

Shoeing Instruction - Cast Hooks

- Useful Tips for the Application of Cast Shoes -

When Should I Use Duplo Cast Hooks?

We recommend applying the cast hooks in case of certain diagnoses - for example if the horn capsule has to be stabilized and immobilized and if no nails can be used for fixating the hoof protection.

The application of a cast shoe requires appropriate expertise. To avoid potential subsequent damages of immobilization, the correct timing of remobilization is important. The hoof mechanism and the horse's musculoskeletal system typically work perfectly together. However, if individual parts are immobilized, this can lead to an inappropriate biomechanical stress of other areas. The ultimate decision whether to use a hoof cast, or not, should always be made by the skilled farrier on-site, potentially in cooperation with a veterinarian.

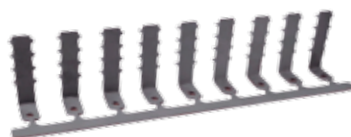


What Benefits Does the Cast System Offer?

- It enables the farrier to fixate the horseshoe without nailing or gluing.
- During the shoeing process, the (sensitive and maybe painful) hoof won't be stressed by vibrations caused by a hammer.
- Since the cast bandage doesn't cover the bottom surface of the Duplo Horseshoe
- Horseshoe it won't be worn off so quickly; thus naturally extending the durability of the cast shoe.

Cast Strip

- One cast strip consists of 9 cast hooks.
- You need 6 cast hooks to fixate one Duplo Horseshoe.



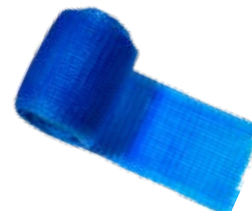
Screws

- We recommend the following screws for fixating the cast hooks on the Duplo Horseshoe: DIN 7982 / ISO 7050 Countersunk Head Tapping Screws 4.2mm x 19mm
- You need 6 screws to fixate the cast hooks on one Duplo Horseshoe.
- There is a combination of cast strips and fitting screws available in our online shop.



Cast Bandage

- The fibreglass cast tape hardens under the influence of water. Take care not to damage the wrapping; as soon as the cast bandage is surrounded by air, it will start hardening due to the air humidity.
- There are two sizes available in our online shop: 5cm x 3.6m and 7.5cm x 3.6m
- You typically need one roll of synthetic fibreglass casting tape per hoof.



Horseshoes Suitable for the Cast System

The Cast hooks can be combined with any of our composite horseshoes - including the open-toed shoes. Combining cast hooks with the open-toed shoes might be particularly helpful for laminitis horses. We do not recommend using cast hooks with a purely urethane shoe, as the screw will not have a secure fit in the shoe.

Important Aspects According to the Horseshoe Size

The currently available cast hooks are precisely tailored for all open-toed shoes; for the regular models, manual adjustments are still necessary from size 142mm onwards.



Further Information and Security Advice:
www.duplo-frank.de/en/shoeing-instruction
www.duplo-frank.de/en/safety

<https://youtu.be/KAABjB7GN8w>

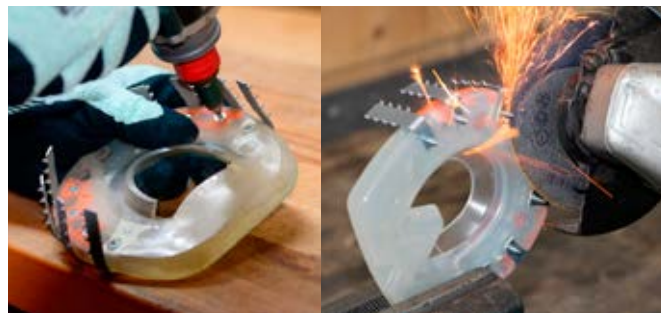


(1) Preparations

- The preparation of the bare hoof is the same as before any other shoeing and has to be done professionally.
- Choose a Horseshoe that matches the hoof (size & shape), temperature (Standard or Extra) and intended use of the horse (model).
- Use an angle grinder or belt grinder to adjust the horseshoe exactly to the hoof shape.
- Remove all knobs. Please note that this also applies to the soft knobs of the Nailless.

(2) Fixating the Cast Hooks on the Composite Shoe

- Put the screws into the nailing slots of the composite horseshoe, beginning on the hoof side. Put the cast hook on the screw on the bottom side of the horseshoe.
- Tighten the screw with a cordless screwdriver until it is counter-sunken in the hoof side of the horseshoe.
- Remove the protruding screws with an angle grinder. Take appropriate safety precautions and consider that there may be sparks.



(3) Fixating the Horseshoe on the Hoof

- When all hooks are fixated on the horseshoe, pre-stress them and place the horseshoe on the hoof. With correct application, the cast shoe will now stay in the right position on the hoof by itself.
- When the composite horseshoe is optimally placed on the hoof, you can wrap the hoof with the cast bandage. Please refer to the usage instructions for the Cast Bandage. Be sure to wear gloves and ensure the hoof is clean and dry.
- The coronary band and the heel bulbs must remain uncovered! Put the hoof down and let the cast harden.



(4) Removing a Cast Horseshoe

Use a utility knife with hook blade and observe the common safety precautions for utility knives. We advise against using a regular utility knife as it could lead to injuries. Carefully cut the cast bandage in the toe area from top to bottom. Now it should be possible to remove the cast shoe easily from the hoof. To do this, pull apart the cast bandage.



Please observe the safety instructions applicable to our products. Further details about our Cast Hooks can be found online at: www.duplo-frank.de/en/naillless/cast-hooks




If you have any questions or individual challenges, our Customer Service Team will be happy to assist you!

Duplo Composite Horseshoes

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