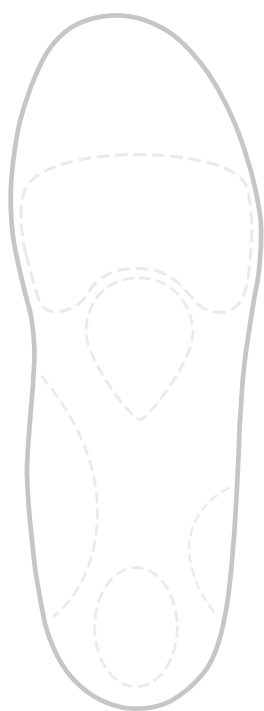


 ENGLISH VERSION



CATALOGUE

INSOLES




SPRINGER
made in Germany



CATALOGUE

INSOLES



Status: April 2016

SPRINGER AKTIV AG
Berlin

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SPRINGER

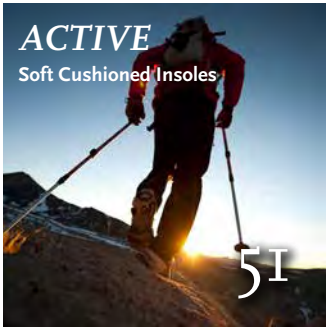
5

CITY
 PG o8 Copy Insoles



21

ACTIVE
 Soft Cushioned Insoles



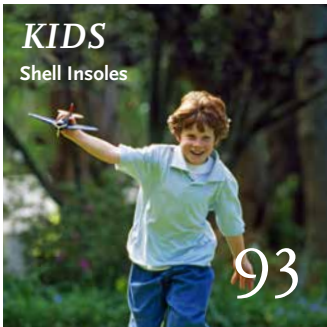
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SPRINGER



Brandenburg Gate
Photography from the Pariser Platz around 1900



We have created history
since 1902.

Rette den Fuß!



fo

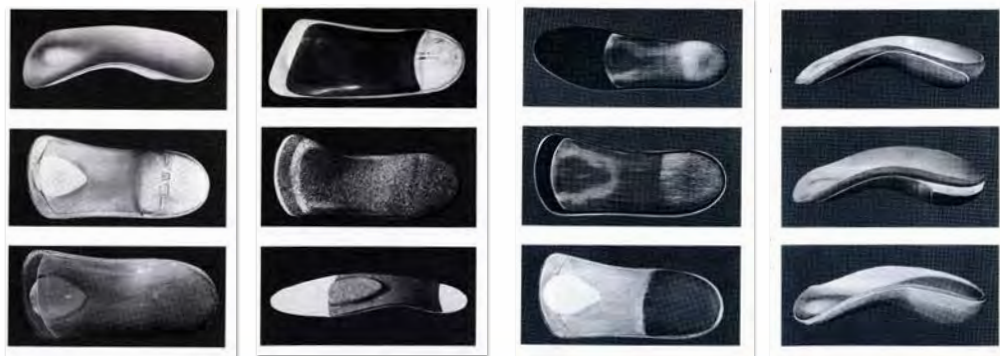
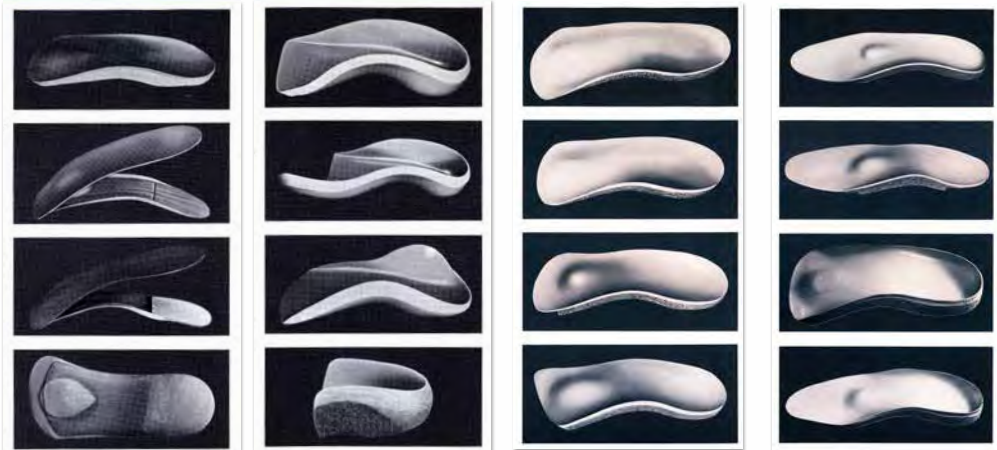
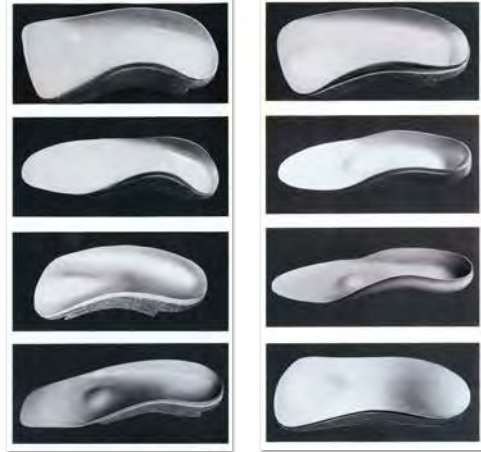
Trage

„Die Richtige!“

Historical poster with founder Hermann Springer from the 1920s:
»Rescue the foot! Wear 'The Right One!«



Foot Health is
our Business.





Today Germany's Oldest
Insole Manufacturer.

**Springer macht ja doch immer das gleiche:
Einlagen-Rohlinge.**

...aber davon 189 verschiedene Formen



Denn was man ausschließlich macht, das macht man gut.
Da hat man Erfahrungen über Verfahren und Materialien,
über Formgebung und Normung,
über Werkzeuge und Arbeitsabläufe.
Erfahrungen, die unseren Kunden zugute kommen.

Springer - der Spezialist



HERMANN SPRINGER GMBH

Am Nordhafen 6 · 1000 Berlin 65 · Telefon (0 30) 4 61 20 94

We are the Specialists in
Functional Insoles.

Advertisement left from 1985:

»Springer is still making the same plain prefabricated insoles:

But they make them in 189 different ways!

Because we are particularly good at what we do exclusively. We have the experience of the processes and materials, the forms and standards, the tools and work procedures. Experience that is good for our clients.

Springer – The Specialist«

Sporteinlagen von Springer- damit der Fuß nicht auf der Strecke bleibt.

Springer Sporteinlagen
bieten:

- optimale Dämpfung
- präzise Führung
- sicheres Stützen.



Springer - der Spezialist



HERMANN SPRINGER GmbH
Am Nordhafen 6 · 1000 Berlin 65
Telefon (030) 465 90 24
Telex 184757 sprbl d

Dear Mr. Hepper,

Thank you very much for your invitation to celebrate the 111th anniversary of your company, giving me the opportunity to make a few comments.
I still remember very well when we started the business relationship with your company in 1977/1978.

At that time, your business was in a city that was like an island surrounded by the sea of socialism which felt the full impact and consequences of German history.
The competition was varied and included big names that constantly tried to encroach on our market. Your company was seen in part as a quiet obsolescence in an isolated economic zone. The persistence of your company was at times ridiculed. However, your business was something that I greatly appreciated and was crucial for me.

You were flexible, open to new ideas, therefore, together with Mr. Wendt, I developed the first ever sports insole. I always had to dissuade him from his previous way of thinking, but he was flexible and open to learning new things. I greatly appreciated that.
The development continued for nearly a year, there were countless models until the product evolved and became the success that it has remained to this day. It was completely new and did not fit into the mindset that had prevailed so far. You opened up the line of sports supplies and many variations followed.
Today, all this is, of course, goes without saying; however, development is a continuous process and changes constantly.

As with the motion analysis that I have been conducting since 1985, there are always new ways of looking at things and considerations, which make it necessary for us to conduct a constant reflection on what has been done to date.
In this regard, nothing has really changed, the wheel continues to turn perpetually and also represents a constant challenge for your business.

As you know, I come from Germany's Tuscany, so I personally cannot accept your invitation because of the distance, which I deeply regret.

I wish you good health and every success in your company's further development.
Best wishes from Freiburg


Wolfram Fischer

The first sport insole
came from us in 1985.

Advertisement left:

»Sports Insoles from Springer -

So that the foot remains firm on the track.

Springer Sports Insoles Offer:

- Optimal absorption
- Precise guidance
- Safe support.

Springer – The Specialist«





Made fun of in 2000 but –
Today market leader.

Structure of the Catalogue

With our new catalogue, we have tried to make everything as clear as possible for you. Familiarise yourself here with the new page layout:

Article Name

When possible, Article Name as in the advertising, e.g. "ROMY".

Article Number

Express Stock

If the icon is displayed, you will receive the product from the Express Stock quickly.

Register

for better orientation in the range: product range CITY selected here.

Core System

Schematic representation of the shape of the core system and the position of the pad

Variants


of the model in comparison

Protected model
(Registered design, patented models) are marked with a symbol.

Features of the model, such as material, workmanship and other particular features

Variants
Table with variants of a model.

Versions
Versions shown are available on request.



REGISTERED DESIGN

1.9 mm thin Faux Leather with Python Design Soft Pad Pressure, Anatomical 3 mm Ball Cushion Springolon 15 Shore A 1.9 mm thin

Core System 12 Ladies

- ✓ Last shape, high heel pitch
- ✓ Stable core, without heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

Weight about 42 g
Shoe Sizes 35 - 46

Variants

FORM	1/4 INSOLE	FULL LENGTH	SHOE SIZES
9 Ladies	005 4F 242 803 1 038 00000	005 4L 262 806 1 002 00000	35 - 46

VERSIONS ON REQUEST:

Calf Leather natural perforated

full length 1.5 mm 1/4 insole

26 SPRINGER CATALOGUE

Structure of the Catalogue

Overview Core System CITY Models



- 11**
 - Last shape, low heel pitch
 - Stable core with soft edges
- 12 (Ladies)**
 - Last shape, high heel pitch
 - Stable core, without heel
- 12 (Gentlemen)**
 - Last shape, low heel pitch
 - Stable core, without heel
- 13 Pain**
 - Last shape, low heel pitch
 - Carbon core with stable Rigi, dia and butterfly springs
- 13 Sport**
 - Last shape for cycling and soccer shoes
 - Carbon core with knee regulation, elastic
- 17**
 - Last shape, low heel pitch / sensor motor
 - Partially elastic bracing core
- 18**
 - Last shape, good longitudinal arch support, heel cup
 - Very stable injection moulding core, flexible heel
- 19**
 - Last shape, good longitudinal arch support
 - Very stable injection moulding core, flexible heel
- 22/23**
 - Last shape, medium heel pitch
 - Metatarsal and heel free core
- 24 / 27**
 - Last shape, low heel pitch
 - Partially elastic bracing core with calcaneal recess
- 28**
 - Last shape, low heel pitch
 - Partially elastic bracing core up to under the pad
- MR**
 - Shell shape
 - Stable core with good support

SPRINGER CATALOGUE 21

Overview of the Core System / Substructure

Each product range begins with an overview of the most important types of insoles.

Overview of the Models

In the tabular overview all models of the product range with all the features on one side are summarised. On the opposite side, an illustration is shown for each model.

Model CITY Overview

Picture	Article Number	Version	Core System	Stitch	Core System	Stitch	Page
1	005 4F 563 100 2 002 00000	♀ Ladies	-	-	17	35-47/48	24
2	005 4F 564 100 2 002 00000	♂ Gentlemen	-	-	17	35-47/48	24
3	005 4L 262 806 1 002 00000	♀ Ladies	-	-	17	35-47/48	25
4	005 4L 262 807 1 002 00000	♂ Gentlemen	-	-	17	35-47/48	25
5	005 4F 263 809 2 002 00000	♀ Ladies	-	-	12 Ladies	35-46	27
6	005 4F 263 809 2 002 00000	♂ Gentlemen	-	-	12 Gentlemen	35-47/48	28
7	005 4L 262 110 0 004 00000	♀ Ladies	-	-	12 Ladies	35-46	30
8	005 4L 262 110 0 004 00000	♂ Gentlemen	-	-	12 Gentlemen	35-47/48	31
9	008 4F 862 300 0 002 00000	Unisex	-	-	22/23	35-46	31
10	008 4F 862 300 0 002 00000	Unisex	-	-	22/23	35-46	32
11	009 4L 161 302 0 004 00000	Unisex	-	-	11	35-46	34
12	011 4L 161 814 2 004 00000	Unisex	-	-	11	35-46	35
13	005 4F 405 446 1 002 00000	Shell shape	-	-	MR	35-47/48	36
14	009 4F 563 000 0 002 00000	♀ Ladies	-	-	28	35-47/48	37
15	009 4F 471 000 0 002 00000	♂ Gentlemen	-	-	28	35-47/48	38
16	009 4L 563 805 1 000 00000	♀ Ladies	-	-	28	35-47/48	38
17	009 4F 471 000 0 002 00000	♂ Gentlemen	-	-	28	35-47/48	39
18	009 4F 471 000 0 002 00000	♂ Gentlemen	-	-	28	35-47/48	39
19	015 4F 862 000 0 002 00000	Narrow	-	-	19	35-46	40
20	015 4F 862 000 0 002 00000	Medium wide	-	-	19	35-47/48	40
21	015 4F 862 000 0 014 00000	Narrow	-	-	18	35-46	41
22	015 4F 864 011 2 014 00000	Wide	-	-	18	35-47/48	41
23	015 4F 864 011 2 014 00000	Medium wide	-	-	18	35-47/48	41
24	015 4F 864 011 2 014 00000	Ugida	-	-	18	36-47/48	41
25	011 4F 862 400 2 014 00000	Narrow	-	-	18	35-46	42
26	011 4F 862 400 2 014 00000	Medium wide	-	-	18	35-47/48	42
27	011 4F 864 404 2 014 00000	Wide	-	-	18	36-47/48	42
28	015 4F 862 011 2 014 00000	Narrow	-	-	18	35-46	43
29	015 4F 864 011 2 014 00000	Medium wide	-	-	18	35-47/48	43
30	015 4F 864 011 2 014 00000	Wide	-	-	18	36-47/48	43
31	015 4F 864 011 2 014 00000	Ugida	-	-	18	35-47/48	43
32	009 4L 563 311 2 012 00000	♀ Ladies	-	-	24	35-47/48	44
33	009 4L 563 311 2 012 00000	♂ Gentlemen	-	-	24	35-47/48	44
34	009 4L 563 311 2 012 00000	Medium wide	-	-	27	35-47/48	45
35	006 4F 013 111 0 020 00000	Medium wide, flexible ball	-	-	13 Pain	35-47/48	46
36	006 4L 013 111 0 020 00000	Medium wide, without ball	-	-	13 Pain	35-47/48	46
37	006 4F 013 111 0 020 00000	Medium wide, without Regula	-	-	13 Pain	35-47/48	46
38	006 4L 013 111 0 040 00000	Spring	-	-	13 Pain	35-47/48	46
39	006 4L 013 111 0 040 00000	Butterfly spring	-	-	13 Pain	35-47/48	46
40	006 4L 262 111 0 024 00000	Cycling Shoe	-	-	13 Sport	35-47/48	47
41	006 4L 137 111 0 041 00000	Soccer Shoe	-	-	13 Sport	35-47/48	47
42	006 4L 013 111 0 040 00000	WINGSOLE	-	-	13 Sport	35-47/48	47
43	001 4L 736 619 1 002 00000	Sensor motor	-	-	17	35-48	48
44	001 4L 736 619 1 002 00000	Sensor motor	-	-	17	35-48	48
45	007 4L 736 631 1 002 00000	Sensor motor	-	-	17	35-48	49

SPRINGER CATALOGUE 22

New Article Numbers

With this catalogue, we are introducing a new article-numbering system. The multi-digit numbers thus encode the features of the insoles in successive sets of numbers.

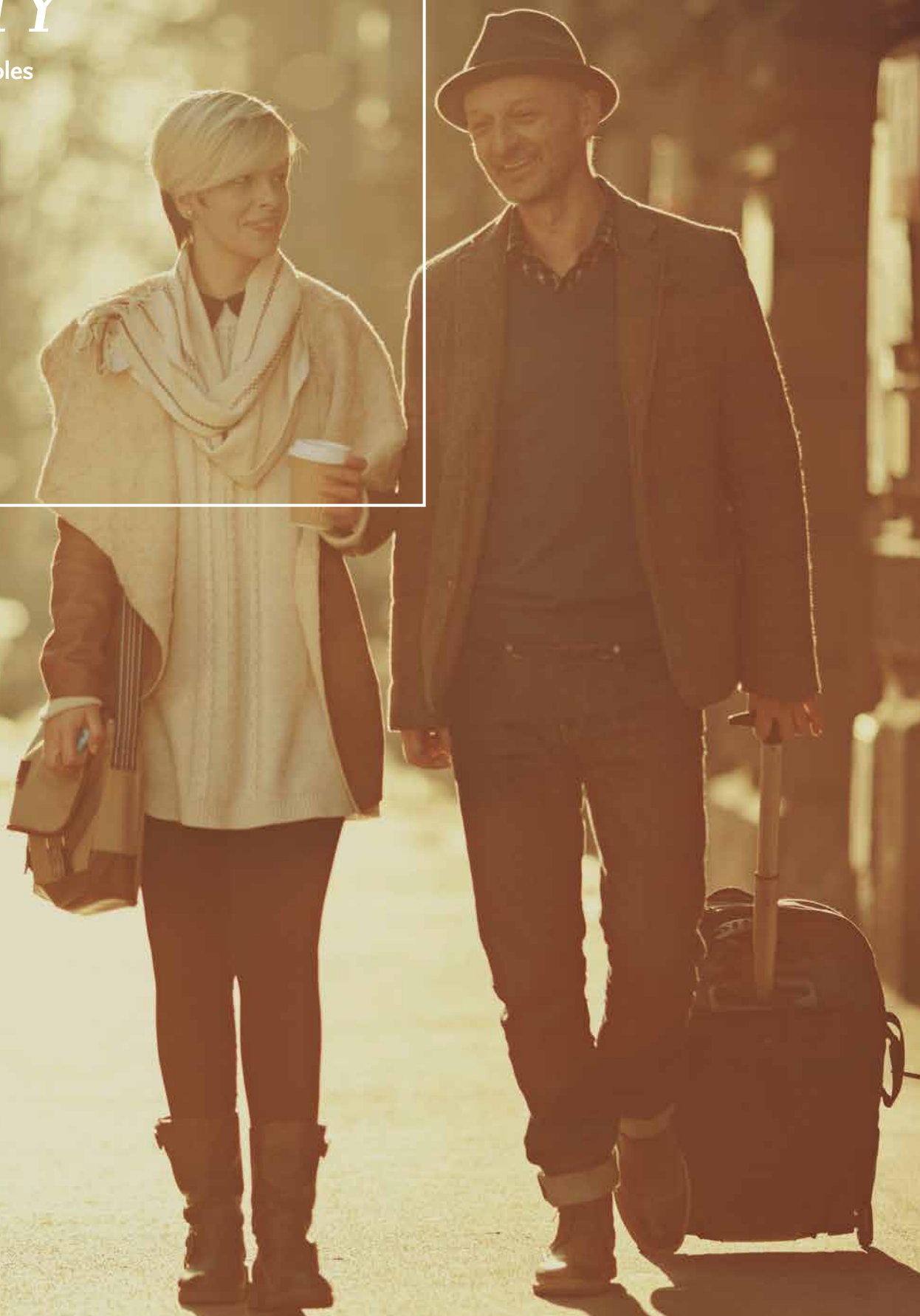
005	4F	242	110	0	004	00000
Substructure	Type	Outline Form	Cover	Pad	Other	Client Designation

How is the new Article Number broken down?

