# VARI-FLEX®

## Introduction

CARBONX™ ACTIVE HEEL

- Easy to fit with 30mm carbon pylon.
- Lightweight yet extremely strong for maximum performance
- Readily cosmetically finished with slender profile
- Available in low and high heel
- Maximum patient weight is 365 lbs. (166kg)
- Rated for all impact levels
- Ped. categories (1-6) 19-24cm
  Adult categories (1-3) 19-21cm
  Adult categories (1-9) 22-30cm
- 30 month warranty

## Vari-Flex® Impact Levels - Low, Moderate and High

**LOW** - Daily activities involving limited and steady actions at low levels of impact on the prosthesis.
**Examples:** Household ambulator.

**MODERATE** - Daily activities involving typically normal and repetitive actions at moderate levels of impact on the prosthesis.
**Examples:** Prolonged walking with rapid and varied cadence. Community ambulator, occasional recreational sporting activities.

**HIGH** - Daily activities involving rigorous and repetitive actions at high levels of impact on the prosthesis.
**Examples:** Lifting, jumping, climbing, running, skiing.

## Vari-Flex® Category Selection Guide

| WEIGHT | kg | 44-52 | 53-59 | 60-68 | 69-77 | 78-88 | 89-100 | 101-116 | 117-130 | 131-147 | 148-166 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | lbs | 100-115 | 116-130 | 131-150 | 151-170 | 171-195 | 196-220 | 221-255 | 256-285 | 286-325 | 326-365 |
| IMPACT LEVEL | Low | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Mod. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| | High | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |

| PEDIATRIC SELECTION GUIDE | WEIGHT | kg | 9-13 | 14-17 | 18-22 | 23-29 | 30-35 | 36-45 |
|---|---|---|---|---|---|---|---|---|
| | | lbs | 20-29 | 30-39 | 40-49 | 50-64 | 65-79 | 80-99 |
| | IMPACT LEVEL | Mod. | P1 | P2 | P3 | P4 | P5 | P6 |
| | | High | P2 | P3 | P4 | P5 | P6 | A1 |


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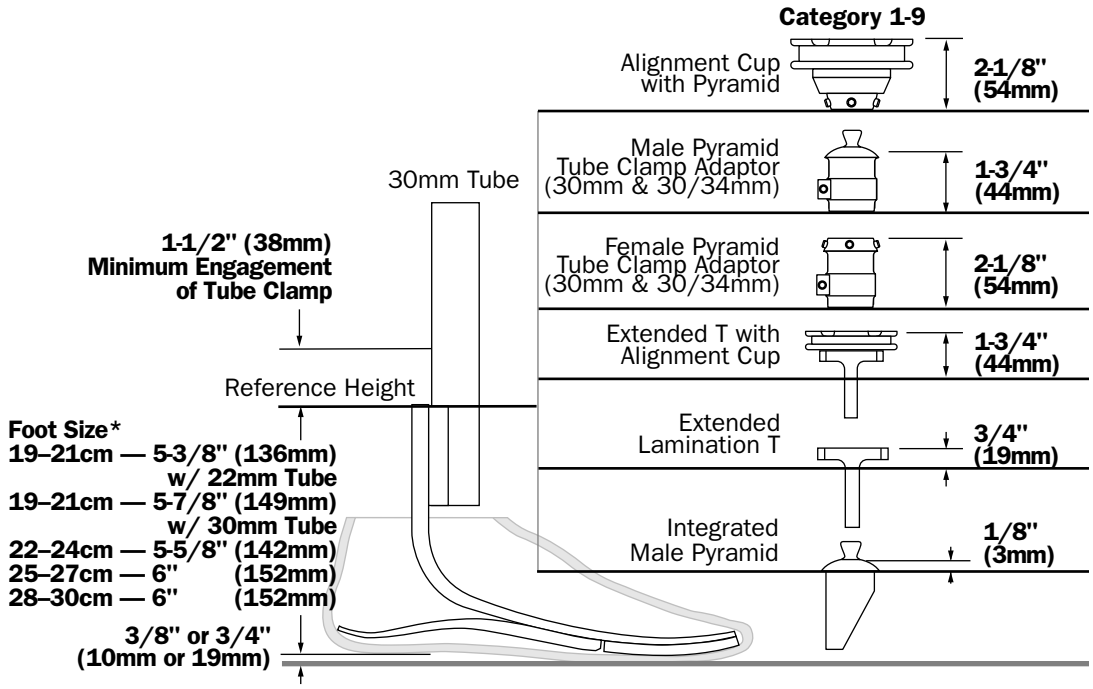
## Clearance



