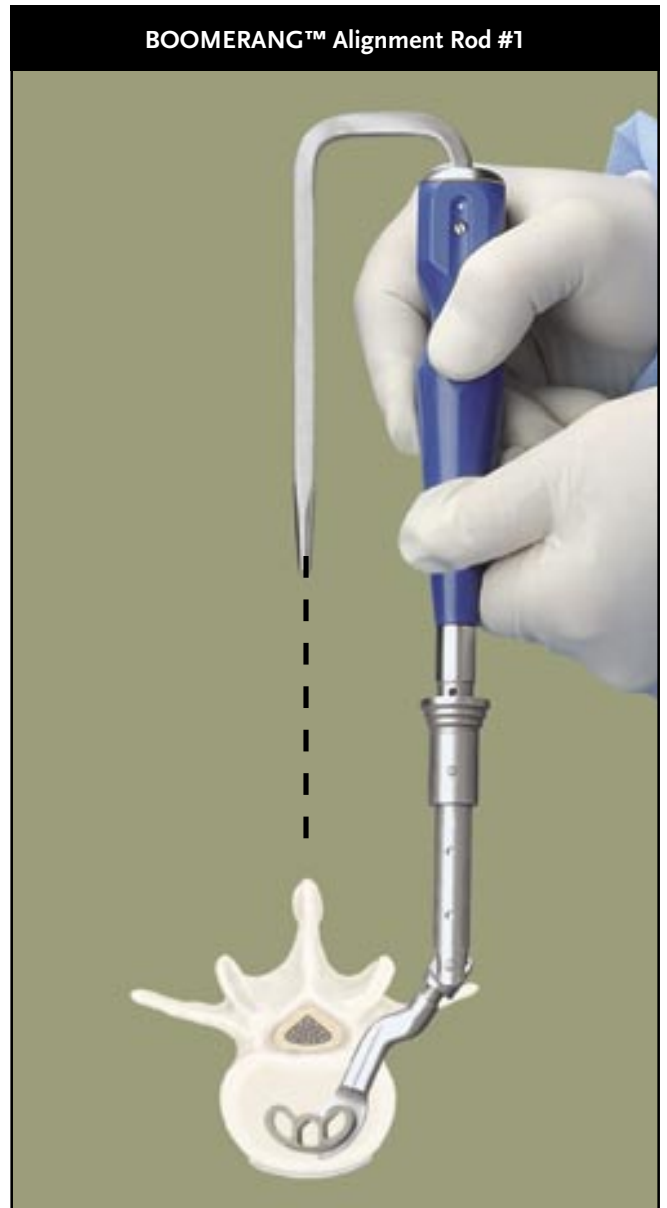
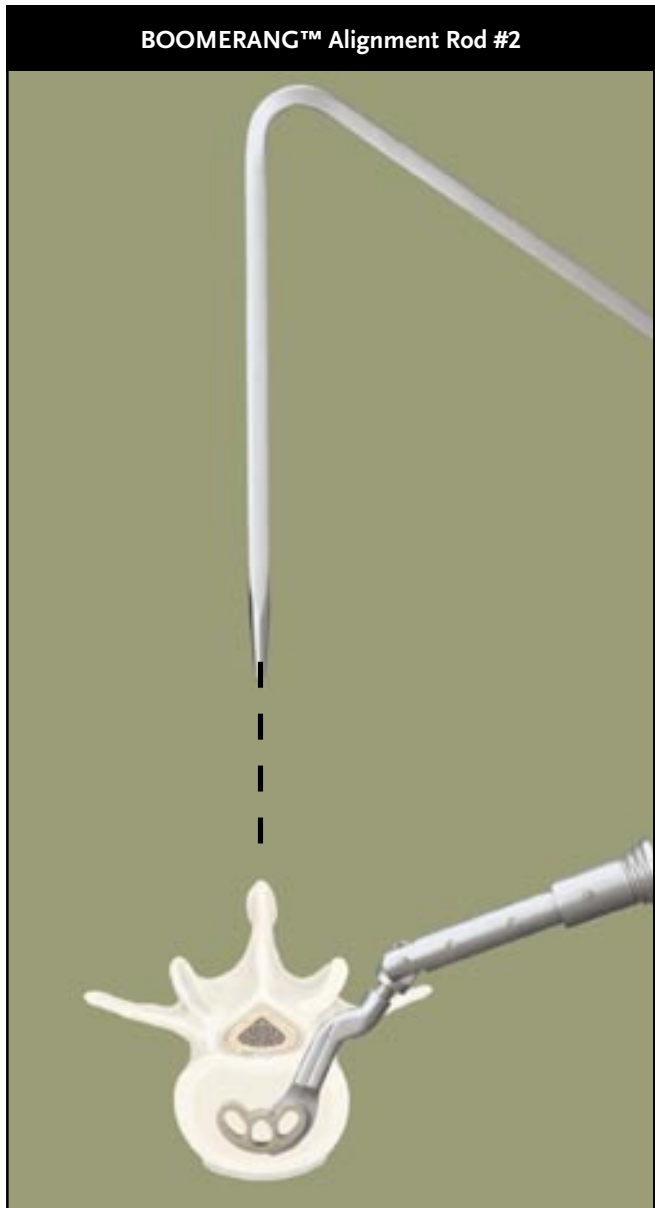