Placement	Meaning
1-3	Substructure Material
4-5	Product Range (e.g. ACTIVE, CITY, KIDS, etc.)
6-8	Outline Form of the Insole
9-11	Cover Material
12	Pad Version
13-15	Other / Version
16-20	Client Designation (00000 = SPRINGER, for client or special models = Client Number)

CITY

Copy Insoles





Overview Core Systems CITY Models



11

- ✓ Last shape, low heel pitch
- ✓ Stable core with soft edges



12 (Ladies)

- ✓ last shape, high heel pitch
- ✓ Stable core, without heel



12 (Gentlemen)

- ✓ Last shape, low heel pitch
- ✓ Stable core, without heel



13 Pain

- ✓ Last shape, low heel pitch
- ✓ Carbon core with stable Rigidus and butterfly springs



13 Sport

- ✓ Last shape for cycling and soccer shoes
- ✓ Carbon core with knee regulator, elastic



17

- ✓ Last shape, low heel pitch / sensorimotor
- ✓ Partially elastic bracing core



18

- ✓ Last shape, good longitudinal arch support, heel cup
- ✓ Very stable injection moulding core; flexible heel



19

- ✓ Last shape, good longitudinal arch support
- ✓ Very stable injection moulding core, flexible heel



22/23

- ✓ Last shape, medium heel pitch
- ✓ Metatarsal and heel free core



24 / 27

- ✓ Last shape low heel pitch
- ✓ Partially elastic bracing core with calcaneal recess



28

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core up to under the pad





MR

- ✓ Shell shape
- ✓ Stable core with good support



Model CITY Overview

picture	Article Number	Versions	full length	¾ insoles	½ insoles	 Express Stock	Core Systems	 Shoe Sizes	Page
1	005 4F 563 100 2 002 00000	♀ Ladies	•	•			17	35 - 47/48	24
	005 4F 564 100 2 002 00000	♂ Gentlemen	•	•			17	35 - 47/48	
2	005 4F 563 105 2 002 00000	♀ Ladies	•	•			17	35 - 47/48	25
	005 4F 564 105 2 002 00000	♂ Gentlemen	•	•			17	35 - 47/48	
3	005 4L 262 806 1 002 00000	♀ Ladies	•	•		•	12 Ladies	35 - 46	26
4	005 4L 262 807 1 002 00000	♀ Ladies	•	•		•	12 Ladies	35 - 46	27
5	005 4F 263 809 2 002 00000	♂ Gentlemen	•				12 Gentlemen	35 - 47/48	28
6	005 4F 263 500 2 002 00000	♂ Gentlemen	•				12 Gentlemen	35 - 47/48	29
7	005 4L 262 110 0 004 00000	♀ Ladies	•	•		•	12 Ladies	35 - 46	30
	005 4L 263 110 0 004 00000	♂ Gentlemen	•			•	12 Gentlemen	35 - 47/48	
8	008 4F 862 300 0 002 00000	Unisex	•				22/23	35 - 46	31
9	008 4L 862 629 2 002 00000	Unisex	•			•	22/23	35 - 46	32
10	009 4L 862 814 2 004 00000	Unisex	•			•	22/23	35 - 46	33
11	011 4L 161 302 0 004 00000	Unisex	•			•	11	35 - 46	34
12	011 4L 161 814 2 004 00000	Unisex	•			•	11	35 - 46	35
13	003 4F K05 646 1 002 00000	Shell shape	•				MR	35 - 47/48	36
14	009 4F 563 000 0 002 00000	♀ Ladies	•				28	35 - 47/48	37
	009 4F 473 000 0 002 00000	♂ Gentlemen	•				28	35 - 47/48	
15	009 4L 563 805 2 000 00000	♀ Ladies	•			•	28	35 - 47/48	38
	009 4F 473 805 2 000 00000	♂ Gentlemen	•				28	35 - 47/48	
16	009 4F 563 209 2 000 00000	♀ Ladies	•				28	35 - 47/48	39
	009 4F 473 209 2 000 00000	♂ Gentlemen	•				28	35 - 47/48	
17	016 4F 962 000 0 002 00000	Narrow	•	•			19	35 - 46	40
	017 4F 563 000 0 002 00000	Medium wide	•	•			19	35 - 47/48	
18	013 4F 832 000 0 014 00000	Narrow		•			18	35 - 44	41
	014 4F 533 000 0 014 00000	Medium wide		•			18	35 - 47/48	
	015 4F 834 000 0 014 00000	Wide		•			18	37 - 47/48	
19	013 4F 862 400 2 014 00000	Narrow	•	•			18	35 - 44	42
	014 4L 563 400 2 014 00000	Medium wide	•	•		•	18	35 - 47/48	
	015 4F 864 400 2 014 00000	Wide	•	•			18	36 - 47/48	
20	013 4F 862 011 2 014 00000	Narrow	•	•			18	35 - 44	43
	014 4F 563 011 2 014 00000	Medium wide	•	•			18	35 - 47/48	
	015 4F 864 011 2 014 00000	Wide	•	•			18	37 - 47/48	
	015 4F FIN 011 2 014 00000	FINN	•				18	35 - 47/48	
21	009 4L 563 511 2 012 00000	♀ Ladies	•			•	24	35 - 47/48	44
	009 4L 473 511 2 012 00000	♂ Gentlemen	•			•	24	35 - 47/48	
22	009 4L 563 626 2 017 00000	Medium wide	•			•	27	35 - 47/48	45
23	006 4F 013 111 0 020 00000	Medium wide, flexible hallux	•				13 Pain	35 - 47/48	46
	006 4L 013 111 0 022 00000	Medium wide, reinforced hallux	•			•	13 Pain	35 - 47/48	
	006 4F 013 111 0 023 00000	Medium wide, without Rigidus spring	•				13 Pain	35 - 47/48	
	006 4L 013 111 0 040 00000	Butterfly spring	•			•	13 Pain	35 - 47/48	
24	006 4L 263 111 0 024 00000	Cycling Shoe	•			•	13 Sport	35 - 47/48	47
	006 4L 13F 111 0 041 00000	Soccer Shoe	•			•	13 Sport	35 - 47/48	
25	001 4L 730 619 2 002 00000	Sensorimotor	•			•	17	35 - 48	48
26	007 4L 730 631 1 002 00000	Sensorimotor	•			•	17	35 - 48	49



1



2



3



4



5



6



7



8



9



10



11



12



13



14



15



16



17



18



19



20



21



22



23



24



25



26




005 4F 563 100 2 002 00000



Core System 17

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core, thin outgoing edges
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 36 g

 Shoe Sizes 35 - 47/48

Variants



♀ Ladies

♂ Gentlemen

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
♀ Ladies	005 4F 533 100 2 010 00000	005 4F 563 100 2 002 00000	35 - 47/48
♂ Gentlemen	005 4F 534 100 2 010 00000	005 4F 564 100 2 002 00000	35 - 47/48

VERSIONS ON REQUEST:



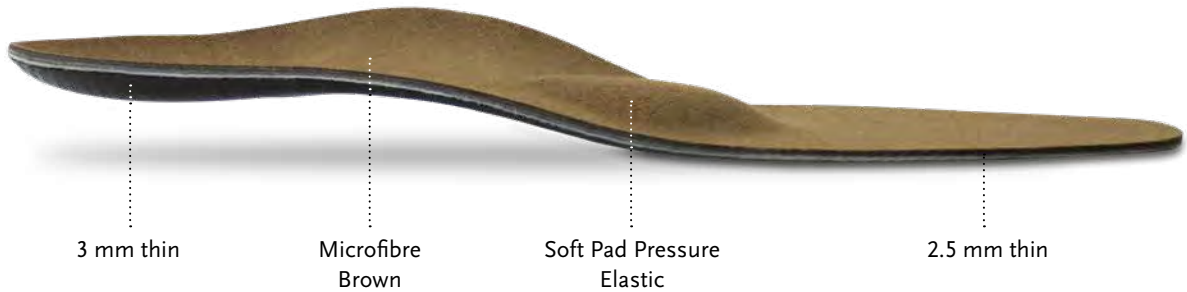
Without Pad Pressure



AIR Forefoot Perforation





005 4F 563 105 2 002 00000



Core System 17

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core, thin outgoing edges
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 48 g

 Shoe Sizes 35 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
♀ Ladies	005 4F 533 105 2 010 00000	005 4F 563 105 2 002 00000	35 - 47/48
♂ Gentlemen	005 4F 534 105 2 010 00000	005 4F 564 105 2 002 00000	35 - 47/48

VERSIONS ON REQUEST:



♀ Ladies

♂ Gentlemen



beige



blue



dark blue



black



orange



saffron
Floral Design



®
beige



Leda® black



Calf Leather
beige



ROMY

005 4L 262 806 1 002 00000

EXPRESSSTOCK

REGISTERED DESIGN



1.9 mm thin

Faux Leather with Python Design

Soft Pad Pressure, Anatomical


3 mm Ball Cushion Springolon 15 Shore A

1.9 mm thin



Core System 12 Ladies

- ✓ Last shape, high heel pitch
- ✓ Stable core, without heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 42 g

 Shoe Sizes 35 - 46

Variants

FORM	3/4 INSOLE	FULL LENGTH	SHOE SIZES
♀ Ladies	005 4F 242 803 1 038 00000	005 4L 262 806 1 002 00000	35 - 46

VERSIONS ON REQUEST:



Calf Leather natural perforated



full length

3/4 insole



005 4L 262 807 1 002 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY

REGISTERED DESIGN



1.9 mm thin

Nanofibre Saffron
Floral Design
Embossed

Soft Pad Pressure,
Anatomical


3 mm Ball Cushion
Springolon 15 Shore A

1.9 mm thin



Core System 12 Ladies

- ✓ Last shape high heel pitch
- ✓ Stable Core, without heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 38 g

 Shoe Sizes 35 - 46

Variants

FORM	¾ INSOLE	FULL LENGTH	SHOE SIZES
♀ Ladies	005 4F 242 804 1 038 00000	005 4L 262 807 1 002 00000	35 - 46

VERSIONS ON REQUEST:



Microfibre brown



full length



¾ insole



HUGO

005 4F 263 809 2 002 00000

REGISTERED DESIGN



1.9 mm thin

Faux Leather
Python Design

Rubber Pad
Elastic

3 mm Cushion
Springolon 15 Shore A



Core System 12 Gentlemen

- ✓ Last shape low heel pitch
- ✓ Stable core, without heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C



Weight about 46 g



Shoe Sizes 35 - 47/48



♂ Gentlemen

Versions (on request)



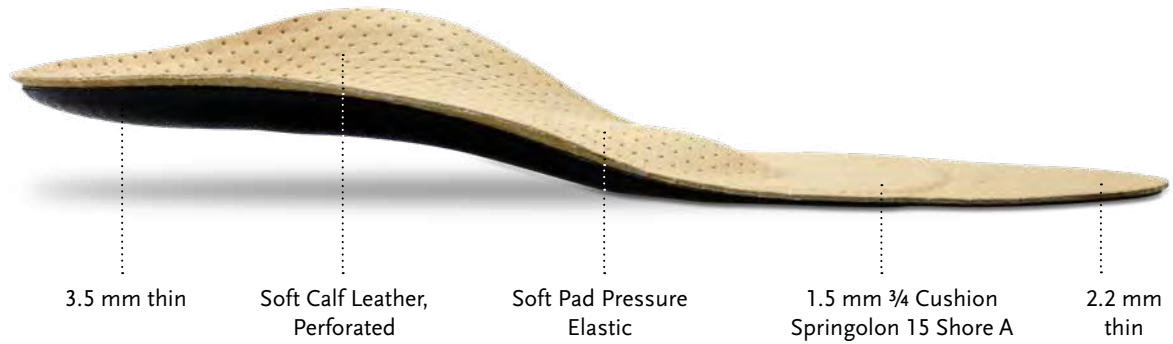
Microfibre brown



AIR Forefoot Perforation



005 4F 263 500 2 002 00000



3.5 mm thin

Soft Calf Leather, Perforated

Soft Pad Pressure Elastic


1.5 mm 3/4 Cushion Springolon 15 Shore A


2.2 mm thin



Core System 12 Gentlemen

- ✓ Last shape, low heel pitch
- ✓ Stable core, without heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 46 g

 Shoe Sizes 35 - 47/48

Versions (on request)



♂ Gentlemen

Leda® black perforated

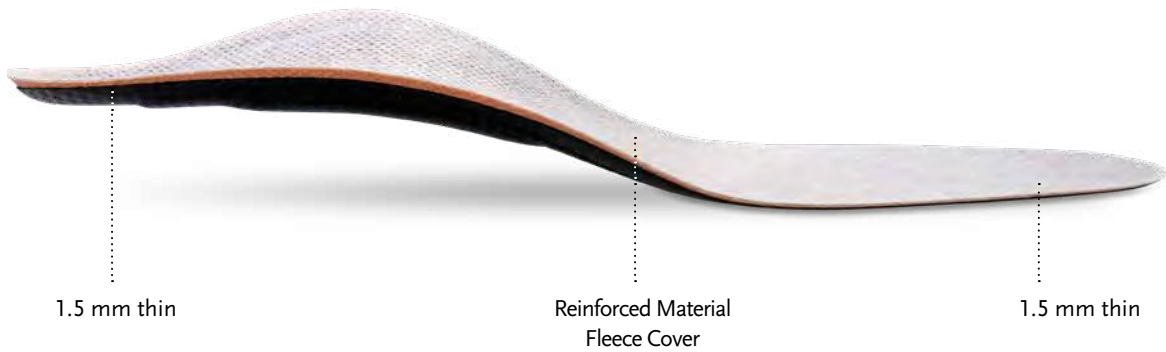


Leda® black perforated





005 4L 262 110 0 004 00000

EXPRESSSTOCK



Core System 12 Ladies/Gentlemen

- ✓ Last shape ♀ high heel pitch / ♂ low heel pitch
- ✓ Stable core, without heel
- ✓ Carbon lining full length
- ✓ Thermoplasticity at about 100°C,
Manufacturer's Tips ▶ S. 125

 Weight about 28 g
 Shoe Sizes 35 - 47/48

Variants



♀ Ladies 3/4 insole ♀ Ladies full length ♂ Gentlemen

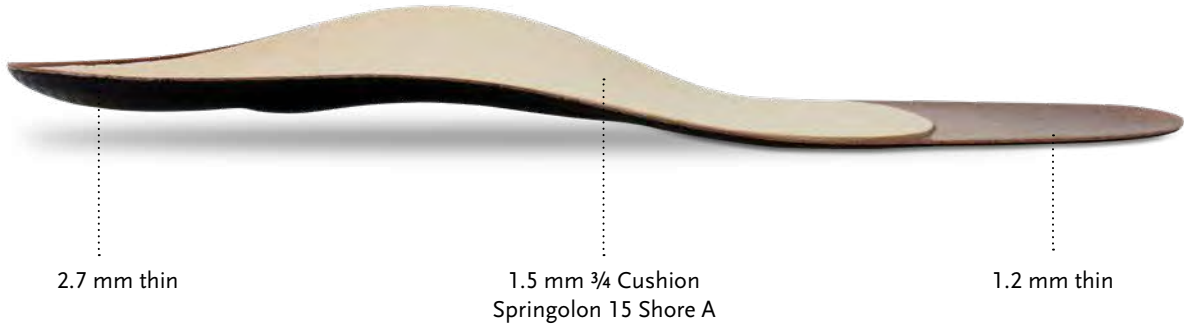
FORM	3/4 INSOLE	FULL LENGTH	SHOE SIZES
♀ Ladies	005 4F 242 110 0 039 00000	005 4L 262 110 0 004 00000	35 - 46
♂ Gentlemen	005 4L 263 110 0 004 00000	005 4L 263 110 0 004 00000	35 - 47/48

TYPE OF SHOES FOR THESE MODELS:







008 4F 862 300 0 002 00000



Core System 22/23

- ✓ Last shape, medium heel pitch
- ✓ Metatarsal and heel free core
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 46 g

 Shoe Sizes 35 - 46



Unisex

Covering Material — Linear meter or roll on request



Microfibre beige



Microfibre brown



Microfibre black



Microfibre dark blue



Microfibre blue



Microfibre green



Nanofibre saffron



Nanofibre saffron Floral Design



Nanofibre orange



Polyester Check Design



Polyester Houndstooth Design



Polyester Floral Design



X-Static



Leda® beige perforated



Leda® black perforated



008 4L 862 629 2 002 00000

EXPRESSSTOCK



3 mm thin

X-Static
Antibacterial Cover

Rubber Pad


3 mm Ball Cushion
Springolon 15 Shore A

3 mm thin



Core System 22/23

- ✓ Last shape medium heel pitch
- ✓ Metatarsal and heel free core
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 46 g

 Shoe Sizes 35 - 46

Shoe Types



Slipper



Ballerina



Pumps



Business



Unisex

Customised model on request.



