The Spine Line
Complete support from C1 to S1
Quality for life

For 100+ years, Ottobock has been a global leader in developing high-quality medical devices to enable patients to regain mobility and independence.

In 2012, Ottobock acquired Cybertech Medical, a leading spine company and pioneers of the Mechanical Advantage Single Pulley System. Designed to help patients with a wide variety of chronic and acute conditions, our spinal orthoses support patients after an injury or surgery, during rehabilitation, or for everyday support.

To order any of our products or services, contact your local sales representative or our Customer Service team anytime.

- Ottobock US • P 800 328 4058 • F 800 962 2549
  USCustomerService@ottobock.com • professionals.ottobockus.com

- Ottobock Canada • P 800 665 3327 • F 800 463 3659
  CACustomerService@ottobock.com • professionals.ottobock.ca
Cervical

- Smartspine Universal Collar
- Cervical Immobilizer
- CTO
- Minerva

Thoracolumbar Sacral Orthoses

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- Ottobock TLSO
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Low-Profile LSO

Premium Plus Standard

Pathway

Comprehensive LSO

Passport

Fulcrum

Dyneva

MAC Standard

Atlas (C1)
Axis (C2)
C7
T1
T12
L1
L5
Sacrum (S1 – S5)
Coccyx

TLSO
LO
LSO
SO
Cervical

Thoracolumbar

Lumbar

Sacral

Atlas (C1)
Axis (C2)
C7
T1
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L1
L5
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Coccyx

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Cervical

Thoracolumbar

Lumbar

Sacral
Smartspine Universal Collar

50C91 | Semi-Rigid Collar with Thoracic Extension

Universally sized collar reduces inventory, storage space, and overall costs while providing superior long-term patient support.

Features
- Height adjusts in nine different positions using patented VHP (Variable Height Positioning) technology to ensure optimal patient fitting.
- Collar secures in place with dual quick locks to prevent patient tampering and adjustment.
- Simple two-piece design for easy fitting and patient reapplication.
- Supportive yet flexible material can be heat molded and customized for individual patient fitting.
- Vented design and breathable foam liner improve airflow and patient comfort.
- Additional pad set included for patient hygiene.

Indications
Indicated for cervical injuries, cervical disk herniation, severe strains and sprains, and severe radiculopathy.

<table>
<thead>
<tr>
<th>Part no. 50C91</th>
<th>Measure chin to sternal notch</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal</td>
<td>2.5&quot; - 5&quot;</td>
<td>50C91</td>
</tr>
</tbody>
</table>

HCPCS Code: L0174
Cervical Immobilizer

50C74 | Semi-Rigid Collar with Thoracic Extension

A two piece cervical collar designed to limit flexion, extension, rotation, and lateral bending of the cervical region.

Features

• Two-piece system for quick application
• Malleable occipital panel provides a customized fit
• Scalloped diffusion tabs distribute pressure over the chest area for increased patient comfort
• Large anterior tracheotomy opening
• Additional foam pad set included for patient hygiene

Indications

Indicated for flexion, extension, and rotational control of the cervical region; immobilization and spinal alignment; and as an aid in support for other spinal anomalies and post-operative support.

CTO

50C71 | Cervical Thoracic Orthosis

Cervical thoracic brace limiting flexion, extension, and rotation of the cervical region while also supporting the upper spine region.

Features

• MRI compatible
• Vented panels and open design promote airflow and increase patient comfort
• Low profile posterior allows patients to sleep in the brace
• Adjustable chin piece and malleable occipital panel provide a customized fit
• Unique quick adjusting straps and stops ensure the device is reapplied the same every time
• Additional foam pad set included for patient hygiene

Indications

Indicated for use following injury or operative procedures where non-invasive restriction and immobilization of the cervical and upper thoracic spine is desired including Jefferson’s fracture without transverse ligament injury, light wedge fractures following traction or occipital avulsion fractures, post-trauma, and spinal stenosis.
Minerva

50C80 | Cervical Thoracic Orthosis

Cervical thoracic brace with occipital component limiting flexion, extension, and rotation of the cervical region while also supporting the upper spine.

