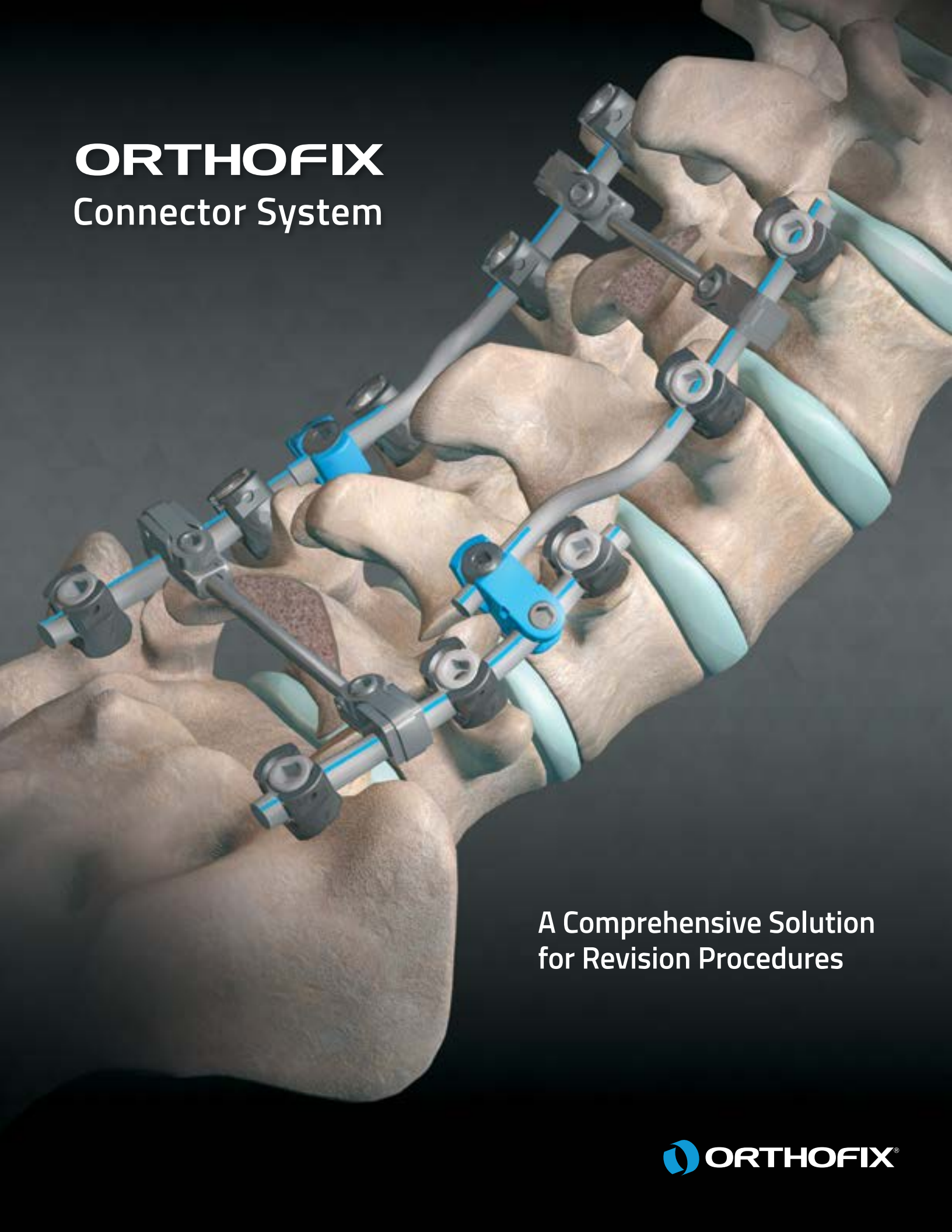


ORTHOFIX
Connector System

A Comprehensive Solution
for Revision Procedures

ORTHOFIX®

Introduction

The Connector System is a comprehensive system designed to reduce the complexity of revising and extending existing spinal constructs. The system includes a variety of Rod-to-Rod Connectors, Bypass Connectors, Axial In-Line Connectors and Z Rods as well as unique instrumentation intended to facilitate the removal of bony anatomy. The Connector System eliminates the need to remove existing hardware while providing stability at adjacent levels.

System Overview

Rod-to-Rod Connectors

Rod-to-Rod connectors encompass a variety of options for simple to complex revision procedures. The connectors are compatible with rod diameters ranging from 3.0mm to 6.35mm and accommodate various posterior surgical approaches.