009 4L 862 814 2 004 00000

EXPRESSSTOCK

CITY

ACTIVE

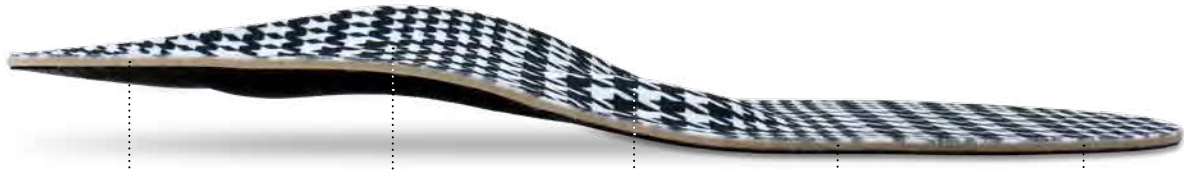
BIO

KIDS

DIABETES

SAFETY

REGISTERED DESIGN



2.8 mm thin

Polyester
Houndstooth Design

Rubber Pad

1.5 mm Full Length Cushion
Springolon 15 Shore A

2.8 mm thin



Core System 22/23

- ✓ Last shape, medium heel pitch
- ✓ Stable core, free heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C



Weight about 40 g



Shoe Sizes 35 - 46

Versions (on request)



Unisex



Polyester
Check Design



Nanofibre saffron
Floral Design embossed



Polyester
Floral Design



Springogum
2,5 mm full length cushion,
Microfibre natural



Calf Leather natural
perforated



011 4L 161 302 0 004 00000

EXPRESSSTOCK



2.7 mm thin


1.5 mm Full Length Cushion
Springolon 15 Shore A

2.7 mm thin



Core System 11

- ✓ Last shape, low heel pitch
- ✓ Stable core with soft edges
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100° C

 Weight about 40 g

 Shoe Sizes 35 - 46

Shoe Types



Ballerina



Business



Sneaker



Nike free
or similar



Unisex

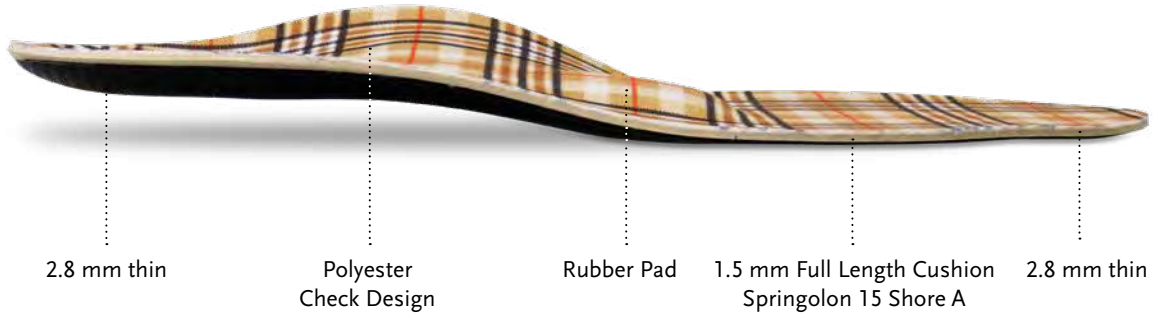


BALLERINA

011 4L 161 814 2 004 00000

EXPRESSSTOCK

REGISTERED DESIGN



Core System 11

- ✓ Last shape, low heel pitch
- ✓ Stable core with soft edges
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100° C



Weight about 50 g



Shoe Sizes 35 - 46

Versions (on request)



Nanofibre saffron
Floral Design



Polyester
Houndstooth
Design



Polyester
Floral Design



Calf Leather natural
perforated



Unisex





003 4F K05 646 1 002 00000



4.6 mm thin

1 mm Full Length Perforated Cushion, EVA 40 Shore A



Flat Pad Pressure

2 mm Full Length Cushion Springsorb 10 Shore A



Core System MR

- ✓ Shell shape
- ✓ Stable core with good support
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 50 g
 Shoe Sizes 35 - 47/48



Unisex



009 4F 563 000 0 002 00000




Thermoplastic Core
Two-Layer

1.2 mm thin



Core System 28

- ✓ Last shape low heel pitch
- ✓ Partially elastic bracing core up to below the pad
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C

 Weight about 44 g

 Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
♀ Ladies	009 4F 563 000 0 002 00000	35 - 47/48
♂ Gentlemen	009 4F 473 000 0 002 00000	35 - 47/48



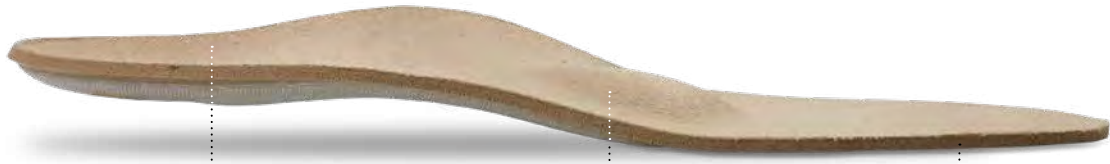
♀ Ladies

♂ Gentlemen



009 4L 563 805 2 000 00000

EXPRESSSTOCK



Microfibre natural


Rubber Pad


2.5 mm Full Length Cushion Springogum 15 Shore A



Core System 28

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core up to below the pad
- ✓ Without lining
- ✓ Thermoplasticity at about 100°C

 Weight about 46 g

 Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
♀ Ladies	009 4L 563 805 2 000 00000	35 - 47/48
♂ Gentlemen	009 4F 473 805 2 000 00000	35 - 47/48

VERSIONS ON REQUEST:



♀ Ladies

♂ Gentlemen



Paraskin Lining
Half Insole

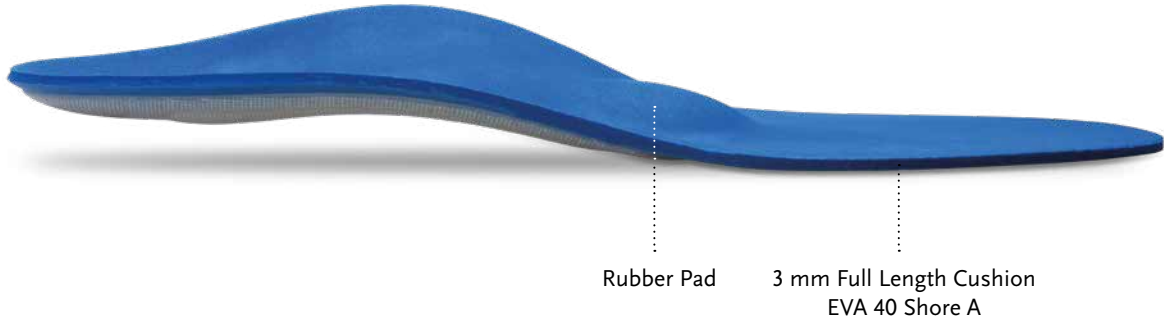


Cover Material 3mm Cushion
EVA 25 Shore A with Calf Leather
beige, glued

The core can be equipped with other cushion types, tops or covers.





009 4F 563 209 2 000 00000



Core System 28

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core up to below the pad
- ✓ Without lining
- ✓ Thermoplasticity at about 100°C

 Weight about 46 g
 Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
♀ Ladies	009 4F 563 209 2 000 00000	35 - 47/48
♂ Gentlemen	009 4F 473 209 2 000 00000	35 - 47/48

VERSIONS ON REQUEST:



Paraskin Lining
Half Insole

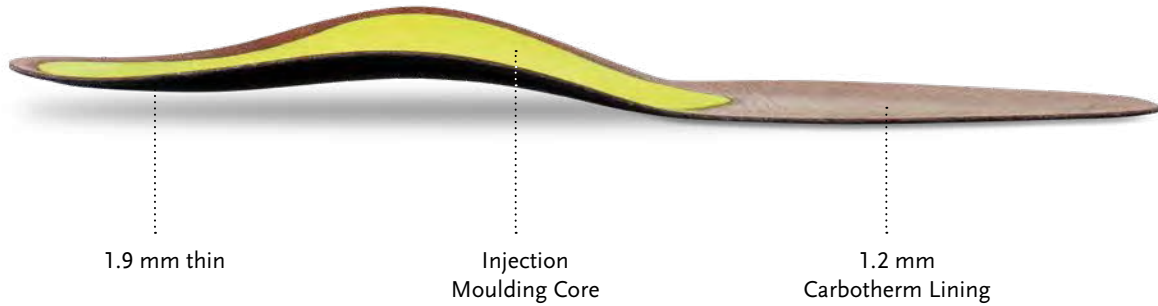


♀ Ladies

Lining fixed



017 4F 563 000 0 002 00000



1.9 mm thin



Injection Moulding Core

1.2 mm Carbotherm Lining



Core System 19

- ✓ Last shape, good longitudinal arch support, flat heel section
- ✓ Very stable injection moulding core, flexible heel
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 180°C

 Weight about 32 g
 Shoe Sizes 35 - 47/48

Variants



Medium wide full length

Medium wide 1/2 insole

FORM	1/2 INSOLE	FULL LENGTH	SHOE SIZES
Narrow	016 4F 932 000 0 010 00000	016 4F 962 000 0 002 00000	35 - 46
Medium wide	017 4F 533 000 0 010 00000	017 4F 563 000 0 002 00000	35 - 47/48

VERSIONS ON REQUEST:



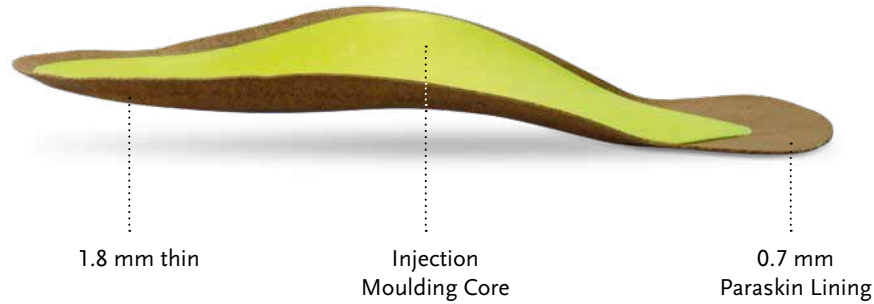
Lining 2mm Micro-Cork Half Insole



Paraskin Lining Half Insole





014 4F 533 000 0 014 00000



Core System 18

- ✓ Last shape good longitudinal arch support, heel cup
- ✓ Very stable injection moulding core, flexible heel
- ✓ Paraskin lining, half insole
- ✓ Thermoplasticity at about 180° C

 Weight about 26 g
 Shoe Sizes 35 - 47/48

Variants



Medium wide

Wide

FORM	½ INSOLE	SHOE SIZES
Narrow	013 4F 832 000 0 014 00000	35 - 44
Medium wide	014 4F 533 000 0 014 00000	35 - 47/48
Wide	015 4F 834 000 0 014 00000	37 - 47/48

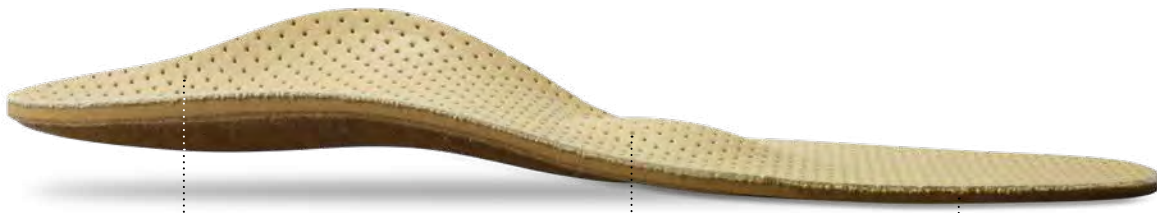
VERSIONS ON REQUEST:

The core can be equipped with cushion, tops or covers, loose or glued. It is also available without lining.



014 4L 563 400 2 014 00000

EXPRESSSTOCK



Soft Calf Leather Perforated

Rubber Pad

3 mm Full Length Cushion
EVA 25 Shore A



Core System 18

- ✓ Last shape strong longitudinal arch support, heel cup
- ✓ Very stable injection moulding core, flexible heel
- ✓ Paraskin lining and half insole
- ✓ Thermoplasticity at about 180°C



Weight about 40 g



Shoe Sizes 35 - 47/48

Variants



Medium wide

Wide

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Narrow	013 4F 832 400 2 014 00000	013 4F 862 400 2 014 00000	35 - 44
Medium wide	014 4F 533 400 2 014 00000	014 4L 563 400 2 014 00000	35 - 47/48
Wide	015 4F 834 400 2 014 00000	015 4F 864 400 2 014 00000	37 - 47/48

VERSIONS ON REQUEST:



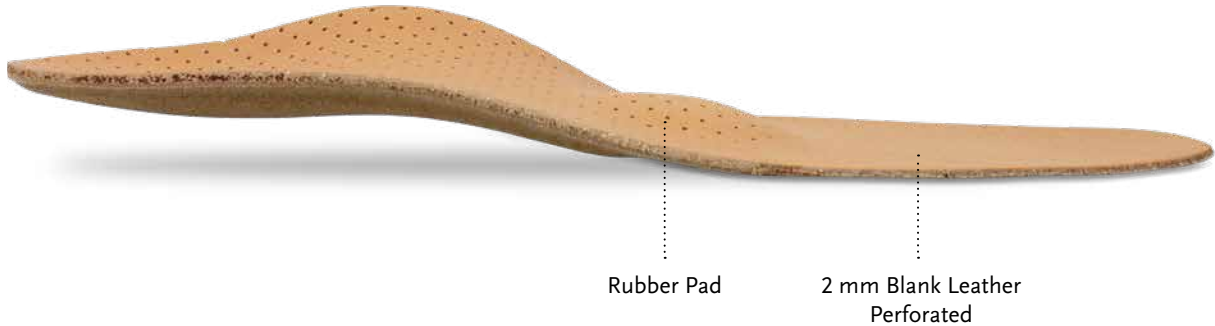
Lining 2mm
Micro-Cork Half Insole



Open Front,
Loose Pad



014 4F 563 011 2 014 00000



Rubber Pad

2 mm Blank Leather Perforated



Core System 18

- ✓ Last shape good longitudinal arch support, heel cup
- ✓ Very stable injection moulding core, flexible heel
- ✓ Paraskin lining, half insole
- ✓ Thermoplasticity at about 180°C



Weight about 52 g



Shoe Sizes 35 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Narrow	013 4F 832 011 2 014 00000	013 4F 862 011 2 014 00000	35 - 44
Medium wide	014 4F 533 011 2 014 00000	014 4F 563 011 2 014 00000	35 - 47/48
Wide	015 4F 834 011 2 014 00000	015 4F 864 011 2 014 00000	37 - 47/48
FINN		015 4F FIN 011 2 014 00000	35 - 47/48

VERSIONS ON REQUEST:



Lining 2mm Micro-Cork Half Insole



Open Front, Loose Pad

Medium wide

FINN



009 4L 473 511 2 012 00000

EXPRESSSTOCK

3 mm Hindfoot Cushion
Springolonplus 10 Shore A3 mm Full Length
Cushion 30 Shore A

Rubber Pad

Calf Leather Natural
Perforated

Core System 24

- ✓ Last shape low heel pitch
- ✓ Partially elastic bracing core with calcaneal recess
- ✓ Carbon lining, half insole
- ✓ Thermoplasticity at about 100°C



Weight about 60 g



Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
♀ Ladies	009 4L 563 511 2 012 00000	35 - 47/48
♂ Gentlemen	009 4L 473 511 2 012 00000	35 - 47/48

VERSIONS ON REQUEST:



♀ Ladies

♂ Gentlemen



Open Front, Loose Pad

no cover
adaptationTip: Good for
flexible insoles



009 4L 563 626 2 017 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



3 mm Plantar Tendon Pad
Springolonplus 10 Shore A
Internally Inserted

3 mm Full Length Cushion
EVA 40 Shore A

Rubber Pad

Microfibre
black

Core System 27

- ✓ Last shape low heel pitch
- ✓ Partially elastic bracing core with calcaneal recess
- ✓ Lining Carbotherm Half Insole
- ✓ Thermoplasticity at about 100°C



Weight about 54 g



Shoe Sizes 35 - 47/48



Versions (on request)



Medium
wide



Open front, loose pad



EVA footbed

Large bedding of the
plantar fascia and the
heel spur

Soft bedding of the acute
pain focus



See Table

EXPRESSSTOCK

PATENT
PROTECTED




Core System 13_{Pain}

- ✓ Last shape low heel pitch
- ✓ Carbon core with stable Rigidus and butterfly springs
- ✓ No lining
- ✓ Manufacturer's Tips ► see page 127

 Weight about 40 g

 Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH		SHOE SIZES
Hallux flexible	006 4F 013 111 0 020 00000		35 - 47/48
Hallux reinforced	006 4L 013 111 0 022 00000	•	35 - 47/48
without Rigidus spring	006 4F 013 111 0 023 00000		35 - 47/48
Butterfly springs	006 4L 013 111 0 040 00000	•	35 - 47/48

VERSIONS ON REQUEST:

Medium wide

Carbon Core without Rigidus Spring

Cover 1.5 mm Springolon 15 Shore A

Hallux flexible

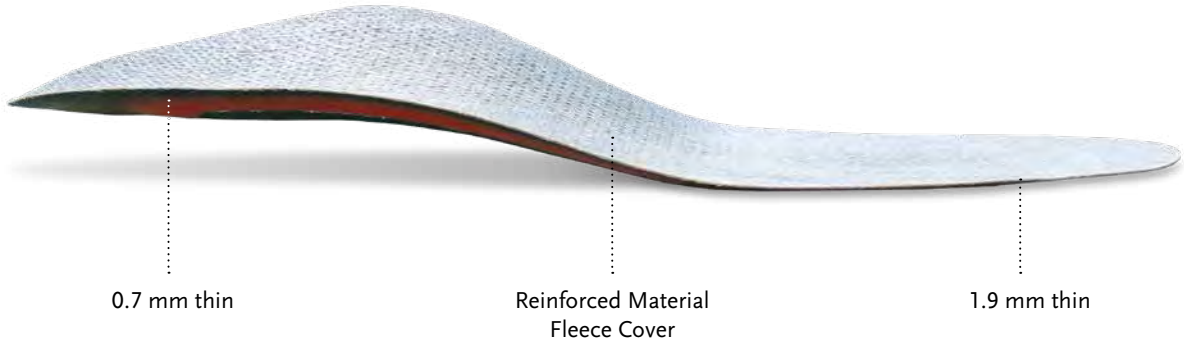
Mixed pair in Express Stock



See Table

EXPRESSSTOCK

PATENT PROTECTED



Core System 13 Sport

- ✓ Last shape, for cycling shoes with knee regulators
- ✓ Last shape for soccer shoes with carbon core, elastic
- ✓ Without Lining
- ✓ Manufacturer's tips ► see page 127-129

 Weight about 44 g

 Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	EXPRESS STOCK	SHOE SIZES
Cycling Shoe	006 4L 263 111 0 024 00000	•	35 - 47/48
Soccer Shoe	006 4L 13F 115 0 041 00000	•	35 - 47/48

VERSIONS ON REQUEST:

The carbon substructures can be delivered on request with loose covers or loose pads.