Features
- MRI compatible
- Occipital component with optional forehead strap for increased immobilization
- Vented panels and open design promote airflow and increase patient comfort
- Low-profile posterior allows patients to sleep in the brace
- Adjustable chin piece and malleable occipital panel provide a customized fit
- Unique quick adjusting straps and stops ensure the device is reapplied the same every time
- Additional foam pad set included for patient hygiene

Indications
Indicated for Jefferson’s fracture without transverse ligament injury, light wedge fractures following traction or occipital post-op fractures, post-trauma, arthritis, acute pain, and spinal stenosis.

<table>
<thead>
<tr>
<th>Size</th>
<th>Chin to Shoulder</th>
<th>Mid-Neck Circumference</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/M</td>
<td>2.5”-4”</td>
<td>11”-15”</td>
<td>50C80=S/M</td>
</tr>
<tr>
<td>L/XL</td>
<td>3.25”-5.25”</td>
<td>15”-20”</td>
<td>50C80=L/XL</td>
</tr>
</tbody>
</table>

ø HCPCS Code: L0200
Thoracolumbar
Sacral Orthoses

Cyberspine™ TLSOx4
50R320N | Premium TLSO (T2-S1) with Lateral Control

TLSO offers superior compression and stabilization from T2 to S1 with lateral control.

Features
• Universal sizing option reduces inventory and overall costs
• Molded side stabilizing panels for lateral control
• Tool-free linear thoracic adjustment and adjustable articulating sternal pads
• Soft and padded shoulder straps with quick release buckles
• Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
• One-hand pull system compresses and coners to individual patient anatomy
• Posterior panel incorporates a spinal relief cutout
• Low-profile corset and panels for increased patient compliance
• Modular step-down system is ideal for treatment pre-op, post-op, and throughout rehabilitation
• Mesh corset and breathable anterior and posterior panels for increased patient comfort

Indications
An adjunct to pre- and post-operative procedures, for acute pain relief by thoracic postural extension alignment, for early onset through variable stages of osteoporosis, for compression fractures of the thoracic spine, kyphosis, and thoracic mechanical back pain.

<table>
<thead>
<tr>
<th>Part no. 50R320N</th>
<th>Measure waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Waist Circumference</td>
</tr>
<tr>
<td>Universal</td>
<td>Up to 55”</td>
</tr>
<tr>
<td>S</td>
<td>25”-30”</td>
</tr>
<tr>
<td>M</td>
<td>30”-35”</td>
</tr>
<tr>
<td>L</td>
<td>35”-40”</td>
</tr>
<tr>
<td>XL</td>
<td>40”-45”</td>
</tr>
<tr>
<td>XXL</td>
<td>45”-50”</td>
</tr>
</tbody>
</table>

© HCPCS Code: L0464
Ottobock TLSO

50R152N | Premium TLSO (T2-S1)

TLSO offers superior compression and stabilization from T2 to S1.

Features

• Tool-free linear thoracic adjustment and adjustable articulating sternal pads
• Soft and padded shoulder straps with quick-release buckles
• Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
• One-hand pull system compresses and connotes to individual patient anatomy
• Posterior panel incorporates a spinal relief cutout
• Low-profile corset and panels for increased patient compliance
• Modular step-down system is ideal for treatment pre-op, post-op, and throughout rehabilitation
• Mesh corset and breathable anterior and posterior panels for increased patient comfort

Indications

An adjunct to pre- and post-operative procedures, for acute pain relief by thoracic postural extension alignment, early onset through variable stages of osteoporosis, compression fractures of the thoracic spine, kyphosis, and thoracic mechanical back pain.


Part no. 50R152N | Measure waist circumference | Part Number
---|---|---
S | 25"-30" | 50R152NL=S
M | 30"-35" | 50R152NM=M
L | 35"-40" | 50R152NL=L
XL | 40"-45" | 50R152NXL=XL

Ottobock Extension Orthosis

50R73N | Hyperextension Support

TLSO offers 5:1 compression for extension support.

Features

• Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
• One-hand pull system compresses and connotes to individual patient anatomy
• Posterior panel can be customized for individual patient anatomy
• Low-profile corset and anterior panel for increased patient compliance
• Padded anterior and posterior panels for increased patient comfort
• Padded shoulder straps

Indications

Indicated for prevention of unwanted spinal flexion of the thoracic and lumbar spine, compression fractures, and osteoporosis.


