

Snow and traction chains



Naturally by pewag. Snow chains defying the toughest winter.





Content

The strongest chains for every situation pewag provides you with the right product for every situation.

Driven by our passion for innovation, we at pewag develop snow and traction chains that guarantee maximum safety and comfort under any circumstances. pewag traction chains cannot only be used in wintery conditions.

They are also compatible for use in other environments such as mud, pebble and sand: The army and rescue teams rely on the proven pewag quality in rough terrain.

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Legend

pewag Digital

Explore the world of pewag Digital



EN 16662-1

ÖNORM V 5117

ÖNORM V 5119

EN 16662-1









Special alloy

Wave profile

starmove®

technology

star stud ™ technology









Clearance

9 mm



Clearance

12 mm



Clearance

13 mm

Clearance 0 mm

Clearance 7 mm



Paved roads

Unpaved roads / offroad



Offroad



Bus



Motor truck



Passenger car



Emergency vehicle









SUV



Small truck / van



Unimog



Heavy commercial

vehicle

(building machine)

Forest machine





Tractor



Forklift



Small municipal vehicles / small tractor



Special vehicle

(quad, snow

blower, etc.)





Chain assembly

front



Chain assembly rear



Chain assembly front or rear

Customer focus and innovation lie at the very heart of the pewag organisation. On our website, you will find products, details, areas of application as well as our configurator that helps you configure the snow chains that are right for you. We also provide catalogues for download and assembly videos for the individual products.

Our YouTube channel offers a glimpse behind the scenes of the world of pewag, for instance with videos from our manufacturing sites.

We don't only want to introduce you to our product range, we are also welcoming your feedback, ideas and comments via our Social Media channels, where you will find customer testimonials, expert advice, and a view of our products in the field.

Find us online:











@pewag - Official YouTube Channel





@pewag.international









@pewag.international

@pewag Schneeketten



Welcome to the pewag group

We are an internationally operating group of companies. Our track record goes back to the year 1479.

Mission Statement pewag group's Mission Statement expresses the goals of our actions as follows:

With our joy for innovation, we strive to make all products of the pewag group the best in the respective markets. The high quality of our products and services as well as our employees' passionate dedication are the foundation to our pursuit of outstanding services and complete customer satisfaction.

Principles of pewag group

Leading in Quality

The values of our product brands are demonstrated by our first-class quality and innovations and are communicated consistently and coherently.

We anticipate market demands and changes in the environment and adapt our strategies, organizations and actions accordingly to satisfy our customers' needs through providing an optimal price-performance ratio: timely delivery, efficient and obliging service.

Leading in Responsibility

We commit ourselves to careful treatment of the environment, by reducing the use of energy and raw materials, ensuring the longevity of our products and making them recyclable.

We value an open, honest and team-oriented work-style, which is based on transparent communication honoring ideas, opinions and experience of our employees as valuable inputs for our decision making process.

We strive for stable and fair partnerships with our employees, customers, suppliers and other business partners and take social aspects into consideration when making business decisions.

Leading in Technology

We secure our technological strength by striving for product quality, constant improvements and innovations of products, as well as manufacturing processes.

We strive to be the best in product technology. This ensures that our customers always have optimal solutions available and that we expand and protect our market position.

Leading in Economics

In all our processes we use due diligent business practices and efficiency and strive to improve these continuously.

In the long-term, we will continuously increase our economic performance to raise corporate value, achieve sustained growth and thus secure a successful future of the organization.

History of the pewag group

Quality management

Advantage through tradition

Our main goal is customer satisfaction

The history of pewag group goes back to the 15th century and therefore makes us one of the oldest chain manufacturer worldwide. With our experience we are ready for the future.

In this instance, quality means that only those products and services are developed, manufactured and delivered which completely and without compromise satisfy the customer.

Timetable of important events

The pewag group's quality policy, is underlined by the following basic principle: "we supply high-end products and services to our customers that conform to the technical standards and requirements", can be summarised in the subsequent four points.

1479 First documented references of a forging plant in Brückl

Market-oriented Quality

1787 Foundation of a chain forge in Kapfenberg

In order to maintain and to widen the competitive position of the pewag group, the quality of finished goods and services must be consistent with the specifications of the customer and also with their expectations of one of the leading companies. No product should ever pose a danger to people

Economic Quality

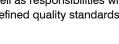
As a profit-oriented company, quality is achieved by taking

1803 Foundation of a chain forge in Graz

Stringent demands are placed on all employees to ensure

1836 Establishment of an iron casting plant in Brückl

1912 Production of the first pewag snow chain



1923 Merger of plants in Graz and Kapfenberg -Creation of the name "pewag" 1972 Foundation of a sales company in Germany



1975 Foundation of a sales company in the USA 1993 Foundation of pewag austria GmbH 1994 Foundation of the first subsidiary in Czech Republic or the environment.

1999 Acquisition of the Weissenfels Group 2003 Separation from the Weissenfels Group

2005 Reorganization into 2 groups:

into consideration the material, personnel and financial resources; this means that we establish an appropriate best price/performance ratio for the customer within the acknowledged framework.

2009 Acquisition of Chaineries Limousines S.A.S. 2012 Foundation of the first manufacturing company in the USA

Quality Responsibility

2013/Foundation of various international sales 2014 companies

> high standards of quality. No matter what hierarchical level, all managers are in charge of managing quality. Every employee within the pewag group should be educated, motivated and instructed by the management team. It is important for promoting high quality awareness that the education and training of employees is at the forefront, as each employee is responsible for the quality of his/her own work.



Schneeketten Beteiligungs AG Group - Snow Chains

pewag austria GmbH Group - Technical Chains

For each of our employees, the statement "QUALITY STARTS WITH ME" must be true!

Lithography forging plant Brückl 1855

Process-oriented Quality



The close interaction between sales, product development, production and customer service is regulated within the individual companies by fixed processes and activities, as well as responsibilities with the aim to reach and maintain the defined quality standards.

Anchor chain forge 1878





pewag

Business areas

Environment – we take responsibility

Working with pewag products

The pewag group has a substantial and diverse spectrum of products and services.

Our range of products varies from traction chains for tires (snow chains for passenger cars, trucks and special-purpose vehicles, tire protection chains for mining vehicles) over different industrial chains to products for the do-it-yourself sector (light chains, belts, etc.).



Segment A
Snow and forestry
chains



Segment B Hoist and conveyor chains



Segment C Do-it-yourself



Segment D Engineering



Segment F Lifting and lashing chains



Segment G Tire protection chains

Ecological awareness in all areas



Our company's manufacturing location in Kapfenberg, Austria, has been used for iron and steel production for over 270 years. A second facility located in Brückl, Austria, was first documented in records dating back to 1479. Based on this long

manufacturing tradition, we take serious responsibility for our products, employees and the environment at all our international locations. Hence, one of our major concerns is to improve energy efficiency and, in doing so, to minimise energy consumption over a long period of time with the development of new production technologies. An important goal is to increase energy efficiency and consequently lower energy demand. Consequently, we develop our products to achieve longer product life-cycles and lower weight but simultaneously, increasing their working load capacities and the safety for our customers. We are committed to upholding all relevant energy and environmental standards by setting clearly defined goals and continually improving our performance. To achieve this goal, we use modern manufacturing technologies. An important step is to provide the necessary resources and to include our employees in the process. We are convinced that well-informed and motivated employees can actively participate in environmental conservation.

Wherever we are unable to avoid an environmental impact, we have set ourselves the goal to continually reduce our energy consumption, waste and environmentally harmful emissions. When purchasing new equipment, we strive to find the best and most efficient technical solution possible. It is important for us to promote the purchase of energy efficient products and services.

Our process-oriented management system regulates the documentation concerning all environmental relevant procedures. It also encompasses preventative measures for possible failures, as well as behavioural instructions for regular and/or extraordinary operational procedures. By systematically monitoring and assessing our environmental activities, we are quickly able to resolve deviances and to take corrective action. This process extends throughout the whole organisation to optimise all business processes. We strive to engage in an open dialogue with our customers, neighbours and authorities to inform them of our energy and environmental engagements.

Through specific communication we want to inform our customers about the environmental aspects of our products – specifically inform them about the longevity of our products. Through meaningful communication, we strive to motivate our suppliers and customers to think – in turn – about their environmental footprint and to put into practice similar environmental standards in their businesses.

Customer proximity

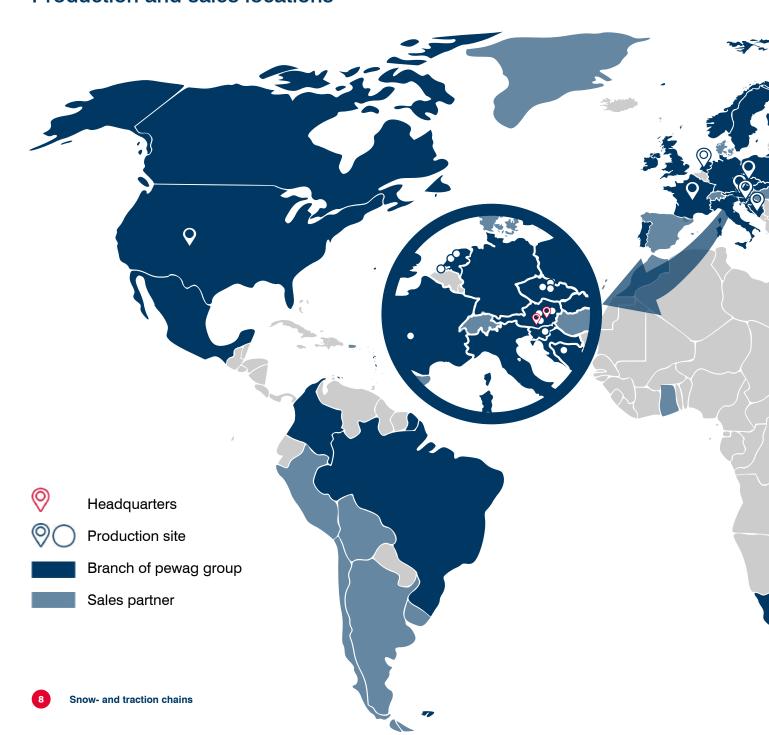
International presence

In the ambitious five-hundred year history pewag has evolved from a small and modest company to a global organization with several subgroups.

