

# Products for the defence and security sector

Traction and industrial chains






# Content

## pewag – your partner for military applications


For many years pewag has been a leading supplier for numerous military forces. Now as a technology leader we offer innovative, reliable and proven solutions for the most difficult applications.

Content	3
<b>pewag group</b>	
Welcome to the pewag group	4-5
History, quality management	6
Business areas, enviroment	7
Locations	8
pewag online	9
<b>Traction chains</b>	
Traction chains	10-17
<b>Industrial chains</b>	
Industrial chains	18-21
<b>Load lashing systems</b>	
Load lashing systems	22-25
<b>Lifting systems</b>	
Lifting systems	26-31


# Legende



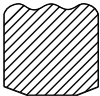
ÖNORM  
V 5119




Special alloy



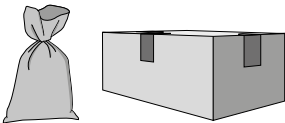
Light and long-lashing  
snow chains



Corrugated  
profile links



MVX-7 hook



Chain packaging

Technical changes and misprints are subject to alteration.

# 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

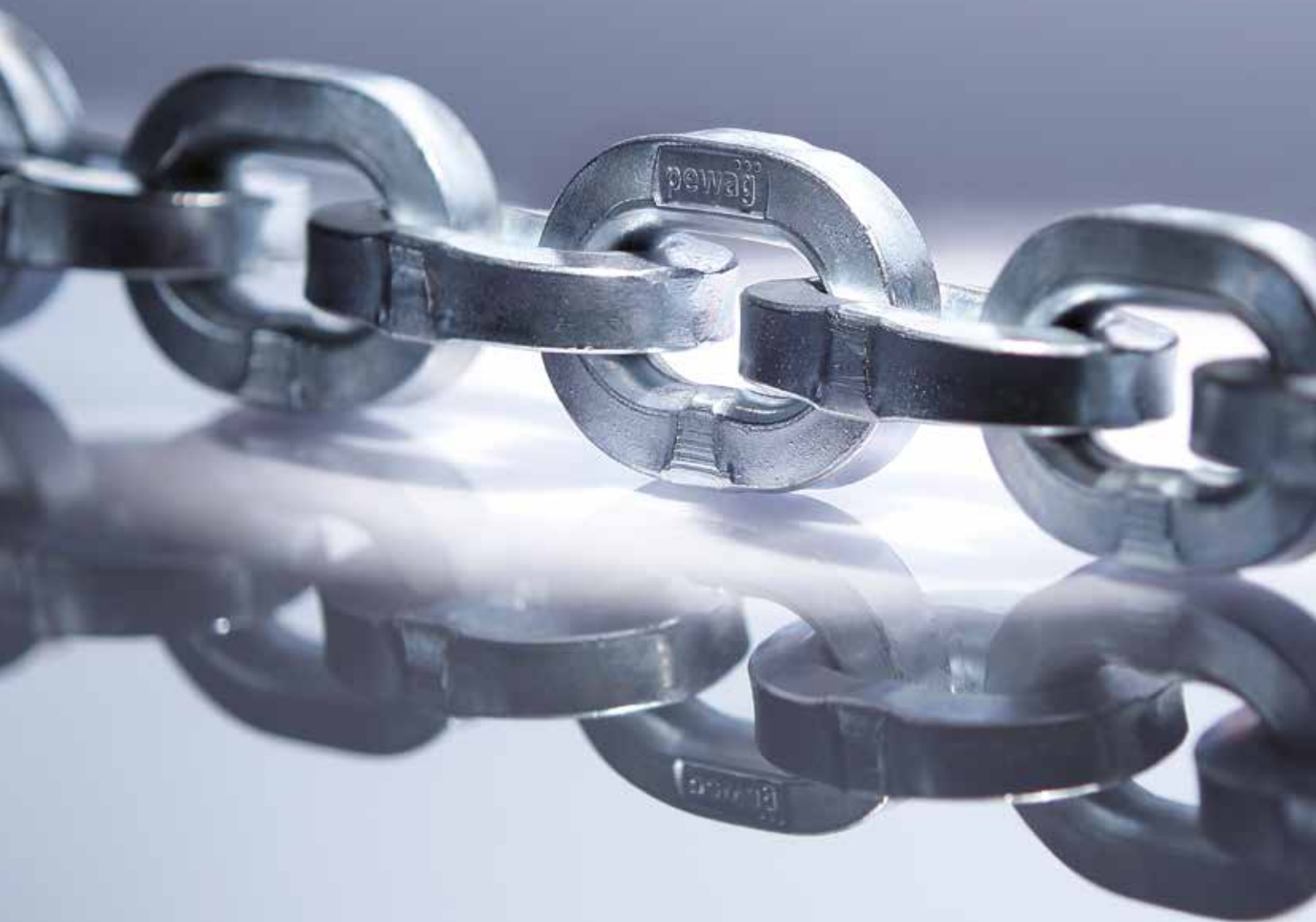
In all our processes we use due diligent business practices and efficiency and strive to improve these continuously.

