

**- SANDALS - 04**  
SPORT & HIKING STYLE SANDALS



MOST OFTEN, LACE CLIP INSTALLATION CAN BE DONE BY SIMPLY WRAPPING TIE-WRAPPS AROUND THE FRONT STRAP. KEEP FRONT STRAP SLIGHTLY LOOSE ON TOP OF FOOT FIND PERFECT TENSION BEFORE LACE CLIP INSTALLATION.



USE SANDALS FITTED WITH STURDY FRONT STRAP ALIGNED WITH FRONT ATTACHEMENT OF THE BRACE



USE SANDAL WITH BULKY SOLE CONTOUR FITTED WITH RIDGES FOR HEEL SUPPORT

SOMETIMES YOU MAY NEED TO PUNCH HOLES THROUGH THE FRONT STRAP TO ALIGN LACE CLIP PERFECTLY



USE SANDALS FITTED WITH STURDY BRACING STRAPS THAT WILL HANDLE LONGITUDINAL LOAD AND PREVENT BRACE FROM MOVING REARWARD



**LACE CLIP FITTING INSTRUCTION**  
XTERN FOOT DROP ORTHOTIC (AFO)  
HOW TO INSTALL THE LACE-CLIP CONNECTOR ON ANY FOOTWEAR



2018-04-10 - XTERN FITTING LACE CLIP

**- FOOTWEAR SELECTION -**



ENOUGH EYELETS



ROBUST FABRIC



BULKY SOLE + RIDGES FOR HEEL FRICTION GRIP

WE RECOMMEND STABLE SHOES WITH FIRM HEELCAP, ROBUST FABRIC AND FITTED WITH RIDGES ON SOLE CONTOUR TO HOLD THE BRACE IN PLACE.  
**AVOID MINIMALIST SHOES WITH VERY LIGHT FABRIC AND THIN SOLE.**

KEEP LACES LOOSE AT BOTTOM NEAR LACE CLIP. LACE TIGHT AROUND ANKLE TO SECURE FOOT PROPERLY.

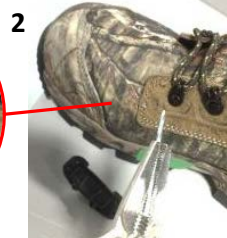
**- SAFETY BOOTS, HUNTING BOOTS - 05**

METHOD TO OVERHANG LACE CLIP LOWER IF EYELETS DOESN'T FIT BRACE LENGTH



1

PUNCH HOLES THROUGH LEATHER BAND **DON'T PUNCH THROUGH THE BOOT!!**



2

TYPICAL LEATHER BOOTS (SAFETY BOOTS, HIKING & HUNTING BOOTS)



3



4

CAUTION: LACE CLIP FRONT OPENING MUST BE CLEAR FOR BRACE INSERTION.

**- BOOTS METALLIC/SOLID EYELETS - 06**



ENGAGE BOTH TIE-WRAPPS IN METAL EYELETS. YOU CAN USE TWEEZERS TO HELP HANDLING. PLACE LOWEST EYELETS BEHIND THE LACE CLIP TO CLEAR FRONT OPENING.

**IF REQUIRED, USE 2 TIE-WRAPPS IN SERIES TO ENSURE TIGHT CLOSING OF EYELETS TOGETHER**

**- DETERMINE BEST LOCATION FOR LACE CLIP - SHOES - BOOTS - SANDALS -**



SUPERIMPOSE THE BRACE & LACE-CLIP ON THE SHOE & LOOK FOR EYELETS POSITION VS BRACE LENGTH.



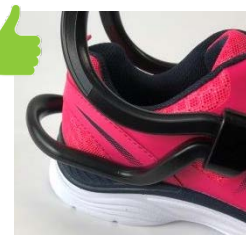
1/8" GAP (3mm) PERFECT



WHEN IT'S POSSIBLE, WE RECOMMEND TO KEEP 1/8" GAP (3mm) AT HEEL TO ENSURE THAT BRACE IS FREE TO MOVE. (IF LENGTH IS TOO TIGHT IT MAY CAUSE DISCOMFORT DUE TO LACE CLIP PRESSURE)



