

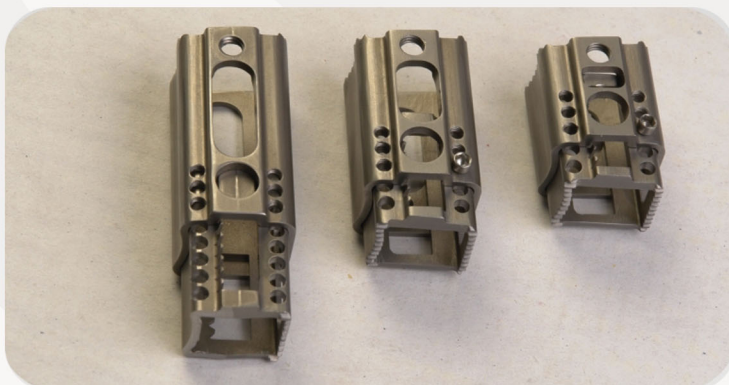
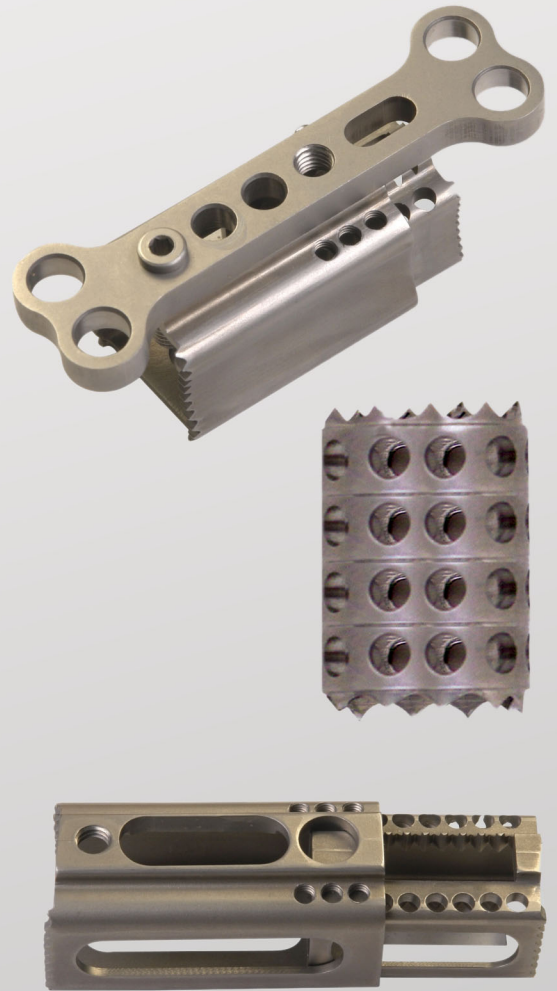
EG-ZAG™ system is an expandable corpectomy titanium cage that replaces a vertebral body or one or more entire vertebra. It can be used in thoracolumbar spine in case of a collapsed, damaged or unstable vertebral body in thoracolumbar spine (from T1 to L5).

Design

Rectangular titanium cage self expandable by inverted simple expander with a wide hollow cage that accommodate large amount of bone graft. Slots and holes are at all sides of the cage except the wall facing the cord which is smooth and concave to protect and reform the spinal canal. These slots and holes will be in contact with the vertebral body bone and through which bone fragments can be packed by special invented simple impactor. This design to safeguard the consolidation of bone fusion around the cage with bone graft within the cage. The upper edge of the cage has different angles to correct kyphosis or lordosis. This design allows the surgeon to refill.

the cage with bone graft after being expanded

The cage is attached to a newly designed anterior thoracolumbar plate to divide the force among the plate and the cage. Long instrumentation for endoscopic technique it permits expanding 15mm more than the selected size.





Cages and plates



Modularity

the wide range of sizes of the plate and screws give the surgeon all the needed tools to reach the optimum result it is available in different lengths to accommodate any gap may be created between the surfaces desired to replace and fuse and also titanium plate with two holes in each side to fix the vertebral bodies above and below by screws and another hole to fix the plate to the cage making the system as one unit the inner shield moves up to distract covering a range starting from 25 mm to 105mm with increments of 10mm.



6mm Daimater

Screw Lengths mm	60							
	25	30	35	40	45	50	55	60



Sliding Key(EG130001)



Bone refilling(EG130002)



Cage & Plate Holder(EG130003)



Screw Driver(EG130005)



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