With 16 production and over 50 sales and other locations on all five continents, the pewag group documented its claim as one of the world's leading chain manufacturers. Further, pewag group is active with 45 sales partners worldwide.

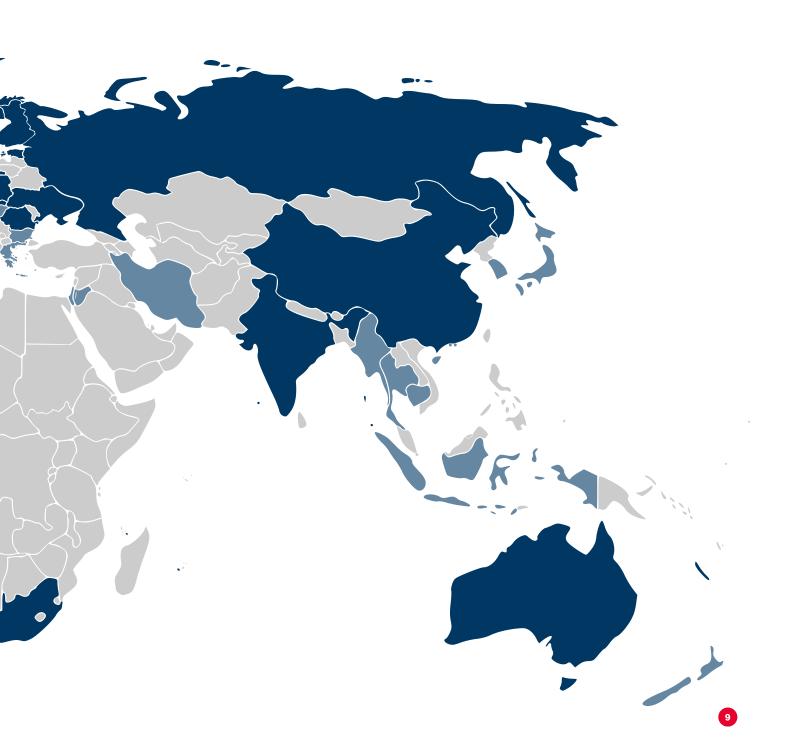
In addition to the numerous locations pewag as an international company relies on it's extensive, strong, and professional partner network. These collaborations provide optimal customer service in currently more than 100 countries around the world.

Production and sales locations





pewag group presents itself on the internet. More ... www.pewag-group.com www.pewag.com



Passenger cars







With our snow chain configurator!



More information on page 59!









Matrix for	
passenger	cars

passenger cars	pewag servostar RSC	pewag servomatik RSM	snox pro SXP	servo RS
Automatic chain tensioning	✓	✓	✓	✓
Square links with starwave® profile	✓	✓	✓	✓
Rim protection	✓	✓	✓	✓

Rating 0-6: 0=bad/difficult, 6 = perfect

Smooth running/driving comfort

Mounting/demounting

Traction				
Passenger car	✓	✓	✓	✓
Crossover	✓	✓	✓	✓
Small SUV	✓	✓	✓	✓
SUV	X	×	×	×
Van	X	×	X	×
Rating 0-6: 0=bad/difficult, 6 = perfect				
Paved roads				
Unpaved roads				
Mountain driving - paved roads				
Mountain driving - unpaved roads				
Chain mesh diameter (mm)	3.2	3.1	3.2	3.2
Height of chain link (mm)	Inside 0 Running surface 12	9	12	12

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.



With our snow chain configurator!



More information on page 59!





Inside 7

Running surface 9



13.1



Matrix for				
passenger cars	pewag servo 9 RS9	pewag servo sport RSS	pewag brenta-c XMR	pewag brenta 9 XMB
Automatic chain tensioning	✓	/	X	×
Square links with starwave® profile	✓	✓	✓	✓
Rim protection	✓	/	X	X
Rating 0-6: 0=bad/difficult, 6 = perfect				
Smooth running/driving comfort				
Mounting/demounting				
Traction				
Passenger car	✓	/	✓	✓
Crossover	✓	/	✓	✓
Small SUV	✓	X	✓	✓
SUV	X	X	X	×
Van	X	X	X	×
Rating 0-6: 0=bad/difficult, 6 = perfect				
Paved roads				
Unpaved roads				
Mountain driving - paved roads				
Mountain driving - unpaved roads				
Chain mesh diameter (mm)	3.1	3.1	3.55	3.1

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.

Height of chain link (mm)



pewag servostar



















For vehicles with zero clearance on the wheel inside. Easy mounting from outside.

The innovative pewag external snow chain with automated servo ratchet system. The solution when there is no room for standard chains.

- · Patented pewag servo ratchet technology
- Chain is mounted on the original wheel nut / bolt
- No need to reach behind the wheel all assembly steps are handled from the outside
- One chain size fits several tire dimensions thanks to generous adaptation possibilities
- Protects the wheel rim no direct contact with the wheel rim thanks to innovative chain system
- Combination of 3.2 mm square links and 12 mm steel traction bars
- · Parts essential for assembly are marked in red

PO no.	Part no.
RSC 840	12642
RSC 850	12644
RSC 860	12651
RSC 870	12666
RSC 880	12667



pewag servomatik



















Safe assembly without fastening hooks. Automatic re-tensioning.

THE innovative hoop chain, ideal for vehicles with rear-wheel drive and tight wheelhouse. Fast and safe to assemble: self-tensioning system with display window indicates when the chain has been fully assembled.

- Very convenient mounting system
- Self-explanatory assembly with display window to ensure that the chain has been mounted safely
- · No fastening elements, no hooks
- 9 mm hoop chain for vehicles with minimal clearance in the wheelhouse
- · Rim protection
- The parts essential for assembly are marked in red
- Self-tensioning system thanks to patented pewag servo ratchet technology

PO no.	Part no.
RSM 64	50008
RSM 67	50118
RSM 68	50131
RSM 69	50193
RSM 73	50194
RSM 74	50381
RSM 75	50560
RSM 76	50562
RSM 77	50563
RSM 78	50572
RSM 79	50592





pewag snox PRO



















s(nox)olution! Naturally from pewag. pewag snox is the only snow chain that is not mounted, but snoxed!

s(nox)olution! is the new chain's slogan and brings it to the point: pewag snox makes the mounting of your snow chain easy and comfortable.

- Easy to use because no lock parts are necessary
- The chain tensions itself automatically retensioning is not necessary
- Rim protection
- Closed system therefore no rings, no hooks
- Quick-release system for easy demounting

PO no.	Part no.
SXP 500	05125
SXP 505	05127
SXP 510	88986
SXP 520	88987
SXP 530	88988
SXP 540	88972
SXP 550	88989
SXP 560	88990
SXP 570	05128



pewag servo sport



















Only 7 mm of space. Sporty. Innovative.

The smallest amount of space used optimally.

Product Information

- pewag servo ratchet tensions the chain automatically manual tensioning is not necessary
- Easy demounting thanks to self-opening inside lock
- Rim protection
- Twisted chain on the inside allows use with minimum space (7 mm)
- · Good results in traction, safety and automatic tension

pewag servo sport is the ideal snow chain for sporty vehicles with the smallest amount of space inside such as: Abarth 500, Abarth Punto, Alfa Romeo 4C, Citroen C3 Picasso, Citroen C4 (Grand) Picasso, Fiat Bravo, Fiat Panda, Lancia Delta, Peugeot 1007, Peugeot 207, Peugeot 308, Renault Koleos, Renault Laguna, Renault Latitude, Renault Scenic, Seat Exeo, Seat Ibiza, VW Golf, VW Jetta.

PO no.	Part no.
RSS 60	29511
RSS 62	29634
RSS 64	29761
RSS 67	29795
RSS 68	29995
RSS 69	30012
RSS 73	30015
RSS 74	30137
RSS 75	30290
RSS 76	30321
RSS 77	30361
RSS 79	30686
RSS 80	31098





pewag servo 9



















Sporty. Thrilling. Fast. High quality chain for low clearance (9 mm).

Specifically developed for vehicles with low clearance, the innovative and patented pewag servo 9 offers the comfort of stationary mounting and high reliability under all conditions: a snow chain, that will especially satisfy frequent drivers.

