DIRAME
ORTHOTICS COMPONENTS

# Launchpad™

Smartly developed low profile components for custom made AFO's,

for superior compliance, fitting and gait tuning.



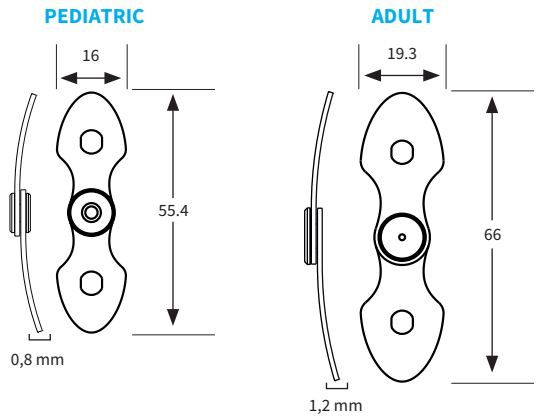
www.launchpad-europe.eu

Pivot™ is an articulated, self-aligning, low profile AFO hinge. It is used in exactly the same manner as the typical flexure joint.

## Characteristics

- Very strong and extremely thin
- Adjustable with fingers
- Anti-rotating nuts
- Anti-strip screws
- Medical grade stainless steel

## Sizes (mm)



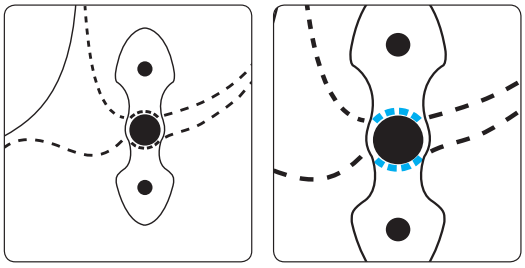

## Accessory

Pivot™ punch is made so that it fits perfectly in the concavity of the plastic, there where the joints come.

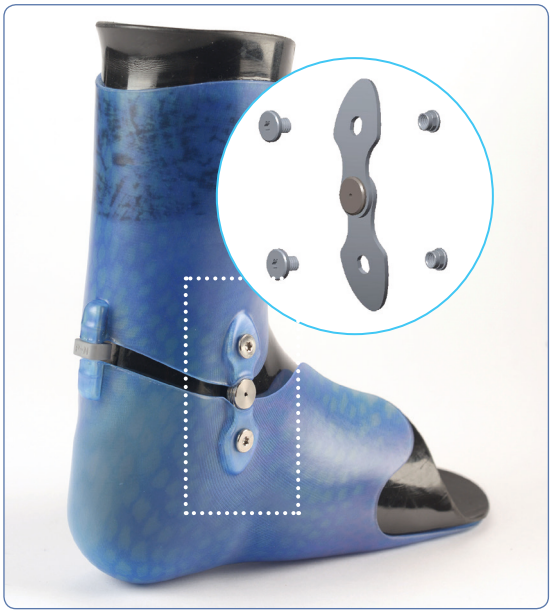


## Manufacturing Note

- Use thread locker 263 on the screws
- Trimlines must extend all the way to the articulating rivet to provide a stable pocket for the joint



| Article | Description |
|---|---|
| LP-PVT-APKG01 | PIVOT Adult Package (2 joints and fab. hdwr.) |
| LP-PVT-PPKG01 | PIVOT Pediatric Package (2 joints and fab. hdwr.) |



# SNAPstop

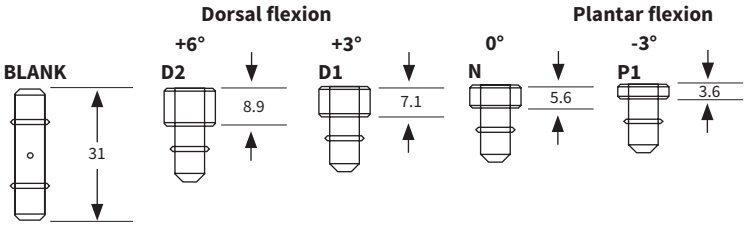
SNAPstop™ is an adjustable plantar-flexion stop that lets you make on the spot changes for an exact sagittal alignment.