0mm GAP-SNUG FIT OK, IF BRACE IS FREE



12mm GAP (1/2") MAXIMUM ALLOWABLE GAP



MORE THAN 20mm GAP (3/4") **NOT ALLOWABLE**  
SEE OTHER OPTION FOR LACE CLIP FITTING



**LACE CLIP CONNECTOR HAS EXTRA MATERIAL TO ALLOW CUSTOMIZATION IF REQUIRED**



**- TYPICAL LACE CLIP INSTALLATION - 01  
SHOES WITH EYELETS BAND**



**1** SUPERIMPOSE THE BRACE ON THE SHOE & LOOK FOR EYELETS POSITION & BRACE LENGTH.



**2** ASK PATIENT TO DON THE SHOE.  
LOOK AT THE EYELETS WIDTH TO SELECT BEST SET OF HOLES.  
**RESPECT NATURAL EYELETS WIDTH ON SHOE!**  
IF LACE CLIP IS INSTALLED TOO NARROW, IT WILL CHOKO THE FOOT AND MAY CAUSE DISCOMFORT



**3** INSTALL TIE-WRAPPS IN EYELETS. NEVER ATTACH AROUND THE LACES!



**4** LOCK TIE-WRAPPS IN REAR CORNERS OR BEST FIT POSITION.



**5** TIGHTEN TIE-WRAPPS AT MAXIMUM VERY STRONG FIXATION IS IMPORTANT!  
PULL FIRMLY ON LACE CLIP AND VALIDATE IT'S SOLIDLY ANCHORED AND BONDED TO THE SHOE.



**6** CUT REMAINING LENGTH OF TIE-WRAPPS



**7** HOOK THE BRACE ON THE SHOE  
DON THE SHOE  
KEEP LACES LOOSE AT BOTTOM NEAR LACE CLIP  
LACE TIGHT AROUND ANKLE TO SECURE FOOT PROPERLY.  
YOU'RE READY FOR ACTION!

(VIDEOS TUTORIALS AVAILABLE ON YOUTUBE & OUR WEBSITE)

**- LEATHER DRESSED SHOES - 02  
SHOES WITHOUT EYELETS OR EYELETS FITTED TOO HIGH ON FOOT**



**2** USE A LEATHER PUNCH OR ANY SHARP OBJECT TO PUNCH HOLES THROUGH SHOE MATERIAL  
**!! BE VERY CAREFULL !!**

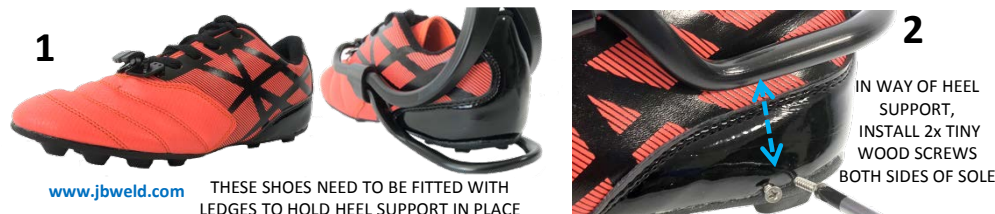
**4** PULL FIRMLY ON LACE CLIP TO VALIDATE SOLIDITY  
**STRONG FIXATION OF LACE CLIP IS IMPORTANT!**

SEE BELOW, OTHER EXAMPLE OF SAME INSTALLATION ON LEATHER VELCRO SHOES



**- ADD RIDGES ON SOLE WITH FLAT VERTICAL SIDES - 03**

JB WELD EXPOXY «STEELSTIK» or SUGRU or WINDOW CAULKING & TINY WOOD SCREWS FOR ANCHORS



**1** THESE SHOES NEED TO BE FITTED WITH LEDGES TO HOLD HEEL SUPPORT IN PLACE  
[www.jbweld.com](http://www.jbweld.com)  
[www.sugru.com](http://www.sugru.com)

**2** IN WAY OF HEEL SUPPORT, INSTALL 2x TINY WOOD SCREWS BOTH SIDES OF SOLE



**3** INSTALL SCREWS IN SOLID MATERIAL OF THE SOLE & LOW ENOUGH SO THEY DON'T PINCH THE INSIDE OF THE SHOE.

**4** FORM JB WELD EPOXY OR SUGRU OVER SCREWS TO CREATE A LEDGE 3/8"-1/2"

SEE BELOW, OTHER EXAMPLE OF SAME INSTALLATION

