

Novaped S90

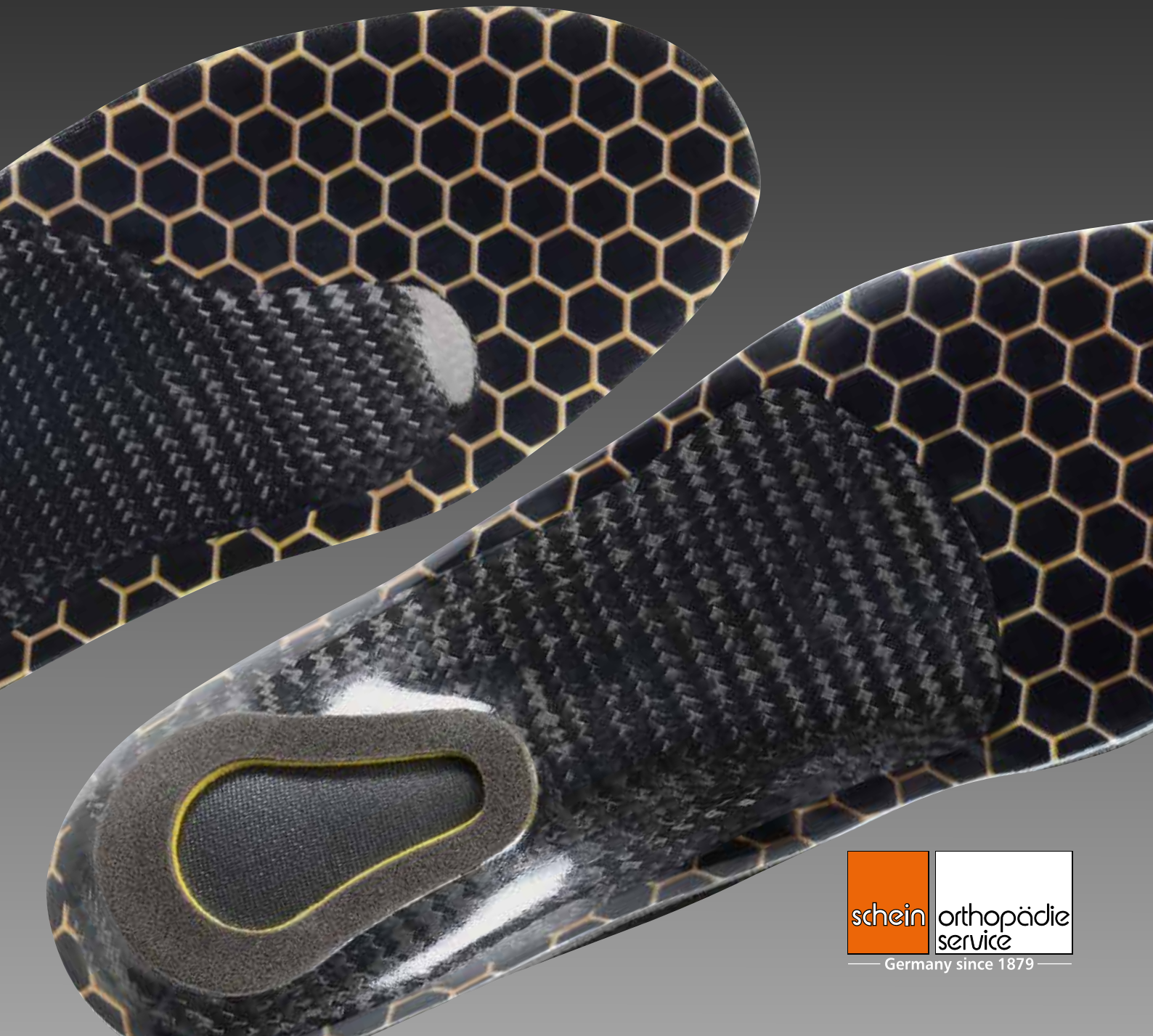
by **schein**

CARBON EDITION

SPECIAL

HALLUX RIGIDUS

PLANTAR FASCITIS



Novaped S90

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CARBON EDITION

SPECIAL
HALLUX RIGIDUS





Carbon Edition – Special Hallux rigidus insoles

Hallux rigidus describes the restriction in movement of the metatarsophalangeal joint, a situation usually caused by arthrosis. The course of the hallux rigidus is progressive and causes increasing pain in the metatarsophalangeal joint.