- 9 mm: for vehicles with the small amount of space inside
- pewag servo ratchet tensions the chain automatically manual tensioning is not necessary
- · Easy demounting thanks to self-opening inside lock
- Rim protection

PO no.	Part no.
RS9 60	94788
RS9 62	94789
RS9 64	94790
RS9 67	94791
RS9 68	94792
RS9 69	94793
RS9 73	94794
RS9 74	94795
RS9 75	94796
RS9 76	94797
RS9 77	94798
RS9 79	02944
RS9 80	94799
RS9 18813 ¹⁾	18813
RS9 59920 ²⁾	59920

- 1) special chain for VW ID4 und Skoda Enyaq iV
- ²⁾ special chain for BMW i3 155/70-19



pewag servo



















Sporty. Thrilling. Fast. High quality chain with servotechnology.

Specifically developed for vehicles with high powered engines, pewag servo offers the comfort of stationary mounting and high reliability under all conditions: a snow chain that will especially satisfy frequent drivers.

- · High quality chain with innovative technology
- pewag servo ratchet tensions the chain automatically manual tensioning is not necessary
- Easy removal through self-opening inside lock
- Rim protection

PO no.	Part no.
RS 60	37011
RS 62	37012
RS 64	37013
RS 67	37014
RS 68	37015
RS 69	37016
RS 73	37017
RS 74	37041
RS 75	37042
RS 76	37043
RS 77	37045
RS 79	02940
RS 80	37047



pewag

pewag brenta 9



















Proven technology. Reliable in use.

The 9 mm chain for vehicles with tight wheel wells.

- 9 mm: for vehicles with the small amount of space inside
- Inside lock is fast and easy to use
- Manual chain tensioning chain is retensioned manually

PO no.	Part no.
XMB 58	56929
XMB 59	58564
XMB 60	58565
XMB 62	58566
XMB 64	58571
XMB 67	58572
XMB 68	58573
XMB 69	58574
XMB 73	58575
XMB 74	58576
XMB 75	58577
XMB 76	12138
XMB 77	12139
XMB 79	55651



pewag brenta-c



















Proven many times. Tested many times. Sold many times. The proven chain for daily use.

The top-selling pewag snow chain: the tight chain mesh provides reliable grip and a smooth ride in all kinds of wintery conditions.

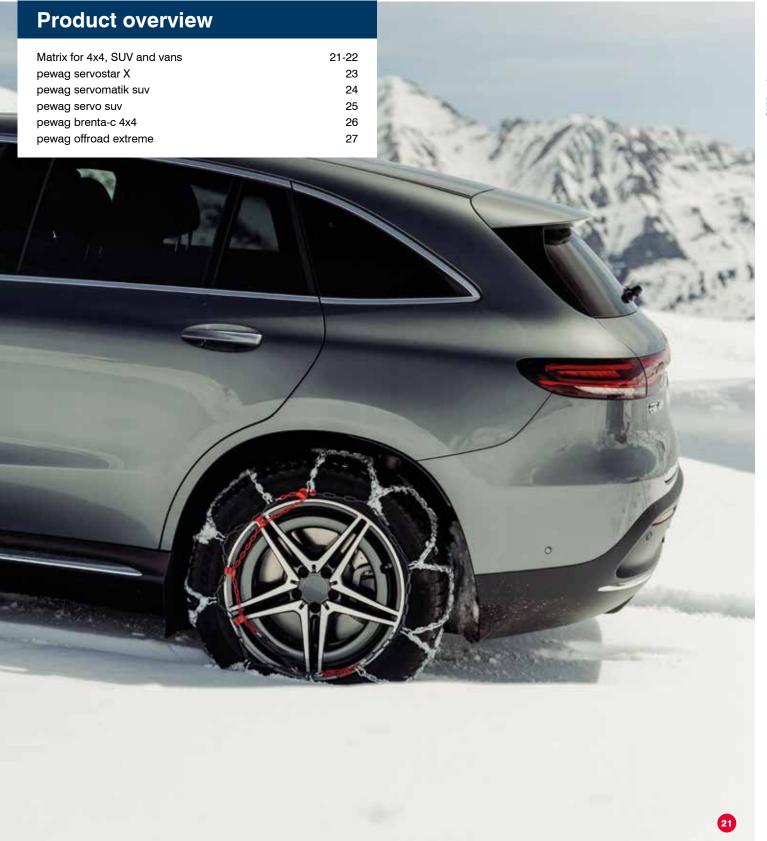
- Inside lock is easy and fast to use
- Manual chain tension the chain is retensioned manually

PO	Part
no.	no.
XMR 56	24307
XMR 58	24308
XMR 59	24309
XMR 60	24310
XMR 62	24312
XMR 64	24313
XMR 67	24322
XMR 68	24377
XMR 69	24382
XMR 70	24397
XMR 73	24398
XMR 74	24400
XMR 75	24405
XMR 77	24523
XMR 79	55648





4x4, SUV and vans



Get the perfect chain even faster!

With our snow chain configurator!



More information on page 59!











Matrix for	4x4, SUV
and vans	

and vans	pewag servostar X RSC X	pewag servomatik suv RSM V	pewag servo suv RSV	pewag brenta-c 4x4 XMR V	pewag offroad extreme FM
Automatic chain tensioning	✓	1	1	×	×
Square links with starwave® profile	✓	1	1	1	✓
Rim protection	✓	/	1	×	X

Rating 0-6: 0=bad/difficult, 6 = perfect

Smooth running/driving comfort					
Mounting/demounting					
Traction					
Passenger car	✓	✓	1	×	×
Crossover	✓	1	1	1	X
Small SUV	✓	✓	1	1	1
SUV	X	✓	✓	1	✓
Van	×	/	/	/	/

Rating 0-6: 0=bad/difficult, 6 = perfect

riding 0-0. 0-bad/annount, 0 - pericot					
Paved roads					
Unpaved roads					
Mountain driving - paved roads					
Mountain driving - unpaved roads					
Chain mesh diameter (mm)	3.2	3.55	3.55	4.5	4.5
Height of chain link (mm)	Inside 0 Running surface 12	13	13	16	16

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.



pewa<mark>g</mark> servostar X





















External chains for small SUVs and crossovers with zero clearance on the wheel inside. Easy mounting from outside.

The innovative pewag external snow chain with automated servo ratchet system. The solution when there is no room for standard chains.

- · Patented pewag servo ratchet technology
- Chain is mounted on the original wheel nut / bolt
- No need to reach behind the wheel all assembly steps are handled from the outside
- One chain size fits several tire dimensions thanks to generous adaptation possibilities
- Protects the wheel rim no direct contact with the wheel rim thanks to innovative chain system
- Combination of 3.2 mm square links and 12 mm steel traction bars
- Parts essential for assembly are marked in red

PO no.	Part no.
RSC 890 X	92178
RSC 900 X	92179



pewag servomatik suv





















Safe assembly without fastening hooks. Automatic re-tensioning – now also for SUVs.

The new pewag hoop chain especially for SUVs with the proved and tested servomatik ratchet is particularly quick to assemble, thanks to the self-tensioning system.

- Quick and easy to assemble
- Self-explanatory assembly with display window to ensure that the chain is mounted safely
- No fastening elements, no hooks
- · Rim protection
- The parts essential for assembly are marked in red
- Self-tensioning system thanks to patented pewag servo ratchet technology

PO no.	Part no.
RSM 76 V	59073
RSM 77 V	59080
RSM 78 V	59115
RSM 79 V	59118
RSM 80 V	59150
RSM 80A V	25567
RSM 81 V	25568
RSM 81A V	25569
RSM 82 V	25570





pewag servo suv





















Sporty. Thrilling. Fast.

High quality chain for stationary mounting with pewag servotechnology. This chain was developed especially for SUVs.

- High quality chain with innovative technology
- Inside lock is fast and easy to use
- Rim protection
- Patented pewag servo-technology automatically regulates the chain tension

PO no.	Part no.
RSV 67	37048
RSV 68	37072
RSV 69	37102
RSV 73	37111
RSV 74	37131
RSV 75	37139
RSV 76	37140
RSV 77	37145
RSV 79	37146
RSV 80	37151
RSV 80A	37153
RSV 81	37156
RSV 81A	37018
RSV 82	37157



pewag brenta-c 4x4





















Simply strong. The reliable stationary mounting chain for offroad use.

The tried and tested pewag brenta-c is pewag's bestselling snow chain: the chain was especially strengthened for 4x4 use.

- Very easy mounting because the inside lock is fast and easy to
- Manual chain tension the chain is retensioned manually
- Inside lock is a resistant hook lock

PO no.	Part no.
XMR 69 V	07971
XMR 73 V	19051
XMR 74 V	62039
XMR 75 V	12359
XMR 76 V	62040
XMR 77 V	12360
XMR 79 V	12361
XMR 80 V	12362
XMR 80A V	03851
XMR 81 V	12363
XMR 82 V	12364
XMR-V 26043)	26043

¹⁾ Special chain for Mercedes Sprinter NCV3 and VW Crafter





pewag offroad extreme













TITANGrip®







Powerful und persistent without limits. Versatile chain for extreme offroad use.

Where the road ends, pewag offroad extreme knows no limits and gets you safely over any terrain in the woods and to the highest peaks safely.