Cycling Shoe



IMPULSE

001 4L 730 619 2 002 00000

EXPRESSSTOCK

4.5 mm
thinMicrofibre
blackSoft
Retrocapital
Support2 mm Full Length Cushion
EVA 40 Shore A3.5 mm
thin

Core System 17

- ✓ Last shape, with sensorimotor impulse points, half shell and thong
- ✓ Partially elastic bracing core
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C



Weight about 46 g



Shoe Sizes 35 - 48

Additional Information

Sport- or
Business ShoesMachine washable at
about 30°C

Sensorimotor



IMPULSE

007 4L 730 631 1 002 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



3 mm Hindfoot Cushion
Springolon 15 Shore A

Microfibre
brown

3 mm Full Length
Cushion
EVA 40 Shore A

3 mm Forefoot Cushion
Springolon 15 Shore A

3.5 mm
thin



Core System 17

- ✓ Last shape, with sensorimotor impulse points, half shell without thong
- ✓ Partially elastic bracing core, AIR forefoot perforation
- ✓ Carbotherm full length lining
- ✓ Thermoplasticity at about 100°C



Weight about 54 g



Shoe Sizes 35 - 48

Additional Information



Leisure Shoes



Machine washable
at about 30°C



Sensorimotor

ACTIVE

Soft Cushioned Insoles





Substructures ACTIVE Overview



123

- ✓ 15 mm one-layer
- ✓ PE-Foam 40 Shore A
- ✓ Variable last shape



123plus

- ✓ 15 mm one-layer
- ✓ PE-Foam 30 Shore A
- ✓ Variable last shape



128

- ✓ 15 mm one-layer
- ✓ PE-Foam 40 Shore A
- ✓ Sensorimotor last shape



133/137

- ✓ 14 mm two-layer
- ✓ EVA-Combi 52 + 15 Shore A
- ✓ Variable last shape/ shell-shape



138

- ✓ 14 mm two-layer
- ✓ EVA-Combi 52 + 25 Shore A
- ✓ Sensorimotor last shape



203

- ✓ 8 mm Half Insole + 6 mm wedge
- ✓ EVA-Foam 52 Shore A
- ✓ Variable last shape



213

- ✓ 10 mm Half Insole
- ✓ EVA-Foam 52 Shore A
- ✓ Variable last shape



223

- ✓ 10 mm Half Insole
- ✓ PE-Foam 40 Shore A
- ✓ Variable last shape/ shell-shape



443

- ✓ 12 mm Half Insole, flat pressed
- ✓ Micro-cork 50 Shore A
- ✓ Last shape FINN



6063

- ✓ 15 mm one-layer, pressed
- ✓ EVA-Foam 35 Shore A
- ✓ Universal last shape



6263

- ✓ 6 mm + 10 mm two-layer pressed
- ✓ Micro-cork 50 Shore A + EVA 25 Shore A
- ✓ Universal last shape



6363

- ✓ 15 mm one-layer, pressed
- ✓ EVA-Foam 25 Shore A + Reinforcement
- ✓ Universal last shape



Model ACTIVE Overview

picture	Article Number	Versions	Substructures	Express-Stock	Shoe Sizes	Page
1	312 2L BRT 406 2 002 00000	Wide*	203	•	35 - 47/48	54
	312 2F EBT 406 2 003 00000	Extra-wide	203 HK		35 - 47/48	
	312 2L FIN 406 2 002 00000	FINN	203	•	35 - 48	
	312 2F EFI 406 2 002 00000	ExtraFINN	203		35 - 48	
	312 2F 206 406 2 003 00000	Half-Shell*	203 HK		35 - 47/48	
2	312 2F BRT 400 2 002 00000	Wide	203		35 - 47/48	55
	312 2F EBT 400 2 003 00000	Extra-wide	203 HK		35 - 47/48	
	312 2F FIN 400 2 002 00000	FINN	203		35-48	
	312 2F EFI 400 2 002 00000	ExtraFINN	203		35-48	
3	308 2L BRT 400 2 009 00000	Wide Stock	223 HK	•	35 - 47/48	56
	308 2F BRT 400 2 001 00000	Wide	223 HK		35 - 47/48	
	308 2F EBT 400 2 001 00000	Extra-wide	223 HK		35 - 47/48	
	308 2F FIN 400 2 001 00000	FINN	223 HK		35 - 48	
	308 2F EFI 400 2 001 00000	ExtraFINN	223 HK		35 - 48	
4	308 2F BRT 618 2 001 00000	Wide	223 HK		35 - 47/48	57
	308 2F EBT 618 2 001 00000	Extra-wide	223 HK		35 - 47/48	
	308 2F FIN 618 2 001 00000	FINN	223 HK		35 - 48	
	308 2F EFI 618 2 001 00000	ExtraFINN	223 HK		35 - 48	
5	308 2L BRT 211 2 009 00000	Wide*	223 HK	•	35 - 47/48	58
	308 2F EBT 211 2 001 00000	Extra-wide	223 HK		35 - 47/48	
	308 2L FIN 215 2 001 00000	FINN	223 HK	•	35 - 48	
	308 2F EFI 215 2 001 00000	ExtraFINN	223 HK		35 - 48	
6	313 2F BRT 210 2 000 00000	Wide*	213		35 - 47/48	59
	313 2F EBT 210 2 001 00000	Extra-wide	213 HK		35 - 47/48	
	313 2F FIN 210 2 000 00000	FINN	213		35 - 48	
	313 2F EFI 210 2 000 00000	ExtraFINN	213		35 - 48	
7	305 2L FIN 200 1 023 00000	FINN	443	•	35 - 48	60
8	305 2F BRT 210 1 023 00000	Wide	443		35 - 47/48	61
	305 2F FIN 210 1 023 00000	FINN	443		35 - 48	
9	305 2F BRT 400 1 023 00000	Wide	443		35 - 47/48	62
	305 2F FIN 400 1 023 00000	FINN	443		35 - 48	
10	304 2L 901 000 1 000 00000	Universal	6363	•	35 - 50	63
11	302 2L 901 000 1 000 00000	Universal	6063	•	35 - 50	64
12	302 2L 901 106 1 000 00000	Universal	6063	•	35 - 50	65
13	303 2L 901 000 1 000 00000	Universal	6263	•	35 - 50	66
14	303 2L 901 103 1 000 00000	Universal	6263	•	35 - 50	67
15	309 2F BRT 000 1 000 00000	Wide	123		35 - 47/48	68
	309 2F FIN 000 1 000 00000	FINN	123		35 - 48	
	309 2F EFI 000 1 000 00000	ExtraFINN	123		35 - 48	
	309 2F 206 000 1 000 00000	Half-shell	123		35 - 47/48	
16	307 2F BRT 105 1 000 00000	Wide	123		35 - 47/48	69
	307 2F FIN 105 1 000 00000	FINN	123		35 - 48	
	307 2F EFI 105 1 000 00000	ExtraFINN	123		35 - 48	
	307 2F 206 105 1 000 00000	Half-shell	123		35 - 47/48	
17	300 2L BRT 000 1 000 00000	Wide	133	•	35 - 47/48	70
	300 2F FIN 000 1 000 00000	FINN	133		35 - 48	
	300 2F EFI 000 1 000 00000	ExtraFINN	133		35 - 48	
	300 2F 206 000 1 000 00000	Half-Shell	133		35 - 47/48	
18	300 2F 206 000 1 008 00000	Shell	137		35 - 47/48	71
19	309 2L 128 000 1 000 00000	Sensorimotor	128	•	35 - 48	72
20	300 2L 128 000 1 000 00000	Sensorimotor	138	•	35 - 48	73

* Models also in 19/20 - 33/34 without pad pressure



1



2



3



4



5



6



7



8



9



10



11



12



13



14



15



16



17



18



19



20



CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY

312 2L BRT 406 2 002 00000**EXPRESSSTOCK**Roughened Cowhide
Perforated

Rubber Pad

3 mm Full Length Cushion
EVA 25 Shore A

Substructure 203

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ EVA-Foam in 52 Shore A
- ✓ Substructure 8 mm and inner joint wedge 6 mm
- ✓ Rough grain 40, Fine grain 80



Weight about 48 g

Shoe Sizes 19/20 - 33/34 without pad pressure
35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide*	312 2L BRT 406 2 002 00000	35 - 47/48
Extra-wide	312 2F EBT 406 2 003 00000	35 - 47/48
FINN	312 2L FIN 406 2 002 00000	35 - 48
ExtraFINN	312 2F EFI 406 2 002 00000	35 - 48
Half-Shell*	312 2F 206 406 2 003 00000	35 - 47/48

* Models also in 19/20 - 33/34 without pad pressure



Wide

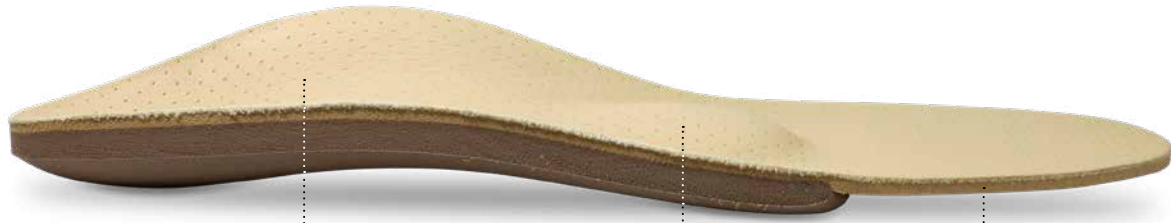
FINN

VERSIONS ON REQUEST:

3 mm Springolon Nude
15 Shore AOther Cover Knives
or Last Shape



312 2F FIN 400 2 002 00000



Soft Calf Leather
Perforated

Pad Pressure

3 mm Full Length Cushion
EVA 25 Shore A



Substructure 203

- ✓ FINN-Last shape with moderate longitudinal arch support and flat heel cup
- ✓ EVA-Foam in 52 Shore A
- ✓ Substructure 8 mm and inner joint wedge 6 mm
- ✓ Rough grain 40, Fine grain 80



Weight about 46 g



Shoe Sizes 35 - 48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	312 2F BRT 400 2 002 00000	35 - 47/48
Extra-wide	312 2F EBT 400 2 003 00000	35 - 47/48
FINN	312 2F FIN 400 2 002 00000	35 - 48
ExtraFINN	312 2F EFI 400 2 002 00000	35 - 48

VERSIONS ON REQUEST:



Other Cover Knives
or Last Shape



FINN

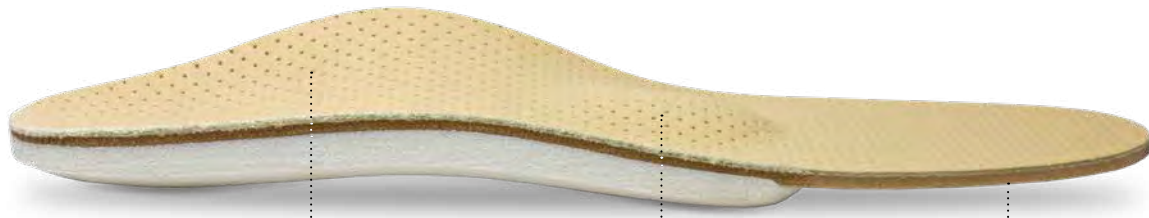


Wide



308 2L BRT 400 2 009 00000

EXPRESSSTOCK



Soft Calf Leather
Perforated

Rubber Pad

3 mm Full Length Cushion
EVA 25 Shore A



Substructure 223 HK

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ PE-Foam in 40 Shore A
- ✓ Substructure 10 mm + HK-Reinforcement
- ✓ Rough grain 40, Fine grain 80



Weight about 36 g



Shoe Sizes 35 - 47/48

Variants



Wide

FINN

FORM	FULL LENGTH	SHOE SIZES
Wide Stock	308 2L BRT 400 2 009 00000	35 - 47/48
Wide	308 2F BRT 400 2 001 00000	35 - 47/48
Extra-wide	308 2F EBT 400 2 001 00000	35 - 47/48
FINN	308 2F FIN 400 2 001 00000	35 - 48
ExtraFINN	308 2F EFI 400 2 001 00000	35 - 48

VERSIONS ON REQUEST:



Inner Joint Wedge



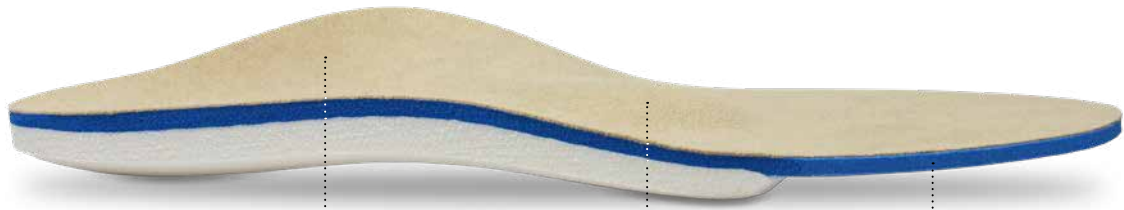
without
HK-Reinforcement



Other Cover Knives
or Last Shape



308 2F BRT 618 2 001 00000



Microfibre Beige

Rubber Pad

4 mm Perforated Cushion
Full Length PE 30 Shore A



Substructure 223 HK

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ PE-Foam in 40 Shore A
- ✓ Substructure 10 mm + HK-Reinforcement
- ✓ Rough grain 40, Fine grain 80



Weight about 44 g



Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	308 2F BRT 618 2 001 00000	35 - 47/48
Extra-wide	308 2F EBT 618 2 001 00000	35 - 47/48
FINN	308 2F FIN 618 2 001 00000	35 - 48
ExtraFINN	308 2F EFI 618 2 001 00000	35 - 48

VERSIONS ON REQUEST:



Microfibre brown



Microfibre dark blue



Nanofibre orange



Cushion, white perforated 4 mm / 5 mm



Cushion, blue perforated 5 mm 40 Shore A



Cushion, nude perforated 4 mm / 6 mm



Inner joint wedge



Without HK-Reinforcement



Wide



ExtraFINN



308 2L BRT 211 2 009 00000

EXPRESSSTOCK



4 mm Polster perforiert
full length PE 30 Shore A

Rubber Pad



Substructure 223 HK

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ PE-Foam in 40 Shore A
- ✓ Substructure 10 mm + HK-Reinforcement
- ✓ Rough grain 40, Fine grain 80



Weight about 36 g



Shoe Sizes 19/20 - 33/34 without pad pressure
35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide*	308 2L BRT 211 2 009 00000	35 - 47/48
Extra-wide	308 2F EBT 211 2 001 00000	35 - 47/48
FINN	308 2L FIN 215 2 001 00000	35 - 48
ExtraFINN	308 2F EFI 215 2 001 00000	35 - 48

* Models also in 19/20 - 33/34 without pad pressure



Wide

FINN

VERSIONS ON REQUEST:



Cushion white perforated 4 mm



Cushion, nude perforated 4 mm/6 mm



Cushion blue unperforated 4 mm



Cushion, white unperforated 4 mm



Cushion, nude unperforated 4 mm/6 mm



Cushion, blue unperf. 5 mm 40 Shore A



Cushion, blue perf. 5 mm 40 Shore A



Lunalastic orange unperf. 6 mm 25 Shore A



Inner joint wedge



Without HK-Reinforcement



313 2F BRT 210 2 000 00000



4 mm Full Length Cushion
Unperforated PE 30 Shore A

Rubber Pad



Substructure 213

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ EVA-Foam in 52 Shore A
- ✓ Substructure 10 mm
- ✓ Rough Grain 40, Fine Grain 80



Weight about 40 g



Shoe Sizes 19/20 - 33/34 without pad pressure
35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide*	313 2F BRT 210 2 000 00000	35 - 47/48
Extra-wide	313 2F EBT 210 2 001 00000	35 - 47/48
FINN	313 2F FIN 210 2 000 00000	35 - 48
ExtraFINN	313 2F EFI 210 2 000 00000	35 - 48

* Models also in 19/20 - 33/34 without pad pressure

VERSIONS ON REQUEST:



Cushion, white perforated
4 mm



Cushion, nude perforated
4 mm/6 mm



Cushion, blue perforated
4 mm



Cushion, blue unperforated
4 mm



Cushion, white unperforated
4 mm



Cushion, nude unperforated
6 mm



Cushion, blue unperf. 5 mm
40 Shore A



Cushion, blue perf. 5 mm
40 Shore A



Lunalastic, orange unperforated
6 mm 25 Shore A



Inner joint wedge



HK-Reinforcement



Wide



305 2L FIN 200 1 023 00000

EXPRESSSTOCK



PATENT PROTECTED

7 mm Full Length Cushion,
EVA-Combi Vulcanized
18 + 25 Shore A

Pad Pressure

Substructure 443

- ✓ FINN-Last shape with moderate longitudinal arch support and flat heel cup
- ✓ Micro-Cork Foam in 50 Shore A
- ✓ Substructure 12 mm, flat pressed
- ✓ Rough grain 40, Fine grain 80