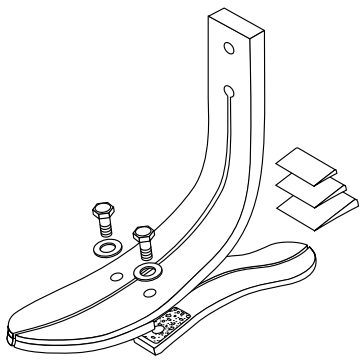

*All measures using 3/8" (10mm) Heel

## Vari-Flex® Kits - Adult

**PART NUMBER SYSTEM**

Category
Foot Size

VFX0 ☐☐☐☐ 0 — Adult, Split Toe, Low Heel
VFX0 ☐☐☐☐ 1 — Adult, Solid Toe, Low Heel
VFX0 ☐☐☐☐ 2 — Adult, Split Toe, High Heel
VFX0 ☐☐☐☐ 3 — Adult, Solid Toe, High Heel



Adult (1-3) 19-21cm
Adult (1-9) 22-30cm

**Includes**

- Foot Module
- Heel Module
- Heel Attachment Hardware
- Heel Wedges

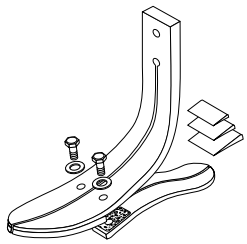
# VARI-FLEX®

## Vari-Flex® Kits - Pediatric

**PART NUMBER SYSTEM**

Category
Foot Size

VFX0 □ □□ 4 — Ped. (5-6), Split Toe, 30mm Tube Attachment
VFX0 □ □□ 5 — Ped. (1-6), Solid Toe, 30mm Tube Attachment
VFX0 □ □□ 6 — Ped. (5-6), Split Toe, 22mm Tube Attachment
VFX0 □ □□ 7 — Ped. (1-6), Solid Toe, 22mm Tube Attachment



Ped. (1-6) 19-24cm

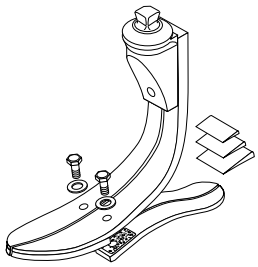
## Vari-Flex® with Pyramid Kits - Adult

**PART NUMBER SYSTEM**

Category
Foot Size

VFP0 □ □□ 0 — Adult, Split Toe, Low Heel
VFP0 □ □□ 1 — Adult, Solid Toe, Low Heel
VFP0 □ □□ 2 — Adult, Split Toe, High Heel
VFP0 □ □□ 3 — Adult, Solid Toe, High Heel

(Choose a male pyramid option and add the cost to make a complete kit.)



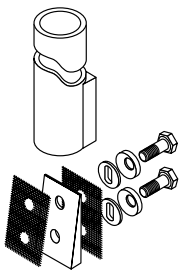
Adult (1-8) 19-30cm

## Foot and Standard Adapters

### 22/30mm Carbon Fiber Tube Kit

| Part # | Cat. | Dia. | Length | Hole Spacing | Weight (gm) |
|---|---|---|---|---|---|
| VFX00002 | Ped. (1-6)19-24cm | 22mm | 9"(229mm) | 1" (25mm) | 190 |
| VFX00003 | Ped. (1-6)19-24cm | 30mm | 9"(229mm) | 1-1/2" (38mm) | 216 |
| VFX00004 | Adult (7-9)22-30cm | 30mm | 9"(229mm) | 1-1/2" (38mm) | 275 |
| VFX00006 | Adult (1-6)19-30cm | 30mm | 15"(381mm) | 1-1/2" (38mm) | 293 |
| VFX00007 | Adult (7-9)22-30cm | 30mm | 15"(381mm) | 1-1/2" (38mm) | 369 |