The main functional feature of insole treatment for hallux rigidus is the rigidus spring. This “splints” the metatarsophalangeal joint and thus limits its mobility. By doing this, the forces are transferred from the joint to the stiffening material. Since the strength of the rigidus spring should be adapted to the severity of the hallux rigidus, our rigidus carbon insoles are available in a flexible and a rigid version.

When manufacturing rigid springs, material thickness must also be taken into account in addition to the desired stability. The extremely thin and light carbon construction of the insoles reduce the volume that is so important in the shoe only by a minimum. This leaves more space for padding elements and of course the foot itself.

When it comes to the design of the insole chassis, a long rigidus spring is available in a narrow and wide outline.

This long rigidus spring is available in a flexible or fixed version and effectively relieves the metatarsophalangeal joint with its long lever. However, the mobility of the joint at the end of the big toe, which, as a connection joint, can partially compensate for the limited movement of the metacarpophalangeal joint, must also be taken into account. For this reason, a version with a short fixed rigidus spring is also available, which does not unnecessarily extend the front biomechanical lever and thus enables a natural rolling movement.

Depending on the space available in the shoe, there is the option of 1.5 mm or 3 mm thin padding with a cut-out for the big toe area. Besides the pleasant padding effect, the cut-out for the big toe area provides additional relief of the metatarsophalangeal joint.

If hallux rigidus is only present on one side, the base joint on the opposite side should not become unnecessarily limited in movement by a rigidus spring. For this reason, a suitable compensating insole was developed for each rigidus insole, wide and narrow, without the rigidus spring.

SPECIAL HALLUX RIGIDUS

FIXED

Narrow version

Wide version



Long rigidus spring



Short rigidus spring



Compensation insole



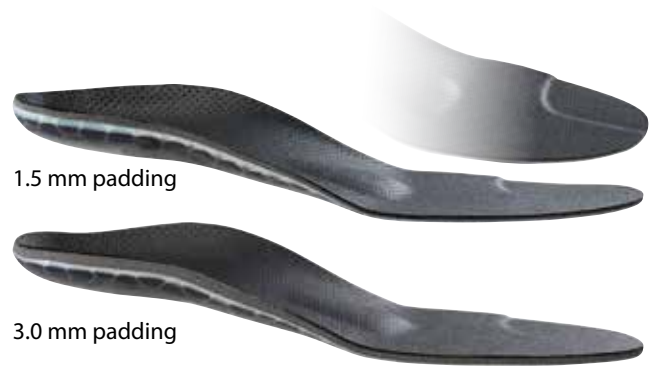
Long rigidus spring



Compensation insole



Without cover



1.5 mm padding

3.0 mm padding

Width	Model	Item no. left	Item no. right	Size	Padding	Cover
Narrow	Long rigidus spring	983220-000	983120-000	35-48	-	-
		983221-000	983121-000	35-48	p ² , approx. 1.5 mm padding, toe area thinner	Microfibre onSteam, black
		983222-000	983122-000	35-48	p ² , approx. 3.0 mm padding, toe area thinner	Microfibre onSteam, black
	Short rigidus spring	983200-000	983100-000	35-48	-	-
		983201-000	983101-000	35-48	p ² , approx. 1.5 mm padding, toe area thinner	Microfibre onSteam, black
		983202-000	983102-000	35-48	p ² , approx. 3.0 mm padding, toe area thinner	Microfibre onSteam, black
	Compensation insole	983240-000	983140-000	35-48	-	-
		983241-000	983141-000	35-48	Continuous p ² padding, approx. 1.5 mm	Microfibre onSteam, black
		983242-000	983142-000	35-48	Continuous p ² padding, approx. 3.0 mm	Microfibre onSteam, black
Wide	Long rigidus spring	983230-000	983130-000	35-48	-	-
		983231-000	983131-000	35-48	p ² , approx. 1.5 mm padding, toe area thinner	Microfibre onSteam, black
		983232-000	983132-000	35-48	p ² , approx. 3.0 mm padding, toe area thinner	Microfibre onSteam, black
	Compensation insole	983245-000	983145-000	35-48	-	-
		983246-000	983146-000	35-48	Continuous p ² padding, approx. 1.5 mm	Microfibre onSteam, black
		983247-000	983147-000	35-48	Continuous p ² padding, approx. 3.0 mm	Microfibre onSteam, black