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.



We are a modern group of companies which looks back to a tradition and experience of more than 500 years. Since our founding years, a lot has changed, but the values that made our success possible from the beginning remain.

**pewag group –  
Innovation. Quality. Partnership.**



# History of the pewag group

## Advantage through tradition

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.

### Timetable of important events

- 1479** First documented references of a forging plant in Brückl
- 1787** Foundation of a chain forge in Kapfenberg
- 1803** Foundation of a chain forge in Graz
- 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
- 1999** Acquisition of the Weissenfels Group
- 2003** Separation from the Weissenfels Group
- 2005** Reorganization into 2 groups:  
Schneeketten Beteiligungs AG Group – Snow Chains  
pewag austria GmbH Group – Technical Chains
- 2009** Acquisition of Chaineries Limousines S.A.S.
- 2012** Foundation of the first manufacturing company  
in the USA
- 2013** Foundation of various international sales companies



Lithography forging plant Brückl 1855



Anchor chain forge 1878



Chain forgers 1956

# Quality management

## Our main goal is customer satisfaction.

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

### Market-oriented Quality

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 or the environment.

### Economic Quality

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

### Quality Responsibility

Stringent demands are placed on all employees to ensure 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.

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

### 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.



## Business areas

### 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 and accessories



**Segment G**  
Tire protection chains

## Environment – we take responsibility

### 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 13 production and 36 sales and other locations on all five continents, pewag documented its claim as one of the world's leading chain manufacturers.

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

## Production and sales locations

### Europe

Austria	pewag austria GmbH, Graz pewag austria GmbH, Kapfenberg pewag Schneeketten GmbH & Co KG, Graz pewag Schneeketten GmbH & Co KG, Brückl pewag engineering GmbH, Kapfenberg pewag austria Vertriebsgesellschaft mbH, Graz pewag Ketten GmbH, Klagenfurt pewag International GmbH, Klagenfurt
Germany	pewag Deutschland GmbH, Unna pewag Schneeketten Deutschland GmbH, Unna
France	pewag France SAS, Echirolles/Grenoble Chaineries Limousines SAS, Bellac
Italy	pewag italia srl, Andrian Acciaierie Valcanale srl, Tarvisio
Croatia	pewag d.o.o., Kroatien, Zagreb
The Netherlands	pewag nederland BV, Hillegom APEX International BV, Hillegom APEX Automotive BV, Hillegom
Poland	pewag polska Sp z o.o., Buczkowice
Portugal	pewag Portugal - Comercio de Produtos e Equipamentos Industriais, Lda, Santo Antão do Tojal
Russia	OOO "PEWAG", Moscow
Sweden	pewag sweden AB, Emmaboda
Slovakia	pewag slovakia sro, Nitra
Czech Republic	pewag Czech sro, Vamberk pewag Snow Chains sro, Vamberk pewag sro, Vamberk pewag Czech sro, Česká Třebová KOMAP Dědov sro, Dědov KOMAP Dědov sro, Chrudim

### Europe

Ukraine	TOV pewag Ukraine GmbH, Lviv
---------	------------------------------

### North America

USA	pewag Inc, Bolingbrook, Illinois pewag Inc, Rocklin, California pewag Traction Chain Inc, Pueblo, Colorado
Mexico	pewag Mexico SA de CV, Mexico

### South America

Brazil	pewag Brasil Comércio de Correntes Ltda., São Paulo
--------	---

### Africa

South Africa	pewag chain south africa (pty) ltd., Rivonia HVM Engineering (Pty) Ltd, Houghton Johannesburg
--------------	---

### Australia

Australia	pewag australia Pty Limited, Barrack Heights
-----------	--

### Asia

India	pewag India Private Limited, Bangalore
-------	--



pewag group presents  
itself on the internet. More ...  
[www.pewag-group.com](http://www.pewag-group.com)  
[www.pewag.com](http://www.pewag.com)

**pewag group –  
Innovation. Quality. Partnership.**



## Traction chains

pewag traction chains for military vehicles	12
Product overview traction chains	13–17





# Traction chains

## Product overview



Professional.  
Economical. Safe.