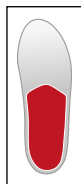
Weight about 48 g



Shoe Sizes 35 - 48

Variants

VERSIONS ON REQUEST:



HK-Reinforcement



6 mm Lunalastic orange unperforated 25 Shore A



FINN



305 2F BRT 210 1 023 00000

PATENT PROTECTED



4 mm Full Length Cushion
PE 30 Shore A

Pad Pressure



Substructure 443

- ✓ FINN-Last shape with moderate longitudinal arch support and flat heel cup
- ✓ Micro-Cork-Foam in 50 Shore A
- ✓ Substructure 12 mm flat pressed
- ✓ Rough grain 40, Fine grain 80



Weight about 42 g



Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	305 2F BRT 210 1 023 00000	35 - 47/48
FINN	305 2F FIN 210 1 023 00000	35 - 48

VERSIONS ON REQUEST:



Cushion, white perforated
4 mm



Cushion, blue perforated
4 mm



Cushion, nude perforated
4 mm / 6mm



Cushion, white unperforated
4 mm



Cushion, nude unperforated
4 mm / 6mm



HK-Reinforcement



Wide



305 2F BRT 400 1 023 00000

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY

PATENT PROTECTED



Soft Calf Leather Perforated

Pad Pressure

3 mm Full Length Cushion EVA 25 Shore A



Substructure 443

- ✓ FINN-Last shape with moderate longitudinal arch support and flat heel cup
- ✓ Micro-Cork-Foam in 50 Shore A
- ✓ Substructure 12 mm flat pressed
- ✓ Rough grain 40, Fine grain 80



Weight about 50 g



Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	305 2F BRT 400 1 023 00000	35 - 47/48
FINN	305 2F FIN 400 1 023 00000	35 - 48

VERSIONS ON REQUEST:



HK-Reinforcement



Nanofibre saffron
Floral Design Embossed



Nanofibre orange



Wide



FINN



304 2L 901 000 1 000 00000

EXPRESSSTOCK

CITY

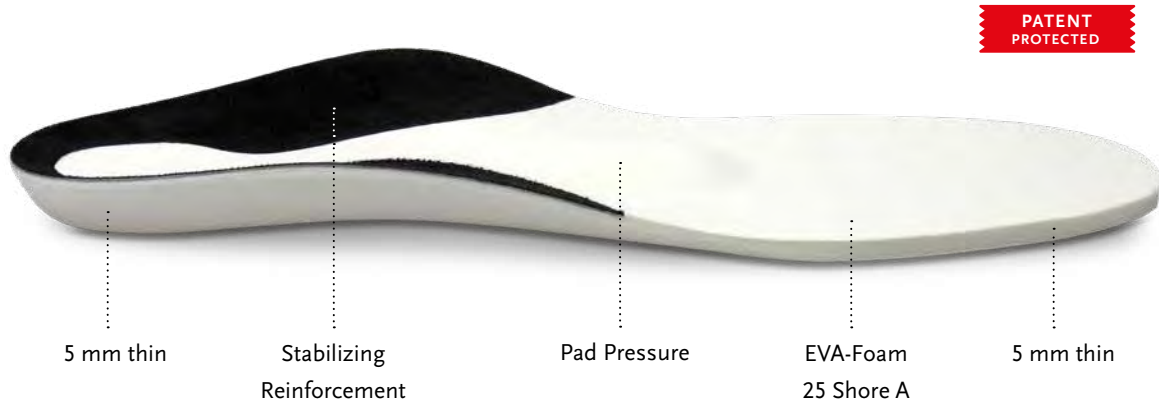
ACTIVE

BIO

KIDS

DIABETES

SAFETY



Substructure 6363

- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edge
- ✓ One-layer 15 mm with reinforcement, pressed
- ✓ Time-optimised performance craftsmanship
- ✓ Rough grain 40, Fine grain 80



Weight about 34 g



Shoe Sizes 35 - 50

Versions (on request)



Microliner brown

Universal



302 2L 901 000 1 000 00000

EXPRESSSTOCK

CITY

ACTIVE

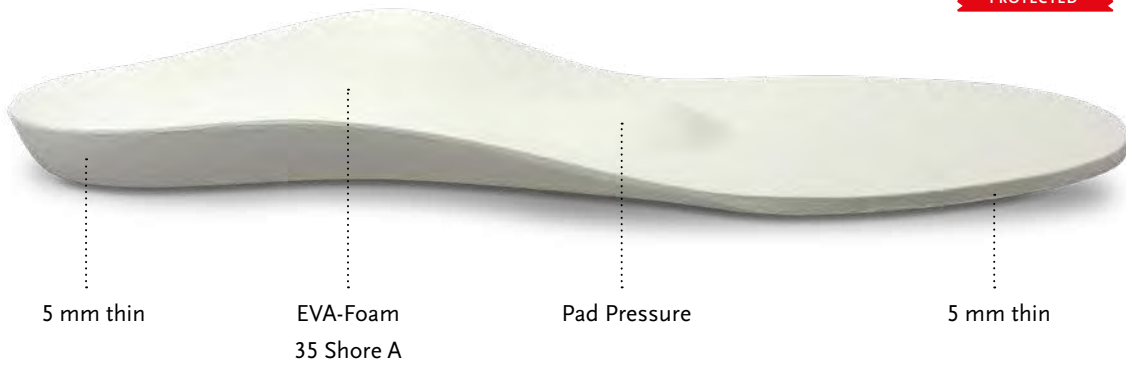
BIO

KIDS

DIABETES

SAFETY


PATENT
PROTECTED




Substructure 6063

- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edge
- ✓ One-layer 15 mm pressed
- ✓ Time-optimised performance craftsmanship
- ✓ Rough grain 40, Fine grain 80



 Weight about 30 g

 Shoe Sizes 35 - 50

Practical Examples



Universal





302 2L 901 106 1 000 00000

EXPRESSSTOCK

CITY

ACTIVE

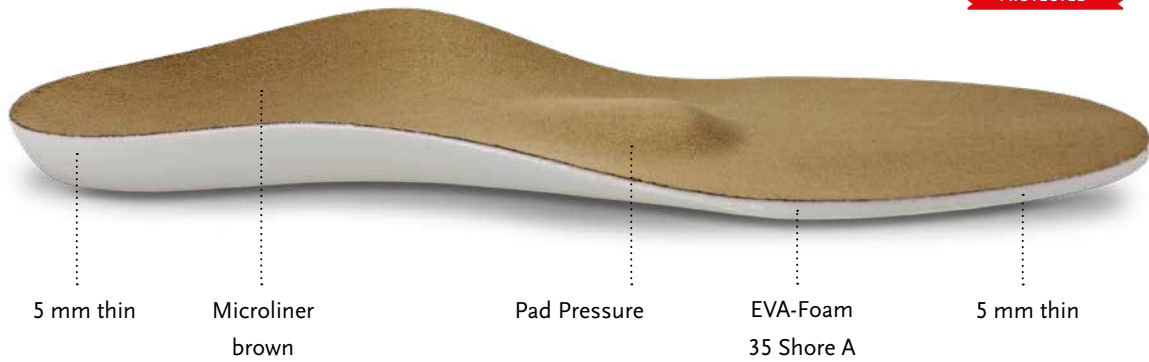
BIO

KIDS

DIABETES

SAFETY

PATENT
PROTECTED



5 mm thin

Microliner
brown

Pad Pressure

EVA-Foam
35 Shore A

5 mm thin

Substructure 6063



- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edge
- ✓ One-layer 15 mm, pressed
- ✓ Time-optimised performance craftsmanship
- ✓ Rough grain 40, Fine grain 80



Weight about 38 g



Shoe Sizes 35 - 50

Versions (on request)



Leda®
beige

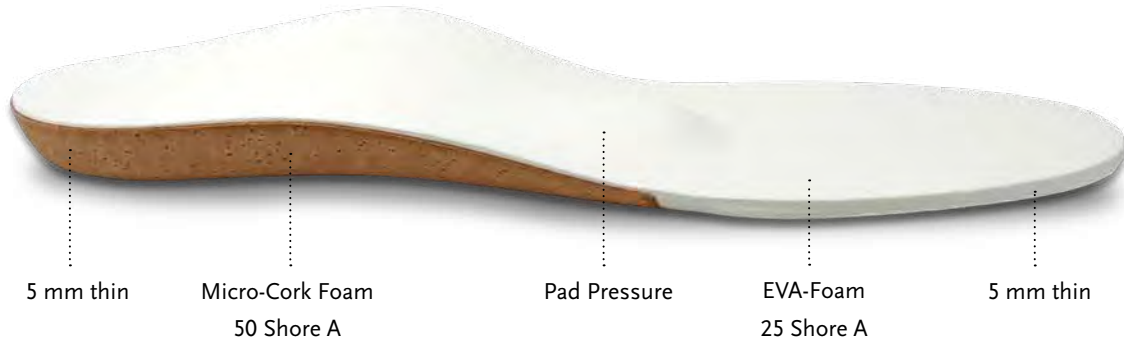
Universal



303 2L 901 000 1 000 00000

EXPRESSSTOCK

PATENT
PROTECTED



Substructure 6263

- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edge
- ✓ Two-layer 6 mm + 10 mm pressed
- ✓ Time and billing optimised performance craftsmanship
- ✓ Rough grain 40, Fine grain 80



Weight about 40 g



Shoe Sizes 35 - 50



Universal



303 2L 901 103 1 000 00000

EXPRESSSTOCK

CITY

ACTIVE

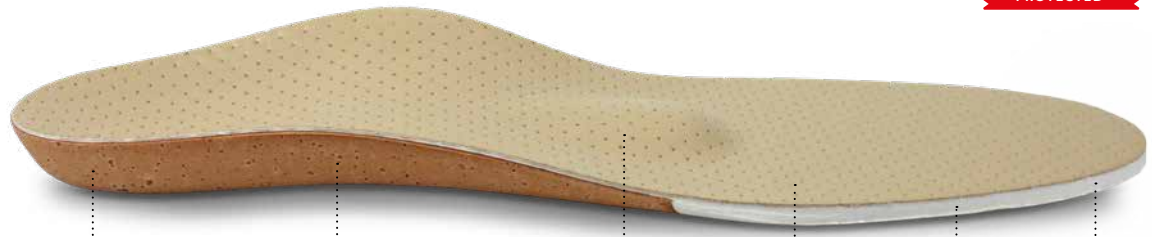
BIO

KIDS

DIABETES

SAFETY

PATENT
PROTECTED



5 mm thin

Micro-Cork Foam
50 Shore A

Pad Pressure

Leda® beige
Perforated

EVA-Foam
25 Shore A

5 mm thin

Substructure 6263

- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edge
- ✓ Two-layer 6 mm + 10 mm pressed
- ✓ Time and billing optimised performance craftsmanship
- ✓ Rough grain 40, Fine grain 80



Weight about 44 g



Shoe Sizes 35 - 50

Versions (on request)



Microliner
brown

Universal



309 2F BRT 000 1 000 00000



15 mm PE-Foam
40 Shore A

Pad Pressure

Polished Facet



Substructure 123

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ One-layer 15 mm, bedding
- ✓ Rough grain 40, Fine grain 80



Weight about 40 g



Shoe Sizes 35 - 47/48



Wide

FINN

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	309 2F BRT 000 1 000 00000	35 - 47/48
FINN	309 2F FIN 000 1 000 00000	35 - 48
ExtraFINN	309 2F EFI 000 1 000 00000	35 - 48
Half-Shell	309 2F 206 000 1 000 00000	35 - 47/48

VERSIONS ON REQUEST:



Without pad pressure



Microfibre /
Nanofibre
Free Choice of Colours



Other Cover Knives
or Last Shape



307 2F EFI 105 1 000 00000



15 mm PE-Foam
30 Shore A

Microfibre
black

Pad Pressure



Substructure 123 plus

- ✓ FINN last shape with moderate longitudinal arch support and flat heel cup
- ✓ One-layer 15 mm, very elastic
- ✓ Rough grain 40, Fine grain 80



Weight about 36 g



Shoe Sizes 35 - 48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	307 2F BRT 105 1 000 00000	35 - 47/48
FINN	307 2F FIN 105 1 000 00000	35 - 48
ExtraFINN	307 2F EFI 105 1 000 00000	35 - 48
Half-Shell	307 2F 206 105 1 000 00000	35 - 47/48

VERSIONS ON REQUEST:



Microfibre
beige



Microfibre
brown



Microfibre
dark blue



Microfibre
blue



Nanofibre
orange



Nanofibre saffron
Floral Design



Without
Pad Pressure



Without
Cover



ExtraFINN



300 2L BRT 000 1 000 00000

EXPRESSSTOCK



14 mm EVA-Combi Vulcanized
52 + 25 Shore A

Pad Pressure



Substructure 133

- ✓ Wide last shape with active longitudinal arch support, heel cup and slightly raised edge
- ✓ Two-layer 14 mm, perfect cohesion
- ✓ Stabilisation 8 mm + Cushion 6 mm
- ✓ Rough grain 40, Fine grain 80



Weight about 52 g



Shoe Sizes 35 - 48



Wide

FINN

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	300 2L BRT 000 1 000 00000	35 - 47/48
FINN	300 2F FIN 000 1 000 00000	35 - 48
ExtraFINN	300 2F EFI 000 1 000 00000	35 - 48
Half-Shell	300 2F 206 000 1 000 00000	35 - 47/48

VERSIONS ON REQUEST:



Nanofibre
orange



Other Cover Knives
or Last Shape



Without
Pad Pressure



300 2F 206 000 1 008 00000



14 mm EVA-Combi Vulcanized
52 + 25 Shore A

Pad Pressure



Substructure 137

- ✓ Shell and last shape with active longitudinal arch support
- ✓ Two-layer 14 mm, perfect cohesion
- ✓ Stabilisation 8 mm + Cushion 6 mm
- ✓ Rough grain 40, Fine grain 80



Weight about 62 g



Shoe Sizes 35 - 47/48



Shell

Practical Examples





IMPULSE

309 2L 128 000 1 000 00000

EXPRESSSTOCK



15 mm PE-Foam
40 Shore A

Retrocapital
Support

Thong

8 mm

Substructure 128

- ✓ Last shape with sensorimotor impulse points, half-shell and thong
- ✓ One-layer 15 mm, pillowing
- ✓ Rough grain 40, Fine grain 80



Weight about 38 g



Shoe Sizes 35 - 48



Sensorimotor



IMPULSE

300 2L 128 000 1 000 00000

EXPRESSSTOCK



14 mm EVA-Combi Vulcanized
52 + 30 Shore A

Retrocapital
Support

Thong

12 mm



Substructure 138

- ✓ Last shape with soft sensorimotor impulse points, stable half-shell and thong
- ✓ Two-layer 14 mm, perfect cohesion
- ✓ Rough grain 40, Fine grain 80



Weight about 58 g



Shoe Sizes 35 - 48



Sensorimotor

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



BIO

Cork-Leather Insoles



Substructures BIO Overview



28

- ✓ Partially elastic, bracing core up to under the pad
- ✓ 2 mm Micro-cork lining, full length



148/143

- ✓ 14 mm two-layer
- ✓ Micro-cork-EVA-Combi 45 + 30 Shore A
- ✓ Sensorimotor / Variable last shape



260

- ✓ Natural cork footbed
- ✓ Cork pad



327

- ✓ Natural cork footbed with cellulose reinforcement
- ✓ Cork pad



EV3

- ✓ 8 mm pressed cork + 6 mm Joint wedge
- ✓ HK-Reinforcement
- ✓ Rubber pad



EV4

- ✓ 8 mm pressed cork
- ✓ HK-Reinforcement
- ✓ Cork pad





SBS1

- ✓ Cork india rubber pad
- ✓ Shell
- ✓ PE-Foam top



BIO Model Overview

picture	Article number	Versions	full length	1/2 insole	Sub-structures	Express stock 	Shoe Sizes 	Page
1	800 1M 260 000 1 000 00000	Wide		•	260	•	35 - 47/48	78
	800 3M 260 000 0 000 00000	Model for Children		•	260	•	19/20 - 33/34	
2	801 1M 327 000 1 001 00000	Wide		•	327	•	35 - 47/48	79
3	801 1L BRT 400 1 001 00000	Wide	•		327	•	35 - 47/48	80
	801 1F FIN 400 1 001 00000	FINN	•		327		35 - 48	
4	801 1F BRT 507 1 001 00000	Wide	•		327		35 - 47/48	81
5	801 1L 063 010 1 001 00000	Wide	•	•	327	•	35 - 47/48	82
	801 1F 062 010 1 001 00000	Narrow	•	•	327		35 - 47/48	
6	801 1F 062 003 1 001 00000	Narrow	•	•	327		35 - 47/48	83
	801 1F 063 003 1 001 00000	Wide	•	•	327		35 - 47/48	
	801 1F 63B 003 1 001 00000	Extra-wide	•	•	327		35 - 47/48	
	801 1F 63F 003 1 001 00000	FINN	•		327		35 - 48	
7	804 1F 062 004 1 001 00000	Narrow	•	•	EV 4		35 - 47/48	84
	804 1L 063 004 1 001 00000	Wide	•	•	EV 4	•	35 - 47/48	
	804 1F 63E 004 1 001 00000	Extra-wide	•	•	EV 4		35 - 47/48	
	804 1F 63F 004 1 001 00000	FINN	•		EV 4		35 - 48	
8	804 1F 066 004 1 001 00000	Half-shell	•	•	EV 4		35 - 47/48	85
9	803 1F 062 010 2 003 00000	Narrow	•	•	EV 3		35 - 47/48	86
	803 1F 063 010 2 003 00000	Wide	•	•	EV 3		35 - 47/48	
	803 1F 066 010 2 003 00000	Half-shell	•		EV 3		35 - 47/48	
10	301 2F 128 000 1 000 00000	Sensorimotor	•		148		35 - 47/48	87
	301 2F BRT 000 1 000 00000	Wide	•		143		35 - 47/48	
	301 2F FIN 000 1 000 00000	FINN	•		143		35 - 48	
11	009 4F 563 000 0 008 00000	♀ Ladies Micro-cork lining	•		28		35 - 47/48	88
	009 4F 473 000 0 008 00000	♂ Gentlemen Micro-cork lining	•		28		35 - 47/48	
12	009 4L 563 805 2 008 00000	♀ Ladies Micro-cork lining	•		28	•	35 - 47/48	89
	009 4F 473 805 2 008 00000	♂ Gentlemen Micro-cork lining	•		28		35 - 47/48	
13	805 1M SBS 000 0 000 00000	SBS Substructure		•	SBS 1	•	3 - 14	90
	999 1M SBS 219 0 000 00000	SBS White Cover	•		SBS 1	•	3 - 14	
14	805 1M SBS 000 0 000 00000	SBS Substructure		•	SBS 1	•	3 - 14	91
	999 1M SBS 203 0 000 00000	SBS Black Cover	•		SBS 1	•	3 - 14	



