

FORZA XP
EXPANDABLE SPACER SYSTEM

Expandable Spacer System



Titanium Alloy Expandable

FORZA[®] XP
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The FORZA[®] XP Expandable Spacer System offers titanium alloy expandable interbodies for Posterior Lumbar Interbody Fusion (PLIF) and Transforaminal Lumbar Interbody Fusion (TLIF) procedures. After insertion into the disc space, the interbodies can be expanded to fit the patient anatomy. Unlike many competitive expandables that trade off graft space in order to stay within the limits of their expansion design, FORZA XP has a large graft window and affords the user the ability to pack the graft window in situ while retaining its expansion capability.

Minimized insertion height

- Helps reduce nerve root retraction
- Less impaction force due to smaller implant insertion

Controlled continuous expansion[†]

- Not incremental like some competitors

In situ expansion

- Allows disc height restoration and an optimized fit

Automatic locking

- Height stability without an extra locking step

Anatomic profile

- Optimal fit within vertebral endplates*

Inserter stays in place for insertion, expansion and graft material post packing

- Fewer passes by nerve root with instrumentation

Placement of bone graft after expansion

- Able to fill the graft window space with implant in situ

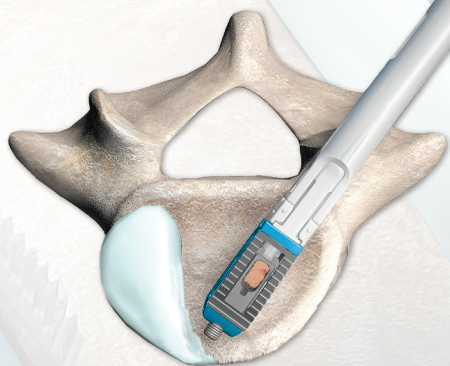
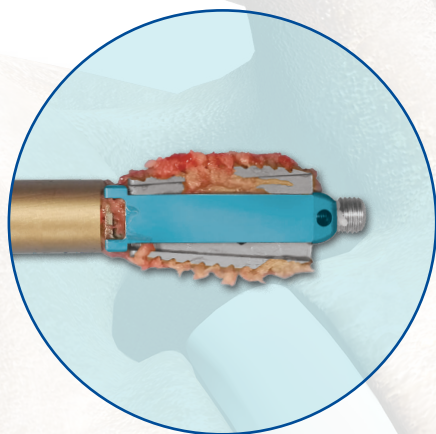


*Note: 6.5mm implants do not have anatomic endplates.

†Controlled expansion up to 3mm.

Instrumentation

FORZA XP instrumentation is designed for efficient and reliable placement of the FORZA XP spacer and packing of the graft window post expansion.



Implants

The implants come in three families with different sagittal angulations when expanded:

- **Non-Lordotic:** 0° to 5°
- **Lordotic:** 7° to 12°
- **Hyperlordotic:** 15° to 23°
- 6.5mm, 8.5mm, 10.5mm, and 12.5mm (optional) starting heights
- Up to 3mm of continuous expansion depending on implant type used
- All implants have anatomic endplates with the exception of the 6.5mm non-lordotic and lordotic starting heights
- 10mm Width
- 24mm and 28mm Lengths

Note: Many optional implants are not stocked and have a minimum 12 week lead time.

Implants

| Part # | Description | Qty |
|---------------------|----------------------------|-----|
| Non-Lordotic | | |
| 28-2140 | 6.5mm H x 10mm W x 24mm L | 2 |
| 28-2142 | 8.5mm H x 10mm W x 24mm L | 3 |
| 28-2144 | 10.5mm H x 10mm W x 24mm L | 3 |
| 28-2180 | 6.5mm H x 10mm W x 28mm L | 2 |
| Lordotic | | |
| 28-3140 | 6.5mm H x 10mm W x 24mm L | 2 |
| 28-3142 | 8.5mm H x 10mm W x 24mm L | 3 |
| 28-3144 | 10.5mm H x 10mm W x 24mm L | 3 |
| 28-3180 | 6.5mm H x 10mm W x 28mm L | 2 |
| 28-3182 | 8.5mm H x 10mm W x 28mm L | 3 |
| 28-3184 | 10.5mm H x 10mm W x 28mm L | 3 |

Optional Implants

| Part # | Description |
|-----------------------|----------------------------|
| Non-Lordotic | |
| 28-2146 | 12.5mm H x 10mm W x 24mm L |
| 28-2182 | 8.5mm H x 10mm W x 28mm L |
| 28-2184 | 10.5mm H x 10mm W x 28mm L |
| 28-2186 | 12.5mm H x 10mm W x 28mm L |
| Lordotic | |
| 28-3146 | 12.5mm H x 10mm W x 24mm L |
| 28-3186 | 12.5mm H x 10mm W x 28mm L |
| Hyper-Lordotic | |
| 28-4142 | 8.5mm H x 10mm W x 24mm L |
| 28-4144 | 10.5mm H x 10mm W x 24mm L |
| 28-4146 | 12.5mm H x 10mm W x 24mm L |
| 28-4182 | 8.5mm H x 10mm W x 28mm L |
| 28-4184 | 10.5mm H x 10mm W x 28mm L |
| 28-4186 | 12.5mm H x 10mm W x 28mm L |

Instruments

| Part # | Description | Qty |
|---------|------------------------------|-----|
| 28-1101 | Implant Inserter | 2 |
| 28-1003 | Implant Remover | 1 |
| 28-1004 | Implant Remover Driver | 1 |
| 28-1006 | 6.5mm H x 10mm W Trial | 1 |
| 28-1008 | 8.5mm H x 10mm W Trial | 1 |
| 28-1010 | 10.5mm H x 10mm W Trial | 1 |
| 28-1021 | Axial Torque Limiting Handle | 1 |
| 28-1023 | Funnel | 1 |
| 28-1027 | Slap Hammer | 1 |
| 28-1102 | Stabilizer Driver, 24mm | 2 |
| 28-1103 | Stabilizer Driver, 28mm | 2 |
| 28-1104 | Driver Adapter | 2 |
| 28-1124 | Funnel Plunger | 1 |

Optional Instruments

| Part # | Description |
|---------|-------------------------|
| 28-1012 | 12.5mm H x 10mm W Trial |

Note: Many optional implants are not stocked and have a minimum 12 week lead time.