**Includes**
- Alignment wedges
- Pylon with Outsert
- Spherical washers
- Attachment Bolts and Hardware
- Friction Pads

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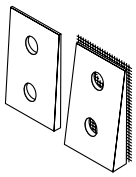
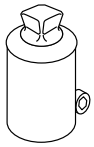
# Foot and Standard Adapters

## Alignment Wedges for Tube Kit



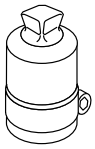
| Part # | Cat. | Includes |
|---|---|---|
| CM150041 | Ped. (1-6) | • 2 Wedges |
| CM150041 | Adult (1-3) | • Friction Pad |
| CM150042 | Adult (4-9) | • Loctite |

## Male Pyramid Tube Clamp Adapter 30mm



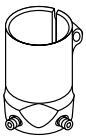
| Part # | Cat. | Dia. | Weight (gm) | Includes |
|---|---|---|---|---|
| MCX00003 | (1-9) | 30mm (titanium) | 84 | • Male Pyramid Clamp<br>• Clamp Screw<br>• Pinch Block |

## Male Pyramid Tube Clamp Adapter 30/34mm



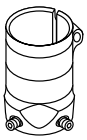
| Part # | Cat. | Dia. | Weight (gm) | Includes |
|---|---|---|---|---|
| MCX00002 | (1-9) | 30mm/34mm (titanium) | 91 | • Male Pyramid Clamp<br>• Clamp Screw<br>• Clamp Sleeve |

## Female Pyramid Tube Clamp Adapter 30mm



| Part # | Cat. | Dia. | Weight (gm) | Includes |
|---|---|---|---|---|
| MCX00004 | (1-9) | 30mm (titanium) | 91 | • Female Pyramid Clamp<br>• Angulation Screws<br>• Clamp Screw |

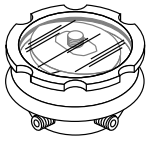
## Female Pyramid Tube Clamp Adapter 30/34mm



| Part # | Cat. | Dia. | Weight (gm) | Includes |
|---|---|---|---|---|
| MCX00001 | (1-9) | 30mm/34mm (titanium) | 101 | • Female Pyramid Clamp<br>• Angulation Screws<br>• Clamp Screw<br>• Clamp Sleeve |

## Carbon Fiber Alignment Cup with Female Pyramid

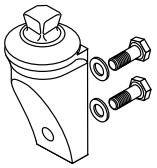
| Part # | Cat. | Diameter | Bolt Size | Weight (gm) | Includes |
|---|---|---|---|---|---|
| MCX00204 | Small (1-6) | 2-3/4" (70mm) | M10 x 25mm | 204 | • Alignment Cup |
| MCX00205 | Medium (1-6) | 3-1/4" (83mm) | M10 x 30mm | 235 | • Cloth Kit |
| MCX00206 | Medium (7-9) | 3-1/4" (83mm) | M12 x 32mm | 309 | • Attachment Hardware |



# Foot and Standard Adapters

## Integrated Male Pyramid Adapter

| Part # | Cat. | Weight (gm) | Includes |
|---|---|---|---|
| CM100007 | Adult 1-6 | 180 | • Pyramid |
| CM100008 | Adult 7-8 | 220 | • Hardware |
| | | | • Loctite |

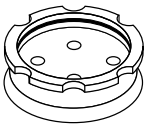


## 30mm Carbon Fiber Tube Clamp Circular

| Part # | Cat. | Bolt Head | Weight (gm) | Includes |
|---|---|---|---|---|
| CM100004 | 1-6 | M6 - hex head | 111 | • 4 Hole Clamp |
| CM100005 | 1-6 | 1/4" - hex head | 117 | • Hardware |
| CM100006 | 1-6 | M6 - flat head | 147 | • Loctite |

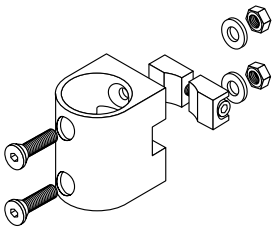
## 4-Hole Cup - M6 threads

| Part # | Cat. | Diameter | Weight (gm) |
|---|---|---|---|
| CM140150 | Adult 1-9 | 3-1/4" (83mm) | 93 |



