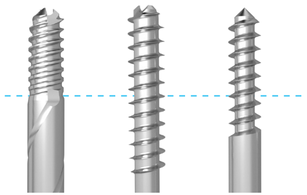
Technical Details

Short, optimized threads

The shorter G-Beam™ thread length promote accurate implant placement and reduce the risk of placing the device with the thread crossing a joint or osteotomy line leading to less risk of failure



G-BEAM ø7.4mm | Wright Medical ø7.0mm | Wright Medical ø6.5mm

High Compression End Cap | Low Compression End Cap

Modular compression

The 7.4mm G-Beam™ fusion beams are provided with two end caps allowing for different levels of compressions

Dedicated extraction instruments

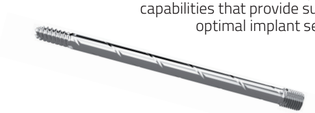
Three specifically designed extraction instruments for both, the 5.4mm and 7.4mm beams

Beams	Color Code	Guidewire	Stepped Drill	Hex Screwdriver	EXTRACTION TOOL
Large Ø 7.4mm G-BEAM	Blue	Large Ø 2.8mm	Large Ø 5.1-7.5mm	Large 5mm	Large Ø 7.4mm
Small Ø 5.4mm G-BEAM	Yellow	Small Ø 1.9mm	Small Ø 4-5.5mm	Small 4mm	Small Ø 5.4mm

7.4mm G-BEAM™

Fully cannulated for accurate implant placement

Designed with modular end caps in two different compression capabilities that provide surgeons optimal implant selection



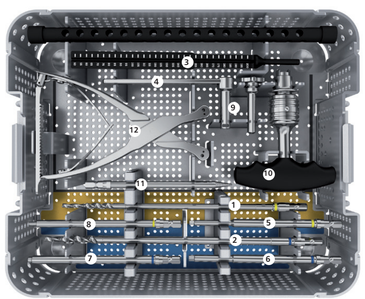
Designed with a flute running along the full length of the beams

5.4mm G-BEAM™

Designed as a single piece beam with built-in compression

Fully cannulated for accurate implant placement

Instrument Set		
Code		Description
187284	1	Small Stepped Drill ø4/5.5mm
187283	2	Large Stepped Drill ø5.1/7.5mm
187274	3	Sizing Gauge
187213	4	Drill Guide
187321	5	Small Hex Screwdriver 4mm
187320	6	Large Hex Screwdriver 5mm
187335	7	Large Extraction Tool ø7.4mm
187336	8	Small Extraction Tool ø5.4mm
187223	9	Wire Guide
187279	10	Ratcheting T-Handle
187337	11	Conical Threaded Extractor
001-A-40007	12	Joint Compression Forceps
001-A-1502P		Guide wire 1.5mm, 4.0/5.5mm Bite Compression Screw (Kit of 2)
99-187287		Small Guidewire ø1.9mm Sterile
99-187288		Large Guidewire ø2.8mm Sterile
187990		G-Beam Sterilization Tray
187990C		G-Beam Sterilization Tray Complete
187995		G-Beam Kit
187995C		G-Beam Kit Complete



For all available G-BEAM™ lengths and diameters, please refer to GB-1701-OPT-E0 available on www.orthofix.com.

Manufactured by:
ORTHOFIX Srl
Via Delle Nazioni 9, 37012 Bussolengo (Verona), Italy
Telephone +39 045 6719000, Fax +39 045 6719380

CE 0123

www.orthofix.com

GB-1801-PL-E0 C 12/19

Distributed by:

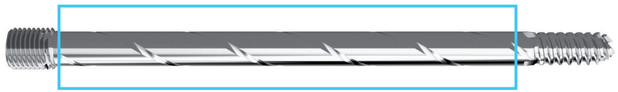
ORTHOFIX®

G-BEAM™
FUSION BEAMING SYSTEM

EXPERIENCE THE TRUE **POWER** OF BEAMING

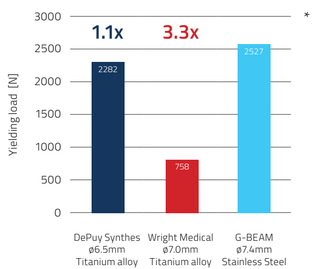
ORTHOFIX®

Maximized Performance

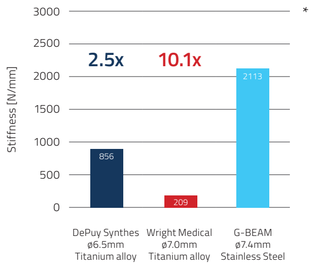


Enhanced beam stiffness

G-Beam™ provides high stiffness as a result of a combination of manufacturing material and dimensions leading to smaller deformations of the device when withstanding the same loads



** The tests have been conducted according to ASTM F1264 (Standard Specification and Test Methods for Intramedullary Fixation Devices) and have been performed only for a selected number of competitors. Testing conducted by Orthofix SRL. Data on file.*



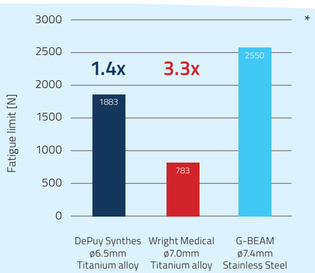
** The tests have been conducted according to ASTM F1264 (Standard Specification and Test Methods for Intramedullary Fixation Devices) and have been performed only for a selected number of competitors. Testing conducted by Orthofix SRL. Data on file.*

Great yield resistance

G-Beam™ fusion beams provide high static loading resistance, satisfying wide ranging patient demands

Enhanced fatigue resistance

G-Beam™ fusion beams provide high fatigue resistance to cyclic loading

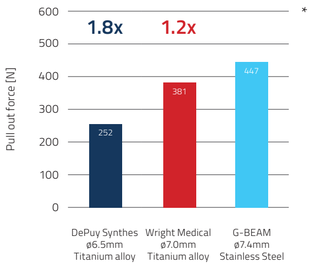


** The tests have been conducted according to ASTM F1264 (Standard Specification and Test Methods for Intramedullary Fixation Devices) and have been performed only for a selected number of competitors. Testing conducted by Orthofix SRL. Data on file.*

Optimal Design

Specific thread design

The G-Beam™ thread design allows for optimal pull out resistance and great fatigue resistance



** The tests have been conducted according to ASTM F543 (Standard Specification and Test Methods for Metallic Medical Bone Screws) and have been performed only for a selected number of competitors. Testing conducted by Orthofix SRL. Data on file.*

Fully cannulated beams

Both, 7.4mm and 5.4mm beams are fully cannulated allowing for optimized implant insertion

Accurate insertion

The specifically designed stepped drill of the G-Beam™ System allows for accurate implant placement and reduces the probability of placing the thread within the joint line