## Characteristics

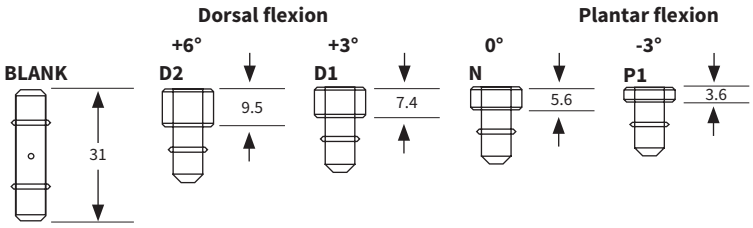
- Different thicknesses for different ROM settings
- Toolless Plug-'n-play stops
- Large impact surface
- Noise damping material

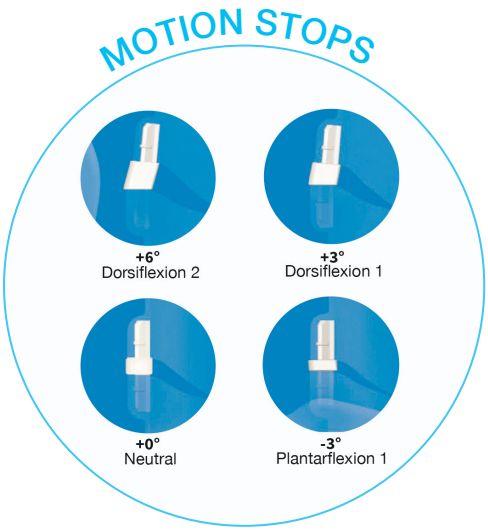
## Sizes (mm)

### PEDIATRIC




### ADULT

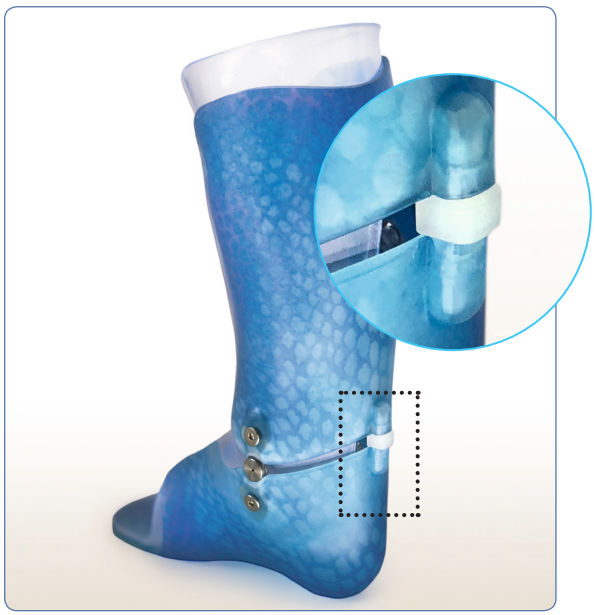



## Availability: options

- Kits: 16 Molding Blanks (dummy), 4 of each
- Sets: 1 molding blank, 1 stop
- Pieces: individual units

| Article | Description |
|---|---|
| LP-SST-AK1000 | SNAPstop - Adult Kit (16 x Molding Blanks, 4 x PF1, 4 x Neutrals, 4 x DF1, 4 x DF2) |
| LP-SST-PK1000 | SNAPstop - Pediatric Kit (16 x Molding Blanks, 4 x PF1, 4 x Neutrals, 4 x DF1, 4 x DF2) |
| LP-SST-PMBPF1 | SNAPstop Peds Set (Molding Blank, PF1) |
| LP-SST-PMBN01 | SNAPstop Peds Set (Molding Blank, Neutral) |
| LP-SST-PMBDF1 | SNAPstop Peds Set (Molding Blank, DF1) |
| LP-SST-PMBDF2 | SNAPstop Peds Set (Molding Blank, DF2) |
| LP-SST-PMB001 | SNAPstop Pediatric Molding Blank |
| LP-SST-PPF001 | SNAPstop Pediatric PF1 |
| LP-SST-PN0001 | SNAPstop Pediatric Neutral |
| LP-SST-PDF001 | SNAPstop Pediatric DF1 |
| LP-SST-PDF002 | SNAPstop Pediatric DF2 |
| LP-SST-AMBPF1 | SNAPstop Adult Set (Molding Blank, PF1) |
| LP-SST-AMBN01 | SNAPstop Adult Set (Molding Blank, Neutral) |
| LP-SST-AMBDF1 | SNAPstop Adult Set (Molding Blank, DF1) |
| LP-SST-AMBDF2 | SNAPstop Adult Set (Molding Blank, DF2) |
| LP-SST-AMB001 | SNAPstop Adult Molding Blank |
| LP-SST-APF001 | SNAPstop Adult PF1 |
| LP-SST-AN0001 | SNAPstop Adult Neutral |
| LP-SST-ADF001 | SNAPstop Adult DF1 |
| LP-SST-ADF002 | SNAPstop Adult DF2 |



# X-tension

X-Tension™ is a butterfly-band that allows you to finetune stance phase.