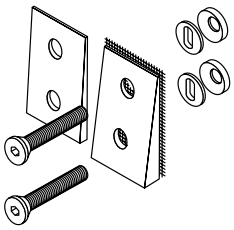
## ICON™ 34mm Tube Clamp for Vari-Flex®

| Part # | Weight Limit | Weight (gm) | Includes |
|---|---|---|---|
| ICN008 | 220lbs (100kg) | 184 | • ICON Clamp |
| | | | • Pinch Block |
| | | | • Attachment Hardware |
| | | | • Loctite |



## ICON™ Alignment Wedges for Vari-Flex®

| Part # | Includes |
|---|---|
| ICN50002 | • Alignment Wedges |
| | • Friction Pad |
| | • Hardware |
| | • Loctite |



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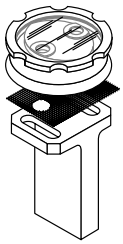
# Foot and Standard Adapters

## Extended T with Alignment Cup

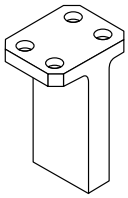
| Part # | Cat. | Diameter | Weight (gm) | Includes |
|---|---|---|---|---|
| VFX00024 | Adult (1-3) | 2-3/4" (70mm) | 260 | • Alignment wedges |
| VFX00025 | Adult (4-6) | 3-1/4" (83mm) | 379 | • Attachment Hardware |
| VFX00026 | Adult (7-9) | 3-3/4" (95mm) | 536 | • Extended Slotted T |
| | | | | • Alignment Cup |
| | | | | • Cloth Kit |



## Extended T with 4-hole Pattern - 6M

For knee & attachment blocks

| Part # | Cat. | Weight (gm) | Includes |
|---|---|---|---|
| VFX00031 | Adult (1-3) | 205 | • Alignment wedges |
| VFX00033 | Adult (4-6) | 268 | • Attachment Hardware |
| VFX00041 | Adult (7-9) | 328 | • Extended 4-hole T |
| | | | • Friction Pad |
| | | | • Loctite |



## Extended T with 4-hole Pattern - 1/4”

For knee & attachment blocks

| Part # | Cat. | Weight (gm) | Includes |
|---|---|---|---|
| VFX00032 | Adult (1-3) | 205 | • Alignment wedges |
| VFX00034 | Adult (4-6) | 265 | • Attachment Hardware |
| VFX00042 | Adult (7-9) | 329 | • Extended 4-hole T |
| | | | • Friction Pad |
| | | | • Loctite |

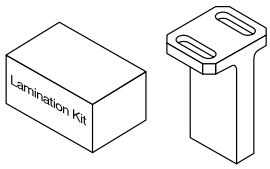
## Extended T with 4-hole Pattern and 6M Hardware

For pyramid attachment

| Part # | Cat. | Weight (gm) | Includes |
|---|---|---|---|
| CM100032 | Adult (1-3) | 230 | • Extended 4-hole T |
| CM100034 | Adult (4-6) | 289 | • Pyramid Attachment Hardware |
| CM100040 | Adult (7-9) | 354 | • Attachment Hardware |
| | | | • Friction Pad |
| | | | • Alignment Wedges |
| | | | • Loctite |

## Extended Lamination T with Lamination Kit and Hardware

| Part # | Cat. | Weight (gm) | Includes |
|---|---|---|---|
| VFX00021 | Adult (1-3) | 137 | • Alignment wedges |
| VFX00022 | Adult (4-6) | 208 | • Attachment Hardware |
| VFX00023 | Adult (7-9) | 289 | • Extended Slotted T (no holes) |
| | | | • Lamination Kit |