**STEP 2** Use the Inserter, in combination with the Pusher, to begin insertion of the BOOMERANG™ Implant into the vertebral body.



**STEP 3** Rotate the Inserter Handle to the “second position” and impact BOOMERANG™ Implant across the vertebral body.





**STEP 4** Use the Alignment Rods to verify the final position of the BOOMERANG™ Implant. Once final position has been verified, remove the Inserter using the Screwdriver.

**NOTE:** Step 2 and Step 3 may be reversed based on patient anatomy.

## PEEK Material Advantages

### Radiolucency

- Easier visualization of bone growth
- No scatter or artifact with CTs and MRIs

### Biocompatibility

- Long history of usage
  - Dental Implants
  - Heart Valves/Stents
  - Artificial Joints
  - Finger Implants
  - Spinal Implants

### Strength

- Offers greater impact resistance
- High ultimate strength
- High fatigue strength

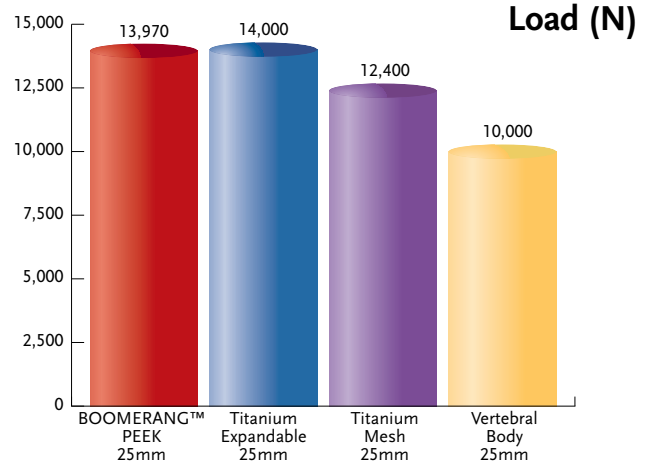
### Wear Resistance

- ZERO wear debris was generated during fatigue testing

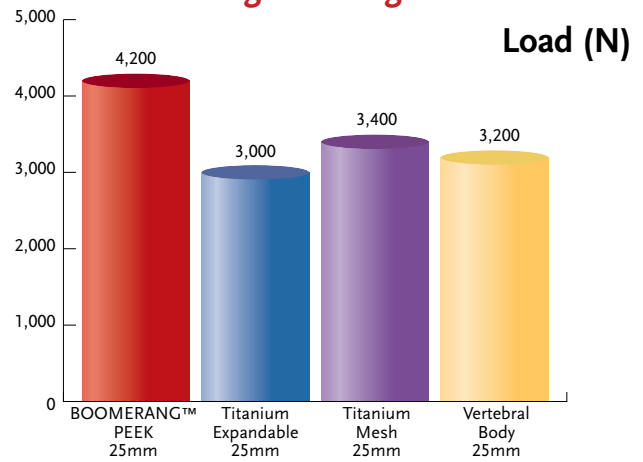
### Modulus of Elasticity

- MOE between cancellous and cortical bone
- Ideal load sharing implant

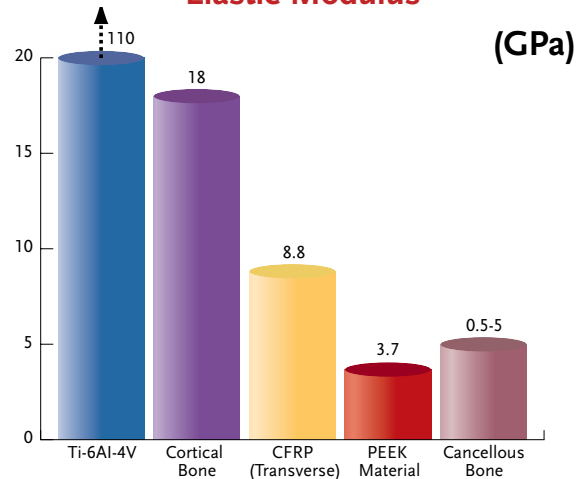
### Ultimate Strength



### Fatigue Strength



### Elastic Modulus



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