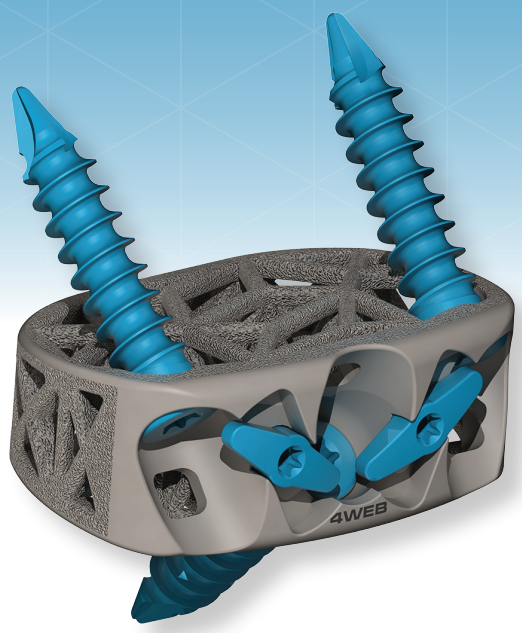
STAND ALONE ANTERIOR SPINE TRUSS SYSTEM™

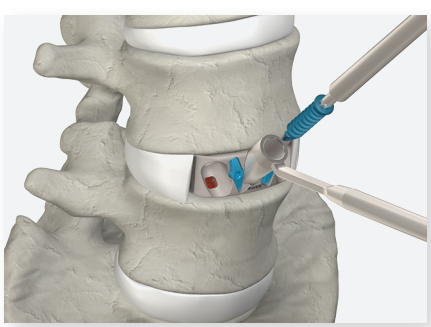
TITANIUM INTERBODY FUSION DEVICE

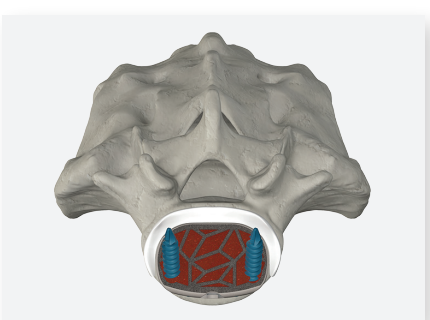
ASTS-SA has an Advanced Structural Design that incorporates 4WEB Medical's proprietary Truss Implant Technology™. Under normal loading conditions the struts in the truss implant transfer strain to adjacent cellular material which stimulates a mechanobiologic response.

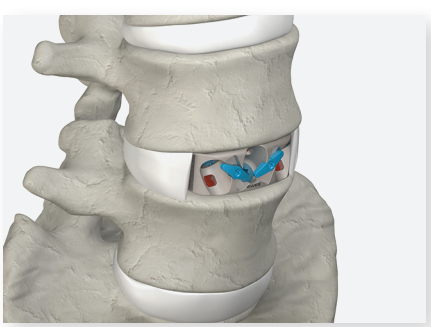


- Novel Truss Implant Technology™ provides a Snow Shoe Interface that distributes load across the endplate minimizing point loading and reducing the risk of subsidence.*
- Hierarchical surface roughness spans from the macro to nano scale. These surface features have been shown to stimulate increased 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.*

Zero-profile stand alone construct | Intuitive instrumentation available for guided and freehand surgical techniques | Single-step locking mechanism | Sterile packed for hospital efficiency and patient safety | Up to 45° of screw angulation







[1] Rowe et al, SMISS, AnnualForum'19, p.52 *Data on File

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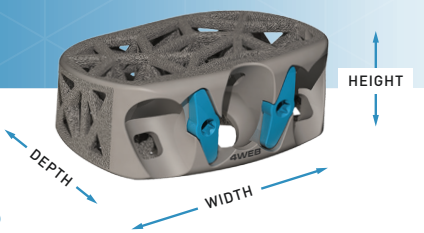


