

VERTACONNECT[®]

Transforaminal Lumbar Interbody Fusion

For distribution in the USA only

**Minimal Access –
Maximal Effect**



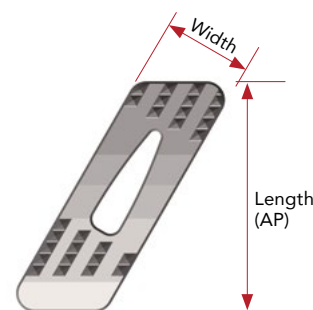
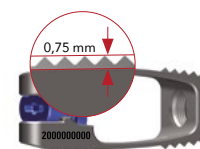
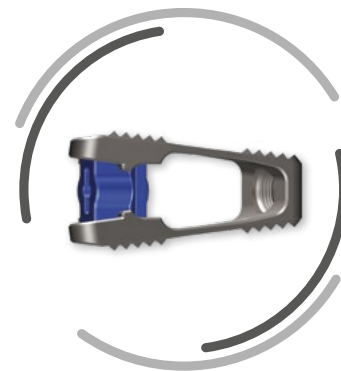
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The Spine Sign[®]

VERTACONNECT® is placed by a TLIF (Transforaminal Lumbar Interbody Fusion) approach in the L2–S1 spinal region. As well as the simple implantation procedure, the area of contact with the implant and the filling volume can be maximized by utilising the entire diagonal diameter of the vertebral body. The open design of the implant permits the cage to be packed with autogenous bone graft and/or allograft comprised of cancellous and/or corticancellous bone graft. The inserted cage, combined with additional posterior instrumentation, leads to immediate biomechanical stabilization. This establishes the ideal conditions for vertebral body fusion. The large range of implants provides for a high degree of intraoperative flexibility and ensures the restoration of the intervertebral space.

Product-specific advantages

- **Diagonal implant placement**
 - Easy and rapid implantation in a single surgical step
 - No complicated turning of the implant as needed for banana-shaped cages
- **Open implant design**
 - Can be packed with natural or synthetic bone graft material
 - Promotes osseointegration
- **Expandable cage**
 - Adapts optimally to the individual anatomy of the patient
 - Enables easy insertion due to low entry height
- **Biconvex shape with two different lordotic angles**
 - Anatomical adaptation in the intervertebral space
 - Optimal restoration of the sagittal alignment
- **Large contact area with the vertebral body**
 - Secure implant positioning
 - Reduced risk of subsidence
- **Toothed surface**
 - Secure anchoring in the bone thanks to high primary stability
 - Reduced risk of implant migration



* Implant height without tooth height

All implants are in individual sterile packaging ready for immediate use.

Width: 12 mm / Length: 31, 34, 37 mm

Additional sizes available upon request.

Implants					
Length (mm)	Width (mm)	Angle, height (mm) anterior, not expanded	Angle, height (mm) anterior, expanded	Posterior height* (mm)	Art. no. Implants
31	12	3°, 9	11°, 13	8	CAT311308
		7°, 11	15°, 15	8	CAT311508
		3°, 11	11°, 15	10	CAT311510
		7°, 13	15°, 17	10	CAT311710
		3°, 13	11°, 17	12	CAT311712
34		3°, 10	11°, 14	8	CAT341408
		7°, 12	15°, 16	8	CAT341608
		3°, 12	11°, 16	10	CAT341610
		7°, 14	15°, 18	10	CAT341810
		3°, 14	11°, 18	12	CAT341812
37		3°, 10	11°, 15	8	CAT371508
		7°, 12	15°, 17	8	CAT371708
		3°, 12	11°, 17	10	CAT371710
		7°, 14	15°, 19	10	CAT371910
		3°, 14	11°, 19	12	CAT371912