FORZA Discectomy Case 89-0031

| Part # | Description | Qty |
|-----------------|---|-----|
| Top Tray | | |
| 89-0300 | Anatomic Rasp | 1 |
| 89-0301 | Flat Rasp | 1 |
| 89-0303 | Curved Rasp | 1 |
| 89-0600 | Nerve Root Retractor, 70° | 1 |
| 89-0601 | Nerve Root Retractor, 90° | 1 |
| 89-0602 | Malleable Nerve Root Retractor | 1 |
| 89-0650 | 2mm Pituitary Rongeur - Straight Biting | 1 |
| 89-0651 | 2mm Pituitary Rongeur - Up Biting | 1 |
| 89-0652 | 4mm Pituitary Rongeur - Straight Biting | 1 |
| 89-0653 | 4mm Pituitary Rongeur - Up Biting | 1 |

Middle Tray

| | | |
|---------|--------------------------------|---|
| 89-0372 | #0 Curette Straight- Serrated | 1 |
| 89-0373 | #1 Curette Straight- Serrated | 1 |
| 89-0376 | #0 Curette Up- Serrated | 1 |
| 89-0377 | #1 Curette Up- Serrated | 1 |
| 89-0380 | #0 Curette Down- Serrated | 1 |
| 89-0381 | #1 Curette Down- Serrated | 1 |
| 89-0385 | #1 Curette Right- Serrated | 1 |
| 89-0389 | #1 Curette Left- Serrated | 1 |
| 89-0390 | Small Ring Curette - 6W x 10L | 1 |
| 89-0391 | Large Ring Curette - 10W x 10L | 1 |

Bottom Tray

| | | |
|---------|------------------------|---|
| 89-0250 | 6mm Paddle Distractor | 1 |
| 89-0251 | 7mm Paddle Distractor | 1 |
| 89-0252 | 8mm Paddle Distractor | 1 |
| 89-0253 | 9mm Paddle Distractor | 1 |
| 89-0254 | 10mm Paddle Distractor | 1 |
| 89-0255 | 11mm Paddle Distractor | 1 |
| 89-0256 | 12mm Paddle Distractor | 1 |
| 89-0257 | 13mm Paddle Distractor | 1 |
| 89-0258 | 14mm Paddle Distractor | 1 |
| 89-0259 | 15mm Paddle Distractor | 1 |
| 89-0260 | 16mm Paddle Distractor | 1 |

| Part # | Description | Qty |
|----------------------------|----------------------|-----|
| Bottom Tray (cont.) | | |
| 89-0406 | 6mm Rotating Cutter | 1 |
| 89-0407 | 7mm Rotating Cutter | 1 |
| 89-0408 | 8mm Rotating Cutter | 1 |
| 89-0409 | 9mm Rotating Cutter | 1 |
| 89-0410 | 10mm Rotating Cutter | 1 |
| 89-0411 | 11mm Rotating Cutter | 1 |
| 89-0412 | 12mm Rotating Cutter | 1 |
| 89-0413 | 13mm Rotating Cutter | 1 |
| 89-0414 | 14mm Rotating Cutter | 1 |
| 89-0415 | 15mm Rotating Cutter | 1 |
| 89-0416 | 16mm Rotating Cutter | 1 |

Discectomy Case

| | |
|---------|---------------------------|
| 89-0092 | Discectomy Case and Trays |
|---------|---------------------------|

Order by Request - Discectomy Instruments

| | |
|---------|---------------------------------|
| 89-0351 | #00 Curette Straight - Smooth |
| 89-0353 | #1 Curette Straight - Smooth |
| 89-0355 | #00 Curette Up - Smooth |
| 89-0356 | #0 Curette Up - Smooth |
| 89-0357 | #1 Curette Up - Smooth |
| 89-0359 | #00 Curette Down - Smooth |
| 89-0360 | #0 Curette Down - Smooth |
| 89-0361 | #1 Curette Down - Smooth |
| 89-0364 | #0 Curette Right - Smooth |
| 89-0365 | #1 Curette Right - Smooth |
| 89-0368 | #0 Curette Left - Smooth |
| 89-0369 | #1 Curette Left - Smooth |
| 89-0342 | #00 Curette 90° Down - Smooth |
| 89-0343 | #0 Curette 90° Down - Smooth |
| 89-0344 | #1 Curette 90° Down - Smooth |
| 89-0346 | #00 Curette 90° Down - Serrated |
| 89-0347 | #0 Curette 90° Down - Serrated |
| 89-0348 | #1 Curette 90° Down - Serrated |

Please visit Orthofix.com/IFU for full information on indications for use, contraindications, warnings, precautions, adverse reactions and sterilization.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician. Proper surgical procedure is the responsibility of the medical professional. Operative techniques are furnished as an informative guideline. Each surgeon must evaluate the appropriateness of a technique based on his or her personal medical credentials and experience.



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