

# LIFTING POINTS.

Short catalogue version 1 | English









The background of the entire page is a photograph of an industrial setting. In the foreground, a thick red lifting chain is attached to a metal structure. The background shows a large industrial hall with a corrugated metal ceiling and several bright, rectangular overhead lights. The overall tone is industrial and professional.

# WELCOME TO THE RUD WORLD.

## MORE THAN PRODUCTS: YOUR PARTNER FOR SOLUTIONS.

From mould making and automotive industry to the offshore sector: RUD products stand for innovation, quality, ergonomics and safety. As a dynamic, globally active company, we develop chain systems and components for a wide range of applications. And we have been doing this for 145 years. In addition, we have 40 years of experience in lifting technology and load securing, with 700 different lifting point variants for demanding requirements.

At RUD, however, you get much more than just products. We are committed to always offer you a tailor-made solution that meets your specific requirements. In addition, we support you with sophisticated consulting services and other services to make your products successful.

Welcome to RUD.

# OUR COMMITMENT: HIGHEST QUALITY, BEST CUSTOMER ORIENTATION.

Innovation, perfection and the drive to create added values for our customers: This is RUD's passion. Being a technological think tank, we repeatedly set standards for load securing and lifting technologies with our lifting and lashing systems.

Our worldwide chain production facilities are among the most modern of their kind. We employ highly qualified specialists who are never satisfied with the status quo. Our thinking is focused on fulfilling customer needs and maximum benefit for the user. The long-term partnership with our customers, their satisfaction and their trust are our focus.

## RUD. MADE IN GERMANY.

All RUD products around lifting and moving of loads have something important in common: They are developed and manufactured by us in Germany. In R&D alliances with research institutes, universities, suppliers and customers. With plenty of know-how, high creativity and state-of-the-art technology. This results in products and solutions of outstanding material quality, high robustness and exemplary ergonomics. In short: Quality made in Germany – made by RUD.





## THE WORLD IS OUR HOME.

Not only our products, but also RUD's solution and consulting expertise are available to you all over the world. This is ensured by a large number of subsidiaries, affiliated companies and RUD specialist trade partners. Satisfied users of RUD lifting and lashing solutions can also be found in almost all industrial sectors.

## TRADITION MEETS FUTURE.

Time and again, RUD is at the forefront of important developments. Much of what is now standard in lifting and lashing originated in RUD's think tank. In 1967, RUD was the first to receive the approval for quality class 5 (H1-5) and 2007 for round steel chains of the highest quality class 12 (D1-12). To simplify testing processes, for a long time we have been equipping many products with RFID transponders and offer a complete hardware and software system for efficient test management. The latest milestone: In 2019, RUD presented the first lifting point that "thinks" and can thus avoid dangerous transverse loads. And there is still a lot to do for us. Join us into the future.

# EFFICIENCY IN LIFTING AND MOVING? LET'S TALK ABOUT IT.

Production management, mechanical engineering:

**“MOVING LOADS MUST NOT ONLY BE SAFE,  
BUT ALSO COST EFFICIENT.”**

“When you move heavy and high-quality loads every single day, high cost efficiency is just as important as safety. That's why we need products that are beyond all doubt in terms of quality and that perfectly meet our high requirements. A long service life through the use of modern materials and high-quality workmanship is a very important efficiency criterion, but user friendliness is also very important to us. At the same time, we need a partner who can advise us on very specific projects and offer a tailor-made lifting solution, because sometimes only an individual solution is ultimately safe and cost-effective.”

Technical consultancy, RUD Group:

**“THE CUSTOMER BENEFIT IS ALWAYS A PRIORITY FOR US.  
AND IT IS NEVER ONE-DIMENSIONAL.”**

“At RUD, we have a clear focus: we want to meet the needs of our customers in the best possible way. Both with 'standard products' and special solutions. Our advanced material technologies such as ICE 120 and VIP 100 have set standards in many industries. This not only makes our products extremely reliable and low-wear, they are also exemplary in terms of ergonomics thanks to good ideas and clear weight advantages. The special feature: In the case of very specialised lifting or transport challenges, we support our customers with help and advice - quite literally. Our experts listen well, give detailed advice and then develop a very specific solution that perfectly suits the respective task. Whether it's about a new lifting application or the transport of very special loads.”





