Modulift® VBR System

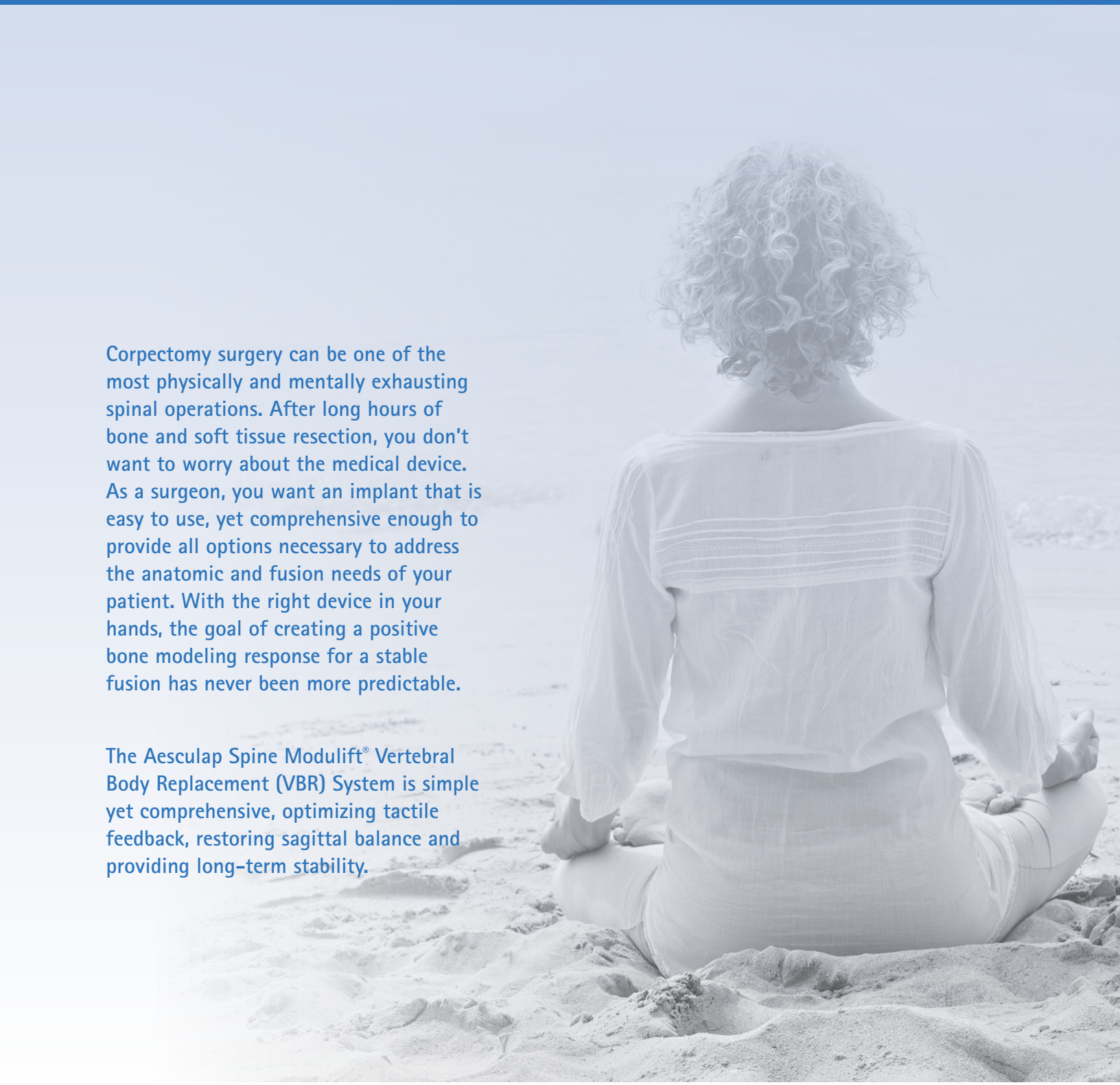
Small, Medium, Large

Aesculap Spine

AESCULAP®
Implant Systems

Modulift® VBR System

Small, Medium, Large



Corpectomy surgery can be one of the most physically and mentally exhausting spinal operations. After long hours of bone and soft tissue resection, you don't want to worry about the medical device. As a surgeon, you want an implant that is easy to use, yet comprehensive enough to provide all options necessary to address the anatomic and fusion needs of your patient. With the right device in your hands, the goal of creating a positive bone modeling response for a stable fusion has never been more predictable.

