

## JALAS® 1848K TITAN+

EN ISO 20345:2011, S3 SRC CI HRO

### PROPERTIES

Highest level of protection, excellent grip, perfect fit, extra comfortable, excellent shock absorption

### SPECIFICATION

TYPE OF SHOE Safety footwear, boots/Ankle boots

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

FITTING Wide

SIZE RANGE (EU) 35-50

COLLECTION Gran Premio

PLATFORM Enduro

UPPER MATERIAL PU-coated leather

UPPER MATERIAL THICKNESS 1,6-1,8

PRONOSE MATERIAL PU

TOECAP MATERIAL Aluminium

LINING MATERIAL Cambrelle®, polyester, Thinsulate™

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

FASTENING Velcro®

COLOUR Black



SIZE	ART. NO.	EAN NO.	SIZE	ART. NO.	EAN NO.
36	1848K-36	6408487502330	48	1848K-48	6408487502453
37	1848K-37	6408487502347			
38	1848K-38	6408487502354			
39	1848K-39	6408487502361			
40	1848K-40	6408487502378			
41	1848K-41	6408487502385			
42	1848K-42	6408487502392			
43	1848K-43	6408487502408			
44	1848K-44	6408487502415			
45	1848K-45	6408487502422			
46	1848K-46	6408487502439			
47	1848K-47	6408487502446			

The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

**WELDING TECHNOLOGY**  
SUPPLIERS OF WELDING AND ENGINEERING EQUIPMENT



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### FEATURES

ProNose toe reinforcement, Thinsulate™ heat insulation, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones

### PRIMARY PROTECTION

Toe injuries, nail penetration, antistatic

### PRIMARY ENVIRONMENTS OF USE

Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration

### PRIMARY AREAS OF USE

Sheet-metal work, welding, hot work, mining

### PRIMARY INDUSTRIES OF USE

Metal fabrication



CE



Aluminium toecap



Ergothan Shock Absorption System



Nail protection in plasma-treated composite (PTC) textile



Heat-resistant upper



Heat-resistant outsole



Anti-static properties



Water repellent



Oil-resistant outsole



ProNose toe reinforcement



Wide fit

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2017-04-24



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## JALAS® 1848K TITAN+

**COMPLIANCE**  
EN ISO 20345:2011

### COMPLIANCE DESCRIPTION

SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms)

E: Energy absorption in the heel area (tested at 20 Joules)

SRA: Slip-resistance on ceramic tile floor with Sodium lauryl sulphate solution

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard



CE



Aluminium toecap



Ergothon Shock Absorption System



Nail protection in plasma-treated composite (PTC) textile



Heat-resistant upper



Heat-resistant outsole



Anti-static properties



Water repellent



Oil-resistant outsole



ProNose toe reinforcement

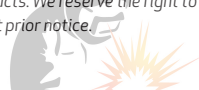


Wide fit

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