

# NEWS FOR FARRIERS

**AVAILABLE FROM FPD DEALERS**  
[FARRIERPRODUCTS.COM/LOCATIONS](http://FARRIERPRODUCTS.COM/LOCATIONS)

## Kerckhaert Steel Comfort Sport

Designed for ease of breakover and good support. Rolled toe and branches improve coordination of movement and optimize balance with less pressure on the tendons. Slightly thicker and wider heels than the original Steel Comfort. Ask your dealer about new thicker steel in sizes 2 and 3!



### FEATURES



Marked to drill for traction devices in the heel area



Clips between the second and third nail holes



Punched for E-head, Hybrid, and 5 Combo Slim



V-Crease



Sole relief



5 nail hole pattern

## FootPro Crease Nail Puller

The FootPro™ Crease Nail Puller is designed for higher leverage with less effort. This tool is 11-1/2" long, made using high-grade tool steel and is fully polished for handling comfort. Used properly, this tool will provide long-term service and make the pulling of nails a much easier task.



## JUST A REMINDER

### Bloom Forge Stud Sets

The Bloom Forge Stud Sets are now available in two models. One fits the head of the FootPro C11 stud and the other is for the C13. The shaft of each are marked and have a different groove pattern for quick identification on the job.



Made from H13 Tool Steel, the form fit allows easy and safe installation of carbide studs.

### FootPro 17/64" Countersink Drill Bit



The FootPro 17/64" Countersink Drill Bit can be used for the FootPro Carbide Studs, FootPro 5/16" Drive-in studs and any other studs on the market that require a 17/64" bit. It's not necessary to countersink holes for drive-in studs, but can be helpful in the installation.

### FootPro Solid Carbide Studs

The FootPro Solid Carbide Studs are available in C11 (P-11 equivalent) and C13 (P-13 equivalent).



Both require a 17/64" drill bit. Solid carbide provides excellent wear and traction. Carbide studs should be installed with caution.

Scan the QR code to view proper installation or visit [www.farrierproducts.com/studs](http://www.farrierproducts.com/studs).



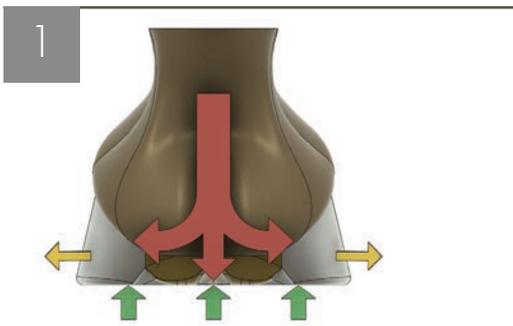
# Venous Plexus Engagement with Frog Support Illustrated with CAD

By Austin Edens, CJF

AS SEEN  
ON FPD'S  
BLOG

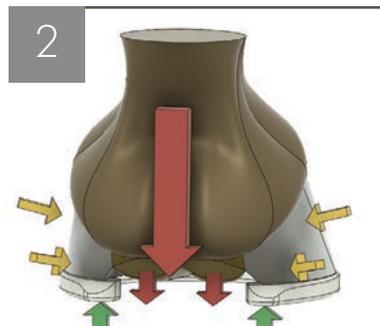
SHOEING WITH FROG SUPPORT HAS GAINED TRACTION IN THE PAST FEW YEARS WITH ITS PRIMARY BENEFIT FOR CAUDAL SUPPORT OF THE HOOF CAPSULE. We have many tools at our disposal to combat caudal failure in the hoof capsule, such as heart bars, frog-support pads, DIM, pour-ins, etc. Anecdotally, I often observe an extra amount of hoof growth after applying these measures. This accelerated growth can be explained by the additional frog support increasing engagement of the venous plexus in the caudal region of the hoof.

Horses evolved with the frog as a weight-bearing structure. On a barefoot hoof, the frog synchronously engages the ground with the heels during the loading phase of the stride. One negative effect of shoeing horses with a regular shoe is that the frog of a shod hoof bears less weight and has less ground contact than its barefoot counterpart. For the vast majority of horses, this slight decrease in frog function has a negligible effect on the health of the foot. However, there is a substantial portion of the sport horse population that experience caudal collapse of the structures that are vital for nurturing blood flow in the venous plexus. These compromised feet can benefit from the additional frog and caudal support by increasing blood flow via the venous plexus and its supporting structures of the hoof capsule.



## 1 UNSHOD HOOF

The load of the bony column (red arrows) colliding with the ground reaction forces (green arrows), and creating outward pressure on the heels (yellow arrows) due to the increased hydraulic pressure of the caudal region. On a barefoot hoof, compression of the frog and digital cushion initiate simultaneously with the heels when contacting the ground, thus maximizing the hemodynamic function of the venous plexus.