Part no. 50R73N | Measure waist circumference | Part Number
---|---|---
S | 30"-35" | 50R73NS=S
M | 35"-40" | 50R73NM=M
L | 40"-45" | 50R73NL=L
XL | 45"-50" | 50R73XNL=XL

HCPCS Codes: L0456, L0457
Postural Extension

50R131N | Hyperextension Support

TLSO offers dual 5:1 compression systems for extension support.

Features
• Spring-loaded hinged pelvic band rotates as patients move from a seated to standing position and helps prevent migration
• Aluminum frame can be customized for individual patient anatomy
• Frame easily adjusts without removing screws in both height and width
• Quick-release closure system and secure locking latch
• Articulating sternal pad for increased patient comfort and compliance

Indications
Indicated for prevention of unwanted spinal flexion of the thoracic and lumbar spine, compression fractures, and osteoporosis

Hyper-X Plus TLSO

28R128 | Hyperextension Support

Traditional design extends or hyperextends the thoracic spine with sagittal control.

Features
• Spring-loaded hinged pelvic band rotates as patients move from a seated to standing position and helps prevent migration
• Aluminum frame can be customized for individual patient anatomy
• Frame easily adjusts without removing screws in both height and width
• Quick-release closure system and secure locking latch
• Articulating sternal pad for increased patient comfort and compliance

Indications
Indicated for prevention of unwanted spinal flexion of the thoracic and lumbar spine, compression fractures, and osteoporosis

<table>
<thead>
<tr>
<th>Part no. 28R128</th>
<th>Measure waist circumference</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/M</td>
<td>25&quot; - 40&quot;</td>
</tr>
<tr>
<td>L/XL</td>
<td>40&quot; - 55&quot;</td>
</tr>
</tbody>
</table>

HCPCS Code: L0472

<table>
<thead>
<tr>
<th>Part no. 50R131N</th>
<th>Measure waist circumference</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/M</td>
<td>20&quot; - 45&quot;</td>
<td>50R131N=1</td>
</tr>
<tr>
<td>L/XL</td>
<td>40&quot; - 55&quot;</td>
<td>50R131N=2</td>
</tr>
</tbody>
</table>

HCPCS Codes: L0456, L0457
Hyperextension Orthosis

**28R18 | Hyperextension Brace**

TLSO offers dual 5:1 compression systems for extension support.

**Features**
- Three-point pressure system to assist with spinal posture
- Stabilizes upper thoracic to lower lumbar spine
- Spring-loaded pelvic band is hinged for easy transition from sitting to standing
- Simple side adjustments and thumb loop for easy donning and individualized fitting

**Indications**
- Osteoporosis
- Unwanted spinal flexion of the lumbar and thoracic spine
- Compression fractures in thoracic spine

**Part no. 28R18**

<table>
<thead>
<tr>
<th>Size</th>
<th>Measure pelvic circumference and front length.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>15.5&quot;-18&quot;</td>
</tr>
<tr>
<td>Medium Short</td>
<td>16.5&quot;-19&quot;</td>
</tr>
<tr>
<td>Medium</td>
<td>17.5&quot;-20.5&quot;</td>
</tr>
<tr>
<td>Large Short</td>
<td>18.5&quot;-21&quot;</td>
</tr>
<tr>
<td>Large</td>
<td>19.5&quot;-22&quot;</td>
</tr>
<tr>
<td>Extra Large Short</td>
<td>20.5&quot;-25&quot;</td>
</tr>
<tr>
<td>Extra Large</td>
<td>21.5&quot;-28&quot;</td>
</tr>
</tbody>
</table>

HCPCS Code: L0472

Cybercross TLSO

**28R27 | Extension Orthosis (T2/T3 – S1)**

Anterior extension orthosis for control of the mid thoracic and lumbar spine, utilizing a three-point system.

