



INNOVATIONSPREIS
ERGONOMIE 2019



Fußgerechte Sicherheit



Simply better walking.

Safety shoes with BAAK[®] go&relax system



robust against contact heat

Brook



data sheet



Article No.	6340
Form	Safety shoe, low cut
Designation	EN ISO 20345:2012 S3 HRO SRC
Toe protection	Steel Baak flex cap
Anti-Penetration	Steel
Upper	Robust, breathable smooth cow leather, black, leather tongue
Lining	Climate regulating textile lining, abrasion resistant microfiber heel lining
Insock	PU Softstep insock
Sole	PU/nitrile with Baak flex zone, short-time heat-resistant up to 300°C (HRO)
Sizes / Width	38 – 50 / 11
Orthopedic insocks	Possible



twist prevention due to Heel-Safety-System

leather from sustainable production LWG*

seamless at the sides

leather tongue



robust against flying sparks

Brooklyn



data sheet



Article No.	6640
Form	Safety ankle boot
Designation	EN ISO 20345:2012 S3 HRO SRC
Toe protection	Steel Baak flex cap
Anti-Penetration	Steel
Upper	Robust, breathable smooth cow leather, black, leather tongue
Lining	Climate regulating textile lining, abrasion resistant microfiber heel lining
Insock	PU Softstep insock
Sole	PU/nitrile with Baak flex zone, short-time heat-resistant up to 300°C (HRO)
Sizes / Width	38 – 50 / 11
Orthopedic insocks	Possible



twist prevention due to Heel-Safety-System

leather from sustainable production LWG*

seamless at the sides

leather tongue

*(LWG) Leather Working Group = sustainable, eco-friendly leather production

Bailey



data sheet



robust against wetness

Article No.	6645
Form	Safety ankle boot
Designation	EN ISO 20345:2012 S3 HRO SRC WR
Toe protection	Steel Baak flex cap
Anti-Penetration	Textile anti-penetration insole board
Upper	Robust, breathable smooth cow leather, black, leather tongue
Lining	BAAK®dry – waterproof, breathable membrane, abrasion resistant microfiber heel lining
Insock	PU Softstep insock
Sole	PU/nitrile with Baak flex zone, short-time heat-resistant up to 300°C (HRO)
Sizes / Width	38 –48 / 11
Orthopedic insocks	Possible



twist prevention due to Heel-Safety-System

leather from sustainable production LWG*

waterproof due to Baak®dry membrane

leather tongue

Bailey with BAAK®dry



100 % waterproof

100% breathable

100 % windproof



locking possible with one hand



Braxton



data sheet



Article No.	6642
Form	Safety ankle boot
Designation	EN ISO 20345:2012 S3 HRO SRC
Toe protection	Steel Baak flex cap
Anti-Penetration	Textile anti-penetration insole board
Upper	Robust, breathable smooth cow leather, black, leather tongue, Boa® Fit System
Lining	Climate regulating textile lining, abrasion resistant microfiber heel lining
Insock	PU Softstep insock
Sole	PU/nitrile with Baak flex zone, short-time heat-resistant up to 300°C (HRO)
Sizes / Width	38 - 48 / 11
Orthopedic insocks	Possible



twist prevention due to Heel-Safety-System

leather from sustainable production LWG*

seamless at the sides

Boa® Fit System



Boa® production clip



very robust
Boa® Fit System M4



*(LWG) Leather Working Group = sustainable, eco-friendly leather production

Advantages of the Boa® Fit System

The Boa® locking system improves the function and fit of your Baak safety shoe. So you are perfectly equipped for every challenge.

PERFECT FIT – Individual comfort without pressure marks thanks to customized cable guides, which enable an equal pressure distribution.

FINE-TUNING – 1 CLICK = 1 MM – With one hand you can adjust the Boa® locking system easily and with millimeter precision.

QUICK– The Boa® locking system enables you to put on and take off the shoe quickly and easily.

SAFE – Once adjusted, the fit will not change.

DURABLE – Boa® cables resist the highest stress.

THE PARTS OF THE SYSTEM

Boa® TURN-LOCK – The Boa® turn-lock is the core of the system. Click by click it enables a simple and precise adjustment – with millimeter precision.

Boa® CABLE GUIDES – Customized cable guides with minimal friction harmonize perfectly with the cable and ensure an ideal pressure distribution.

Boa® CABLE – Selected specifically for its particular fields of application and tested in laboratory and practice, the Boa® cable survives every shoe and boot.



Press for locking



Turn for tightening



Pull for opening



The BAAK go&relax system

The revolution of the safety shoe



Natural and functional foot load

Our innovative system was developed, above all, for persons who wear safety shoes for several hours a day. For this customer group, a natural and functional foot load is especially important – A less tiring way of walking all over the whole working day.