Side/Top

Side Interface: Ø4.75 - 6.35mm
Top Interface: Ø5.5 - 6.0mm

Side/Side

Side Interface(s): Ø4.75 - 6.35mm

Side/Front

Side/Front Interface: Ø4.75 - 6.35mm

Front/Front

Front Interface(s): Ø4.75 - 6.35mm

Small Side/Front

Side Interface: Ø4.75 - 6.35mm
Front Interface: Ø3.0 - 3.5mm

Bypass Connectors

Bypass Connectors are low-profile implants that navigate around one or two existing screw bodies. The connectors can attach to rod diameters ranging from 4.75mm to 6.35mm. U-Style Connectors utilize two sets and incorporate a 5.5mm x 200mm offset rod extension. 16mm and 34mm Bypass Connectors utilize a single set screw and incorporate a 5.5mm x 200mm in-line rod extension.

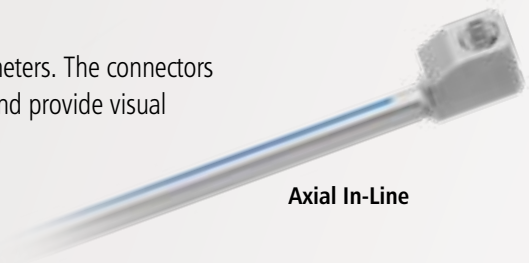
U-Style

16mm

34mm

Axial In-Line Rod Connectors

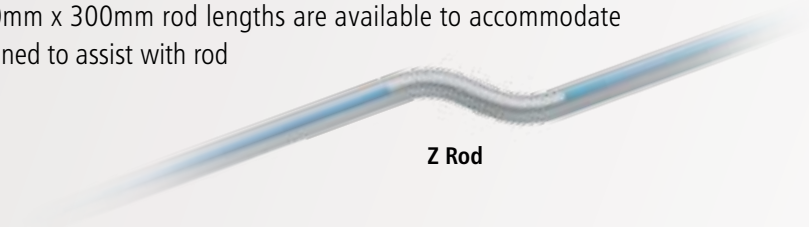
Axial In-Line Rod Connectors attach to 4.75mm to 6.35mm rod diameters. The connectors feature a rod pocket and visualization hole to accept rod overhang and provide visual confirmation of rod engagement.



Axial In-Line

Z Rods

5.5mm x 150mm x 150mm and 5.5mm x 150mm x 300mm rod lengths are available to accommodate various length revision constructs. All rods are lined to assist with rod contouring and positioning.



Z Rod

Set Screws

Large and small set screws are used to secure the connectors to existing constructs. Both sets screws feature a 3.7mm hex interface and a 60 in. lbs. torque value. The large set screw incorporates a buttress thread design to minimize cross threading.

Small Set Screw

Large Set Screw

Set Configuration (79-9091)

Implants

Part #	Description	Qty
79-2002	Large Set Screw	10
79-2003	Small Set Screw	20
79-2100	Side/Top Loading Connector	4
79-2105	Side/Front Loading Connector	4
79-2110	Small Side/Front Loading Connector	4
79-2115	Side/Side Loading Connector	4
79-2120	16mm Bypass Connector, Left	2
79-2125	16mm Bypass Connector, Right	2

Part #	Description	Qty
79-2130	34mm Bypass Connector, Left	Optional
79-2135	34mm Bypass Connector, Right	Optional
79-2140	Axial In-Line Connector with Rod	4
79-2150	Z Rod, 150mm x 150mm	4
79-2155	Front/Front Loading Connector	4
79-2160	U-Style, 16mm Bypass Connector, Left	2
79-2165	U-Style, 16mm Bypass Connector, Right	2
79-2300	Z Rod, 150mm x 300mm	Optional

Instruments

Part #	Description	Qty
52-1041	Trial Rod, 200mm	1
79-1001	Straight Implant Inserter	1
79-1002	Threaded Implant Inserter	1
79-1003	Curved Rasp	1
79-1004	Underbite Rongeur	1
79-1005	Set Screw Inserter	2

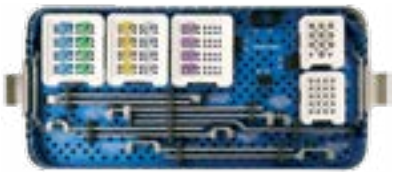
Part #	Description	Qty
79-1006	Set Screw Driver	2
79-1007	Connector Counter Torque Wrench	1
79-1008	Rod Pliers/Holder	Optional
79-1010	Connector Torque Limiting Handle	1
79-1012	Bone Chisel	1
79-1014	Tamp	1