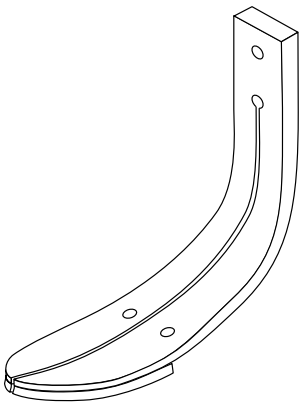
# Miscellaneous Components

## Foot Module

**PART NUMBER SYSTEM**

Category
Foot Size
VFX1 □□□□ 5* Pediatric
VFX1 □□□□ 0 Adult, Split Toe
VFX1 □□□□ 1 Adult, Solid Toe

**Cat.**
Ped. (1-6) 19-24cm
Adult (1-3) 19-21cm
Adult (1-9) 22-30cm



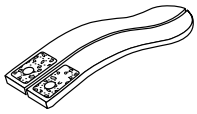
*Specify Solid or Split Toe, 1" (25mm) or 1-1/2" (38mm) hole spacing

## Low Heel (3/8") (10mm)

**PART NUMBER SYSTEM**

Category
Foot Size
VFX2 □□□□ 5 Pediatric
UNH2 □□□□ 0 Adult, Split Heel
UNH2 □□□□ 1 Adult, Solid Heel

**Cat.**
Ped. (1-6) 19-24cm
Adult (1-9) 19-30cm

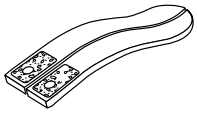


## High Heel (3/4") (19mm)

**PART NUMBER SYSTEM**

Category
Foot Size
UNH2 □□□□ 2 Adult, Split Heel
UNH2 □□□□ 3 Adult, Solid Heel

**Cat.**
Adult (1-9) 19-30cm



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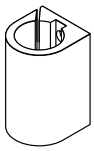
# Miscellaneous Components

## Tube Insert for Categories 7-9, 30mm Tube

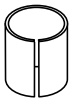
| Part # | Cat. | Dia. | Weight (gm) |
|---|---|---|---|
| CM140241 | (7-9) | 30mm | 18 |

## 30mm Alignment Fitting Tool Kit



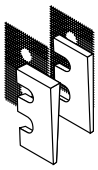
| Part # | Cat. | Includes |
|---|---|---|
| VFX00008 | Adult (1-9) | • Attachment Hardware<br>• Alignment Tool |

## Aluminum Sleeve Adapter



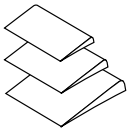
| Part # | Cat. | Size |
|---|---|---|
| CM132018 | Adult (1-6) | 30/34mm |
| CM163036 | Adult (1-6) | 30/35mm |

## Temporary Alignment Wedges



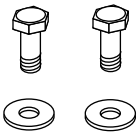
| Part # | Cat. |
|---|---|
| CM100204 | Adult (1-9) |

## Heel Wedge Kit



| Part # | Cat. | Includes |
|---|---|---|
| CM150006 | (1-3) 16-27cm | • 3 Wedges |
| CM150009 | (1-3) 28-30cm | • Adhesive |
| CM150009 | (4-9) 22-30cm | |

## Heel Fastener Hardware Kit (bolts, washers)



| Part # | Cat. | Size |
|---|---|---|
| CM150003 | Ped. (1-6)/Adult (1-3) 16-18cm | 3/16" (10-32) x 5/8" |
| CM150001 | Ped. (1-6)/Adult (1-3) 19-21cm | 3/16" (10-32) x 9/16" |
| CM150004 | Adult (1-6) | 1/4" x LG |
| CM150005 | Adult (7-9) | 5/16" x LG |

## Heel Fastener Bolts

| Part # | Cat. | Size | Available Lengths |
|---|---|---|---|
| CM130205 | Adult (1-6) 22-30cm | 1/4" | 11/16"; 21/32"; 39/64"; 9/16"; 33/64"; 15/32" |
| CM130216 | Adult (7-9) 22-30cm | 5/16" | 23/32"; 43/64"; 5/8"; 37/64"; 35/64"; 1/2" |

## Toe In/Toe Out Wedges

| Part # | Cat | Includes |
|---|---|---|
| CM100205 | Adult (1-6) | 2 Wedges |

# Miscellaneous Components

## Hardware Kit for Extended T and T Connector

| Part # | Cat | Size | Includes |
|---|---|---|---|
| CM100053 | 1-3 | 1/4" | • Bolts |
| CM100054 | 4-6 | 5/16" | • Nuts |
| CM100055 | 7-9 | 3/8" | • Washers |