- Chain provides smooth running through dense mesh network
- Manual chain tension chain is retensioned manually
- Nato-Stock-Number on request
- Solid chain in 4.5 mm material thickness and without plastic parts
- Stable link by welded rings of chain mesh with the side chain

PO no.	Part no.
FM 73	24797
FM 75	42763
FM 76	42731
FM 77	42732
FM 79	41337
FM 80	42733
FM 82	36396
FM 91B ¹⁾	65775

¹⁾ With higher positioned inside chain for very narrow wheel arches



Buses, transporters and trucks













Matrix for	' buses,	
transport	ers and	trucks

transporters and trucks	pewag omnimat ring 6 OM R6	pewag cervino CL	pewag austro super A S	pewag austro super reinforced A SV
Square links with starwave® profile	×	×	/	/
Special TitanGrip® steel for longer life span	✓	✓	1	✓
Additional wear elements	X	X	X	X
pewag starmove® technology	X	X	×	X
Adjustment option/may be adapted to the tire	X	X	X	X
Round-link chain (welded rings on running surface)	✓	✓	✓	✓
Forged hooks on running surface	X	X	X	X
Made in AUT	✓	✓	✓	✓
Made in CZ	X	×	/	✓

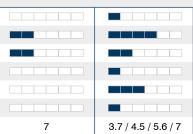
Rating 0-6: 0=bad/difficult, 6 = perfect

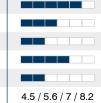
Smooth running/driving comfort				
Mounting/Demounting				
Traction				
Forklift	X	×	×	✓
Special vehicle (quad, snow blower, mower etc.)	×	×	✓	✓
Unimog	X	×	✓	✓
Small tractor	×	×	×	X
Tractor	X	×	X	X
Small truck/transporter	×	✓	✓	✓
Truck	✓	✓	✓	✓
Bus	✓	×	✓	×
Forest machine	X	×	×	X
Emergency vehicle	×	×	✓	✓
Heavy-duty vehicle (construction vehicle)	X	X	X	✓
Rating 0-6: 0=bad/difficult, 6 = perfect				
Agricultural/forestry applications				
Paved roads				

6

Offroad/unpaved roads
Construction sites/earthmoving operations
Lumber haulage

Snow removal/winter services Chain mesh diameter (mm)





The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.



With our snow chain configurator!



More information on page 59!





pewag



4.5 / 5.6 / 7 / 8.2

pewag austro



7/8

pewag

trucks	austro super twin A S ZW	super reinforced twin A SV ZW	studded ladder* L ST
Square links with starwave® profile	✓	/	×
Special TitanGrip® steel for longer life span	✓	✓	✓
Additional wear elements	X	X	✓
pewag starmove® technology	X	X	X
Adjustment option/may be adapted to the tire	X	X	X
Round-link chain (welded rings on running surface)	✓	✓	X
Forged hooks on running surface	X	X	X
Made in AUT	✓	✓	✓
Made in CZ	X	X	X
Rating 0-6: 0=bad/difficult, 6 = perfect			
Smooth running/driving comfort			
Mounting/Demounting			
Traction			
Forklift	X	✓	X
Special vehicle (quad, snow blower, mower etc.)	X	X	X
Unimog	X	X	X
Small tractor	X	X	X
Tractor	X	X	X
Small truck/transporter	✓	✓	X
Truck	✓	✓	✓
Bus	✓	X	✓
Forest machine	X	X	X
Emergency vehicle	✓	✓	X
Heavy-duty vehicle (construction vehicle)	X	/	X
Rating 0-6: 0=bad/difficult, 6 = perfect			
Agricultural/forestry applications			
Paved roads			
Offroad/unpaved roads			

3.7 / 4.5 / 5.6 / 7

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.

Lumber haulage

Snow removal/winter services

Chain mesh diameter (mm)

Construction sites/earthmoving operations

^{*} Use on paved roads only possible according to legal requirements of the country.



pewag omnimat ring 6







The new hoop chain for fast assembly, specially made for buses and light trucks with tight clearances.

When speed is of the essence, this 6mm Hoop chain comes into its own. Fast assembly, equally fast tensioning!

Product Information

- · Quick assembly without hooks or other fastening elements
- · Easy to assemble thanks to pre-formed spring steel bracket
- Hoop system allows for assembly on buses with tight clearances between tire wall and vehicle and gaps in case of twin tires



pewag cervino









The cost-effective solution for use with light-duty utility vehicles.

pewag cervino offers robustness and reliability for straightforward applications.

- · Easy to assemble thanks to its light and robust design
- Good choice for medium-duty use in road traffic
- For material thicknesses 4.5 and 5.6 mm: lateral hook that connects the running mesh to the side chains (CL..S)
- For material thickness 7 mm: welded rings that connect the running mesh to the side chains (CL..R)



pewag austro super













Tough and reliable – with innovative wave profile. The standard chain for medium-duty utility vehicle use.

The tried-and-tested all-round chain especially recommended for transporters and trucks.

Product Information

 Longer lifespan and added resistance thanks to welded rings in the shoulder chain for the 5.6 and 7 mm versions







pewag austro super reinforced













Strengthened model – with innovative wave profile. Chain for heavy-duty utility vehicle use.

This proven chain was developed further by pewag and now has the innovative wave profile for increased traction.

- Longer lifespan and added resistance thanks to welded rings in the shoulder chain for 5.6, 7 and 8.2 mm
- · Higher material diameter for excellent grip on soft ground







pewag austro super twin













Tough and reliable – with innovative wave profile. Twin chain for medium-duty utility use.

The proven allround chain model for medium-duty use in the twin version.

Product Information

 Welded rings to connect the chain mesh to the side chain for the 5.6 and 7 mm versions



pewag austro super reinforced twin













Twin Chain for heavy-duty utility vehicle use.

This proven chain was developed further by pewag and now has the innovative wave profile for increased traction.

- Longer lifespan and added resistance thanks to stable connection of the running mesh and the side chains using welded rings
- Higher material diameter for excellent grip on soft ground



pewag studded ladder









Proven design. The high impact spike chain.

pewag studded ladder is the proven spike chain for use in Scandinavia.

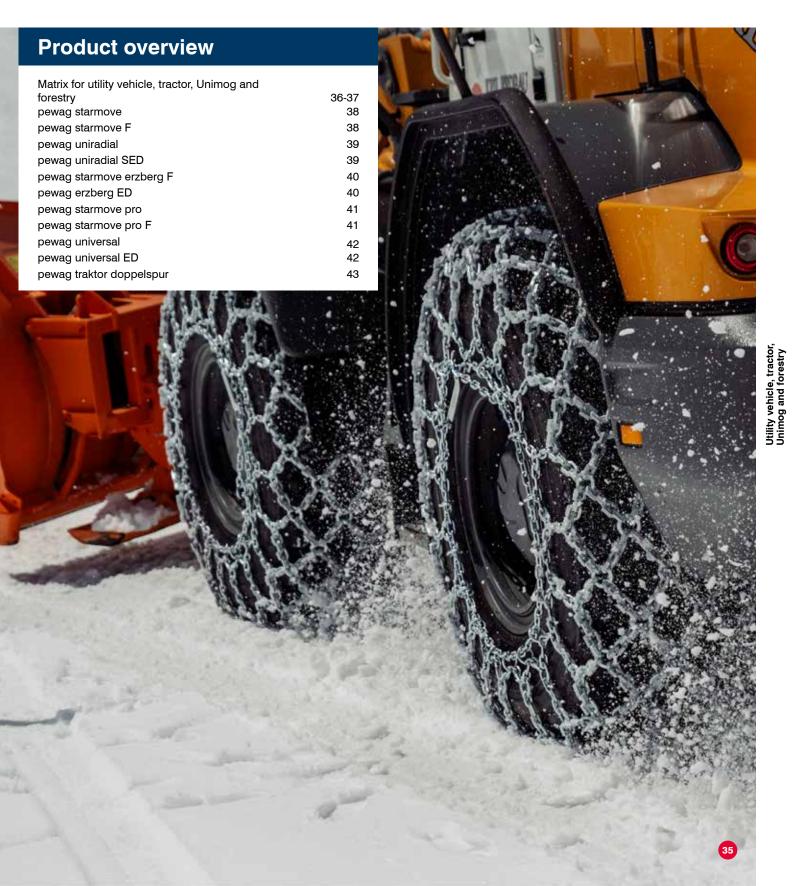
- Twisted chain with welded on star studsTM stubs for perfect traction on ice
- Low weight of the chain allows an easy mounting
- On request with doubled cross parts pewag studded ladder double link



Symbol picture - colour may vary



Utility vehicle, tractor, Unimog and forestry







More information on page 59!