**pewag traction chains for  
military vehicles.**  
**Innovative solutions for  
varying challenges.**

The traction chain product range made of special alloy steel, combined with wear bars, offers improved wear resistance and service life, as well as outstanding driving characteristics allowing the vehicle to be driven at higher speeds. pewag traction chains guarantee security and reliability even in the most severe conditions. The lower chain weight ensures easy handling and storage.

Our products are the preferred brand of NATO and other countries and are listed with NATO stock numbers.

In co-operation with the leading manufacturers of military vehicles, pewag is also engaged in customizing traction solutions that will meet your specific requirements.



Picture: Bundesheer/Gerhard Simander





## pewag cervino

### The standard chain for medium-duty military vehicle use.

pewag cervino is the approved allround-model: Due to its light, but still tough design it is recommended especially for delivery vans and light trucks.

#### Product description

The proven and popular pewag cervino is the standard chain for medium military duty use. The light weight of the chain allows it to be mounted easily, nevertheless providing perfect traction.

pewag cervino is produced in different link diameters (4.5, 5.6 and 7.0 mm), depending on the chain size. To cope with the pressure of bigger vehicles and tires, pewag relies on welded rings in 7 mm and in other diameters on side hooks to link the running mesh to the side chains.



## pewag austro super reinforced

### Strengthened model – with new wave profile. Chain for heavy military duty use.

pewag austro super reinforced is the right choice for professional off-road use. This proven chain was developed further by pewag and now has the innovative wave profile for increased traction.

#### Product description

pewag austro super reinforced is the big brother of the popular austro super. This chain is made from TitanGrip® in different link diameters (5.6, 7.0 and 8.2 mm), depending on the chain size. Welded rings connect the chain mesh to the side chain and therefore guarantee a long life span and high resistance.

The latest innovation of pewag's engineers – chain links with wave profile (from 5.6 mm) – improves the traction of pewag austro super reinforced and allows for a longer life span of the chain.

pewag austro super reinforced differs from pewag austro super in the material diameter. While the A 97 S for example has 7.0 mm square links, the A 97 SV has 8.2 mm square links. Therefore pewag austro super reinforced is very suitable for extreme off-road use.



## pewag universal<sup>ED</sup>

### Strengthened version. The chain for high demands.

The reinforced version of the popular pewag universal chain has welded wear bars added to the chain links providing resistance and durability even in the toughest environment.

#### Product description

The strengthened version of the pewag universal was designed specifically for heavy-duty use.

Additional wear bars made of square steel are welded to each link in the chain mesh to significantly increase both grip and durability of the chain. If these parts are worn-out, the chain can be reversed (like every pewag chain) and kept being used.

pewag universal ED is made of TitanGrip® material and is, depending on the vehicle and range of use, available in different material diameters between 5.6 mm and 12 mm.

For wide-base tires, pewag offers a version with a staggered chain mesh. The wider chain mesh provides a higher wear resistance, longer life span and smoother running.



## pewag uniradial<sup>SED</sup>

### Strengthened version. The chain for extreme demands.

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

#### Product description

The strengthened version of pewag uniradial, is especially manufactured for extreme use in any terrain.

Each recumbent link of the chain mesh has wear bars out of rectangular steel attached. Furthermore, additional wear elements are welded onto those parts of the chain that are exposed to extreme pressure. By using this design the grip and life span of the chain are increased notably. If the additional wear elements are worn-out, the chain can be reversed (like every pewag chain) and kept being used.

pewag uniradial SED is made out of TitanGrip® steel and is available in material thicknesses 5.6 and 7 mm, depending on the vehicle and range of use.



## pewag unimove<sup>TT</sup>

### Brand new technology ThickThin®. The professional chain for heavy-duty use.

pewag sets a benchmark with the new and innovative ThickThin® technology. TT (ThickThin®) stands for the new pewag technology to manufacture chains using various link shapes and diameters. By using this technology the new generation of pewag unimove is up to 10 % lighter than its predecessor.

#### Product description

pewag unimove TT is the first chain type worldwide, which unites different link shapes in one chain mesh. The projecting link has a wave profile with a material thickness of 8.2 mm; due to this wave shape the grip on snow-covered, icy ground and muddy surfaces is improved. The profile of the recumbent link is rectangular in material thickness 6.5 mm; due to this small cross-section the weight is reduced without influencing its running characteristics.