FIND OUT MORE ABOUT  
THE PRODUCT SOLUTIONS  
AT RUD.



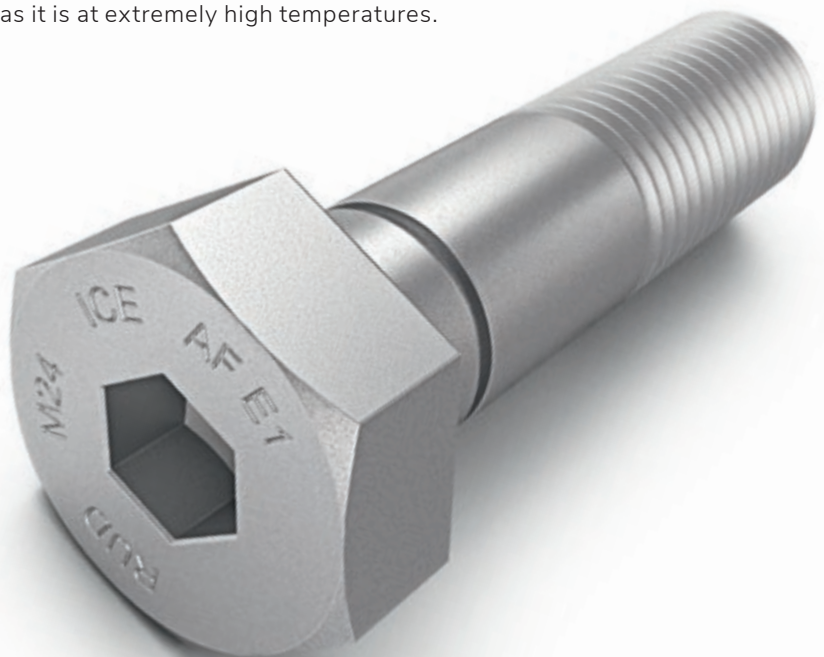
# ICE-BOLT: THE UNPARALLELED BOLT CLASS FOR LIFTING POINTS.

## FROM THE CHAIN TO THE BOLT.

When it comes to materials for lifting means or lifting points, RUD has always been one step ahead of its time. RUD's specialists developed the well-known ICE chain a few years ago. Thanks to the "Innovative Chain Evolution", an ICE lifting or lashing chain can now replace a grade 8 chain of the next larger nominal thickness. The advantage: The dead weight of the ICE pink-coloured chain is more than 30 percent lower, the working ergonomics is noticeably higher.

## HIGH SAFETY EVEN AT LOW TEMPERATURES AND EXTREMELY HIGH TEMPERATURES.

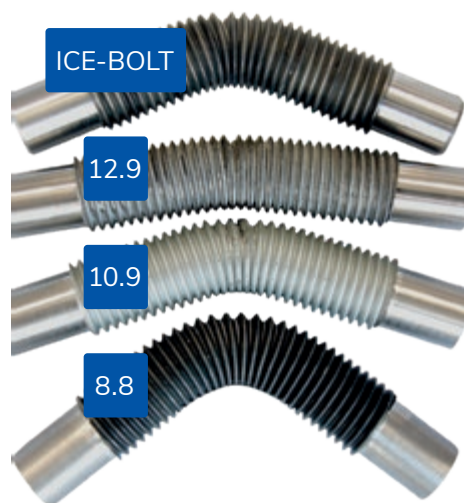
However, not only chains, but also the fastening bolts of modern screwable lifting points perform very hard work. Every day they have to withstand the highest loads. And not just in one direction, but in every conceivable one. These extreme bending and shearing forces must be safely absorbed both statically and dynamically. This is just as true at Arctic temperatures as it is at extremely high temperatures.





## THE ICE-BOLT: HIGHER WORKING LOAD LIMITS WITH SMALLER BOLT DIAMETERS.

After intensive development work, the RUD engineers succeeded in transferring the innovative ICE material to the fastening bolts of the RUD lifting points: The ICE-BOLT was born. After all, the patented fine-grained steel of the ICE chains is virtually predestined to meet the high safety requirements in lifting technology. For example, the breaking forces of M8 – M16 could be increased by 88 % compared to 8.8 bolts and by 44 % compared to 10.9 bolts. This allows an M24 ICE-BOLT to be used instead of an M30-8.8 bolt. And this with at least the same, but usually higher breaking force. In terms of bending strength, the ICE-BOLT effortlessly beats grades 10.9 and 12.9 and even approaches the values of 8.8 bolts.



