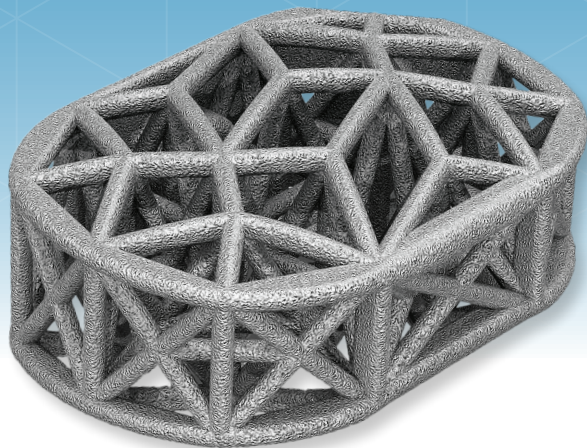




ANTERIOR SPINE TRUSS SYSTEM™

INTERBODY FUSION DEVICE

ASTS has an Advanced Structural Design that incorporates 4WEB Medical's proprietary Truss Implant Technology™. Under normal loading conditions the struts in the truss implant transfer strain to adjacent cellular material which stimulates a mechanobiologic response.

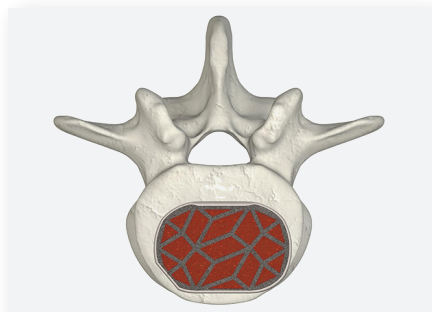


- ▲ Novel Truss Implant Technology™ provides a Snow Shoe Interface that distributes load across the endplate minimizing point loading and reducing the risk of subsidence.*
- ▲ Hierarchical surface roughness spans from the macro to nano scale. These surface features have been shown to stimulate increased gene expression of certain osteogenic markers when compared to other interbody surfaces and materials.¹
- ▲ Open architecture design allows for greater graft volume and bone growth throughout the entire construct.*

50° oblique optional inserter attachment to accommodate different surgical techniques

Hyperlordotic implant options ranging from 16° - 25°

Bi-convex anatomical design

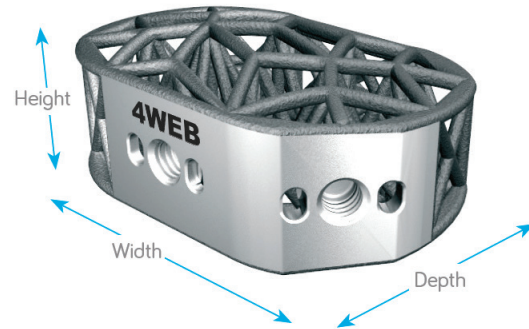


¹ Rowe et al, SMISS, AnnualForum'19, p.52

*Data on File

ASTS IMPLANT SPECIFICATIONS PRODUCT CATALOG

CATALOG #	FOOTPRINT (D,W,H)	LORDOSIS
6 DEGREE		
ASTS-SM0608-SP	21 x 32 x 8mm	6°
ASTS-SM0610-SP	21 x 32 x 10mm	6°
ASTS-SM0612-SP	21 x 32 x 12mm	6°
ASTS-SM0614-SP	21 x 32 x 14mm	6°
ASTS-SM0616-SP	21 x 32 x 16mm	6°
ASTS-MD0608-SP	24 x 36 x 8mm	6°
ASTS-MD0610-SP	24 x 36 x 10mm	6°
ASTS-MD0612-SP	24 x 36 x 12mm	6°
ASTS-MD0614-SP	24 x 36 x 14mm	6°
ASTS-MD0616-SP	24 x 36 x 16mm	6°
ASTS-LG0608-SP	27 x 40 x 8mm	6°
ASTS-LG0610-SP	27 x 40 x 10mm	6°
ASTS-LG0612-SP	27 x 40 x 12mm	6°
ASTS-LG0614-SP	27 x 40 x 14mm	6°
ASTS-LG0616-SP	27 x 40 x 16mm	6°
12 DEGREE		
ASTS-SM1208-SP	21 x 32 x 8mm	12°
ASTS-SM1210-SP	21 x 32 x 10mm	12°
ASTS-SM1212-SP	21 x 32 x 12mm	12°
ASTS-SM1214-SP	21 x 32 x 14mm	12°
ASTS-SM1216-SP	21 x 32 x 16mm	12°
ASTS-MD1208-SP	24 x 36 x 8mm	12°
ASTS-MD1210-SP	24 x 36 x 10mm	12°
ASTS-MD1212-SP	24 x 36 x 12mm	12°
ASTS-MD1214-SP	24 x 36 x 14mm	12°
ASTS-MD1216-SP	24 x 36 x 16mm	12°
ASTS-LG1208-SP	27 x 40 x 8mm	12°
ASTS-LG1210-SP	27 x 40 x 10mm	12°
ASTS-LG1212-SP	27 x 40 x 12mm	12°
ASTS-LG1214-SP	27 x 40 x 14mm	12°
ASTS-LG1216-SP	27 x 40 x 16mm	12°



CATALOG #	FOOTPRINT (D,W,H)	LORDOSIS
16 DEGREE		
ASTS-MD1610-SP	24 x 36 x 10mm	16°
ASTS-MD1612-SP	24 x 36 x 12mm	16°
ASTS-MD1614-SP	24 x 36 x 14mm	16°
ASTS-MD1616-SP	24 x 36 x 16mm	16°
ASTS-LG1610-SP	27 x 40 x 10mm	16°
ASTS-LG1612-SP	27 x 40 x 12mm	16°
ASTS-LG1614-SP	27 x 40 x 14mm	16°
ASTS-LG1616-SP	27 x 40 x 16mm	16°
20 DEGREE		
ASTS-MD2012-SP	24 x 36 x 12mm	20°
ASTS-MD2014-SP	24 x 36 x 14mm	20°
ASTS-MD2016-SP	24 x 36 x 16mm	20°
ASTS-MD2018-SP	24 x 36 x 18mm	20°
ASTS-LG2012-SP	27 x 40 x 12mm	20°
ASTS-LG2014-SP	27 x 40 x 14mm	20°
ASTS-LG2016-SP	27 x 40 x 16mm	20°
ASTS-LG2018-SP	27 x 40 x 18mm	20°
25 DEGREE		
ASTS-MD2514-SP	24 x 36 x 14mm	25°
ASTS-MD2516-SP	24 x 36 x 16mm	25°
ASTS-MD2518-SP	24 x 36 x 18mm	25°
ASTS-LG2514-SP	27 x 40 x 14mm	25°
ASTS-LG2516-SP	27 x 40 x 16mm	25°
ASTS-LG2518-SP	27 x 40 x 18mm	25°

*Hypertordotic (16°, 20°, & 25°) implants by request only in limited quantities.