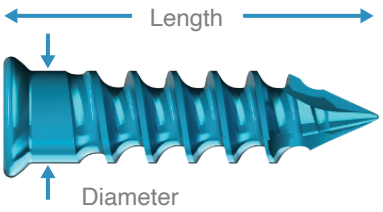
MECHANOBIOLOGY AT WORK™

ASTS-SA IMPLANT SPECIFICATIONS

PRODUCT CATALOG

CATALOG #	FOOTPRINT (W, D, H)	LORDOSIS
6 DEGREE		
ASTS-SA-SM0608-SP	34 x 21 x 8mm	6°
ASTS-SA-SM0610-SP	34 x 21 x 10mm	6°
ASTS-SA-SM0612-SP	34 x 21 x 12mm	6°
ASTS-SA-SM0614-SP	34 x 21 x 14mm	6°
ASTS-SA-SM0616-SP	34 x 21 x 16mm	6°
ASTS-SA-MD0608-SP	36 x 24 x 8mm	6°
ASTS-SA-MD0610-SP	36 x 24 x 10mm	6°
ASTS-SA-MD0612-SP	36 x 24 x 12mm	6°
ASTS-SA-MD0614-SP	36 x 24 x 14mm	6°
ASTS-SA-MD0616-SP	36 x 24 x 16mm	6°
ASTS-SA-LG0608-SP	40 x 27 x 8mm	6°
ASTS-SA-LG0610-SP	40 x 27 x 10mm	6°
ASTS-SA-LG0612-SP	40 x 27 x 12mm	6°
ASTS-SA-LG0614-SP	40 x 27 x 14mm	6°
ASTS-SA-LG0616-SP	40 x 27 x 16mm	6°
12 DEGREE		
ASTS-SA-SM1208-SP	34 x 21 x 8mm	12°
ASTS-SA-SM1210-SP	34 x 21 x 10mm	12°
ASTS-SA-SM1212-SP	34 x 21 x 12mm	12°
ASTS-SA-SM1214-SP	34 x 21 x 14mm	12°
ASTS-SA-SM1216-SP	34 x 21 x 16mm	12°
ASTS-SA-MD1208-SP	36 x 24 x 8mm	12°
ASTS-SA-MD1210-SP	36 x 24 x 10mm	12°
ASTS-SA-MD1212-SP	36 x 24 x 12mm	12°
ASTS-SA-MD1214-SP	36 x 24 x 14mm	12°
ASTS-SA-MD1216-SP	36 x 24 x 16mm	12°
ASTS-SA-LG1208-SP	40 x 27 x 8mm	12°
ASTS-SA-LG1210-SP	40 x 27 x 10mm	12°
ASTS-SA-LG1212-SP	40 x 27 x 12mm	12°
ASTS-SA-LG1214-SP	40 x 27 x 14mm	12°
ASTS-SA-LG1216-SP	40 x 27 x 16mm	12°
16 DEGREE		
ASTS-SA-SM1610-SP	34 x 21 x 10mm	16°
ASTS-SA-SM1612-SP	34 x 21 x 12mm	16°
ASTS-SA-SM1614-SP	34 x 21 x 14mm	16°
ASTS-SA-SM1616-SP	34 x 21 x 16mm	16°
ASTS-SA-MD1610-SP	36 x 24 x 10mm	16°
ASTS-SA-MD1612-SP	36 x 24 x 12mm	16°
ASTS-SA-MD1614-SP	36 x 24 x 14mm	16°
ASTS-SA-MD1616-SP	36 x 24 x 16mm	16°
ASTS-SA-LG1610-SP	40 x 27 x 10mm	16°
ASTS-SA-LG1612-SP	40 x 27 x 12mm	16°
ASTS-SA-LG1614-SP	40 x 27 x 14mm	16°
ASTS-SA-LG1616-SP	40 x 27 x 16mm	16°

CATALOG #	FOOTPRINT (W, D, H)	LORDOSIS
20 DEGREE		
ASTS-SA-SM2012-SP	34 x 21 x 12mm	20°
ASTS-SA-SM2014-SP	34 x 21 x 14mm	20°
ASTS-SA-SM2016-SP	34 x 21 x 16mm	20°
ASTS-SA-SM2018-SP	34 x 21 x 18mm	20°
ASTS-SA-MD2012-SP	36 x 24 x 12mm	20°
ASTS-SA-MD2014-SP	36 x 24 x 14mm	20°
ASTS-SA-MD2016-SP	36 x 24 x 16mm	20°
ASTS-SA-MD2018-SP	36 x 24 x 18mm	20°
ASTS-SA-LG2012-SP	40 x 27 x 12mm	20°
ASTS-SA-LG2014-SP	40 x 27 x 14mm	20°
ASTS-SA-LG2016-SP	40 x 27 x 16mm	20°
ASTS-SA-LG2018-SP	40 x 27 x 18mm	20°
24 DEGREE		
ASTS-SA-SM2414-SP	34 x 21 x 14mm	24°
ASTS-SA-SM2416-SP	34 x 21 x 16mm	24°
ASTS-SA-SM2418-SP	34 x 21 x 18mm	24°
ASTS-SA-SM2420-SP	34 x 21 x 20mm	24°
ASTS-SA-MD2414-SP	36 x 24 x 14mm	24°
ASTS-SA-MD2416-SP	36 x 24 x 16mm	24°
ASTS-SA-MD2418-SP	36 x 24 x 18mm	24°
ASTS-SA-MD2420-SP	36 x 24 x 20mm	24°
ASTS-SA-LG2414-SP	40 x 27 x 14mm	24°
ASTS-SA-LG2416-SP	40 x 27 x 16mm	24°
ASTS-SA-LG2418-SP	40 x 27 x 18mm	24°
ASTS-SA-LG2420-SP	40 x 27 x 20mm	24°



SELF-DRILLING SCREW SPECIFICATIONS

CATALOG #	DIAMETER, LENGTH
ASCR-5523-SD-SP	Ø5.5mm, L 23mm
ASCR-5527-SD-SP	Ø5.5mm, L 27mm
ASCR-5531-SD-SP	Ø5.5mm, L 31mm

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