**Features**
- Posterior support can be customized for individual patient anatomy using aluminum stay
- Quick-release closure system and secure locking latch
- Articulating pelvic and sternal pads for increased patient comfort and compliance
- Tool-free, quick-pull height adjustments
- Soft waterproof padding for patient comfort

**Indications**
- Osteoporosis
- Unwanted thoracic flexion
- Compression fractures in thoracic spine

**Part no. 28R27**

<table>
<thead>
<tr>
<th>Size</th>
<th>Measure waist circumference.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>18&quot;-18&quot;</td>
</tr>
</tbody>
</table>

HCPCS Code: L0472

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**Measurements**

- **Part no. 28R18**
  - Measure pelvic circumference and front length.
  - **Part Number**: 28R18-4

- **Part no. 28R27**
  - Measure waist circumference.
  - **Part Number**: 28R27
Lumbar Sacral Orthoses & Lumbar Orthoses

Option 1

50R218N=1 | Universal LO

Elastic LO offers support and compression from L1 to S1.

Features
- Breathable elastic material for all-day wear
- Integrated plastic supports help stabilize the spine
- Adjustable elastic straps for increased compression and support
- Pocket closure system eases donning
- Anatomic design contours to the lordosis of the spine
- Optional breathable massaging pad promotes blood circulation and muscle function

Indications
Indicated for moderate stabilization of the lumbar spine.

<table>
<thead>
<tr>
<th>Size</th>
<th>Measure waist circumference</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal</td>
<td>25” - 42”</td>
<td>50R218N=1</td>
</tr>
<tr>
<td>XL</td>
<td>Up to 65”</td>
<td>50R218N=1-XL</td>
</tr>
</tbody>
</table>

HCPCS Codes: L0627, L0642
Option 2

50R218N=2 | Universal LSO (T9 - S1)

Universally sized LSO offers 5:1 compression and stabilization to fit most patients with one brace.

Features
• Universal sizing reduces sizes on hand from 5:1, and the corset easily trims or folds to size
• Adjustable cord allows the pull tab to shorten or lengthen to fit every patient
• Anatomically contoured posterior panel can be heat molded and customized to fit individual patients, and the removable anterior panel provides ease of use
• Unique pulley system reduces friction and offers a 5:1 mechanical advantage, applying five pounds of intra-abdominal compression for each pound of pull
• Single one-hand pull self regulates compression to accommodate various girths and shapes for a more customized fit, and the corset flips for a right or left pull

Indications
Indicated for post-operative stabilization protocol following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disk replacement, IDET procedures, multi-level decompression.

<table>
<thead>
<tr>
<th>Measure waist circumference</th>
<th>Universal</th>
<th>XL</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>25”-55”</td>
<td>Up to 65”</td>
<td>50R218N=2</td>
</tr>
</tbody>
</table>

HCPCS Codes: L0631, L0648

Option 3

50R218N=3 | Universal LSO (T9-S1) with Lateral Control

Universally sized LSO with lateral control offers 5:1 compression and stabilization to fit most patients with one brace.

Features
• Universal sizing reduces sizes on hand from 5:1, and the corset easily trims or folds to size
• Adjustable cord allows the pull tab to shorten or lengthen to fit every patient
• Anatomically contoured posterior panel can be heat molded and customized to fit individual patients, and the removable anterior panel provides ease of use
• Unique pulley system reduces friction and offers a 5:1 mechanical advantage, applying five pounds of intra-abdominal compression for each pound of pull
• Single one-hand pull self regulates compression to accommodate various girths and shapes for a more customized fit, and the corset flips for a right or left pull

Indications
Indicated for post-operative stabilization protocol following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disk replacement, IDET procedures, multi-level decompression.

<table>
<thead>
<tr>
<th>Measure waist circumference</th>
<th>Universal</th>
<th>XL</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>25”-55”</td>
<td>Up to 65”</td>
<td>50R218N=3</td>
</tr>
</tbody>
</table>

HCPCS Codes: L0637, L0650
Multi 627
50R319N=627 | Universal LO (L1-S1)

Universally sized LO offers superior 6:1 compression and stabilization to fit most patients with one brace.