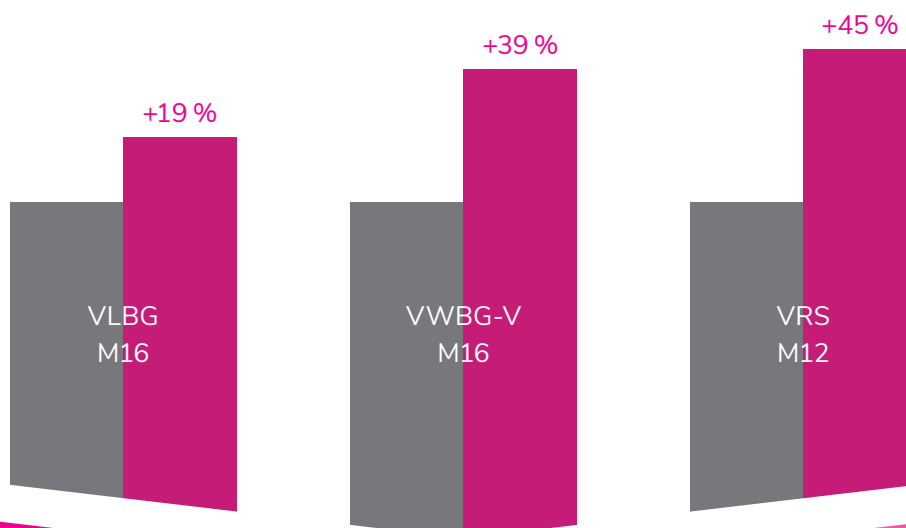
The thread of the ICE-BOLT proves itself in the prism bending test. The test shows: The ICE-BOLT masters static and dynamic loads safely.

### SAFETY MEETS ECONOMY: THE DECISIVE ADVANTAGES OF THE ICE-BOLT.

- Higher working load limits or thinner bolt diameters.
- Unmatched high safety factors.
- Incomparable low temperature resistance down to -60 °C.
- Maximum strength with particularly high toughness.
- Particularly high bending resistance at the critical transition between load absorption and load.
- Reduced wear.

**In short:** RUD lifting points with ICE bolts stand for safety – at grade 12.

### INCREASE IN THE BREAKING FORCE THANKS TO ICE-BOLT.



# SIMPLE PRODUCT CHECK WITH RFID TECHNOLOGY.

## THE RUD BLUE-ID SYSTEM: IDENTIFY. TRANSMIT. MANAGE.

From RFID transponders and readers to a documentation and management software: With the RUD BLUE-ID SYSTEM, we offer you a comfortable overall solution for testing your equipment. This noticeably relieves your daily workload and saves costs.

The wireless and safe transmission via RFID transponders makes the product identification more convenient than ever. In addition, without our reader and the software solution even documentation and management become child's play. With a single click, all RUD components equipped with RFID tags can be identified contact-free and error-free and transferred directly to the software or app for further processing of the test data. It could not be more convenient or more secure. Your entire testing process will be simpler, faster and more reliable. This gives you more time for your core business.

## THE RUD BLUE-ID SYSTEM.

- Less inspection costs, time and personnel expenditure.
- More process and legal certainty (avoidance of errors).
- Factory preset product information can be read out easily, contact-free and quickly on site.
- Clear marking and identification of the products through RFID technology.
- Offline testing possible without Internet access.
- Extremely straightforward documentation and management of test data with the cloud-based software solution AYE-D.NET.

Fitted as standard in defined RUD products.  
Can be retrofitted for many other products.



If you see this symbol next to the image of a RUD product, you know: An RFID transponder is installed here.



## THE HARDWARE. FLEXIBLE, ADAPTABLE, RESISTANT.



RFID transponders are already integrated as standard in defined RUD products. In addition, we offer you numerous possibilities to retrofit components safely and permanently with one of our transponders. Each one of them is extremely resistant and withstands even the toughest of ambient conditions such as extreme temperatures or chemically aggressive substances.



The RUD ID-POINT®.  
The press-fit version.



The RUD ID-STICKER.  
The glue version.



The RUD ID-TAG®.  
The clip version.



The RUD ID-USB READER.



The RUD ID-LINK®.  
The sagging version.