## Characteristics

- Resists dorsiflexion and assists plantar flexion (dynamic X-Tension™)
- Locks dorsiflexion (static X-Tension™)

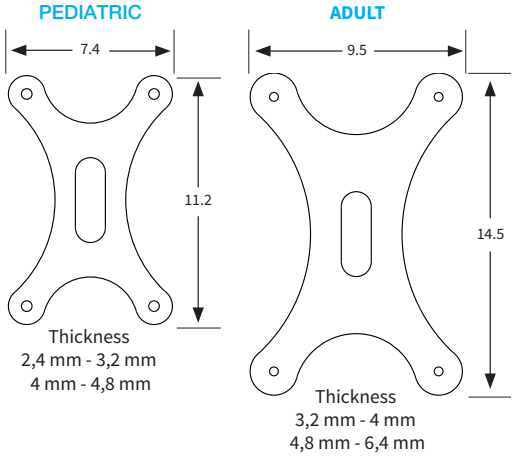
## Versions

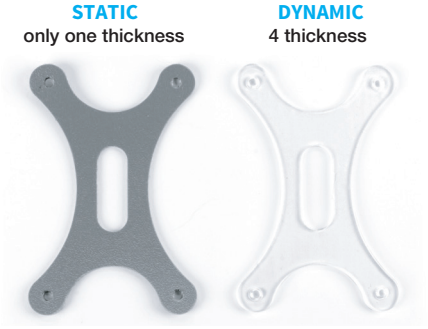
- Dynamic and static X-Tension™

## Biomechanical benefit

- Dynamic X-Tension™
  - Controls tibia progression from mid- till terminal stance
  - Allows and helps for push off
- Static X-Tension™ for no dorsiflexion and immobilization in combination with the Motion Stops

## Sizes (mm)




| Weight | Indications (alone or in combination) | Plastic Thickness of the Brace | | | | |
|---|---|---|---|---|---|---|
| | | 2,4 mm | 3,2 mm | 4 mm | 4,8 mm | 6,4 mm |
| < 50 Kg | ▸ Short Step Length<br>▸ Decreased 3rd Rocker Power<br>▸ External Rotation | Peds 2,4 mm (XTN-PD0010) | Peds 3,2 mm (XTN-PD0020) | Peds 4 mm (XTN-PD0030) | Peds 4,8 mm (XTN-PD0040) | Peds 4,8 mm (XTN-PD0040) |
| | ▸ Hyper-flexion (> 5°)<br>▸ Hyper-extension (> 5°) | Peds 3,2 mm (XTN-PD0020) | Peds 4 mm (XTN-PD0030) | Peds 4,8 mm (XTN-PD0040) | Peds 4,8 mm (XTN-PD0040) | Peds 4,8 mm (XTN-PD0040) |
| < 100 Kg | ▸ Short Step Length<br>▸ Decreased 3rd Rocker Power<br>▸ External Rotation | Adult 3,2 mm (XTN-AD0020) | Adult 3,2 mm (XTN-AD0020) | Adult 4 mm (XTN-AD0030) | Adult 4,8 mm (XTN-AD0040) | Adult 6,4 mm (XTN-AD0050) |
| | ▸ Hyper-flexion (> 5°)<br>▸ Hyper-extension (> 5°) | Adult 4 mm (XTN-AD0030) | Adult 4 mm (XTN-AD0030) | Adult 4,8 mm (XTN-AD0040) | Adult 6,4 mm (XTN-AD0050) | Adult 6,4 mm (XTN-AD0050) |

| Article | Version | Thickness |
|---|---|---|
| LP-XTN-PD0010 | Dynamic | 2,4 mm |
| LP-XTN-PD0020 | Dynamic | 3,2 mm |
| LP-XTN-PD0030 | Dynamic | 4 mm |
| LP-XTN-PD0040 | Dynamic | 4,8 mm |
| LP-XTN-PS0001 | Static | 2,4 mm |
| LP-XTN-AD0020 | Dynamic | 3,2 mm |
| LP-XTN-AD0030 | Dynamic | 4 mm |
| LP-XTN-AD0040 | Dynamic | 4,8 mm |
| LP-XTN-AD0050 | Dynamic | 6,4 mm |
| LP-XTN-AS0001 | Static | 2,4 mm |

As part of LauchPads TRIO innovations, **X-TENSION™** works in combinations with **SNAP**STOP™ and **PIVOT™** ankle joints to achieve desired shank-to-floor alignments and tuning optimization. It increases **third rocker power**, **contralateral step length**, and **single limb stance stability**.

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