SPECIAL HALLUX RIGIDUS

FLEXIBLE

Narrow version

Wide version



Long rigidus spring



Compensation insole



Long rigidus spring



Compensation insole



Without cover



3/4 padding p²



p²/EVA sandwich padding

Width	Model	Item no. left	Item no. right	Size	Padding	Cover
Narrow	Long rigidus spring	982100-000	982000-000	35-48	-	-
		982101-000	982001-000	35-48	3/4 padding p ² , approx. 1.5 cm, toe area thinner	Microfibre onSteam, black
		982102-000	982002-000	35-48	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
	Compensation insole	982110-000	982010-000	35-48	-	-
		982111-000	982011-000	35-48	Continuous p ² padding, approx. 1.5 mm	Microfibre onSteam, black
		982112-000	982012-000	35-48	Continuous p ² padding, approx. 3.0 mm	Microfibre onSteam, black
Wide	Long rigidus spring	982103-000	982003-000	35-48	-	-
		982104-000	982004-000	35-48	3/4 padding p ² , approx. 1.5 cm, toe area thinner	Microfibre onSteam, black
		982105-000	982005-000	35-48	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
	Compensation insole	982113-000	982013-000	35-48	-	-
		982114-000	982014-000	35-48	Continuous p ² padding, approx. 1.5 mm	Microfibre onSteam, black
		982115-000	982015-000	35-48	Continuous p padding, approx. 3.0 mm	Microfibre onSteam, black

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CARBON EDITION

SPECIAL PLANTAR FASCIITIS



Carbon Edition - Special Plantar Fasciitis

Excessive tensile and compressive forces can cause inflammation of the arch-supporting band of tissue at the bottom of the foot (plantar fasciitis). This painful condition in the heel area often leads to ossification of the area where the plantar fascia is attached (heel spur).

The purpose of an insole for plantar fasciitis is to support the arch structures in such a way that the foot does not sink excessively during the stress phase. This reduces the tensile forces acting on the tendon. At the same time, the area where the heel and tendon attach must be relieved in order to reduce the painful pressure at these points.

The two new plantar fasciitis insoles effectively support the arch of the foot due to their particularly thin and light carbon construction.

Plantar fasciitis insole with heel spur cut-out

On the one hand, an insole blank with a conventional shape and heel spur cut-out is available. This model is characterised by its high comfort and the extremely thin construction. The blank can also be supplied with 1.5 mm thin padding and a separate relief pad on the foot side.

Plantar fasciitis insole with heel spur cut-out, tendon cut-out and padded ring on shoe side

In addition, a plantar fasciitis insole was developed that leaves space for the heel and the course of the tendon. In this model, a specially developed shoe-side pad ring is integrated into the insole chassis. This acts as shock absorber for the chassis and reduces the pressure in the heel and tendon attachment area extremely effectively. The insole can be manufactured as a base with a multi-layer heel pad or with additional 1.5 mm thin padding.

**Plantar fasciitis insole
with heel spur cut-out**



Without cover



With cover/
padded cover/
foot-side relief pad



Item no. pair	Size	Padding	Cover
982810-000	35-48	-	-
982811-000	35-48	p ² -relief pad 2 mm, continuous p ² padding 1.5 mm	Microfibre onSteam, black

**Plantar fasciitis insole
with heel spur cut-out, tendon cut-out
and padded ring on shoe side**



Without cover/
heel pad



With cover/
heel pad/
padded cover



Item no. pair	Size	Padding	Cover
982800-000	35-48	Heel pad	-
982801-000	35-48	Heel pad, continuous p ² padding 2 mm	Microfibre onSteam, black



— Germany since 1879 —

Schein Orthopädie Service KG
Hildegardstr. 5
42897 Remscheid
Germany
Tel. +49 2191 910-200
Fax +49 2191 910-100
remscheid@schein.de
www.schein.de



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