Features
• New universal sizing reduces size on hand from 6:1, and the corset easily adjusts to accommodate 25” to 55” waists using the unique pocket system
• Adjustable cord allows the pull tab to shorten or lengthen to fit every patient
• Anatomically contoured posterior panel can be heat molded and customized to fit individual patients, and the removable anterior panel provides ease of use
• Unique pulley system reduces friction and offers a 6:1 mechanical advantage, applying six pounds of intra-abdominal compression for each pound of pull
• Single one-hand pull self regulates compression to accommodate various girths and shapes for a more customized fit, and the corset flips for a right or left pull

Indications
Indicated for post-operative stabilization protocol following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disk replacement, IDET procedures, multi-level decompression.

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Measure waist circumference</th>
<th>Size</th>
<th>Waist Circumference</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>50R319N=627</td>
<td>Universal</td>
<td>25”-55”</td>
<td>627</td>
<td>50R319N=627</td>
</tr>
</tbody>
</table>

Multi 631
50R319N=631 | Universal LSO (T9-S1)

Universally sized LSO offers superior 6:1 compression and stabilization to fit most patients with one brace.

Features
• New universal sizing reduces size on hand from 6:1, and the corset easily adjusts to accommodate 25” to 55” waists using the unique pocket system
• Adjustable cord allows the pull tab to shorten or lengthen to fit every patient
• Anatomically contoured posterior panel can be heat molded and customized to fit individual patients, and the removable anterior panel provides ease of use
• Unique pulley system reduces friction and offers a 6:1 mechanical advantage, applying six pounds of intra-abdominal compression for each pound of pull
• Single one-hand pull self regulates compression to accommodate various girths and shapes for a more customized fit, and the corset flips for a right or left pull

Indications
For post-operative stabilization protocol following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disk replacement, IDET procedures, multi-level decompression.

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Measure waist circumference</th>
<th>Size</th>
<th>Waist Circumference</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>50R319N=631</td>
<td>Universal</td>
<td>25”-55”</td>
<td>631</td>
<td>50R319N=631</td>
</tr>
</tbody>
</table>

HCPCS Codes:
L0627, L0642

HCPCS Codes:
L0631, L0648
Multi 637

50R319N=637 | Universal LSO (T9-S1) with Lateral Control

Universally sized LSO with lateral control offers superior 6:1 compression and stabilization to fit most patients with one brace.

Features
- New universal sizing reduces size on hand from 6:1, and the corset easily adjusts to accommodate 25” to 55” waists using the unique pocket system
- Adjustable cord allows the pull tab to shorten or lengthen to fit every patient
- Anatomically contoured posterior panel can be heat molded and customized to fit individual patients, and the removable anterior panel provides ease of use
- Unique pulley system reduces friction and offers a 6:1 mechanical advantage, applying six pounds of intra-abdominal compression for each pound of pull
- Single one-hand pull self-regulates compression to accommodate various girths and shapes for a more customized fit, and the corset flips for a right or left pull

Indications
For post-operative stabilization protocol following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disk replacement, IDET procedures, multi-level decompression.

LO offers compression and stabilization from L1 to S1 with a 5:1 mechanical advantage.

Features
- Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
- One-hand pull system compresses and conos to individual patient anatomy
- Low-profile corset and panels for increased patient compliance
- Modular step-down system is ideal for treatment pre-op, post-op, and through rehabilitation
- Mesh corset for increased patient comfort

Indications
Indicated for low back pain sprains and strains, lumbar disc displacement, osteoporosis, disc degeneration, disc herniation, post-operative fusion, laminectomy, discectomy, IDET procedures, spondylolisthesis and spinal stenosis.

Part no. 50R319N=637

Measure waist circumference.

<table>
<thead>
<tr>
<th>Size</th>
<th>Waist Circumference</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal</td>
<td>25”-55”</td>
<td>50R319N=637</td>
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</tbody>
</table>

Part no. 50R151N

Measure waist circumference.