Matrix for utility vehicle tractor













10.5 / 12.5

venicle, tractor,				100	Contract of the Contract of th	- A. C.
Unimog and	pewag starmove	pewag starmove F	pewag uniradial	pewag uniradial SED	pewag starmove erzberg F	pewag erzberg ED
forestry	STM	STM F	GR S	GR SED	STX F	EB ED
Square links with starwave® profile	✓	1	/	1	✓	1
Special TitanGrip® steel for longer life span	✓	/	/	1	/	✓
Additional wear elements	×	1	×	1	✓	1
pewag starmove® technology	✓	✓	×	×	/	×
Adjustment option/may be adapted to the tire	✓	/	/	1	/	✓ ·
Round-link chain (welded rings on running surface)	✓	/	✓	1	/	✓ ·
Forged hooks on running surface	✓	1	/	/	✓	/
Made in AUT	✓	1	✓	1	✓	/
Made in CZ	×	×	×	×	×	×

Rating 0-	6: 0=bad	/difficult.	. 6 =	perfect
-----------	----------	-------------	-------	---------

Smooth running/driving comfort						
Mounting/Demounting						
Traction						
Forklift	×	×	×	×	×	×
Special vehicle (quad, snow blower, mower etc.)	X	×	1	1	×	X
Unimog	1	✓	1	1	✓	1
Small tractor	×	×	×	X	×	×
Tractor	×	×	×	×	×	×
Small truck/transporter	X	×	×	×	×	X
Truck	✓	✓	✓	✓	✓	1
Bus	×	×	×	×	×	×
Forest machine	×	×	×	×	×	×
Emergency vehicle	✓	X	1	X	×	×
Heavy-duty vehicle (construction vehicle)*	×	×	×	×	✓	✓

Agricultural/forestry applications						
Paved roads						
Offroad/unpaved roads						
Construction sites/earthmoving operations						
Lumber haulage						
Snow removal/winter services						
Chain mesh diameter (mm)	7 / 8.5	7 / 8.5	4.5 / 5.6 / 7 / 8.2	5.6 / 7 / 8.2	7 / 8.5	5.6 / 7.3 / 8.5 /

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.

^{*} Attention! If the total weight of the vehicle exceeds 30 tonnes, please consult our sales department to determine the correct chain.



Matrix for utility vehicle, tractor,











Unimog and forestry	pewag starmove pro STP	pewag starmove pro F STP F	pewag universal U	pewag universal ED U ED	pewag traktor doppelspur D
Square links with starwave® profile	✓	✓	/	✓	×
Special TitanGrip® steel for longer life span	✓	✓	1	✓	✓
Additional wear elements	×	✓	×	✓	✓
pewag starmove® technology	✓	✓	×	×	X
Adjustment option/may be adapted to the tire	✓	/	✓	✓	✓
Round-link chain (welded rings on running surface)	✓	✓	✓	✓	X
Forged hooks on running surface	✓	✓	1	✓	X
Made in AUT	✓	1	1	1	1
Made in CZ	×	×	×	×	X

Rating	0-6: 0=bac	l/difficult	6 =	perfect
Haung	0-0. U - Dat	ı, aiiiicait.		periect

Smooth running/driving comfort					
Mounting/Demounting					
Traction					
Forklift	×	×	×	×	×
Special vehicle (quad, snow blower, mower etc.)	X	×	✓	✓	X
Unimog	×	×	×	×	×
Small tractor	✓	✓	✓	✓	✓
Tractor	✓	✓	/	✓	✓
Small truck/transporter	X	×	×	×	×
Truck	X	×	×	×	×
Bus	X	×	×	×	×
Forest machine	✓	✓	/	✓	×
Emergency vehicle	X	×	×	×	×
Heavy-duty vehicle (construction vehicle)*	✓	✓	1	✓	×
Rating 0-6: 0=bad/difficult, 6 = perfect					
Agricultural/forestry applications					
Paved roads					
Offroad/unpaved roads					
Construction sites/earthmoving operations					

hatting 0-o: 0=bad/difficult, o = perfect					
Agricultural/forestry applications					
Paved roads					
Offroad/unpaved roads					
Construction sites/earthmoving operations					
Lumber haulage					
Snow removal/winter services					
Chain mesh diameter (mm)	7 / 8.5	7 / 8.5	4.5 / 5.6 / 7 / 8.2 /	5.9 / 7.3 / 8.5 /	7 / 8.2 / 10

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.

10.5 / 12.5

^{*} Attention! If the total weight of the vehicle exceeds 30 tonnes, please consult our sales department to determine the correct chain.

pewag starmove















Competitive edge. The newly developed pewag starmove traction chain withstands even heavy-duty applications.

To achieve better traction and a longer lifespan, the links of the chain are tilted in such a way that each square link of the chain mesh digs into the running surface.

Product Information

- starmove® technology: improved traction as every single square chain link achieves grip on the running surface due to inclined position of the chain links
- Resulting in an increase in wear resistance of up to 30 %
- · Reduced fuel consumption due to weight-optimised shoulder and outside chains
- Gentle on the tire thanks to shoulder chains with a round crosssection
- · High level of running smoothness and driving comfort



pewag starmove F













Competitive edge. Competitive strength. pewag starmove F in the strengthened version is the new traction chain for extreme, heavyduty applications.

Thanks to its strengthened design, the pewag starmove F is particularly resistant and robust on snow and ice.

- Wear elements with higher material thickness than the chain are welded in an inclined position on all square chain links in the running mesh, with starwave® profile for added grip and a longer
- Up to 70 % higher wear volume than comparable ED chains
- · Reduced fuel consumption due to weight-optimised shoulder and outside chains
- Tire protection thanks to shoulder chains with round cross-section
- High level of running smoothness and driving comfort





pewa<mark>g</mark> uniradial











Solid and strong. The net chain for heavy-duty utility vehicle use.

pewag uniradial is the traditional net chain for heavy-duty truck use as well as for snow removal.

Product Information

- Professional chain for heavy-duty utility vehicles
- Specially designed running mesh for smooth running qualities and excellent traction



pewag uniradial SED











Strengthened version. The chain for extreme demands.

Due to its special reinforcement Features, the pewag uniradial SED is very wear resistant.

- · Wear elements and stubs from rectangular steel attached to each recumbent chain link
- · Additional wear elements in the running surface



pewag starmove erzberg F











Even stronger. Even more robust. For the toughest applications and heaviest vehicles.

The combination of close-knit running mesh and stubs in a higher material strength stands up to any situation.

Product Information

- · Close-knit running mesh in a robust, welded-ring design
- Wear elements with higher material thickness than the chain are welded in an inclined position on all the square chain links in the running mesh, with starwave® profile for added grip and a longer
- · Results in a 70 % increase in wear volume
- Reduced fuel consumption due to weight-optimised shoulder and outside chains
- · Gentle on the tire thanks to shoulder chains with a round crosssection



pewag erzberg ED











Extremely strong. Professional chain for use with heavy-duty vehicles.

pewag erzberg ED - this reinforced chain stands up even to the toughest challenges.

- · Close-knit running mesh in a robust ring design
- · Additional welded-on wear elements
- · Forged fastening hooks ensure smooth running, reliability and straightforward handling





pewag starmove PRO













The new starmove chain for use with off-road vehicles.

The pewag starmove pro offers improved traction as every single square chain link achieves grip on the running surface thanks to the inclined position of the chain links.

Product Information

- · Robust, hexagonal shape of the running mesh
- Withstands strains thanks to running mesh connection with intermediate links
- starmove® technology: Improved traction as every single square chain link achieves traction on the running surface thanks to inclined position of the chain links
- Results in up to 30% higher wear volume
- Reduced fuel consumption thanks to weight-optimised shoulder and outside chains
- Tire protection thanks to use of shoulder chains with a round cross-section
- · Wider formats for wide-base tires are available



Tire width [mm]	Version
up to approx. 490 mm	standard 1-field version
from approx. 500 to approx. 640 mm	offset version
from approx. 650 mm	2-field version

^{*} Table valid for material thickness 8.5 mm / exceptions for versions possible

pewag starmove PRO F













The new, reinforced starmove chain for heavy-duty use with off-road vehicles.

Due to its reinforced design, the pewag starmove pro F is particularly suitable for heavy-duty applications.

- · Robust, hexagonal shape of the running mesh
- · Additional, welded-on wear elements in an inclined position and with a higher material diameter than the chain provide additional grip and wear volume
- Results in up to 30% higher wear volume
- · Reduced fuel consumption thanks to weight-optimised shoulder and outside chains
- · Wider formats for wide-base tires are available
- Tire protection thanks to use of shoulder chains with a round cross-section
- Available in material strength 8.5 mm (wear stubs in in 10 mm) and 7 mm (wear stubs in 8.2 mm)



Tire width [mm]	Version
up to approx. 490 mm	standard 1-field version
from approx. 500 to approx. 640 mm	offset version
from approx. 650 mm	2-field version

^{*} Table valid for material thickness 8.5 mm / exceptions for versions possible

pewag universal









Proven technology. Reliable in use. The classic pewag net chain.

Robust and strong - pewag universal is the tried-and-tested net chain for tractors and construction vehicles.

Product Information

- · Robust, hexagonally shaped running mesh
- · Withstands even extreme strains thanks to forged
- · Wider formats for wide-base tires also available
- · Lower level of wear, longer lifespan and optimal running smoothness



Mounting instruction



Tire width [mm]	Version
up to approx. 490 mm	standard 1-field version
from approx. 500 to approx. 590 mm	offset version
from approx. 600 to approx. 640 mm	2-field version
from approx. 650 to approx. 690 mm	2-field offset version
from approx. 700 mm	3-field version

^{*} Table valid for material thickness 8.2 mm / exceptions for versions possible

pewag universal ED











Strengthened version. The chain for high demands.

Welded-on wear elements ensure increased wear resistance and an extended lifespan for the strengthened version of the popular pewag universal - now also for wide-base tires.

- Additional wear elements ensure better grip and a longer lifespan
- · Special design for wide-base tires available
- · We recommend a maximum speed of 30 km/h





Tire width [mm]	Version
up to approx. 490 mm	standard 1-field version
from approx. 500 to approx. 590 mm	offset version
from approx. 600 to approx. 640 mm	2-field version
from approx. 650 to approx. 690 mm	2-field offset version
from approx. 700 mm	3-field version

^{*} Table valid for material thickness 8.5 mm / exceptions for versions possible

pewag traktor doppelspur



TITANGrip®

Simple but reliable and good. The classic chain for use on tractors now in welded version.