In common safety shoes, the feet are bent in an unnatural way with every step, due to straight toe protection caps. Additionally, stiff outsoles limit the movement of the basic toe joints. The two small outer toes are not integrated into the rolling movement. An improper load on the foot muscles, sinews and ligaments is possible – and serious consequences for the foot dynamics and body statics, too.



“A natural and functional movement of the foot in the shoe contributes to maintaining the health of the foot, the muscles and the joints. That relieves pressure on the entire musculoskeletal system!”

Prof. Dr. Gert-Peter Brüggemann

1. Asymmetrical toe cap
The BAAK® flex cap ensures that the basic toe joints are bent in a functional way – and thus also ensures a more "relaxed" way of walking.

2. Biomechanically optimized flex zone
The BAAK® flex zone in the outsole is optimally suited to the foot and allows all basic toe joints to bend in a natural and functional way.

3. Biomechanical H-coupling element
The BAAK® H-coupling element, integrated into the outsole, connects the forefoot and hindfoot elastically, supports the bending of the toes in a way suited to their position and ensures stability together with control.

Three elaborate features
Thanks to those three functional elements, the BAAK® go&relax system for safety shoes involves all five toes in the rolling movement. So while walking, the load is distributed optimally over all muscles and joints involved. BAAK® go&relax consists of a unique combination of components for a natural bending – thus ensuring healthy feet that relieve pressure on the entire musculoskeletal system.

Healthy feet
Healthy feet relieve pressure on the entire musculoskeletal system.

Foot fitting instead of straight vs **Conventional protection cap**

Flex zone in the ball area of the outsole vs **Natural bending line**

Always stay fit

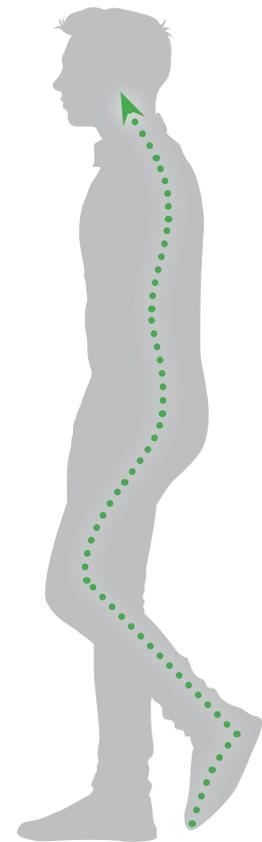
The patented Baak® go&relax system distributes the load optimally over all muscles and joints involved – with every step. The feet, muscles and joints stay fit. That relieves pressure on the entire musculoskeletal system. Unequal load distributions are prevented successfully. Walking is really comfortable. A shoe should always allow the foot to do what it wants to do naturally. Therefore, for people who wear safety shoes for many hours a day, a natural and functional foot load distribution is of particular importance. Safty shoes with the patented Baak® go&relax system are a recommendable addition to the company health management.



BAAK® go&relax can:*

- reduce the risk of knee athrosis
- improve the position of the trunk
- influence the back musculature and possibly contributes to pain reduction

*due to „bottom up“ strategy
study available on www.baak.de (German version)



Healthy feet release the whole musculoskeletal system



Incorrect loading and its results

Due to the unnatural form of common toe protection caps, the feet bend in an unnatural way in the section of the basic toe joints, with every step. In addition, most of the existing outsoles are stiff like a plaster cast. This limits the movement of the basic toe joints.

The load during walking is not distributed optimally. The musculature, sinews and ligaments of the feet are more or less deactivated. The muscles of the feet are weakened when they were not used. The consequences are negative for the dynamics of the foot and the whole body statics.

For the robust construction sector

Strong requirements and still foot fitting

Relieve your musculoskeletal system with the unique patented Baak® go&relax system. Avoid pressure marks and foot pain. Here you always find your adequate shoe, even up to size 50.

*A
recommendable
addition to
company health
management*

Quality leather tongue
protects against flying sparks

Boa® Fit System
for a comfortable
opening and closing

Flex zone
enables an optimal bending with a
natural and functional movement of
the foot

**Robust cleated nitrile
outsole**
heat resistant up to
300°C

Heel-Safety-System
in order to ensure an effective
heel stabilisation, maximum
foot control due to an optimal
support in all movement phases,
minimization of accidents of
twisting ankles

High quality leather
Sustainable produced leather for
highest challenges

Flex cap steel
Toe protection due to a very robust
steel Baak flex cap, which supports an
optimal foot bending

Your Baak partner nearby