## pewag erzberg<sup>ED</sup>

### An even stronger piece of equipment. Chain for extreme professional use on heavy vehicles.

pewag recommends pewag erzberg ED for extreme military use on all surfaces.

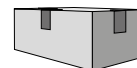
#### Product description

pewag erzberg ED has a tight chain mesh with robust forged rings with additional welded wear bars. The forged closing hooks ensure a smooth ride and provide reliability and easy handling even under the toughest conditions.

For extreme heavy-duty use pewag recommends pewag erzberg ED for military use in any terrain.

pewag erzberg ED is – depending on the chain size – available in material diameters 8.2, 10 and 12 mm. The use of the special steel TitanGrip® increases the life span.

TITAN Grip®



**pewag austro<sup>ST</sup>**

## Professional chain for medium to heavy duty use.

### Product description

This net-style chain in track design is the perfect model for military vehicles with medium to heavy duty use. The square-link chain net made of non-aging nickel-manganese alloy fine grained high-grade steel combined with a special heat treatment is designed to provide a perfect fit between links which reduces twisting of the chains and provides excellent traction. Additional pressed-on links with welded wear-bars increase the lifetime of the chain significantly. The special chain design ensures a smooth ride even at higher speeds.



**pewag radial spur<sup>SED</sup>**

## Profi net chain for extreme use with heavy duty vehicles.

### Product description

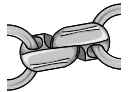
This round-link chain made of non-aging nickel-manganese alloy fine grained high-grade steel combined with a special heat treatment is the perfect model for extreme off-road applications. The chain net made of round link chain and pressed-on links combined with wear bars increase the lifespan of the chain. The special track design allows the chain to be driven also at very high speed, nevertheless offering smooth running. The drop-forged closing hook MVX-7 in the tread net provides easy handling and reliable function even under most difficult conditions.





**pewag radial zweispur<sup>SED</sup>****Net chain for extreme off-road use.****Product description**

This round-link chain with a staggered hexagonal chain net made of non-aging nickel-manganese alloy fine grained high-grade steel was specifically developed for heavy military vehicles driving on metalled roads as well as off-road. The dense and compact tread net is made of round-steel chain links combined with wear bars to guarantee improved wear resistance, a longer lifespan and outstanding handling characteristics even at higher speeds. The closing hook in the tread net maintains its function due to its special design when mounted loosely, even in deep snow or off-road.





**Industrial chains**

Features and benefits of pewag winner pro G12	20
Load lashing systems	22-25
Liftingsystems	26-31





# Industrial chains

## Product overview



# Features and benefits of pewag lifting chains in G12 quality

The higher Working Load Limits (WLL) of the pewag winner G12 program (50% more compared to G8 programs) allows significant weight reduction. Reducing the weight of the chain sling makes the assembly easier to use for the end-user. Additionally, the profile of the chain improves the bending resistance of the chain. This is significant when loading the chain over a corner.

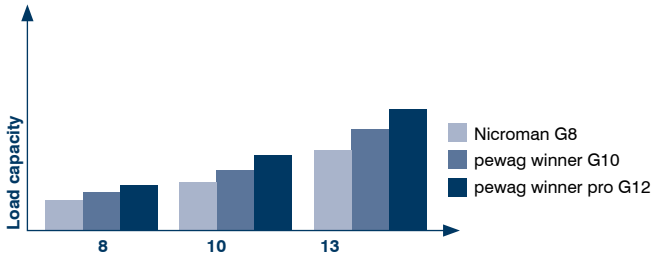
- **Intelligent profile** – because of the intelligent use of material, the major characteristics of the chain (i.e. fatigue resistance and bending resistance) were improved in a remarkable way, when you compare the same cross section of the profile chain versus the round steel chain. In order to reach the best mechanical performance, the material use was optimized on effective areas (blue area) and reduced on less relevant areas (red area)



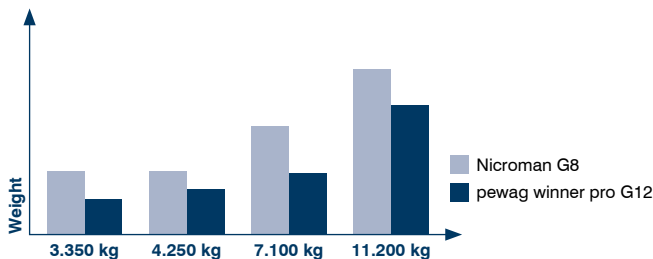
- **Optimized bending resistance:** The section modulus which is important for preventing undesirable bending deformation is up to 16% higher with the profile chain compared to round steel chain with the same cross section. Therefore the max. stress in the chain is reduced (no red areas)