The Aesculap Spine Modulift® Vertebral Body Replacement (VBR) System is simple yet comprehensive, optimizing tactile feedback, restoring sagittal balance and providing long-term stability.

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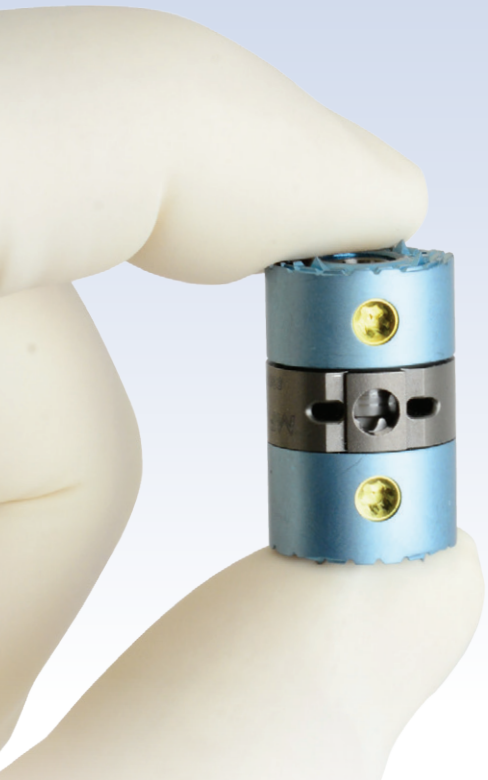


The Modulift VBR Design Principles

Offered in both modular and unitized devices, the optimized design accommodates a wide range of expansion, surgical approach and endplate contact requirements.