1



2



3



4



5



6



7



8



9



10



11



12



13



14



800 1M 260 000 1 000 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



Natural Cork
Footbed

Cork Pad



Substructure 260

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Rough Grain 40, Fine Grain 80



Weight about 32 g



Shoe Sizes 19/20 - 33/34
35 - 47/48

Variants



Wide



HK-
Reinforcement

FORM	½ INSOLE	SHOE SIZES
Wide	800 1M 260 000 1 000 00000	35 - 47/48
Model for Children	800 3M 260 000 0 000 00000	19/20 - 33/34

VERSIONS ON REQUEST:



HK-Reinforcement



Solid Blank Leather Cover



260
Model for Children
without Cork Pad



801 1M 327 000 1 001 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS


DIABETES


SAFETY



Substructure 327

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Rough Grain 40, Fine Grain 80

 Weight about 32 g

 Shoe Sizes 35 - 47/48

Variants



Medium Wide

FORM	½ INSOLE	SHOE SIZES
Wide	801 1M 327 000 1 001 00000	35 - 47/48



801 1L BRT 400 1 001 00000

EXPRESSSTOCK



Soft Calf Leather Perforated

Soft
Cork Pad

3 mm Full Length Cushion
EVA 25 Shore A



Substructure 327

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Natural cork footbed with cellulose-reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 32 g



Shoe Sizes 35 - 47/48

Variants

FORM	FULL LENGTH	SHOE SIZES
Wide	801 1L BRT 400 1 001 00000	35 - 47/48
FINN	801 1F FIN 400 1 001 00000	35 - 48

VERSIONS ON REQUEST:



Microfibre /
Nanofibre
Free Choice of Colours



Springogum
(2,5 mm Cushion &
Microfibre, natural)



6 mm Cushion nude
30 Shore A



Wide

FINN



801 1F BRT 507 1 001 00000



Roughened Cowhide
Perforated


Soft
Cork Pad

3 mm Full length cushion
Springolon 15 Shore A



Substructure 327

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Natural cork footbed with cellulose-reinforcement
- ✓ Rough Grain 40, Fine Grain 80

 Weight about 32 g

 Shoe Sizes 35 - 47/48



Wide



801 1L 063 010 1 001 00000

EXPRESSSTOCK



Cork Pad

2 mm Mild Tanned
Blank Leather

Substructure 327

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Natural cork footbed with cellulose-reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 54 g



Shoe Sizes 35 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Wide	801 1F 053 010 1 001 00000	801 1L 063 010 1 001 00000	35 - 47/48
Narrow	801 1F 052 010 1 001 00000	801 1F 062 010 1 001 00000	35 - 47/48



Wide

Wide
½ insole



801 1F 063 003 1 001 00000



Cork Pad

1,8 mm Solid, Fulled
Blank Leather with Sharpened Front



Substructure 327

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Natural cork footbed with cellulose-reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 58 g



Shoe Sizes 35 - 47/48

Variants



Wide

Extra-wide

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Narrow	801 1F 052 003 1 001 00000	801 1F 062 003 1 001 00000	35 - 47/48
Wide	801 1F 053 003 1 001 00000	801 1F 063 003 1 001 00000	35 - 47/48
Extra-wide	801 1F 53B 003 1 001 00000	801 1F 63B 003 1 001 00000	35 - 47/48
FINN		801 1F 63F 003 1 001 00000	35 - 48



804 1L 063 004 1 001 00000

EXPRESSSTOCK



Cork Pad

2,2 mm Solid, Fulled, Blank
Leather with Sharpened Front



Substructure EV4

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Substructure 8 mm pressed cork + HK-reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 72 g



Shoe Sizes 35 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Narrow	804 1F 052 004 1 001 00000	804 1F 062 004 1 001 00000	35 - 47/48
Wide	804 1F 053 004 1 001 00000	804 1L 063 004 1 001 00000	35 - 47/48
Extra-wide	804 1F 53E 004 1 001 00000	804 1F 63E 004 1 001 00000	35 - 47/48
FINN		804 1F 63F 004 1 001 00000	35 - 48

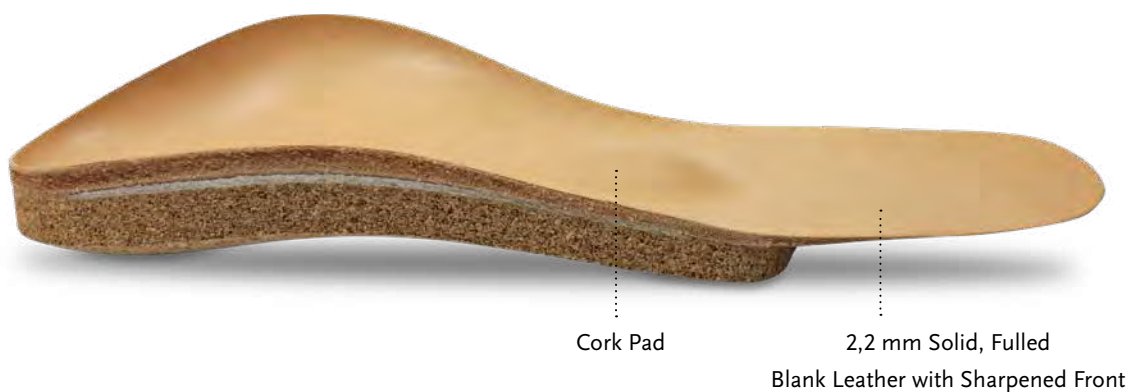


Wide

FINN





804 1F 066 004 1 001 00000



Substructure EV4

- ✓ Half-shell
- ✓ Substructure 8 mm pressed cork + HK-reinforcement
- ✓ Rough Grain 40, Fine Grain 80

 Weight about 74 g
 Shoe Sizes 35 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Half-shell	804 1F 056 004 1 001 00000	804 1F 066 004 1 001 00000	35 - 47/48



Half-shell

½ insole



803 1F 063 010 2 003 00000



Rubber Pad

2 mm Mild Tanned Blank Leather



Substructure EV3

- ✓ Wide last shape with heel cup and slightly raised edge
- ✓ Substructure 8 mm + joint wedge 6 mm + HK-reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 68 g



Shoe Sizes 35 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Narrow	803 1F 052 010 2 003 00000	803 1F 062 010 2 003 00000	35 - 47/48
Wide	803 1F 53B 010 2 003 00000	803 1F 063 010 2 003 00000	35 - 47/48
Half-shell		803 1F 066 010 2 003 00000	35 - 47/48



Wide



Half-shell



Half-shell



IMPULSE

301 2F 128 000 1 000 00000



14 mm Micro-Cork-EVA-Combi
45 + 30 Shore A

Retrocapital
Support

Thong

12 mm



Substructure 148/143

- ✓ Last shape with sensorimotor impulse points, stable half-shell and thong
- ✓ Two-layer, 14 mm, perfect cohesion
- ✓ Rough Grain 40, Fine Grain 80



Weight about 56 g



Shoe Sizes 35 - 47/48



Sensorimotor

Variants

FORM	FULL LENGTH	SUBSTRUCTURE	SHOE SIZES
Sensorimotor	301 2F 128 000 1 000 00000	148	35 - 48
Wide	301 2F BRT 000 1 000 00000	143	35 - 48
FINN	301 2F FIN 000 1 000 00000	143	35 - 48



143 Wide

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



009 4F 563 000 0 008 00000



Thermoplastic
Core Two-Layer

2 mm Micro-cork lining
35 Shore A



Core System 28

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core up to under the pad
- ✓ Lining in micro-cork on full length
- ✓ Thermoplasticity at about 100°C



Weight about 40 g



Shoe Sizes 35 - 47/48



♀ Ladies

♂ Gentlemen

Variants

FORM	FULL LENGTH	SHOE SIZES
♀ Ladies	009 4F 563 000 0 008 00000	35 - 47/48
♂ Gentlemen	009 4F 473 000 0 008 00000	35 - 47/48



009 4L 563 805 2 008 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



Microfibre natural


Rubber Pad

2,5 mm Full Length Cushion
Springogum 15 Shore A



Core System 28

- ✓ Last shape, low heel pitch
- ✓ Partially elastic bracing core up to under the pad
- ✓ Lining in micro-cork on full length
- ✓ Thermoplasticity at about 100°C

 Weight about 40 g

 Shoe Sizes 35 - 47/48

Variants



♀ Ladies

♂ Gentlemen

FORM	FULL LENGTH	SHOE SIZES
♀ Ladies	009 4L 563 805 2 008 00000	35 - 47/48
♂ Gentlemen	009 4F 473 805 2 008 00000	35 - 47/48



805 1M SBS 000 0 000 00000
999 1M SBS 219 0 000 00000

EXPRESSSTOCK



2,5 mm thin

Cork India Rubber
shelled Substructure


PE-Schaum loose
30 Shore A

4,5 mm thin

Substructure SBS 1

- ✓ Biodynamic last shape with medial and lateral support, half-shell, cuboid support
- ✓ Substructure + Preformed with loose upper part
- ✓ Rough Grain 40, Fine Grain 80



 Weight about 60 g

 Shoe Sizes 3 - 14

Variants



Biodynamic

Nanofibre
saffron

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
SBS Substructure	805 1M SBS 000 0 000 00000		3 - 14
SBS White Cover		999 1M SBS 219 0 000 00000	3 - 14

VERSIONS ON REQUEST:



Nanofibre saffron



805 1M SBS 000 0 000 00000
 999 1M SBS 203 0 000 00000

EXPRESSSTOCK



2,5 mm thin

Cork India Rubber
shelled Substructure

PE-Foam loose
20 Shore A

4,5 mm thin



Substructure SBS1

- ✓ Biodynamic last shape with medial and lateral support, half-shell, cuboid support
- ✓ Substructure + Preformed with loose upper part
- ✓ Rough Grain 40, Fine Grain 80



Weight about 60 g



Shoe Sizes 3 - 14

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
SBS Substructure	805 1M SBS 000 0 000 00000		3 - 14
SBS Black Cover		999 1M SBS 203 0 000 00000	3 - 14

VERSIONS ON REQUEST:



Nanofibre
orange



Biodynamic



Nanofibre
orange

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY

KIDS

Shell Insoles





Core Systems / Substructures KIDS Overview



130

- ✓ 15 mm One-Layer
- ✓ PE-Foam 40 Shore A
- ✓ Last shape Sensorimotor



223

- ✓ 10 mm Half-Insole
- ✓ PE-Foam 40 Shore A
- ✓ Last shape Kids



226

- ✓ 10 mm Half-Insole
- ✓ PE-Foam 40 Shore A
- ✓ Shelled last shape



50

- ✓ Stable Bracing Core
- ✓ Shelled last shape



51

- ✓ Stable Bracing Core
- ✓ Shelled last shape



5130

- ✓ Stable Bracing Core
- ✓ Last shape Sensorimotor with plantar hindfoot impulse points



5430

- ✓ Stable bracing core
- ✓ Last shape Sensorimotor with dorsal hindfoot impulse points





EV 4

- ✓ 8 mm pressed cork
- ✓ HK-Reinforcement
- ✓ Shelled last shape



Model KIDS Overview

picture	Article number	Versions	full length	1/2 insole	 Express stock	Core Systems/ Substructures	 Shoe sizes	Page
1	002 3L 37L 661 0 002 00000 002 3L 38L 661 0 002 00000	Narrow shell Medium wide shell	• •	• •	• •	51 51	19/20 - 41/42 19/20 - 47/48	96
2	002 3L 38L 217 0 003 00000	Medium wide shell	•		•	50	19/20 - 47/48	97
3	308 3F 01D 211 0 005 00000	Kid medium wide shell	•			223 HK	19/20 - 33/34	98
4	308 3F 66K 210 0 005 00000	Half-shell	•			226 HK	19/20 - 33/34 35 - 47/48* (* with Rubber Pad)	99
5	803 3F 66K 004 0 005 00000	Half-shell	•	•		EV 4	19/20 - 33/34	100
6	001 3L 30L 661 1 008 00000	Sensorimotor	•		•	5130	19/20 - 35/36	101
7	001 3L 30L 620 1 002 00000	Sensorimotor	•		•	5430	19/20 - 41/42	102
8	306 3L 30L 000 1 000 00000	Sensorimotor	•		•	130	19/20 - 35/36	103



1



2



3



4



5



6



7



8



002 3L 38L 661 0 002 00000

EXPRESSSTOCK



Microfibre Blue

Light Transverse Arch Support

3 mm Full Length Cushion PE 40 Shore A



Core System 51

- ✓ Shell and last shape with integrated supination support
- ✓ Stable bracing core, soft edges
- ✓ Lining in Carbotherm, half insole
- ✓ Thermoplasticity at about 100°C



Weight about 32 g



Shoe Sizes 19/20 - 47/48

Variants

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Narrow	002 3F 37H 661 0 002 00000	002 3L 37L 661 0 002 00000	19/20 - 41/42
Medium Wide	002 3F 38H 661 0 002 00000*	002 3L 38L 661 0 002 00000	19/20 - 47/48

* only available up to sizes 41/42



Medium Wide

Narrow



002 3L 38L 217 0 003 00000

EXPRESSSTOCK

CITY

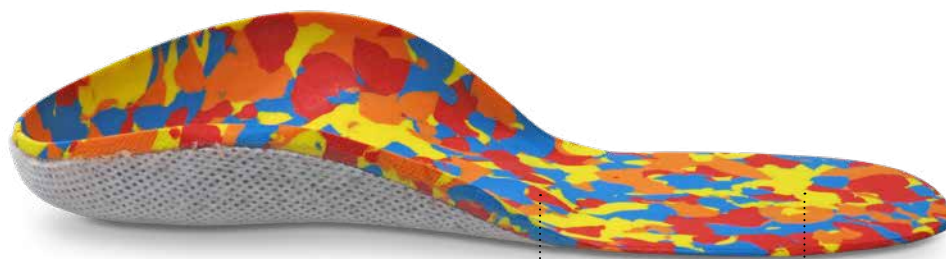
ACTIVE

BIO

KIDS

DIABETES

SAFETY



Light Transverse
Arch Support

2,5 mm Full Length Cushion
EVA 35 Shore A

Core System 50

- ✓ Shell and last shape with integrated supination support
- ✓ Stable bracing core, soft edges
- ✓ Reinforced fleece lining, half insole
- ✓ Thermoplasticity at about 100° C



Weight about 26 g



Shoe Sizes 19/20 - 47/48



Medium Wide



308 3F 01D 211 0 005 00000



Light Transverse Arch Support

4 mm Full Length Cushion, Perforated PE 30 Shore A

Substructure 223 HK

- ✓ Kids, last shape pillowing
- ✓ PE-Foam in 40 Shore A
- ✓ Substructure 10 mm + HK-Reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 16 g



Shoe Sizes 19/20 - 35/36



Versions (on request)



Cushion white unperforated 4 mm



Cushion blue unperforated 4 mm



Cushion blue unperforated 5 mm 40 Shore A



Cushion white perforated 4 mm



Cushion blue perforated 5 mm 40 Shore A



Kids



308 3F 66K 210 0 005 00000

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



Light Transverse Arch Support

4 mm Full Length Cushion PE 30 Shore A

Substructure 226 HK



- ✓ Half-shell
- ✓ PE-Foam in 40 Shore A
- ✓ Substructure 10 mm + HK-Reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 28 g



Shoe Sizes 19/20 - 33/34

35 - 47/48 with Rubber Pad

Versions (on request)



Cushion blue unperforated 4 mm



Cushion blue perforated 4 mm



Cushion white perforated 4 mm





803 3F 66K 004 0 005 00000



Without
Pad Pressure

2.2 mm Solid, Fulled
Blank Leather

Substructure EV4

- ✓ Half-shell
- ✓ Substructure 8 mm pressed cork + HK-Reinforcement
- ✓ Rough Grain 40, Fine Grain 80



Weight about 40 g



Shoe Sizes 19/20 - 33/34

Variants

VERSIONS ON REQUEST:

FORM	½ INSOLE	FULL LENGTH	SHOE SIZES
Half-shell	803 3F 56K 004 0 005 00000	803 3F 66K 004 0 005 00000	19/20 - 33/34



Full length



½ insole



IMPULSE

001 3L 30L 661 1 008 0000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



Microfibre
blue

2 mm Full Length
Cushion
PE 40 Shore A

Retrocapital
Support

Thong

4mm thin

Core System 5130

- ✓ Last shape with plantar sensorimotor impulse points, stable shell and thong
- ✓ Partially elastic bracing core
- ✓ Full Length Carbotherm Lining
- ✓ Thermoplasticity at about 100°C