The rectangular mesh shape of the pewag traktor doppelspur is ideal for standard applications with tractors.

Product Information

- Robust design with welded clamps and wear elements to cater for increasing engine power
- Long lifespan and excellent grip thanks to additional wear elements
- Chain may be shortened for optimum fit using a shackle system





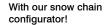
pewag

Special vehicles











More information on page 59!









Matrix	for	special
vehicle	es	

vehicles	pewag unihub UH	pewag austro super reinforced A SV	pewag traktor spur T	pewag leiterkette E
Square links with starwave® profile	×	✓	✓	×
Special TitanGrip® steel for longer life span	✓	✓	×	X
Additional wear elements	×	×	X	X
pewag starmove® technology	×	×	×	×
Adjustment option/may be adapted to the tire	✓	×	X	X
Round-link chain (welded rings on running surface)	✓	✓	✓	×
Forged hooks on running surface	✓	×	X	X
Made in AUT	✓	✓	✓	✓
Made in CZ	X	/	✓	✓

Rating 0-6: 0=bad/difficult, 6 = perfect

Smooth running/driving comfort				
Mounting/Demounting				
Traction				
Forklift	✓	✓	×	×
Special vehicle (quad, snow blower, mower etc.)	X	✓	✓	✓
Unimog	×	✓	×	×
Small tractor	X	×	✓	×
Tractor	X	×	×	X
Small truck/transporter	X	✓	✓	✓
Truck	X	✓	×	✓
Bus	X	×	X	X
Forest machine	×	×	×	×
Emergency vehicle	X	✓	X	X
Heavy-duty vehicle (construction vehicle)	×	✓	×	×
Rating 0-6: 0=bad/difficult, 6 = perfect				
Agricultural/forestry applications				

Chain mesh diameter (mm)	4.5 / 5.5 / 7	4.5 / 5.6 / 7 / 8.2	3.55 / 4.5 / 5.6	3.55 / 4.5 / 5.6 / 7 / 8.2
Snow removal/winter services				
Lumber haulage				
Construction sites/earthmoving operations				
Offroad/unpaved roads				
Paved roads				
Agricultural/forestry applications				

The recommendations listed in the table above are based on our experiences with various vehicle propulsion and suspension versions. However, you should check the vehicle manufacturer's recommendations in the instruction manual regarding the use of snow chains.

pewag unihub



Tough.

The newly designed pewag net chain for forklifts. Due to the tough chain mesh it is suitable for moderate to heavy-duty use.

Product Description

- Smooth running and good traction
- Tough chain mesh consists of rhombi and cross sections
- Welded rings connect the chain mesh to the side chain



pewag austro super reinforced







Strong version.

This model from the pewag austro super family is suitable for forklifts, quads and small tractors.

Product Description

- · Diagonal pattern chain
- Welded rings connect the running mesh to the side chains











pewag traktor spur



Simply good.

pewag tractor spur is the perfect choice for light to medium-duty use.

Product Description

- · Straight-pattern chain mesh
- Side chain connection with side hooks



pewag leiterkette



Simple and functional.

pewag ladder chains with the parallel and easy to exchange cross chains are well suited for hand-held devices to small tractors.

Product Description

- Suitable for light-duty use
- Economical alternative



Spare parts

Product overview

Spare parts 49-52





	Description	Packaging unit	Article no.	For chain
Cross chain square section			,	
Hardened	3.7 x 12.5 mm	5 m/bundle	05056	3.7 mm
	4.5 x 15.5 mm	5 m/bundle	05057	4.5 mm
	5.6 x 19 mm	5 m/bundle	05058	5.6 mm
	7 x 24 mm	5 m/bundle	05059	7 mm
	8.2 x 28 mm	5 m/bundle	05060	8.2 mm
	10 x 35 mm	5 m/bundle	05055	10 mm
	12 x 45 mm	2 m/bundle	05077	12 mm
ide- and tensioning chain				
	3.2 x 28 mm	5 m/bundle	94771	3.55-3.7 mm
	4 x 32 mm	5 m/bundle	05119	4.5 mm
	5 x 35 mm	5 m/bundle	05120	5.6 mm
	7 x 43 mm	5 m/bundle	05122	7 mm
	8 x 31 mm	5 m/bundle	95268	8.2 mm
	11 x 39 mm	2 m/bundle	05699	10 mm
ide hook				
	4.3 mm	40 pc.	42924	from 3.55 mm
	5 mm	40 pc.	42925	4.5 mm
	6 mm	40 pc.	42934	5.6 mm
	7 mm	30 pc.	42935	5.6-7 mm
	8 mm	30 pc.	42936	7-8.2 mm
	9.5 mm	10 pc.	42948	10 mm
lepair link		ı		'
	4.5 mm	40 pc.	42927	to 4.5 mm
	5.6 mm	40 pc.	42931	5.6 mm
	7 mm	30 pc.	42932	7 mm
	8.2 mm	30 pc.	42933	8.2 mm
	10 mm	10 pc.	42952	10 mm
	12 mm	10 pc.	42953	12 mm
pen link				
	3.3 mm	40 pc.	42928	3.7 mm
	4 mm	40 pc.	42012	4.5 mm
	5 mm	40 pc.	42013	5.6 mm
	6 mm	30 pc.	42945	to 7 mm
	7 mm	30 pc.	42946	7 mm
	8 mm	30 pc.	42947	8.2 mm
	10 mm	10 pc.	42954	10 mm
epositing spring for passenger car	s			
	Passenger cars	2 pc.	35257	to 5.6 mm
im protection clips				
ttachment to the side hook	Red	8 pc.	95265	Passenger car
	Blue	8 pc.	66632	Passenger car

	Description	Packaging unit	Article no.	For chain
Tensioning lever				
2	1 Nr. 2 L = 77.5 mm with link	2 pc.	05141	UZ-S
	1 Nr. 3 L = 100 mm with safety catch * (Green pin shackle 0.33 t)	2 pc.	35261	to 5.6 mm
	1 Nr. 5 L = 150 mm with safety catch * (Green pin shackle 0.55 t)	1 pc.	35260	7 and 8.2 mm
	2 30 x 10 with two links * (Green pin shackle 1 t)	1 pc.	35258	from 10 mm

^{*} A shackle is required for installation

Depositing spring for trucks



Truck	5 pc.	05136	from 7 mm
Truck	25 pc.	35250	from 7 mm

Inside-, outside-, end hook for chains in ring version



A repair ring / link is required for installation

1 Small L = 44 mm	2 pc.	05009	4.5 mm
2 Repair kit with hook, 4.5 mm	1 pc.	25578	4.5 mm
1 Middle L = 55 mm	2 pc.	05010	5.6 mm
1 110 L = 70 mm	2 pc.	05011	7 mm
1 130 L = 75 mm	2 pc.	05012	8.2 mm



Inside-, outside-, end hook for chains in side hook version



E1 L = 86 mm	2 pc.	34936	5.6 mm
E2 L = 105 mm	2 pc.	12013	7 and 8.2 mm

Middle hook



2 MH 3	2 pc.	37758	7 mm
2 S7	2 pc.	18426	7 mm STM
2 MH 4	2 pc.	37759	8.2 mm
2 S9	2 pc.	18429	8.5 mm STP
1 MH 5	2 pc.	50192	10 mm
1 GM 12	2 pc.	05399	12 mm

A repair ring is required for installation

Middle hook + ring

Hardened, as an extension





2 MH 2 + End ring with flat spot	1 pc.	85868	5.6 mm
1 GM 7 + End ring with notch	1 pc.	22137	7 mm
2 MH 3 + End ring with flat spot	1 pc.	89263	7 mm
2 MH 4 + End ring with flat spot	1 pc.	89264	8.2 mm
2 S9 + Ring	1 pc.	18430	8.5 mm STP
1 MH 5 + End ring with flat spot	1 pc.	40692	10 mm

Green pin shackle



Green pin shackle 0.33 t	10 pc.	34937	5.6 mm
Green pin shackle 0.55 t	10 pc.	34938	7 mm
Green pin shackle 0.75 t	5 pc.	34939	8.2 mm
Green pin shackle 1 t	5 pc.	34940	10 mm
Green pin shackle 1.5 t	5 pc.	34941	from 12 mm



	Description	Packaging unit	Article no.	For chain
Repair ring				
Hardened	1 8 mm	2 pc.	05625	7 and 8.2 mm
	1 8 mm with notch	2 pc.	21441	7 and 8.2 mm
	1 8 mm with flat spot	2 pc.	95267	7 and 8.2 mm
	2 12 mm	1 pc.	01386	10 and 10.5 mm
2	2 14 mm	1 pc.	01390	12, 12.5, 13 and 13.5 mm
9	2 18 mm	1 pc.	67961	15.5 and 16 mm
Wire hook for twin chains				
	7 mm	2 pc.	05832	from 7 mm
Ring open	6 v 06 mm	40 no	50160	4.5 mm
	6 x 26 mm	40 pc.	50160	4.5 mm
	7 x 35 mm	40 pc.	42938	5.6 mm
	8 x 36 mm	30 pc.	42939	7 mm
	9 x 36 mm	30 pc.	42940	8.2 mm
	12 x 45 mm	10 pc.	42949	10 mm
	14 x 50 mm	5 pc.	42950	12 mm
Pin lock				
Hardened	1 Pin lock 5 mm	1 pc.	18622	5.6 mm
M M	2 VBS 7 (can also be used as a locking hook)	1 pc.	87757	7 mm
	1 Pin lock 8 mm	1 pc.	27657	8.2 mm
	3 VBS 14 – as a closure	1 pc.	35326	10.5 mm
	3 VBS 14 – as a replacement link	1 pc.	35326	10, 10.5, 12, 12.5 and 13.5 mm
	4 VBS 18 – as a closure	1 pc.	86810	12, 12.5, 13.5 and 15.5 mm
	4 VBS 18 – as a replacement link	1 pc.	86810	15.5 mm
Extension pieces				
<u>0</u>	Chain 5x35 L = 3 links + shackle 0.33 t	1 pc.	85383	A-S and A-SV 4.5 and 5.6 mm

Chain 7x43

L = 3 links + shackle 0.55 t

A-S and A-SV

7 and 8.2 mm

69023

1 pc.