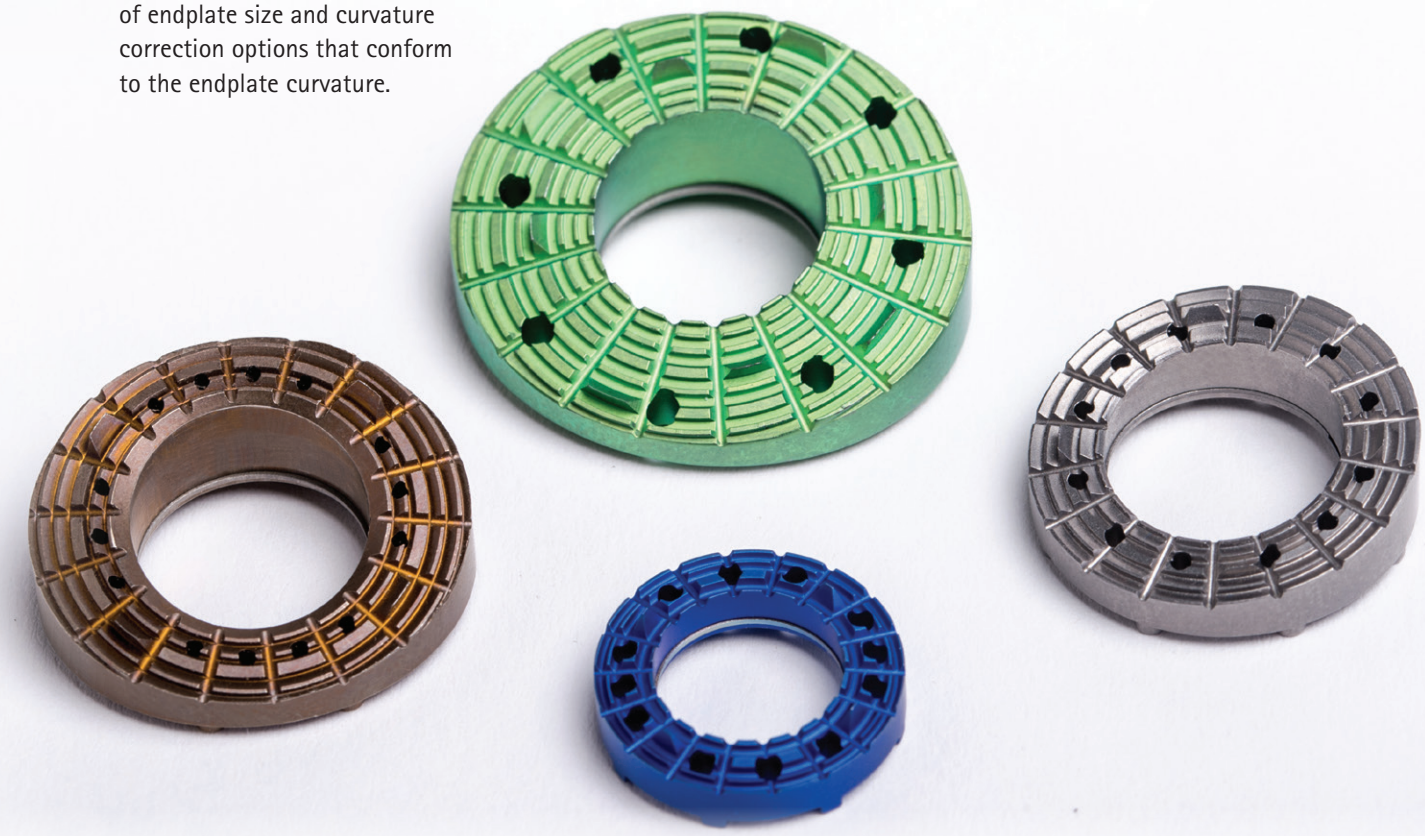
- Tactile feedback is accentuated by our proprietary low-friction treatment process applied to the moving components, creating a difference you can feel.
- The VBR dovetail feature allows for reattachment in-situ with the capability to quickly and efficiently reposition the device.
- Central Drive Mechanism provides continuous expansion and visualization of both expansion ends.
- Built-in set screws facilitate locking the VBR.
- Sterile packaging provided for each VBR and footplate for optimal patient safety and traceability.
- Expansion lines on the VBR inform the surgeon when the device is half and fully expanded.

The Modulift® Footplate Design Principles

Modular footplates are intuitive to assemble and simple to remove.

Spikes provide initial stability, and the waffle pattern optimizes overall surface area contact while the fenestrations and central hole accommodate positive bone remodeling into the VBR.

Biomechanical restoration and load transfer are made possible by an industry-leading selection of endplate size and curvature correction options that conform to the endplate curvature.