Weight about 34 g



Shoe Sizes 19/20 - 35/36



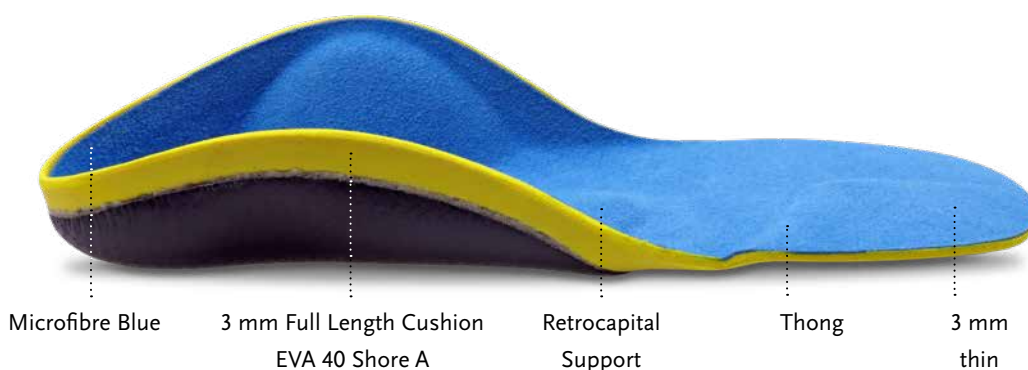
Sensorimotor



IMPULSE

001 3L 30L 620 1 002 00000

EXPRESSSTOCK



Core System 5430

- ✓ Last shape with dorsal sensorimotor impulse points, stable shell and thong
- ✓ Partially elastic bracing core, soft edges
- ✓ Half insole Carbotherm lining
- ✓ Thermoplasticity at about 100°C



Weight about 32 g



Shoe Sizes 19/20 - 41/42



Sensorimotor



IMPULSE

306 3L 30L 000 1 000 00000

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



15 mm PE-Foam
40 Shore A

Retrocapital
Support

Thong

8 mm

Substructure 130

- ✓ Last shape with plantar sensorimotor impulse points, shell and thong
- ✓ One-layer 15 mm, pillowing
- ✓ Rough Grain 40, Fine Grain 80



Weight about 28 g



Shoe Sizes 19/20 - 35/36



Sensorimotor

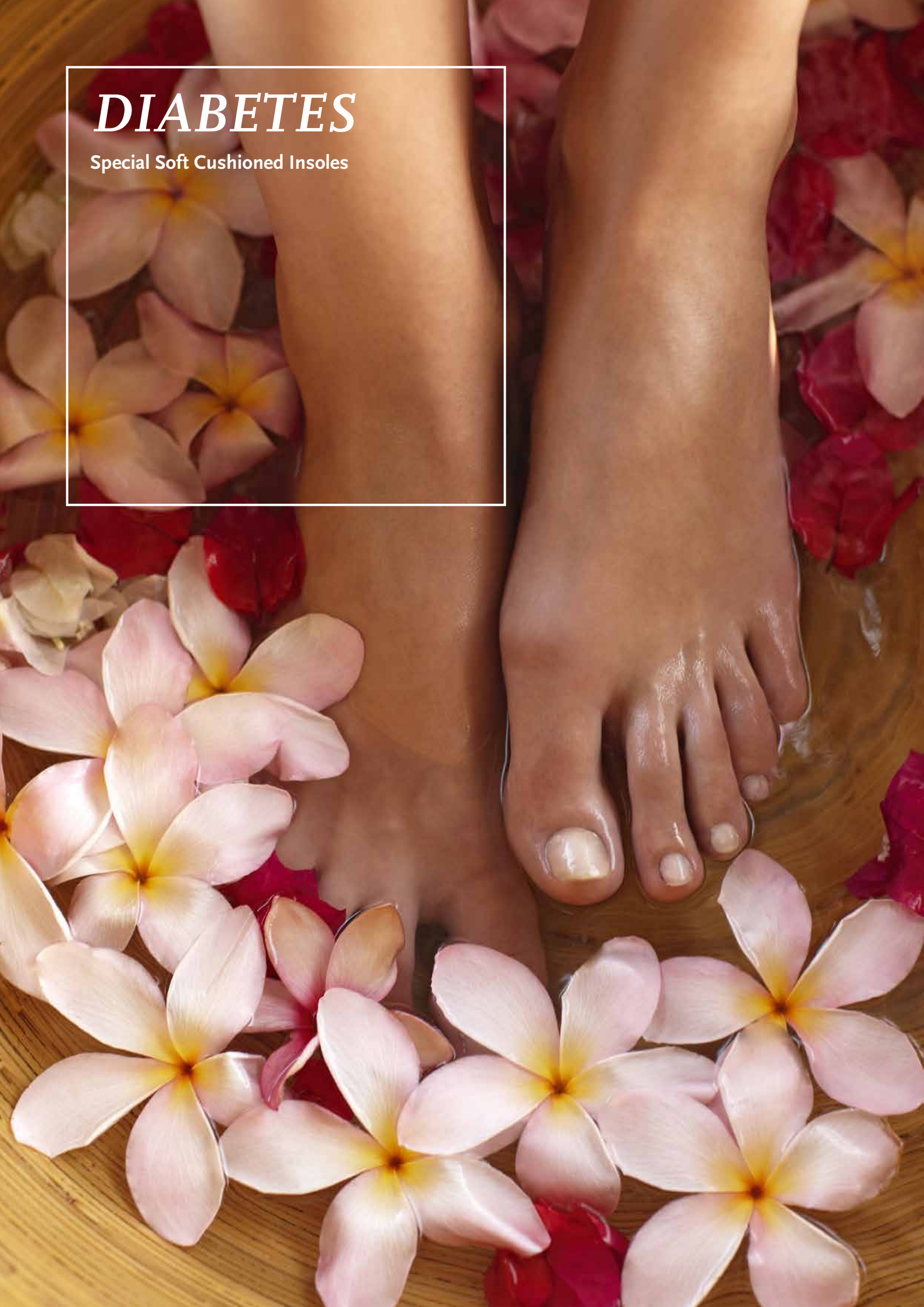
Versions (on request)



Microfibre /
Nanofibre
Free Choice of Colours



DIABETES

Special Soft Cushioned Insoles





Model SENSITIV Overview

picture	Article Number	Versions	 Express stock	Substructures	 Shoe Sizes	Page
1	313 6L 414 641 0 000 00000	Diaped	•	414	35 - 48	106
	313 6F BRT 641 2 000 00000	Wide		414	35 - 47/48	
	313 6F FIN 641 2 000 00000	FINN		414	35 - 48	
2	313 6F 414 201 0 000 00000	Diaped		414	35 - 48	107
	313 6F BRT 201 2 000 00000	Wide		414	35 - 47/48	
	313 6F FIN 201 2 000 00000	FINN		414	35 - 48	



1



2



Substructure 414



Substructure 414

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



313 6L 414 641 0 000 00000

EXPRESSSTOCK



3 mm Springolonplus
10 Shore A

Without
Pad

4 mm Plastazote
20 Shore A



Substructure 414

- ✓ FINN-Last shape with moderate longitudinal arch support and flat heel cup
- ✓ EVA-Foam in 52 Shore A
- ✓ Substructure 10 mm
- ✓ Rough Grain 40, Fine Grain 80



Weight about 52 g



Shoe Sizes 35 - 48

Variants

FORM	FULL LENGTH	SHOE SIZES
Diaped	313 6L 414 641 0 000 00000	35 - 48
Wide	313 6F BRT 641 2 000 00000	35 - 47/48
FINN	313 6F FIN 641 2 000 00000	35 - 48

VERSIONS ON REQUEST:



Front Open,
Without Pad



3 mm Springolon blue
15 Shore A +
4 mm Plastazote 20 Shore A



Rubber Pad
glued



Diaped

Diaped with
Rubber Pad



HK-Reinforcement



313 6F 414 201 0 000 00000



3 mm EVA-Foam pillowing
18 Shore A, antibacterial

Vulcanised
EVA-layers

4 mm EVA-Foam
elastic 22 Shore A



Substructure 414

- ✓ FINN-Last shape with moderate longitudinal arch support and flat heel cup
- ✓ EVA-Foam in 52 Shore A
- ✓ Substructure 10 mm
- ✓ Rough Grain 40, Fine Grain 80



Weight about 52 g



Shoe Sizes 35 - 48

Variants

FORM	FULL LENGTH	GRÖSSEN
Diaped	313 6F 414 201 0 000 00000	35 - 48
Wide	313 6F BRT 201 2 000 00000	35 - 47/48
FINN	313 6F FIN 201 2 000 00000	35 - 48

VERSIONS ON REQUEST:



Front Open,
Without Pad



Rubber Pad
Glued



HK-Reinforcement



Diaped

SAFETY





Model SAFETY Overview

picture	Article Number	Versions	Substructures	Express stock	Shoe Sizes	Page
1	316 5L 153 109 1 001 00000 317 5L 153 109 1 001 00000 316 5F 154 109 1 001 00000 317 5F 154 109 1 001 00000	153 FINN static (15 mm) 153 FINN static (20 mm) 154 FINN static (15 mm) 154 FINN static (20 mm)	153 153 154 154	• •	35 - 44 45 - 48 35 - 44 45 - 48	110
2	335 5F W11 109 1 001 00000 336 5F W12 109 1 001 00000	ESD 1-1 ESD 1-2 (15 mm)	Everyday life Everyday life		35 - 50 35 - 50	111
3	337 5F W13 109 1 001 00000	ESD 1-3	Diabetes		35 - 50	112
4	S-Shoe S2	Ortho.Special Shoe		•	37 - 48	113



1



2



3



4





316 5L 153 109 1 001 00000

EXPRESSSTOCK



15 mm EVA-Foam
35 Shore A



Pad Pressure



Substructure 153/154

- ✓ FINN-Last shape with moderate arch support and flat heel cup
- ✓ One-layer 15 mm, type approved according to DGUV 112-191
- ✓ Rough Grain 40, Fine Grain 80



Weight ca. 40 g



Shoe Sizes 35 - 48

Variants

FORM	FULL LENGTH	SHOE SIZES
153 FINN static 15 mm	316 5L 153 109 1 001 00000	35 - 44
153 FINN static 20 mm	317 5L 153 109 1 001 00000	45 - 48
154 FINN static 15 mm	316 5F 154 109 1 001 00000	35 - 44
154 FINN static 20 mm	317 5F 154 109 1 001 00000	45 - 48

Substructure 154 is the correct form for our orthopaedic special shoe.



FINN

Cover Statex
loose

Practical Examples



Heel Spurs



Metatarsalgia

SHOE MANUFACTURERS



SPRINGER



335 5F W11 109 1 001 00000



6 mm

EVA-Foam
40 Shore A



Pad Pressure



Substructure „Everyday life“

- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edges
- ✓ One-layer milled, type approved according to DGUV 112-191
- ✓ Rough Grain 40, Fine Grain 80



Weight ca. 32 g



Shoe Sizes 35 - 50

Version (on request)



15 mm thick for shortening compensation



FINN

Cover Statex
loose

SHOE MANUFACTURERS



SPRINGER



337 5F W13 109 1 001 00000



15 mm

EVA-Foam
35 Shore A



Pad Pressure

EVA-Foam
35 Shore A



Substructure „Diabetes“

- ✓ Universal last shape with pillowing longitudinal arch support, heel cup and slightly raised edges
- ✓ Two-layer milled, type approved according to DGUV 112-191
- ✓ Rough Grain 40, Fine Grain 80



Weight ca. 36 g



Shoe Sizes 35 - 50

MODEL PACKAGE

- ✓ Prefabricated Insole
- ✓ Cover Microfibre anthracite
- ✓ Antistatic SPRINGER PF Glue
- ✓ Instructions for use

SHOE MANUFACTURERS



SPRINGER



Cover Statex
loose

FINN



S-Shoe S2

EXPRESSSTOCK

CITY

ACTIVE

BIO

KIDS

DIABETES

SAFETY



Elongated Padded Heel Cap

Extremely Wide Shaft Hole

S2 Shoe



Seam-Free Interior Finish in the Forefoot

Device with 20 mm Peak Deviation

Steel Cap

S3 in Testing



Shoe Sizes 35 - 48



LARGE FOREFOOT VOLUME
ALSO FOR XXL

Removable place holder

APPLICATIONS

- ✓ Foot and toe malformations of all kinds
- ✓ Voluminous Foot Proportion
- ✓ Diabetes & Rheumatism
- ✓ PROPRIO®-insole supply possible
- ✓ Suitable for allergy sufferers

*WORTH
KNOWING*





WORTH KNOWING

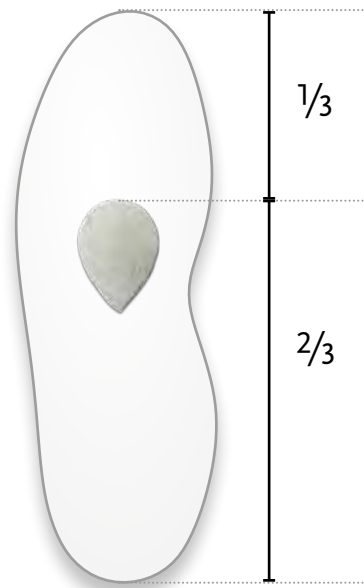
The pad (pelotte)

THE SUBJECT OF DISPUTE IN THE FIELD OF INSOLE MANUFACTURE.

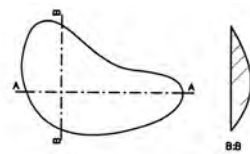
The root word comes from the French "la pelote" and translates as "the ball", a hemispherical cushion. In orthopaedics, the pad was probably introduced for the first time in the production of trusses by bandagists.

Particular attention is always to be paid to the position of the pad. Mounted too far distally, it increases the pain. Located too far proximally, it has no effect.

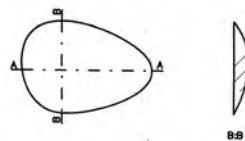
SPRINGER, in terms of insoles, sticks to the meta-measure of the heel $\frac{2}{3}$ to $\frac{1}{3}$.



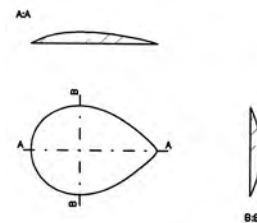
OVERVIEW OF DIFFERENT PAD TYPES



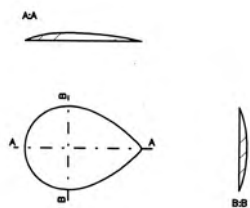
Kidney Shape



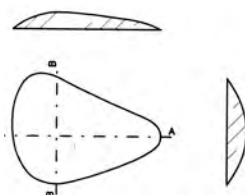
Stomach shape



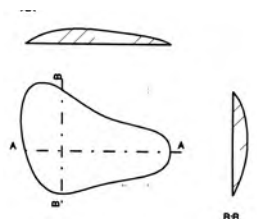
Drop shape



Drop shape flat



Anatomical



Retrocapital



WORTH KNOWING

Milestones

DEVELOPMENT OF THE INSOLE



1903

Heinrich A. Berkemann presented the first mass-produced insole in Hamburg: With a leather sole, a hinge spring had been riveted on the inside of a welded side support.



1911

Hermann Springer advertised his first ready-made foot support with the slogan "Wear The Right One" beneath the logo of someone skipping that is still in use today. SPRINGER is now Germany's oldest manufacturer of insoles.



1930s

An increasing number of prefabricated insoles are produced, sold to the orthopaedic craftsmanship trade for further processing. A new process for manufacturing blank cork insoles emerges. The cork was crushed and pressed with a binder and by heat. Back then, the cover was already made of fulled blank leather.



Historical Original Models:

- ◀ Metal springs as core material
- ▼ Leather insoles with multi-layered, glued wood core
- ▶ Leather pockets with metal springs





WORTH KNOWING



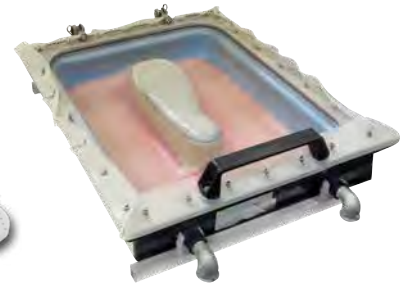
1950s

The material Plexidur has made its way into podiatry. This lightweight thermoplastic resin sheet material can be optimally processed and will soon become indispensable. Röhm started production of the material in the early 90s.



1970s / 1980s

The findings of biomechanics have greatly influenced insole production. Polyethylene foam is moulded with heat and the soft cushion insole conquered the market. The multiform made by FW Kraemer becomes synonymous with this category of insoles. Amidst great protest, SPRINGER coined the term "Sports Insole". Besides PE and EVA foams, polyurethanes also find their uses.



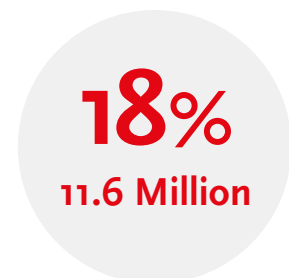
1990s

A new manufacturing technology attracts the curiosity of the orthopaedic craftsmanship trade - CNC milling. First, the foot is measured with computer support by a scanner or by podography, then the result is analysed, and the insole is then produced individually.



2000

SPRINGER shows and explains the principle of proprioception and sensorimotor function in insole manufacture at the Leipzig Orthopaedic World Congress. The therapeutic success of PROPRIO® insoles is ground-breaking and today it is indispensable in the field of special insoles.



Today

The insole is the most widely used foot-support device in Germany. 11.6 million people in Germany put insoles in their shoes. This corresponds to about 18% of the population.

(Study Allensbach 2014 Eurocom e.V.)



WORTH KNOWING



Orthopaedics

A FRENCH INVENTION

The designation of orthopaedics was introduced in 1741 by Nicolas Andry de Boisregard, a paediatrician in Paris. The word is derived from two Greek words together, namely ὀρθός, (up)right 'and παιδεία, 'formation', 'development', therefore it means something like "the (teaching) of the right development".

In his book, "*L'orthopédie ou l'art de prévenir et de corriger dans les enfants, les difformités du corps*" what Andry had in mind was primarily the prevention of late sequelae following postural damage in children and recommended the use of splints to correct curvatures of the spine and legs.