- **50% higher load capacity** compared to G8, **20% higher load capacity** compared to G10



- **Obvious weight** reduction and consequently easier handling

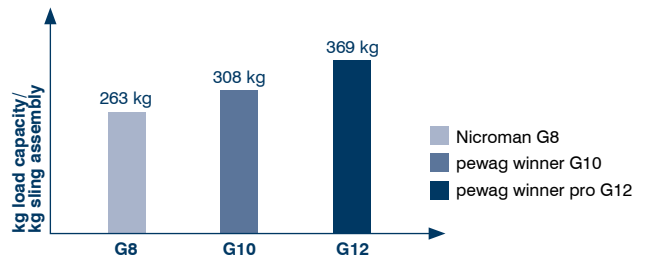


Load capacity [kg]	Previous chain weight [kg]	pewag winner pro chain weight [kg]	% Reduction
3.350	16,60	9,37	44%
4.250	16,60	11,80	29%
7.100	28,53	19,19	33%
11.200	43,61	34,10	22%

- **One dimension smaller** compared to G8 and G10 chain slings for many load ranges – thus providing excellent value.

Load capacity [kg]	Previous chain-ø	pewag winner pro chain-ø
4.250	10 mm	8 mm
7.100	13 mm	10 mm
11.200	16 mm	13 mm

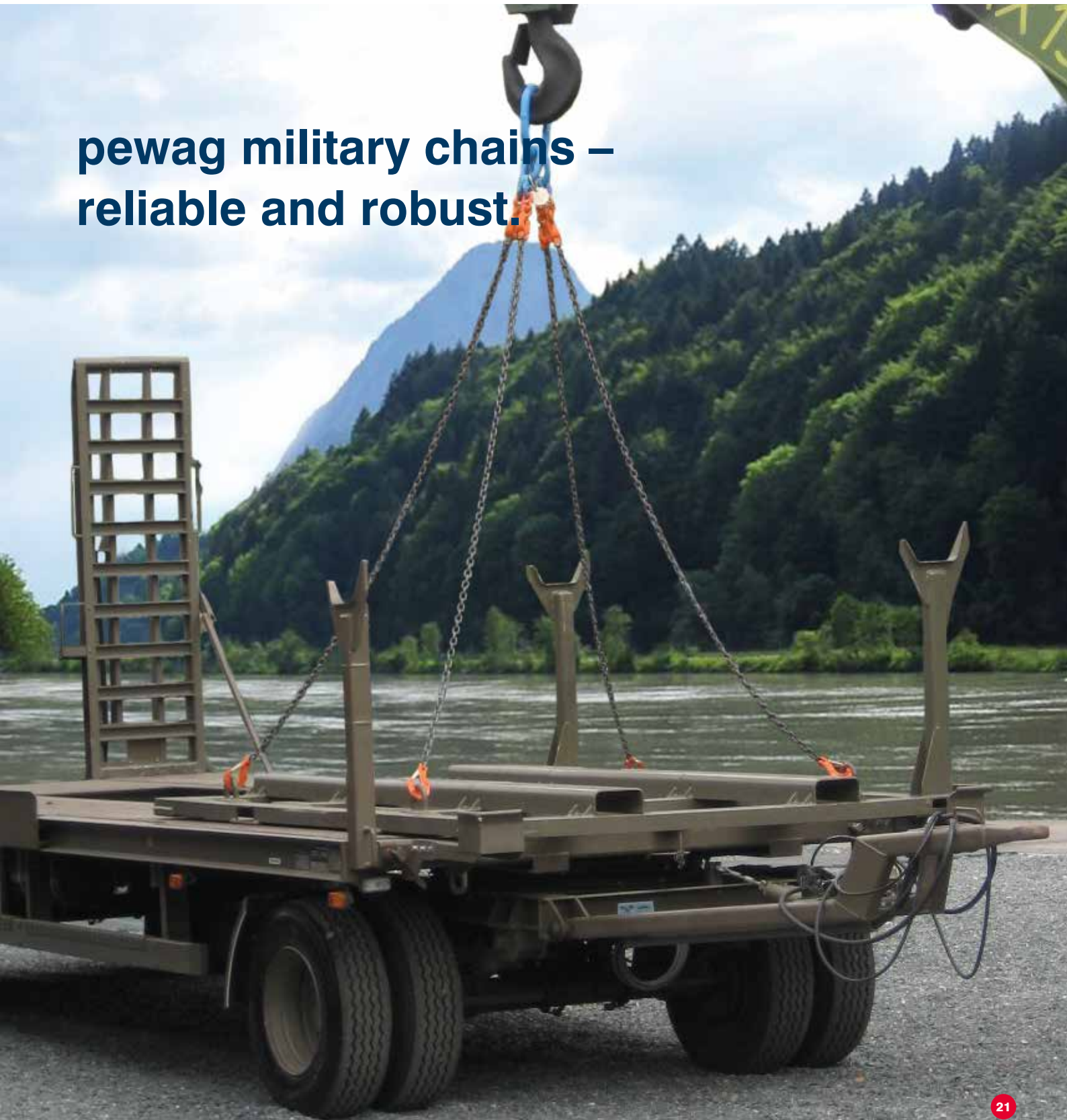
- **Patent-registered material** with optimized strength and toughness properties at both high and low temperatures
- **Weight based performance** – pewag winner pro represents the „Formula 1“ of technical chains