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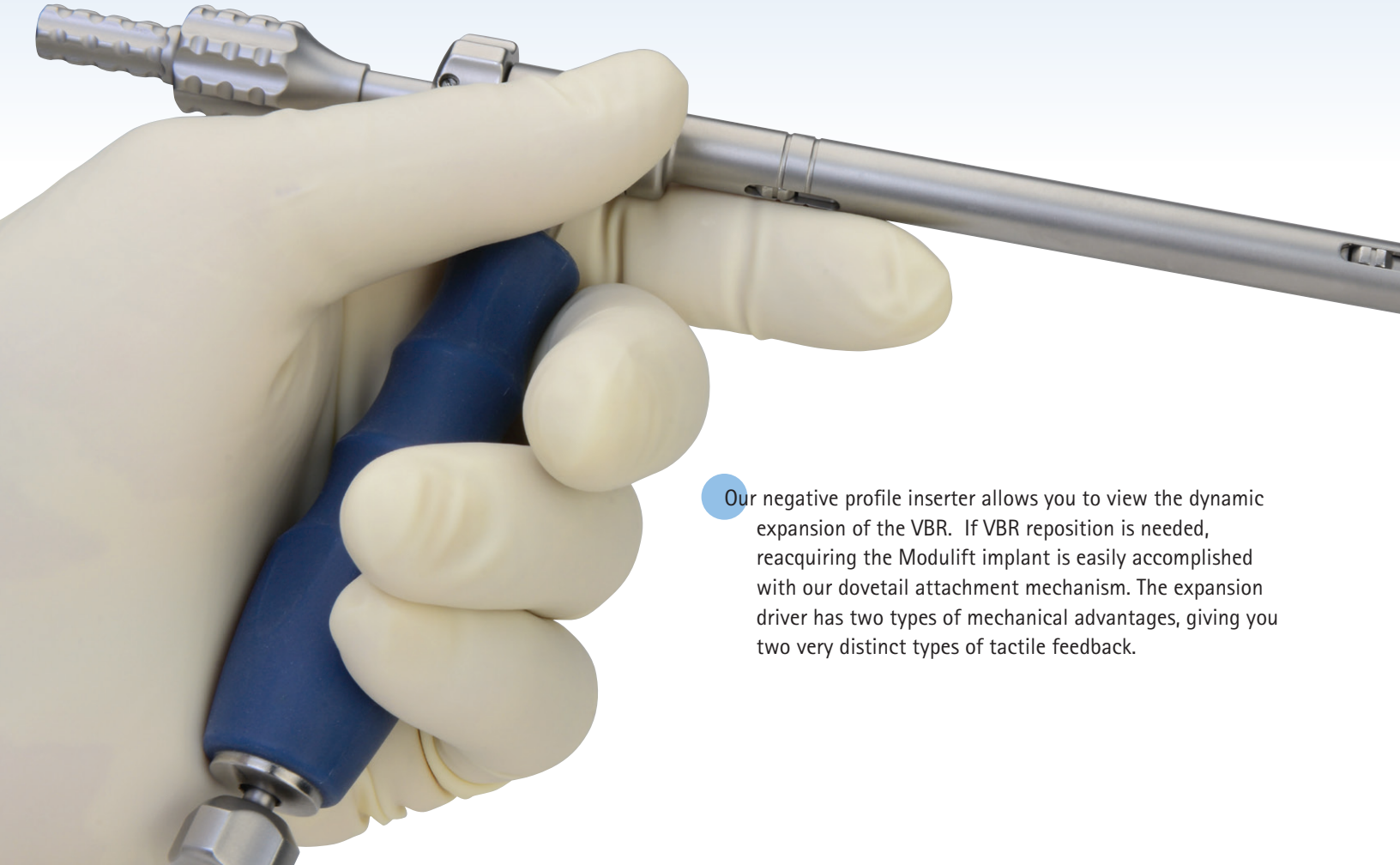
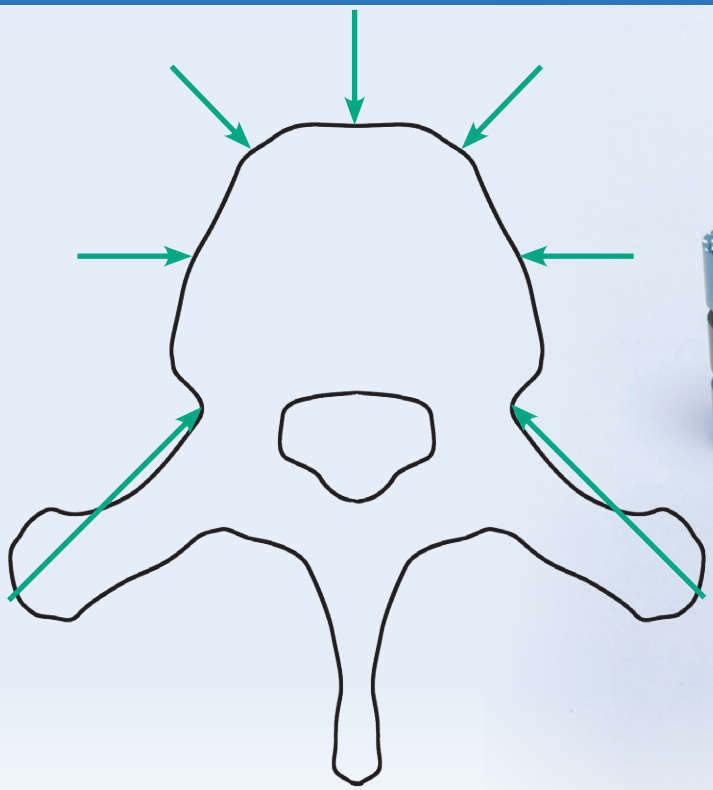
Trial and Insertion Instruments