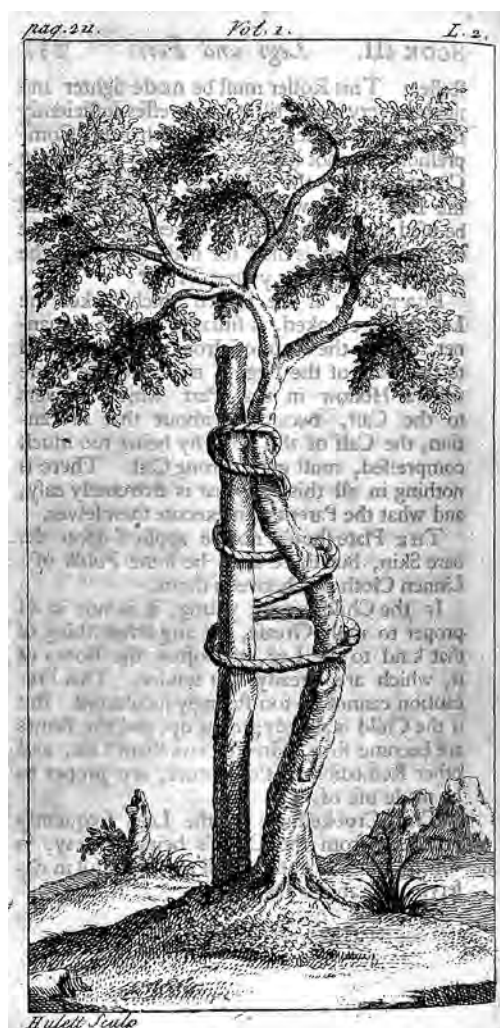
This proposal was revolutionary, because until then "being crippled" was considered as God-given and could hardly be influenced. Andry likened the task of the orthopaedic surgeons to that of a gardener who attaches an overgrown tree to a stake for reinforcement.

The symbol of orthopaedics, as it was used in 1741 for the first time, is a small tree, whose trunk has not grown quite straight and has been tied to a post for careful guidance of its growth. Ever since then all orthopaedic companies worldwide have chosen this symbol as their emblem.

(Source: Wikipedia)



Nicolas Andry de Boisregard
(1658 - 1742)



Engraving after Andry with the symbol of orthopaedics: a small tree corrected in its growth



Step by Step

THE BIRTH OF MODERN SHOE *by Nike Breyer*



Georg Hermann von Meyer (1815 - 1892), Professor of Anatomy at the University of Zurich

What we cannot even imagine today was two hundred years ago customary at court and in the urban middle class: people used to wear symmetrically crafted shoes that the shoemaker placed on one last - hence the word still in use today. The shoes corresponded to the former ideal of beauty. They also had the "advantage" that they could be worn on both feet - with all the painful consequences.

The symmetrical shape had become common around 1500 when the "cow-mouth shoe" replaced the paired Gothic shoes. In 1590, when the heel found its way into fashion footwear, shoemakers remained with their symmetrical lasts. The body's weight now rested on the forefoot and pushed the toes into the tip of the shoe. Whilst this did lend the body an imposing posture, it nevertheless caused the feet some anguish such as corns, calluses and crooked toes.

The small pamphlet "The Correct Form of Footwear", published in 1858, sparked heated discussions and finally brought a profound change. Its author was Georg Hermann von Meyer, Professor of Anatomy at the Swiss Federal University of Zurich. The physician, who came from Frankfurt, also emphasised firmly that the shape of the shoe and thus the shape of the left and right last, should depend on the shape of the foot.

Only a few years after its first appearance in Zurich, von Meyer's paper was translated into all European languages and was just as eagerly studied by the military authorities of the states. In 1872, Swiss ambulance and field physicians suggested making their recruits test wearing the new "rational" boots. The "General Exhibition or Footwear" in Bern in 1876 with 326 exhibitors from 11 countries made the subject known in Europe and impressed doctors, shoemakers, last manufacturers and interested laymen. The idea of shoe reform was now in the world and began to gain momentum.

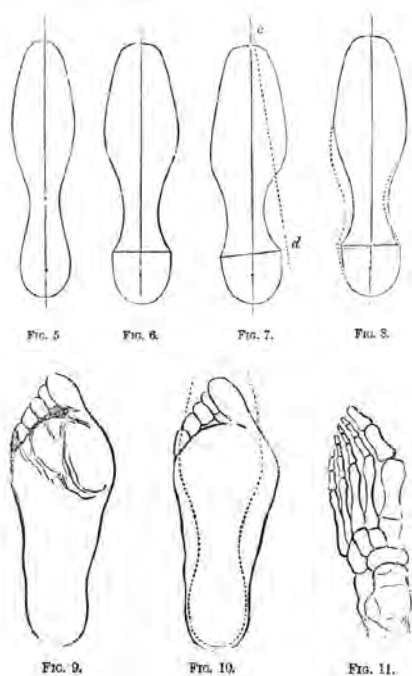


Illustration from the book "The Correct Form of Footwear", Zurich 1858 by Georg Hermann von Meyer



WORTH KNOWING

Shoe Sizes

WHY SO MANY DIFFERENCES?

by Nadja Buoyardane, German Shoe Institute

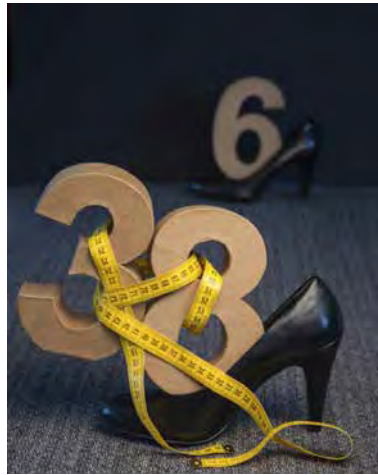
Why are there so many different designations for shoe sizes?

Everybody knows it: shoe sizes are specified differently. Sometimes there is 40 on the shoe, sometimes 6½. How come?

In the international shoe industry various shoe length measuring systems are used. The German shoe sizes are based on the French measurement of length. The length of a “Paris Point” was set in France in 1800. Since a difference of one centimetre between two shoe lengths was too much, and ½ cm too small given all the shoe lasts that would have then been necessary, in those days two centimetres were divided by 3 in order to establish the size. The result was 0.66 centimetres; to this day this is the length difference for shoes in Germany.

By contrast, the English shoe sizes are based on the inch (2.5 centimetres). Since an inch was much too great a leap between two shoe sizes, it was divided by three and the result was: 0.846 centimetres. Since this is still a very big difference, there are many shoes manufactured according to the English system that also have a half size. The smallest English shoe size begins with 0, which corresponds to a length of four inches (10.16 centimetres). There are 13 children's sizes, and then adult sizes begin again at 1.

The American shoe size system essentially corresponds to the English. With the difference that the smallest children's size with the Americans is 3.916



inches (9.94 cm) in length, the adult sizes for ladies begin at 1½ and for men one number earlier.

So why are shoe sizes simply not given in centimetres?

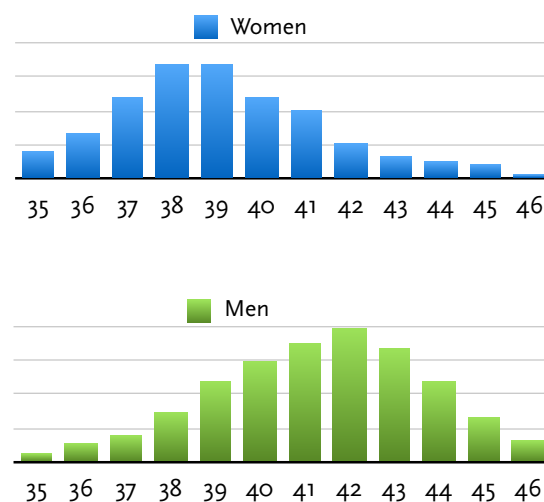
The system of sizes in shoes has historical roots. It would have been necessary to create artificially from scratch a unified system using metrical measurements. The Mondopoint system (world point system) is such an attempt. The gradations between the individual sizes are exactly 10 millimetres for full sizes, for half sizes it is 5 mm. The differences from width to width are three millimetres. In total there are 15 shoe sizes and 3 widths. However, up until now the Mondopoint system has, in Germany, only been implemented in the army and for work shoes. Within the NATO states, military shoes are made according to that system.



WORTH KNOWING

Germany	Great Britain	USA m ♀ / f ♂		Centimetres (Foot Length)
Children's Sizes				
18	2	2,5		11
19	3	3,5		11,6
20	4	4,5		12,3
21	4,5	5		13
22	5,5	6		13,7
23	6	6,5		14,3
24	7	7,5		14,9
25	7,5	8		15,5
26	8,5	9		16,2
27	9	9,5		16,8
28	10	10,5		17,4
29	11	11,5		18,1
30	12	12,5		18,7
31	12,5	13		19,4
32	13	13,5		20,1
33	13,5	1		20,7
34	1	2		21,4
Adult Sizes		m ♀	f ♂	
35	2½	3	4½	21,8
35½	3	3	4½	22,2
36	3½	3½	5	22,5
36½	36½	4	5½	22,8
37	4	4½	6	23,2
37½	4½	5	6½	23,5
38	5	5	6½	23,8
38½	5½	5½	7	24,2
39	5½	6	7½	24,5
39½	6	6½	8	24,8
40	6½	6½	8	25,2
40½	7	7	8½	25,5
41	7½	7½	9	25,8
41½	7½	8	9½	26,2
42	8	8½	10	26,5
42½	8½	8½	10	26,8
43	9	9	10½	27,2
43½	9½	9½	11	27,5
44	9½	10	11½	27,8
44½	10	10½	12	28,2
45	10½	10½	12	28,5
45½	11	11	12½	28,8
46	11	11½	13	29,2

WHAT IS THE AVERAGE SHOE SIZE OF THE GERMANS?



The assignments of shoe sizes are only approximate in some cases. The different jumps in shoe sizes of different systems cannot be compared with one another with millimetre precision.

Source: German Shoe Institute, Offenbach

Manufacturer's Tips





MANUFACTURER'S TIP

Ladies Insoles Model 1262-00

In our tip **Frank Ziegler**, Head of **Ziegler Orthopaedic Shoe Technology** from **Heilbronn**, shows how to reach your objective quickly with the Model 1262-00.

In which cases do you use the Model 1262-00?

I use the model in both footwear with light and high heel pitch because the core is flexible and adapts wonderfully. It is particularly suitable where there is no removable sole in the shoe. Since the insole is superthin, it can either be supplied and covered only with pad, or – if space permits – can be equipped additionally with a forefoot padding.



Frank Ziegler, Ziegler Orthopaedic Shoe Technology
www.schuhhaus-ziegler.de

PROCESSING VIA BLUEPRINT OF FOOT

1. Take footprint and order insole

Important: order pad 1 stitch longer if the shoe is worn larger. Cutting is easier than installing.
(see Fig. 1)

2. Place pad and cushion if necessary

Mark, take over, glue and grind pad. If ball cushion required, likewise. (Fig. 2)

3. Reshaping

The insole consists of thermoplastically deformable material. Reshaping is easy with a hair dryer, for example. Lowering on base 5 or higher longitudinal arch in the event of pes cavus.
Warning: take care with the hair dryer. When the lining retracts, it is very hot. You can easily burn your fingers on the material.

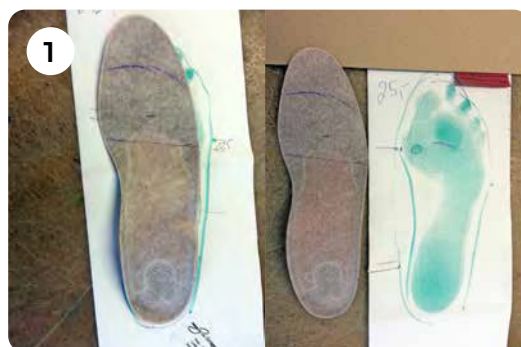
4. Search for suitable cover

As a cover I like to use a fancy leather or similar absorbent material. I make sure that top and shoe fit together as much as possible.

SUITABLE SHOE TYPES:



Ballerinas, Pumps & Ankle Boots



CONCLUSION

The Model 1262-00 offers the following benefits:

- It saves time in contrast to doing it yourself (Cut insole, glue joint wedge, sand etc.).
→ **6 pairs / hour** are possible.
- 1262-00 is a blank, yet individual
- I can make the insole so that it fits in any shoe even an elegant one.
- I can supply where others give up because of excessively tight shoes.



MANUFACTURER'S TIP

CITY Insoles - Core Systems 11 | 12 | 17 | 22 | 23 | 24 | 27 | 28 | MR

For the correct insertion of CITY Insoles from SPRINGER please note the following instructions:

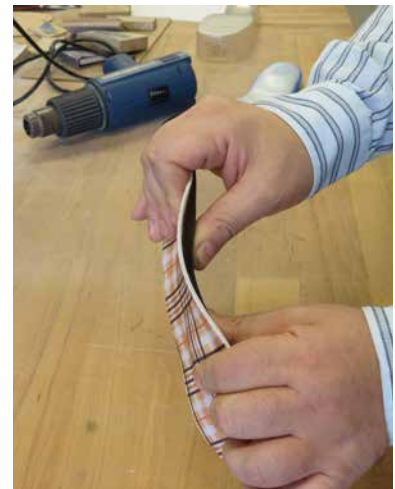


1 - Selective Heat

You can heat the CITY blanks selectively with a heat gun at a temperature of 100 - 200°C.

Depending on requirements, you can vary the deformation with temperature and also of the heated surface.

Warning: Danger of burns - heated surface can become very hot.



2 - Manual Forming

Deform the blank now as required. Of course the more the material cools, the less deforming is possible. Then reheat if required.



3 - Grinding

Then grind insoles as usual.



MANUFACTURER'S TIP

Carbon Insoles - Core System 13

For the correct processing of the carbon insoles from SPRINGER please note the following instructions:



1 - Heating of the Blank
Place the carbon blank in a forced air oven at 120°C for 10 min.



2 - Blank after Heating
The heated blank is now flat and can be deformed again in the heated state.



3 - Deforming in the Last Press
Place the blank on the appropriate last of your choice.



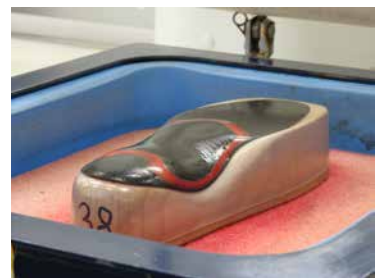
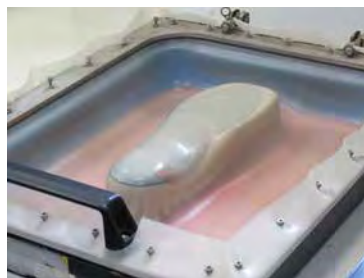
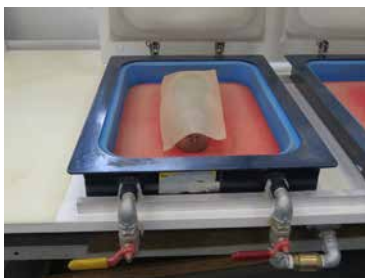
4 - Pressure when Pressing
The optimum pressure for the deformation of the blank is 3 bar.



5 - Place the Silicone Film
Cover the heated blank with a silicone film, so it does not stick on the machine.



6 - Cool
After 15 min of cooling, the blank has assumed the shape of the last. Now remove the silicone sheets.



▲ 7 - Thermoforming with vacuum
This variant of the moulding is also possible. Again, cover the blank with a silicone film, so that it does not stick. The same heating and cooling times, as mentioned above, must be observed.

◀ 8 - Grinding
After shaping, the blank may be grinded as required.



MANUFACTURER'S TIP

Carbon Insoles - Cycling Shoe

How do I make a good cycling insole?

» STEP 1



The insole blank is applied to the **cycling shoe** and **edges or outside** area are **flattened** with a sander.

The **pad** is pressure calibrated using the foot print (see line in ball area).

» STEP 2



Now the pad is glued and **sanded back to zero**. In general, the **pad is kept flat** with cycling shoe insoles.

» STEP 3



FRONT

With **strong pressure pain** in the forefoot, the material can also be grinded more in the front and filled up the pressure area with a **soft material** and adapted.



BACK

If there is pain at the base of the fifth toe, the insole can be **heated and customised** or can be grinded down from the bottom and padded with **soft material**.



MANUFACTURER'S TIP

Special features of Cycling Shoes in terms of last, heel cap and closure system

» A SHOE THAT FITS

There are cycling shoes, depending on the manufacturer, with narrow and wide last shapes. Here the cyclist selects his shoes appropriately.

With the length it is to be noted that, similar with a running shoe, 0,5 cm - 1 cm are added in length, measured from the longest toe. This is because the foot swells in the cycling shoe at least as severely as in a running shoe.

» SHOE MODELS

With regard to the heel cap, there are two different shoe models, each with different design.

Triathlon Shoes

Triathlon shoes have slightly more heel cap reinforcement which in addition is very soft.



The manufacturers argue here that it is easier to change shoes rapidly. The disadvantage is that the foot in the shoe has less grip. However, this can be improved by the cycling shoe insole. The shell shape of the insole gives the foot the lateral support that it needs.

Road and Mountain Bike Shoes

In road and mountain bike shoes, the heel cap is narrower and tighter. Here the shoes offer better, but not always optimal grip. With these shoes, the foot can be additionally stabilised by the cycling shoe insole.



» CLOSURE SYSTEMS

The closure systems consist of Velcro, ratchet or screw caps.

Velcro Closure

The Velcro is applied in 1 or 2 versions in Triathlon shoes to ensure a quick change of shoes. There is also the disadvantage that the foot has less grip.

Ratchet and screw caps (Combinations)

For the other shoes there are different combinations depending on the manufacturer. The top closure in each case must be most robust and is therefore usually a ratchet or rotary closure. These closure systems will give the foot a slightly better grip.



» GENERAL

In cycling shoes, the sole is very hard. Firstly, in order to stabilize the foot and, secondly, in order to transmit the force in the clipless pedal system, which is bolted to the shoe. The foot, however, is thus neglected in the shoe and hardly guided or not guided at all. However, in the cycling shoe, the longitudinal arch also sinks, the knee is often exerted asymmetrically or the splayfoot hurts due to the increased pressure in the forefoot. Cycling shoe insoles are then very beneficial here.



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