- **Longer lasting** due to higher wear resistance and less abrasion
- **Innovative chain system** that due to its ruggedness can be used for many applications not just for lifting or lashing
- **Complete traceability** – chains and components are stamped with an identification mark so that the whole production process can be tracked
- **Easy visual identification** due to profiled chain and G12 marking on every link
- **Corrosion protection** by means of light blue powder coating of chains and components. pewag offers as an alternative the proven coropro coating (PCP) for pewag winner pro G12 chains for a maximum corrosion protection. Please find further details in our special folder
- **Maximum security** due to novel identification tag made from stainless steel with warning notes
- **Quality approved European production** by an ISO 9001 certified company
- **Worldwide distribution network** – easy delivery of spare parts – premium service
- **Experience** – pewag is the first supplier of an innovative G12 chain system



**pewag military chains –  
reliable and robust.**



## Load lashing systems

pewag winner pro load lashing systems

24





# Load lashing systems

## Product overview





# pewag winner pro load lashing systems for load restraint applications

**Our lashing systems provide  
safe transport of equipment for  
air-, water- and land transport.**

Grade 10 chains and suspensions have a load capacity that is 25% higher than that of grade 8 chains with the same chain weight or provide the same load capacity with a lower chain weight. With our grade 12 products, we have achieved a load capacity that is up to 50% higher compared to G8. This weight reduction helps ships and airplanes obtain their optimum load capacity when transporting operations equipment.



**pewag winner<sup>PRO</sup>**

## Lashing chain ZRSWP

### Product description

pewag winner pro – single leg chain sling with shortening devices and eye sling hooks connected with mechanical connecting links. Grab hook with safety pin that keeps the chain in place during shortening applications. The unit is designed to allow the best use of chain and hooks.

Ratchet binder with optimized lever length.  
Chain length: Can be customized.



**pewag lashing chains –  
for a safe transport.**



## Lifting systems

pewag winner pro lifting system

28

Lifting points

30-31





# Lifting systems

## Product overview



# pewag winner pro G12 lifting systems

user friendliness and safety are based on clearly defined and measurable characteristics, which are incorporated in the product development and production process of our products.

Our pewag winner pro lifeline systems are particularly characterized by the higher Working Load Limits (WLL) (50% more compared to G8 programs). This results in a significant weight reduction. Reducing the weight of the chain sling makes the assembly easier to use for the end-user. Additionally, the profile of the chain improves the bending resistance of the chain. This is significant when loading the chain over a corner.