	Description	Packaging unit	Article no.	For chain
Fastening set pewag servostar				'
1 W 2 W	1 Spacers and screws	2 pc. per version	92235	RSC, RSC X
	2 17 mm adapter Set	2 pc.	92237	RSC, RSC X
	2 19 mm adapter Set	2 pc.	92240	RSC, RSC X
	2 21 / 22 mm adapter Set	2 pc.	92241	RSC, RSC X
Adjusting set pewag servostar				
	Adjusting set	4 pc.	92242	RSC, RSC X

Adjusting wrenches pewag servostar



Adjusting wrenches 1 pc. per version 92243 RSC, RSC X

pewag gloves



Gloves S	1 pair	43916	
Gloves M	1 pair	43914	
Gloves L	1 pair	43913	
Gloves XL	1 pair	43919	



Technical information

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Innovation technology

Thanks to the daily challenge of developing constantly, pewag reveals numerous improvements which are secured by property rights.

snox®-technology

pewag snox: World's most convenient snow chains

pewag snox is the first chain system without connecting elements. The tensioning system acts fully automatically and regulates the optimum tension of the chain as if by magic.

servo-technology

pewag snow chains are clever

Tensioning systems for snow chains have to get more convenient: This was pewag's main goal when developing the latest generation of automatic ratchets. The key objective was to make mounting the chains easier by enhancing the tensioning system. To improve performance and user friendliness, pewag uses the new servo-technology as first manufacturer in the world.

starwave®-technology

pewag snow chains with groove profile links



Thanks to the special starwave® groove profile, a larger, case-hardened surface of the chain link is reached, resulting in improved grip and a longer lifespan for the chain.



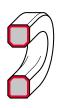
starmove®-technology

pewag snow chains with angled chain links

With the pewag starmove® technology, chain links are arranged at a 45-degree angle. As opposed to standard chains, this allows every chain link to be in direct contact with the surface, improving traction and again extending the lifespan.

Square grip links

pewag snow chains with square grip links



Square grip links intertwine and prohibit the chain from twisting when exposed to pressure and provide optimum drive and brake performance because they "bite" into the snow. Chains that do not have these distinct edges inside do not offer this advantage.

Asymmetrical pattern-style chains

pewag asymmetrical pattern-style chains run smoother and provide better traction





The chain track shows that the distances between the chains A1 are considerably closer with the Asymmetrical patternstyle

chain compared to the similar built H-pattern-style chain with the distance A2. The center section of the H-patternstyle chain serves exclusively to keep the vehicle on track. The asymmetrical pattern in contrast contributes not only to keeping the vehicle on track, but also improving brake and drive performance. Consequently, the asymmetrical patternstyle chain runs smoother and provides better traction. pewag, the first producer of chains in asymmetrical design worldwide.

TitanGrip®



pewag special alloy

Snow chains marked with the TitanGrip® trademark are made from a special high-grade alloy steel. The combination of titanium and boron steel in conjunction with a sophisticated heat treatment process provides maximum wear resistance.



Warranty

pewag warranty conditions

pewag Schneeketten GmbH, Gaslaternenweg 4, 8041 Graz, grants end customers this manufacturer guarantee in addition to the statutory warranty against the retailer. This applies without prejudice to the legally binding liability regulations, such as, for example, product liability law. Within the scope of this warranty we guarantee that our products are free from material, manufacturing and construction defects. The main factor here is the state of scientific and technical knowledge at the time the product was manufactured. This warranty lasts for 3 years from the date of purchase from the retailer. We declare that our products were manufactured following the strict directives of ISO 9001.

- For this warranty to be valid, the product must be assembled and maintained correctly according to the assembly instructions accompanying the product and the related warning messages, as well as the vehicle operation manual.
- 2. The following are not covered by this warranty
- a) Natural wear.
- b) Damage or defects caused by improper use or handling, by changes or interference to the product or through the use of parts which are not original pewag parts.
- c) Faults which were not present at the time of purchase.
- 3. The vehicle upon which the product will be used must be in perfect technical condition.
- This warranty only covers the product itself. Any possible consequential damage of any nature is not covered by this warranty.
- 5. The rights under this warranty can be awarded to the customer through a written indication of fault within the terms of the warranty period directed to the retailer from whom the product was purchased, along with all details necessary for the proof of claim, such as technical details, proof of the date of purchase, exact sequence and circumstances of events, etc. The customer must indicate the fault within two months of recognising it or when the customer should have recognised it. It is the customer's responsibility to prove that the warranty is still valid (for example by producing the receipt of purchase). pewag is entitled where appropriate to determine the beginning of the warranty period according to the date of manufacture. In order to check the warranty claim, the complete product with all faulty parts should be returned to us free of charge.
- 6. In the case of a justified claim covered by our warranty, we reserve the right to repair or exchange the product. Cash refund is not possible. In an exchange, the old product will be replaced free of charge by a new product of the same type, value and style. If the affected product is no longer manufactured at the time of the claim, pewag is entitled to issue a similar product.
- 7. Austrian law is applicable to this warranty. The place of fulfilment of the duties of this warranty for both parts is the manufacturing location. As far as is permissible, the place of jurisdiction is Graz, Austria.

Snow chain advice

Tips and tricks for the right use

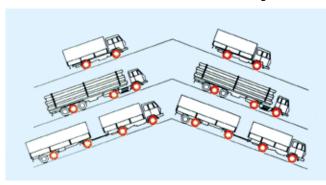
- Please check if there are specifications or recommendations for the use of snow chains for your vehicle (instruction manual, dealer information).
- Please make yourself familiar with the chains before you need them. Read the mounting instructions carefully and learn how to use the new chain with a mounting test on dry ground.
- Mount the chain when the road is snow covered, icy or if snow chains are mandatory – this is also true for 4x4 vehicles – to avoid getting stuck, interfere with traffic or even endangering yourself
- Always mount the chain on the drive axle (instruction manual!).
 For 4x4 vehicles please consider the recommendation of the manufacturer.
- After around 50 meters please check for the correct chain tension and its fit on the tire – retensioning or correct if necessary.
- Retensioning the chain if it starts hitting the wheel well. Please be careful: Too high chain tension can lead to tire damage, wheels spinning and increased wear.
- The road performance of your vehicle changes with snow chains (especially on bare pavement)! Please do not go faster than 50 km/h – on bare pavement and slow down accordingly!
- Demount the chain as soon as the road conditions improve to avoid unnecessary wear.
- Check the wear condition of the chains regularly. By reversing the chain you can double the life span and increase its life.
 Chains, the links of which are worn down to more than half of their diameter are not safe to operate anymore.
- For vehicles with heavy use (buses, transporters, cabs) we recommend the use of strengthened snow chains (A-S, A-SV).
- We use the standard tire sizes, which are specified for tire
 manufacturing by the ETRTO (European Tire and Rim Technical
 Organisation), to determine our chain sizes. For the correct
 fit of the chain on the tire, the tire must also be mounted
 on the correct rim (consider the size specifications of the
 manufacturer); different rim sizes can affect the fit. Extremely
 worn or retreaded tires can also affect the fit negatively.

Attention: In any case consider the enclosed operating and mounting instructions of the chain as well as the warnings!

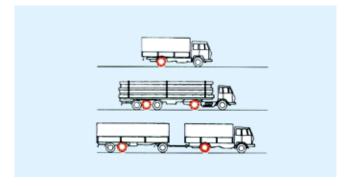
The right chain use

Guidelines for utility vehicle chains

Driving in the mountains – especially driving down-hill – one additional chain should be mounted on the steering axle.



Chains have to be put on the drive axle and the penultimate axle of the trailer.

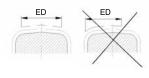


Reversing of ED-chains

For optimum utilization

To utilize the wear volume of snow- and offroad chains in an optimum way, it is necessary to reverse the chains. Chains in "ED" version have welded bars to increase the wear volume. When reversing chains in "ED" design, please consider the following points:

The chains have to be mounted on the tire in a way that allows for the "ED"-area to be in the middle of the running tread of the tire. This can be achieved by extending or shortening of the inside chain.