Cases & Trays

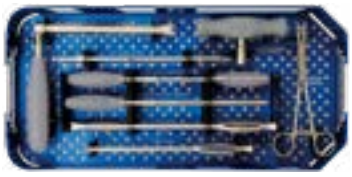
Part #	Description	Qty
79-1090	Case	1
79-1090B	Case, Base	Optional
79-8301	Side Loading Connector Caddy	Optional
79-8302	Side/Front Loading Connector Caddy	Optional
79-8303	Front Loading Connector Caddy	Optional
79-8304	Small Set Screw Caddy	Optional

Part #	Description	Qty
79-8305	Large Set Screw Caddy	Optional
79-8306	Top Tray-Level	Optional
79-8307	Middle Tray-Level	Optional
79-8309	Ancillary Implant Caddy	Optional
20115080	Lid	Optional

Top Tray



Middle Tray



Bottom Tray

Features and Benefits

All-Inclusive System
Comprehensive offering eliminates the need to remove existing hardware for revision procedures

Improved Intra-Operative Efficiency
May decrease operative time and potential complications as existing hardware doesn't have to be removed

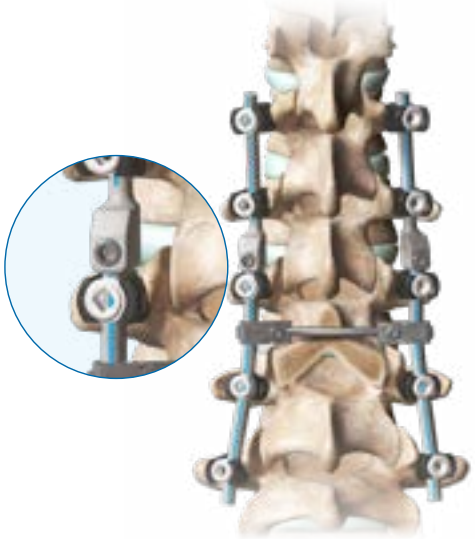
Bone-Preparation Instruments
Facilitates fusion mass removal commonly associated with revision procedures

Compatible with Multiple Orthofix Spinal Fixation Systems
Accommodates multiple posterior surgical approaches and rod diameters

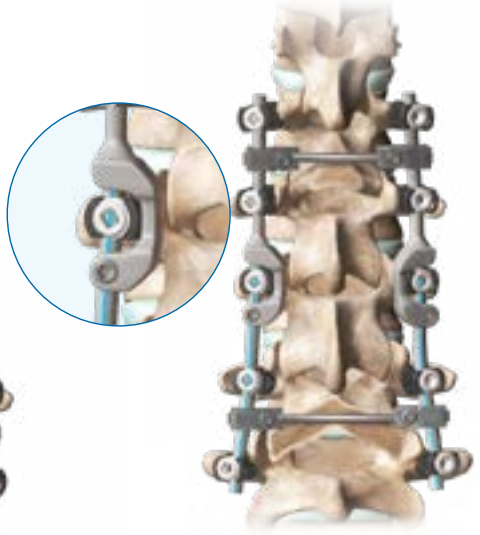
Rigid Fusion Constructs
Revision implants provide mechanical stability at target and adjacent levels

Low-Profile Implants
Implants are designed to minimize interference with bony anatomy

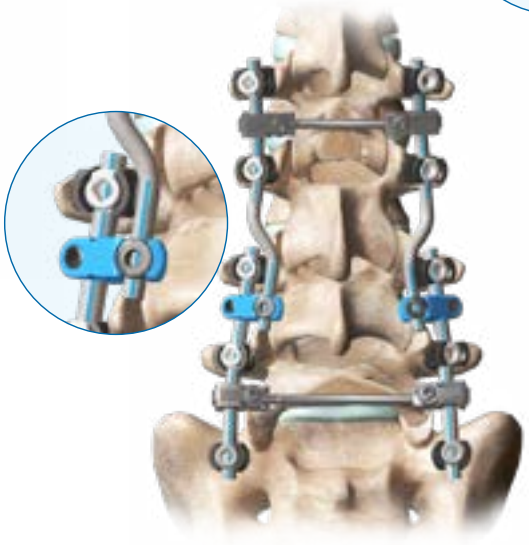
Typical Constructs



Axial In-Line Connector Contruct



Bypass Connector Construct



Side/Top and Z Rod Connector Construct

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