# Cosmetic Finishing

## Foot Cover Kit

**PART NUMBER SYSTEM**

FCX0 □□□□ — Foot Size; L/R = Left or Right

**Sizes**
Left/Right
(22-30cm)

**Includes**
- Foot Cover
- Spectra Sock
- Foot Foam

## Foot Cover Only

**PART NUMBER SYSTEM**

FCX5 □□□□ — Foot Size; L/R = Left or Right

**Sizes**
Left/Right
(22-30cm)

**Includes**
- Foot Cover

## Three Piece Cover Kit

| Part # | Includes |
|---|---|
| CM100202 | • Foot Foam • Crepe Sole • Shin Foam |

## Spectra Sock

| Part # | Foot Sizes |
|---|---|
| FCX63004 | 20-30cm |

## Shin Foam

| Part # | Size |
|---|---|
| CM163063 | 18" x 20" x 1-3/4" (46cm x 51cm x 4.5cm) |

## Spray Adhesive (for Shin Foam)

**Part #**
CM160018

## Shoe Horn

**Part #**
CM100068

## Foot Foam

**Part #**
FCX0001

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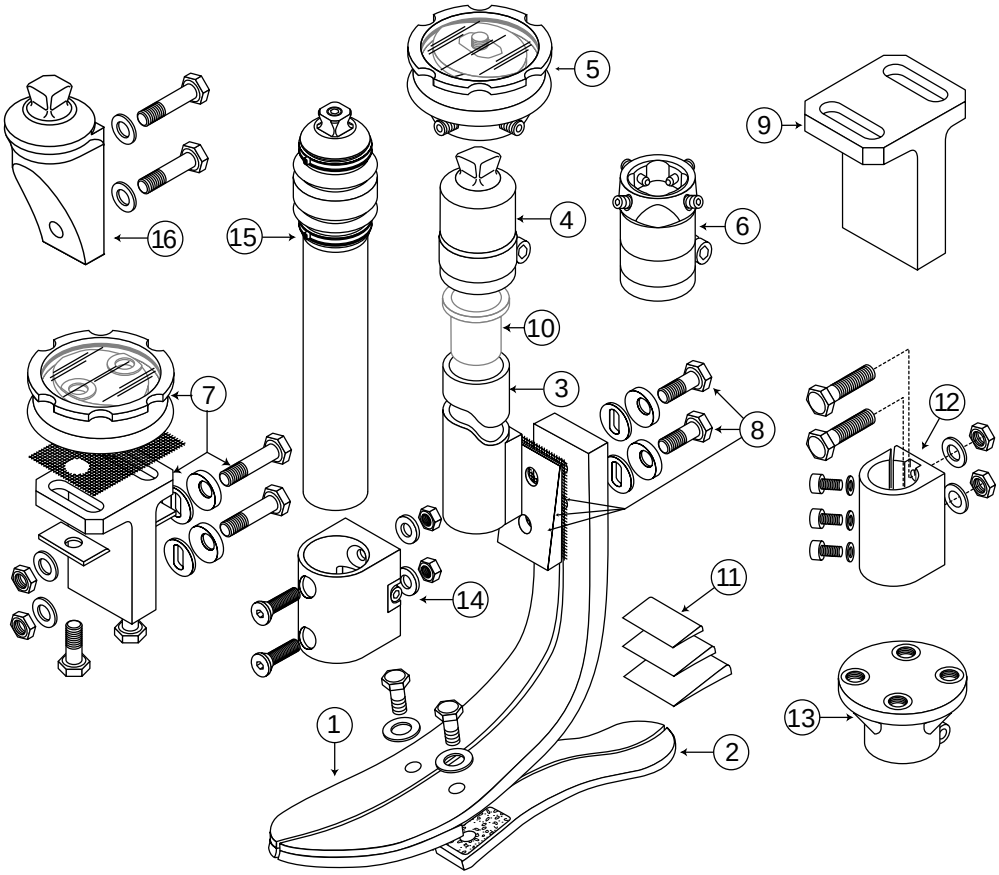
# Diagram