<table>
<thead>
<tr>
<th>Size</th>
<th>Waist Circumference</th>
<th>Low-Profile Part Number</th>
<th>Standard Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>25”-30”</td>
<td>50R151N=S</td>
<td>50R145N=S</td>
</tr>
<tr>
<td>M</td>
<td>30”-35”</td>
<td>50R151N=M</td>
<td>50R145N=M</td>
</tr>
<tr>
<td>L</td>
<td>35”-40”</td>
<td>50R151N=L</td>
<td>50R145N=L</td>
</tr>
<tr>
<td>XL</td>
<td>40”-45”</td>
<td>50R151N=XL</td>
<td>50R145N=XL</td>
</tr>
<tr>
<td>XXL</td>
<td>45”-50”</td>
<td>50R151N=XXL</td>
<td>50R145N=XXL</td>
</tr>
<tr>
<td>XXXL</td>
<td>50”-55”</td>
<td>50R151N=XXXL</td>
<td>50R145N=XXXL</td>
</tr>
</tbody>
</table>
Our classic LSO offers 6:1 compression and stabilization from L1 to S1.

Features
- Unsurpassed compression and support with a 6:1 mechanical advantage pulley system
- One-hand pull system compresses and cones to individual patient anatomy
- Rigid posterior and anterior panels can be heat molded for customized fit
- Modular step-down system is ideal for treatment pre-op, post-op, and throughout rehabilitation
- Bariatric sizes available fitting patients up to 68” waists

Indications
For post-operative stabilization protocol following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disk replacement, IDET procedures, multi-level decompression.

Part no. 50R210N
<table>
<thead>
<tr>
<th>Size</th>
<th>Waist Circumference</th>
<th>Low-Profile Part Number</th>
<th>Standard Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>25”-30”</td>
<td>50R210N=LB-1</td>
<td>50R210N=1</td>
</tr>
<tr>
<td>M</td>
<td>30”-35”</td>
<td>50R210N=LB-2</td>
<td>50R210N=2</td>
</tr>
<tr>
<td>L</td>
<td>35”-40”</td>
<td>50R210N=LB-3</td>
<td>50R210N=3</td>
</tr>
<tr>
<td>XL</td>
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<td>50R210N=LB-4</td>
<td>50R210N=4</td>
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<td>50R210N=5</td>
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<tr>
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<td>50”-55”</td>
<td>50R210N=LB-6</td>
<td>50R210N=6</td>
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<tr>
<td>XXXXL</td>
<td>56”-68”</td>
<td>50R210N=LB-7</td>
<td>50R210N=7</td>
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</table>

LO offers 5:1 compression and stabilization from L1 to S1.

Features
- Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
- One-hand pull system compresses and cones to individual patient anatomy
- Low-profile corset and panels for increased patient compliance
- Modular step-down system is ideal for treatment pre-op, post-op, and throughout rehabilitation
- Mesh corset and breathable anterior and posterior panels for increased patient comfort

Indications
Indicated for lumbar mechanical back pain, spinal stenosis, degenerative disc, spondylolysis, spondylolisthesis, trauma, herniated/dislocating disc, facet syndrome, and post-operative stabilization protocol following laminotomy, foraminotomy, IDET procedures, anterior laproscopic fusion, posterior lateral fusion, and multi-level decompression.

Part no. 50R216N
<table>
<thead>
<tr>
<th>Size</th>
<th>Waist Circumference</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
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**Comprehensive LSO**

**50R154N | Specialty LSO (T9-S1)**

LSO offers 5:1 compression and stabilization from T9 to S1.

**Features**
- Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
- One-hand pull system compresses and conset to individual patient anatomy
- Low-profile corset and panels for increased patient comfort
- Modular step-down system is ideal for pre-op, post-op, and throughout rehabilitation
- Padded anterior and posterior panels for increased patient comfort

**Indications**
For lumbar mechanical back pain, spinal stenosis, facet syndrome, spondylolisthesis, trauma, and post-operative stabilization protocol following laminotomy, foraminotomy, IDET procedures, anterior laproscopic fusion, and multi-level decompression.

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**Passport**

**50R215N | Premium LSO (T9-S1)**

LSO offers 5:1 compression and stabilization from T9 to S1.

**Features**
- Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
- One-hand pull system compresses and conset to individual patient anatomy
- Low-profile corset and panels for increased patient comfort
- Modular step-down system is ideal for pre-op, post-op, and throughout rehabilitation
- Mesh corset and breathable anterior and posterior panels for increased patient comfort

**Indications**
Indicated for degenerative and bulging discs, lumbosacral mechanical back pain, spinal stenosis, spondylolisthesis, facet syndrome, herniated/bulging discs, post-operative stabilization protocol following laminotomy, foraminotomy, IDET procedures, anterior laproscopic fusion, posterior lateral fusion, and multi-level decompression.