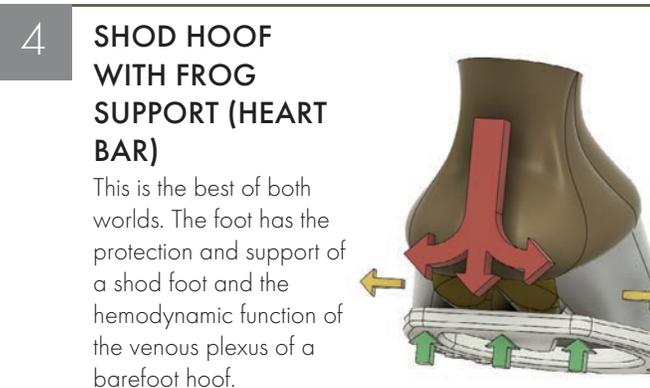
## 2 SHOD HOOF WITH A REGULAR SHOE

The load of the bony column (red arrows) shearing against the ground reaction forces (green arrows), and creating inward and forward pressure on the heels (yellow arrows) due to the higher GRF on the heels. There is a delayed and reduced GRF on the frog and digital cushion.



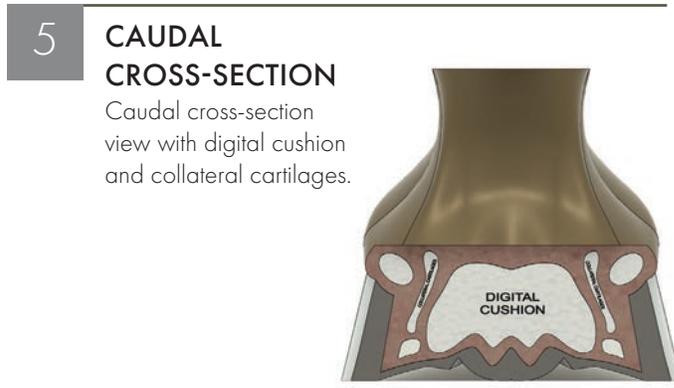
## 3 SHOD HOOF WITH A WELD-IN FROG PLATE

A weld-in frog plate on a Kerckhaert DF with FootPro™ DIM 20 is one of my go-tos for increasing caudal support and optimizing venous plexus function.



## 4 SHOD HOOF WITH FROG SUPPORT (HEART BAR)

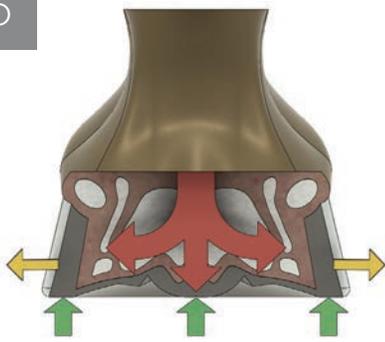
This is the best of both worlds. The foot has the protection and support of a shod foot and the hemodynamic function of the venous plexus of a barefoot hoof.



## 5 CAUDAL CROSS-SECTION

Caudal cross-section view with digital cushion and collateral cartilages.

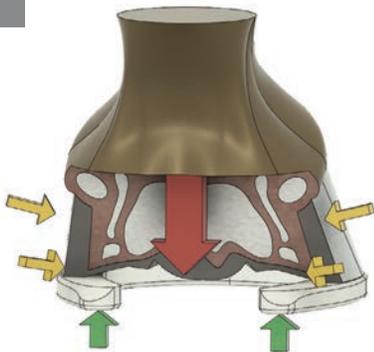
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#### LOADING FORCES ON AN UNSHOD FOOT

Caudal cross-section view of loading forces on an unshod foot. Compression of the frog and digital cushion push against the collateral cartilages to pump blood up through the venous plexus.

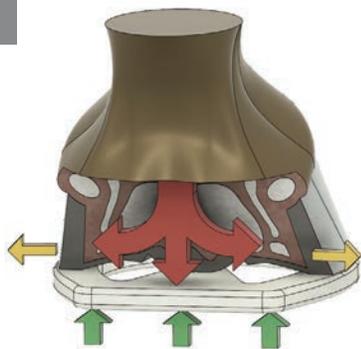
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#### LOADING FORCES ON FOOT WITH A REGULAR SHOE

Caudal cross-section view of loading forces of a foot with a regular shoe. Some frog and digital cushion compression is lost due to less GRF on its palmar structures.

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#### LOADING FORCES ON A FOOT WITH A HEART BAR SHOE

Caudal cross-section view of loading forces of a foot with a heart bar shoe. Frog and digital cushion compression is restored on a shod foot with the addition of frog support (heart bar).

**BELLOTA**  
HARD WORK INSPIRED

# SETTING THE INDUSTRY STANDARD FOR PERFORMANCE

**BELLOTA GUARANTEES QUALITY & CONSISTENCY**

**BELLOTA RASPS STAY SHARP LONGER**

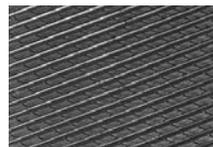
**LOWER PRICES THAN THE COMPETITION**

**WHAT MORE COULD YOU ASK FOR?**

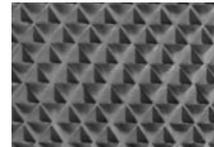
### BELLOTA TOP LEVEL

The Bellota Top Level is 12% wider and 10% thinner than regular rasps, for perfect leveling balance and control. The 8 tooth rasp pattern has an aggressive cut and an intermediate file side, similar to the Top Sharp.

**FILE SIDE**



**RASP SIDE**



*Available in 14" (Top Level) and 17" Length (Top Level Long)*

*"The Bellota Top Level is great. I'm a Green Tang (Heller Excel Legend) convert. The balance is just right, smooth and an excellent finish."*

**Joel Brown, APF**

View the full line of Bellota rasps at [bellotafarrier.com](http://bellotafarrier.com)