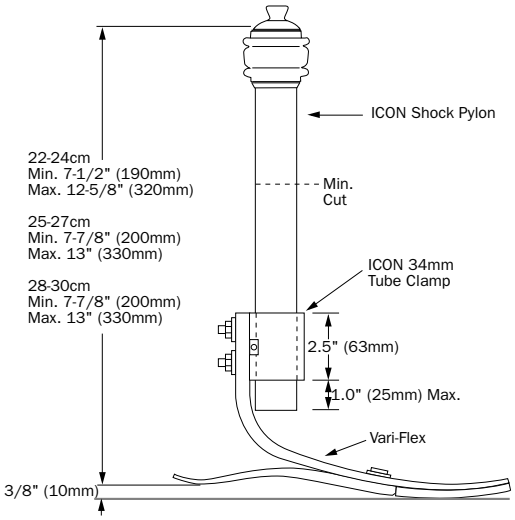


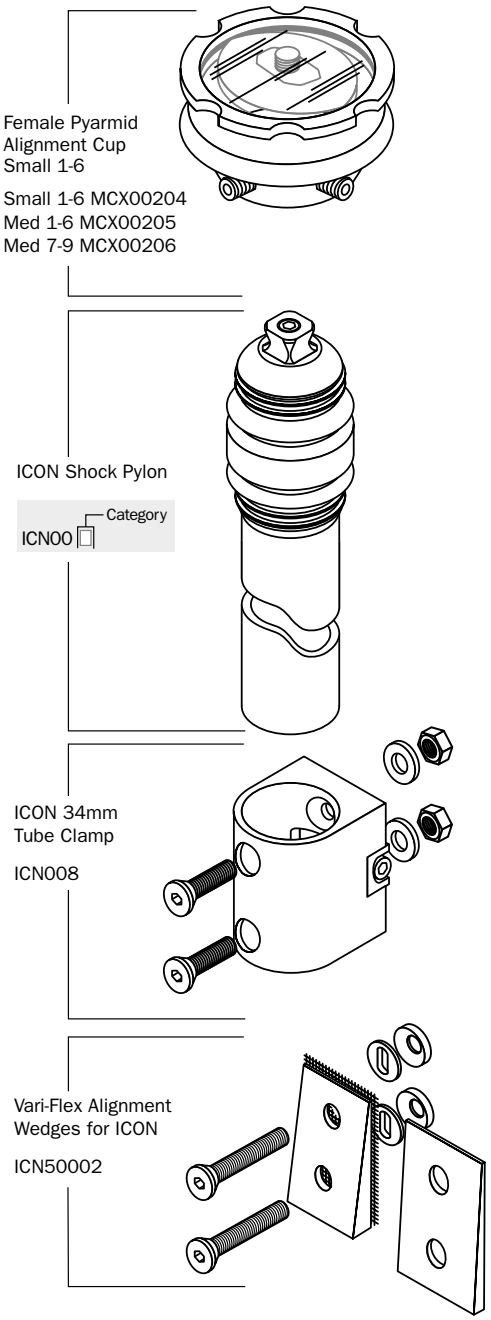

1. Foot Module VFX0_ _ _ _
2. Heel VFX2_ _ _ _; UNH2_ _ _ _
3. 22/30mm Tube VFX0000_; VFX50008
4. Male Pyramid Tube Clamp Adapter MCX0000_
5. Alignment Cup with Pyramid MCX0020_
6. Female Pyramid Tube Clamp Adapter MCX0000_
7. Extended T with Alignment Cup VFX0002_
8. Alignment Wedges for ICON ICN50002
9. Extended Lamination T VFX0002_
10. Tube Insert CM140241
11. Heel Wedges CM150006; CM150009
12. 30mm Alignment Fitting Tool Kit VFX00008
13. 30mm Tube Clamp - 4-Hole CM10000_
14. ICON 34mm Tube Clamp for Vari-Flex® ICN008
15. ICON Shock Pylon ICN00_
16. Integrated Male Pyramid Adapter CM10000_

# VARI-FLEX®

## Shock System for Vari-Flex®

### ICON™ Shock Pylon with Vari-Flex®





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