The chain may be used until 60% of the welded bars are worn. This should be measured at the "ED" links which are on the edge of the running mesh

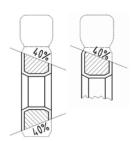


Once the wear state of the chain is reached they have to be changed on the vehicle:
The right chain is mounted on the left side of the

The right chain is mounted on the left side of the vehicle and the left chain on the right side. This way, the diagonally worn wear bars are used in an optimal way.



The chains can only be used until all wear bars are worn completely. If the "ED"-bars in the middle of the running mesh are completely worn and the chain links up to 40% then you can reverse the chain. Single remains of "ED" bars on the edge of the running mesh have to be grinded-down before reversing the chain to avoid damage to the tires.



The reversed chains can be used until the other link side shows around 40% wear. From this point the chains are not safe to operate anymore.

F-design chains are reversed the same way as ED chains.

Possibilities of adjustment

Achieve a longer life span of the chain

- pewag starmove, pewag starmove F
- pewag uniradial, uniradial SED
- pewag starmove erzberg, pewag starmove erzberg F
- · pewag erzberg ED
- pewag starmove pro, pewag starmove pro F
- pewag universal, pewag universal ED





To increase the life span of the hain it is crucial to fit the chain to the tire in an optimal way. This can be achieved by shortening the side chains at the clevises. The number of clevises depends on the chain type and its size. When closing the clevis the pin



has to be closed again tightly. Futhermore we recommend to change the chain from one tire to the other after half of its expected life span to achieve a more constant wear.

Shortening of the side chains:

The chain is shortened evenly at the clevises (see arrows). At each clevis the approximate same number of chain links should be hung back.

Attention: Asymmetrical shortening can lead to shifting of the chain!

Chain sizes tire dimensions

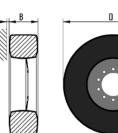
Valid norm sizes and norm rims of the manufacturers

All tire specifications are standardized with the valid norm sizes and norm rims according to DIN and ETRTO (European Tire and Rim Technical Organisation) at the day of production. For retreaded tires and twin tires with non-standard rim distance the fit of the chain cannot be guaranteed. Please check if there are restrictions or recommendations (according to the technica operating manual of the vehicle manufacturer) for the use of snow chains.

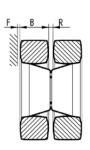
For tires of haul vehicles (EM-tires) there are different depths in the profile of the running tread (L2, L3, L4, L5). L5-tires, for example, are bigger on the diameter and need a larger, in the running tread longer, chain. Thus the profile section must be considered in this case. In case of doubt we ask you to measure the tire: Diameter and tire width.

This price list contains chain types and sizes of the most popular tire dimensions. It is impossible for us to list all tire sizes of all international brands, especially special vehicles like industry and construction-site vehicles. Generally we can also deliver suitable chains for many tire sizes which are not listed, if you can provide us with the tire brand and type and the exact size specifications or the tire measurements.

Attention when ordering!
Snow chains for less popular or special tires: When ordering chains for tire dimensions, which are not in this list, please give us the following information: D, B and F.



Twin chains with a big tire distance or rare tires: If the distance R between twin tires is abnormally large, then the usual twin chains according to the list might not fit anymore. In this case, please indicate the distance R when ordering. When ordering chains for dimensions which are not mentioned in the list please indicate following measures: D, B, F and R.



Dimension specifications

Tires are labeled in a standardized way

Passenger car tires

normally metric

metric, i.e.: 195/65 R14

For passenger cars labels without width are not used anymore,

i.e.: 165 R13 = 165/80 R13



195 tire-width in mm

cross section ratio (The height is 65 % of the

tire width

R sign for radial tires (belted tires)

14 rim diameter (inch-code)

90 load capacity key figure "90" means, that the tire can be loaded with a maximum weight of 600 kg

T speed-sign for the allowed

maximum speed:

 $\begin{array}{lll} Q = 160 \text{ km/h} & R = 170 \text{ km/h} \\ S = 180 \text{ km/h} & T = 190 \text{ km/h} \\ H = 210 \text{ km/h} & V = 240 \text{ km/h} \\ W = 270 \text{ km/h} & Y = 300 \text{ km/h} \end{array}$

M&S mud and snow

4x4 and light truck chains

numerical, i.e.: 9 R15LT

high flotation, i.e.: 30 x 9.50 R15LT

metric, i.e.: 235/75 R15

Truck chains

Labels mostly metric,

i.e.: 315/80 R22.5 or also numerical, i.e.: 12.00 R20

Offroad tires

Labels mostly metric,

i.e.: 380/85 R28 or also numerical, i.e.: 14.9 R28



Attention:

14.9/13 R28 = 14.9 R28 > "13" will not be indicated anymore. Often there are both metric and numerical specifications on the tires. Although the circumference of Poth dimensions is the same, the width is different. In this case please indicate both dimensions or talk to the chain manufacturer to make sure you receive the right chain size. Industrial tires differ in their dimensions from tires with an ASdesign. Thus the different classifications of the offroad chains need to be revised and discussed with the chain manufacturer if necessary.

EM-tires (tires for hauling vehicles)

EM-tires are available in different profile depths: L2 (normal) to L5 (very deep). Depending on the profile depth the tire diameter changes as well. In this case please talk to the chain manufacturer to make sure you receive the right chain.

M1 (passenger cars, campers, vans up to 9 seats), N1 (vehicles up to 3,5 t), O1 (trailers up to 750 kg), O2 (trailers up to 3,5 t) and offer at least minimum traction if used according to the regulations.

ÖNORM V5119 defines the requirements and test instructions for snow chains which can be mounted on the wheels of trucks, semi trucks, omnibuses and trailers and offer at least minimum traction if used according to the regulations.

Passenger car (M1):

Winter tires 1.11. – 15.4. – Wintry conditions

Carry snow chains in the vehicle 1.11. – 15.4. – Obligation for snow chains on summer tires

Omnibus (M2, M3):

Winter tires 1.11. – 15.4.

Carry snow chains in the vehicle 1.11.-15.4.

Truck:

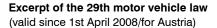
Winter tires 1.11, bis 15.4.

Carry snow chains in the vehicle 1.11. bis 15.4.

Before you travel to European countries by car, please inform yourself either in your country's car club or on the relevant websites of the respective country for the latest information.

* Corresponds to the legal situation at the time of the catalog printing (April 2021)

Legal obligations*



Passenger Car: Vehicles of categories M1 and N1 must have winter tires on each wheel at wintry road conditions. If summer tires are used you must have snow chains on two driving wheels if the road is covered with snow or ice.

Truck: This does not apply to vehicles on which snow chains cannot be mounted due to the construction of the vehicle and for vehicles of categories M2 and M3 which are used in line operation.

If a road in Austria can only be used with snow chains (marked by a road sign) the snow chain must comply to ÖNORM V5117 resp. V5119.

Snow chains or starting aids which only comply to ÖNORM V5121 must not be used according to the law!

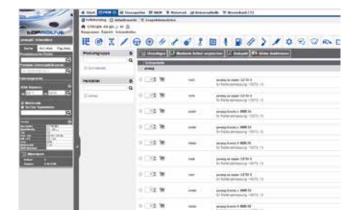
ÖNORM V5117 defines the requirements and test instructions for snow chains which can be mounted on vehicles of categories M1 (passenger cars, campers, vans up to 9 seats), N1 (vehicles up to 3.5 t), O1 (trailers up to 750 kg), O2 (trailers up to 3.5 t) and offer at least minimum traction if used according to the regulations.

EN 16662-1 is the new European standard which was accepted in 2020, but is still not introduced in all European countries. It defines the requirements and test instructions for snow chains which can be mounted on vehicles of cate-gories

DVSE TecCat

Also use the pewag snow chain data for your electronic parts catalogue!

pewag is listed in all DVSE TecDoc applications as a data supplier for snow chains for passenger cars, 4x4s, SUVs and now also for commercial vehicles. Customers either use the vehicle-referenced search on the basis of passenger car models (new feature!) or the universal part search (tire dimension) to find the right pewag snow chain for their vehicle, place it in the shopping basket and complete the purchase via your online catalogue.





pewag snow chain configurator

The pewag snow chain configurator for the right chain

The pewag snow chain configurator helps you find the right chain for your vehicle or tire dimension.

Please read the following information carefully: The assignment of a chain to a certain vehicle is a recommendation only, based on the manufacturer's data for the vehicle and our practical experience. You may find that your tire dimension is not available for the selected vehicle. This may have several

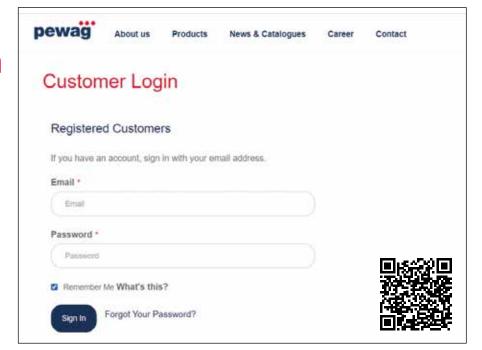


reasons: for instance, the manufacturer may not have released the product or the wheel dimensions are too tight for mounting a chain. Please refer to our vehicle list for an overview of the most common vehicles in Europe. If you can't locate your vehicle, this does not mean that there isn't a chain available for it!

Dealer login www.pewag.com

The snow chain online service for partner dealers

The dealer login allows you to obtain information on availability 24 hours a day, to place orders online and to check the status of your order, free of charge. You do not know your personal access data? Simply request your username and password from: schneeketten@pewag.com



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