**pewag** winner<sup>PRO</sup>

## pewag winner pro chain sling

### Product description

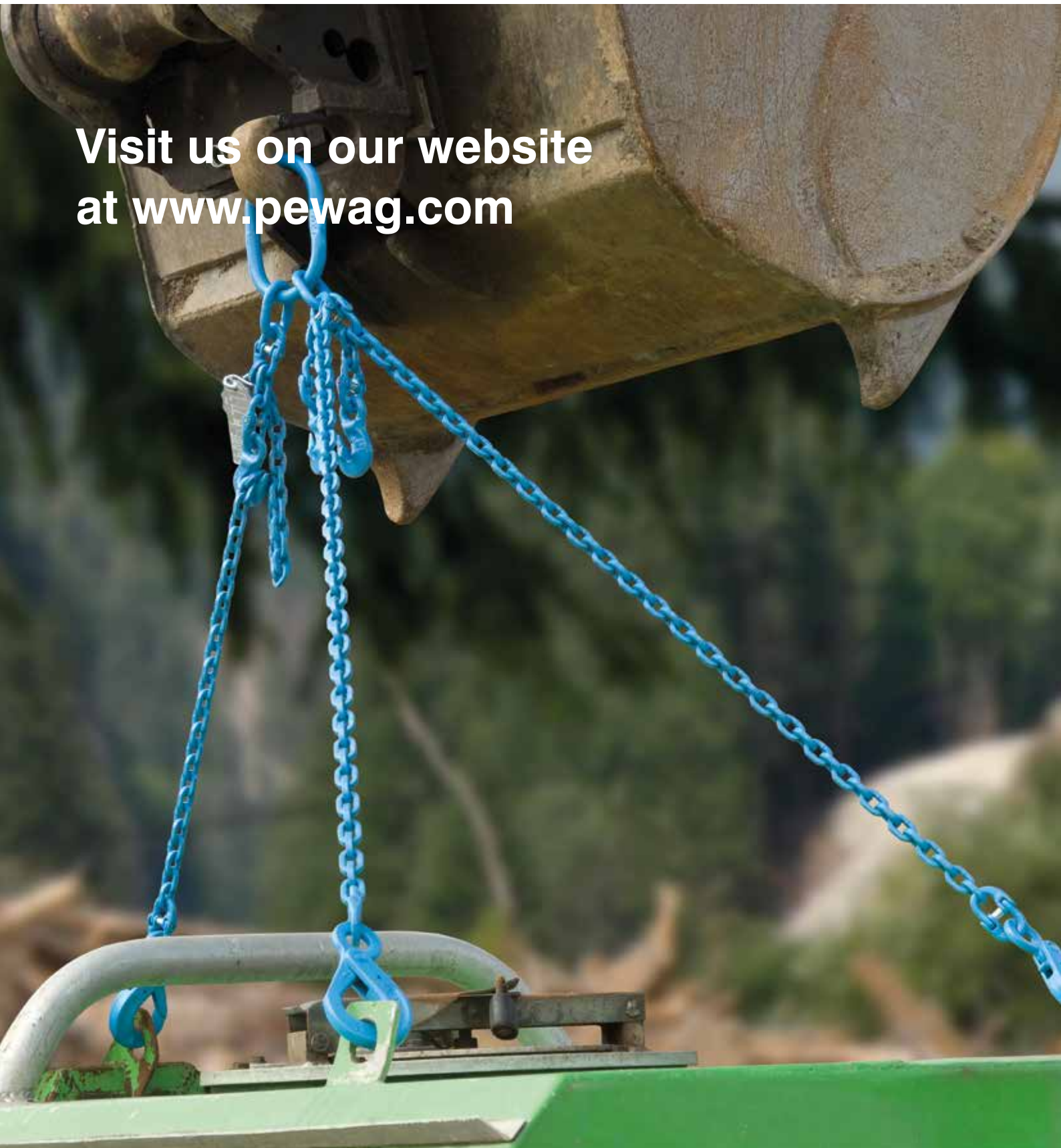
pewag winner pro - the high performance profile chain in grade 12 offers, combined with different sets and master links, hooks and other accessories, a variety of combinations and possible applications. Novel working load tags with warning information made of stainless steel material therefore increases the safety of the sling chain.

Opposite you will find an example of a finished pewag chain sling that can be commercially ordered (pewag winner pro II-leg chain sling with shortener and safety hook, assembled with connex-connecting links).



pewag – your partner for  
military applications.

**Visit us on our website  
at [www.pewag.com](http://www.pewag.com)**





# pewag profilift lifting points

The new and high quality lifting points are the ideal accessory to complement pewag's winner chain program and enhances the possibilities of its use considerably.

With this latest product-line, pewag has enhanced its growth potential. pewag winner profilift lifting points allow the entry into new applications and markets. Naturally, pewag winner profilift lifting points fulfill the highest quality standards and offer maximum safety. The introduction of pewag's first lifting points creates new dynamics for further growth. At the same time, we are working on the expansion of the lifting points product range with convenience and compatibility being major design criteria.

Safety and the joy of innovation are an integral part of the pewag brand, as it is definitely recognizable with the patented pewag winner prolift gamma anchor point. The specially developed anchor point for tool-free mounting represents a first on the world market.

By means of a pivotable flap connecting the ring and the screw, the anchor point may be screwed on or off. Furthermore it can be separated, so that the ring may rotate freely around the bolt and align itself with the direction of the load.

The pewag winner prolift gamma may be tightened by hand. It can be aligned with the load direction without the need for additional tools.