**Size**

<table>
<thead>
<tr>
<th>Size</th>
<th>Waist Circumference</th>
<th>Part Number</th>
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<td>S00154N-XL</td>
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**HCPSC Codes:** L0631, L0648
Fulcrum

50R153N | Premium LSO (T9-S1) with Lateral Control

LSO offers superior 6:1 compression and stabilization from T9 to S1 with lateral control.

Features
- Unsurpassed compression and support with a 6:1 mechanical advantage pulley system
- One-hand pull system compresses and conos to individual patient anatomy
- Low-profile corset and panels for increased patient comfort
- Modular step-down system is ideal for treatment pre-op, post-op, and throughout rehabilitation
- Mesh corset and breathable anterior, posterior, and lateral panels for increased patient comfort

Indications
Indicated for post-operative stabilization following spinal fusion, laminectomy/laminotomy, foraminotomy, laproscopic disc replacement, IDAT procedures, and multi-level decompression, burst fracture and facet syndrome, and chronic and mechanical low back pain.

Part no. 50R153N

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<tr>
<th>Size</th>
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</table>

• HCPCS Code: L0637, L0650


Dyneva

50R300 | Spinal Flexion Orthosis (T9 - S1)

LSO offers dynamic flexion of the lumbar spine from T9-S1.

Features
- Simple, customized fitting by a practitioner
- Open frame design for optimal breathability and patient compliance
- Unique dynamic realignment spring adjusts torque applied for flexion of the lumbar spine
- Anterior pocket closure system eases donning and doffing
- Patient pull tabs for abdominal compression
- Adjustable corset extension system for petite and pendulous sizing
- Semi-custom options allow adaptation for unique anatomies

Indications
Indicated for pain relief of the lumbar spine caused by lumbar spinal stenosis, lumbar facet joint syndrome, lumbar radiculopathies, lumbar instability (spondylolisthesis and spondylolysis), spondyloarthrosis, intervertebral disc herniation and protrusion in the lumbar spine, and general degenerative changes with reduced intervebral disc height.

Part no. 50R300

<table>
<thead>
<tr>
<th>Size</th>
<th>Torso Width (A)</th>
<th>Torso Width (B)</th>
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<td>M</td>
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• HCPCS Code: L0635

• HCPCS Code: L0635

• HCPCS Code: L0637, L0650
**MAC Standard**

**50R148N | Mechanical Advantage Corset**

Mechanical advantage corset offers 3:1 compression and control from L1 to S1.

**Features**
- Compression and support with a 3:1 mechanical advantage pulley system
- One-hand pull system compresses and contours to individual patient anatomy
- Low-profile corset can be worn under clothing for increased patient compliance

**Indications**
Indicated for low back pain sprains and strains, lumbar disc displacement, osteoporosis, disc degeneration, disc herniation, post-operative fusion, laminectomy, discectomy, IDET procedures, spondylolisthesis and spinal stenosis.

### Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>Waist Circumference</th>
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<th>Standard Part Number</th>
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**HCPCS Code: L0641**
Sacral Orthoses

SO offers superior compression and stabilization from L5 to the coccyx.

Features

• Unsurpassed compression and support with a 5:1 mechanical advantage pulley system
• One-hand pull system compresses and constricts individual patient anatomy
• Ultra-low-profile corset and panels for increased patient compliance
• Pressure pads can be adjusted or removed for increased patient comfort
• Mesh corset for increased patient comfort

Indications

Indicated for sacroiliac joint pain or instability, symphyloysis, and arthritis.

<table>
<thead>
<tr>
<th>Part no.</th>
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<th>Size</th>
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<td>S</td>
<td>35&quot;-50&quot;</td>
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<tr>
<td></td>
<td></td>
<td>35&quot;-50&quot;</td>
<td>Standard</td>
<td>23&quot;-50&quot;</td>
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HCPCS Code: L0621
Ottobock Spine Line

Visit our website to view our complete spine portfolio and further product details including information for use, fitting guides, spare parts, accessories, and more.

US: professionals.ottobockus.com
CA: professionals.ottobock.ca