

# Custom Spinal TLSO Bivalve Orthosis

Smooth Overlap



Anterior View



Left Lateral  
View



Posterior View

## Product Overview

The TLSO - Bivalve is a high profile orthosis that allows compression, expansion, and adjustability. This brace covers the entire torso and utilizes a set of three straps on both sides.

## Spinal Indications

- Post-Operative Fusion
- Kyphosis
- Compression Fracture
- Osteoporosis
- Burst Fracture
- Spinal Stenosis
- Spinal Muscular Atrophy
- Laminectomy

## Features

- Bivalve design maximizes anterior and posterior control
- Multiple adjustable straps accommodate volume changes

## Bivalve Opening: Overlap Options & Configurations

### Bivalve Opening Overlap Options:

Smooth Overlap (Pictured), Step Overlap, With Tongues

### Bivalve Configurations:

Anterior over Posterior, Anterior into Posterior

Send your orders to:  
[orders@spinaltech.com](mailto:orders@spinaltech.com)

Send your CAD files to:  
[cad@spinaltech.com](mailto:cad@spinaltech.com)

For product options see  
reverse side.

**Spinal**  
Technology, Inc.



## **Product Options**

### **Recommended Plastic**

Polyethylene (PE) 3/32", 1/8", 5/32", 3/16" (Least Rigid)  
Modified Polyethylene (MPE) 1/8", 5/32", 3/16" (Semi Rigid) (if Transfer pattern is requested)

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### **Available Plastics**

Copolymer (CP) 1/8" or 5/32" depending on patient size  
(Call for available color options)

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### **Recommended Aliplast Liner**

3/16" Aliplast

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### **Other Liner Thickness Available**

1/8", 1/4" Aliplast  
Note: This orthosis can also be unlined.

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### **Spinal Reliefs**

Surgical relief (wide and gradual)  
Spinous Process (narrow)

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### **Sternal Extensions**

Sternal Shield (axilla or shoulder straps)  
Cow Horns  
C.A.S.H. Pad - Cruciform Anterior Spinal Hyperextension (articulating pectoral pads)

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### **Loops & Chafes**

Plastic Loop and Chafe  
Extended Plastic Chafe  
Extended Dacron Chafe

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### **Fasteners**

Screws and Barrel Nuts  
Speedy Rivets

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### **Other available options**

Shoulder straps  
Paraspinal reinforcements