The anchor point is highly flexible when in use and is suitable for frequent mounting and dismounting, thus saving time and money.



All pewag profilift lifting points can also be used as lashing points. Thus the permissible tensile force is the duplicate of the nominal load capacity, as in case of the tie-down the 2-fold safety is valid.

You can find more information on our lifting point program in our special brochure.

**pewag<sup>®</sup> profilift**

## pewag profilift eta

### Product description

High-tensile eyebolts pewag winner profilift eta, for welding onto machine parts or vehicle bodies. Ideal for hanging of lifting and lashing parts. Due to the integrated spring, the ring will be kept in each requested position. The instructions according to DIN EN ISO 15817 are valid for the welding.



The welding may only be carried out by a welding operator with a valid qualification according to EN 287-1.

## pewag winner profilift

### pewag winner profilift alpha

#### Product description

360° rotatable lifting point. The load ring is loadable in a range of 130° and can be positioned at any required angle due to its replaceable and patented spring. Likewise interchangeable is the hexagon-special screw from grade 10.9 material, which is secured against loss. The screw is 100% crack detection tested as well as covered with a chromate VI-free protection against corrosion, and marked with the load capacity and thread size.



pewag winner profilift alpha is able to withstand a 4-fold safety against break in all directions. Each lifting point is marked with an individual serial number that allows product traceability. pewag winner profilift alpha is available with metric or UNC-thread, whereas the lifting points with metric thread are also obtainable with customized thread lengths. The table with the working load limit depending on the type of application as lifting gear, number of legs and angle of inclination is a part of the user manual and packed together with each lifting point.

### pewag winner profilift gamma

#### Product description

pewag introduces a worldwide innovation to the market: A patented tool-free pewag winner profilift lifting point. Based on the latest standards of pewag we have designed and manufactured a lifting point for tool-free anchorage, which can be tightened and aligned manually in the direction of the load.

It is 360° rotatable, contains a patented and interchangeable special screw, which is 100% crack-tested as well as covered with a chrome VI-free finish-protection against corrosion and marked with WLL and thread size. Each lifting point is marked with an individual serial number, that allows traceability. pewag winner profilift gamma is optionally also available with a UNC-thread.

The table with the load capacities depending on the different methods of lifting, number of legs and angle of inclination is a part of the user manual and packed together with each lifting point.



### pewag winner profilift beta

#### Product description

360° rotatable lifting point. The load ring is 180° movable and can be positioned at any required angle due to its replaceable and patented spring. Likewise interchangeable is the hexagon-special screw of grade 10.9 material, which is secured against loss. The screw is 100% crack-tested as well as covered with a chromate VI-free protection against corrosion, and marked with WLL and thread size. It can be tightened with a hexagon wrench or spanner wrench.



The lifting points pewag winner profilift beta are marked with an individual serial number, that allows product traceability and load capacity for the most inappropriate field of operation, which explains the increased WLL in the upright loaded position. In permissible fields of operations the lifting point corresponds to a 5-fold safety. pewag winner profilift beta is available with metric or UNC-thread, whereas the lifting points with metric thread are also obtainable with customized thread lengths. The table with the different load capacities depending on the method of lifting as lifting gear, number of legs and angle of inclination is a part of the user manual and packed together with each lifting point.

### pewag winner profilift delta

#### Product description

Ball-bearing 360° under load rotatable lifting point. High resistant lifting eye 180° movable. The special screws are 100% crack-tested as well as protected against corrosion, and marked with WLL and thread size. Each lifting point is marked with an individual serial number, that allows traceability. pewag winner profilift delta is optionally also available with special designed thread lengths. The table with the load capacities depending on the method of lifting as lifting gear, number of legs and angle of inclination is a part of the user manual and packed together with each lifting point.



The pewag winner profilift delta lifting points are marked with a WLL for the most inappropriate field of application, which explains the increased WLL in the upright loaded position, with a 4-fold safety against break in all directions of load.

**pewag Schneeketten GmbH & Co KG**

A-8041 Graz, Gaslaternenweg 4, Phone: +43 316 6070-0, Fax: +43 316 6070-100, [saleinfo@pewag.com](mailto:saleinfo@pewag.com), [www.pewag.com](http://www.pewag.com)

**pewag austria GmbH**

A-8041 Graz, Gaslaternenweg 4, Phone: +43 316 6070-0, Fax: +43 316 6070-100, [saleinfo@pewag.com](mailto:saleinfo@pewag.com), [www.pewag.com](http://www.pewag.com)