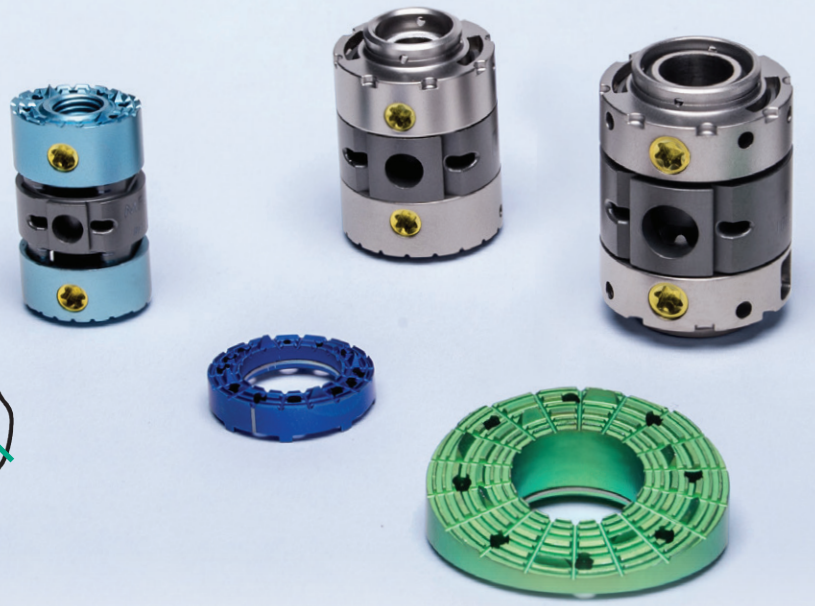
State-of-the-art narrow profile instrumentation is specifically engineered to address the needs of the thoracic or lumbar spine anatomy.

A comprehensive trialing system helps quickly evaluate endplate size, vertical height and sagittal balance requirements.



Our negative profile inserter allows you to view the dynamic expansion of the VBR. If VBR reposition is needed, reacquiring the Modulift implant is easily accomplished with our dovetail attachment mechanism. The expansion driver has two types of mechanical advantages, giving you two very distinct types of tactile feedback.





Our modular and unitized VBRs accommodate the following surgical approaches:

- **Posterior**
- **Antero Lateral**
- **Direct Lateral**
- **Direct Anterior**

Modulift® Small VBR	
Endplates	12 x 14 mm, 14 x 16 mm
Expansion	19 to 74 mm
Correction Angles	0, 5, 10 degrees
Modulift® Medium VBR	**18 mm Cylinder**
Endplates	18, 21, 25 mm
Expansion	18.5 to 74 mm
Correction Angles	0 to 18 degrees
Modulift® Large VBR	**21 mm Cylinder**
Endplates	21, 25, 28, 28 x 32 mm
Expansion	23.5 to 123 mm
Correction Angles	0 to 30 degrees

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