## THE SOFTWARE. POWERFUL, MODULAR, EASY TO USE.

As a combination of testing, administration and documentation software, AYE-D.NET opens up numerous possibilities in testing administration and subsequent processes. Together with our partner SYFIT, we offer you the cloud-based software tool as SaaS solution. Alternatively, you can organise the test documentation with existing databases and standard programmes such as Office applications, SAP etc.

See product data on site immediately with one click via [rud.com](http://rud.com) or the AYE-D.NET app (designation, WLL, test data etc.).

### RFID TRANSPONDER PROGRAMME

Flexible variety:  
can be pressed in, glued on,  
hooked in or bent in.

### USB READER

For contactless and  
secure reading  
of the ID number.

### AYE-D.NET SOFTWARE SOLUTION

Cloud-based solution  
of our partner SYFIT  
for the documentation and  
maintenance of test data.














### CUSTOMER-SPECIFIC SOLUTION

Individual and flexible documentation  
and maintenance of the test data  
with customer-specific database.  
Office solution such as MS Word,  
MS Excel, SAP or a different  
programme.

























Legally compliant, time and cost-saving product test  
and test documentation.

# LIFTING POINTS FOR BOLTING.

## OVERVIEW – LIFTING POINTS FOR BOLTING.

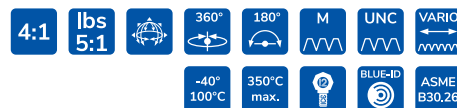
P. 14		ACP-TURNADO 1.35t–8t
P. 16		VLBG-PLUS 0.63t–20t
P. 17		PP-S/-B/-VIP 0.63t–10t
P. 18		VWBG-V/VWBG 0.3t–5t/6t–50t
P. 19		VRS-STARPOINT 0.1t–20t
P. 20		VRM-STARPOINT 0.1t–4.5t
P. 21		RS/RM 0.1t–8t
P. 22		ICE-LBG-SR 0.6t–6.7t
P. 23		WBPG 85t–250t
P. 24		VABH-B/VCGH-G 1.5t–6.7t/10t–20t
P. 25		B-ABA 1.6t–31.5t
P. 26		RBG/VRBG 3t–50t
P. 27		T-FRB/B-FRB
P. 28		INOX-STAR 0.5t–2.5t
P. 29		PSA INOX-STAR / PSA VRS-STARPOINT 1–2 people



																								
	Ideal for rotating and turning	Ball bearing mounted	Double ball bearing mounted	Safety factor	Safety factor	Able to bear load on all sides	Retaining spring	Turning range	Pivoting area/hook-in link	Metric thread	Metric fine thread	UNC inch thread	8UN inch thread	UNF inch thread	BSW – British Standard Whitworth	G – pipe inch (according to ISO 228)	Variable thread lengths	Operating temperature range <b>without</b> reduction in working load limit	Max. operation temperature <b>with</b> reduction in working load limit	Equipped with ICE-BOLT	RUD BLUE-ID SYSTEM	DGUV-approved	Certified according to DNGVL guideline	Safety standard for lifting equipment
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# ACP-TURNADO

The world's first lifting point that thinks.



RUD RFID  
CONNECT IT



## PRODUCT FEATURES

- Comprehensive range of WLL 1.35 t – 8 t.
- Up to 30 % higher working load limits (WLL).
- Unique RUD spring mechanism.
- No jamming of the lifting ring.
- No dangerous transverse loads.
- No kinks.
- ICE-BOLT combination head bolt.
- Swivels by 180°.
- Rotates by 360°.



For more information:  
[acp-turnado.com](http://acp-turnado.com)







# VLBG-PLUS

VIP Load ring for bolting PLUS.



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## PRODUCT FEATURES

- Comprehensive range of WLL 0.63 t – 20 t.
- Captive but exchangeable ICE-BOLT made out of patented steel with special corrosion protection Corrud-DT. Non-hazardous deep temperature usage; higher toughness and therefore higher bending strength as well as less wear occurrence.
- Clamping spring works as a noise reduction and holds the suspension ring in the requested position; therefore, simple hinge of lifting means possible respectively at design if turned down.
- DNVGL certification from size M30.
- Includes RUD ICE-BOLT up to size M24.

Rotating combination head  
with RUD ICE-BOLT.



Up to M24.



Rotating 360°, pivoting 180°.



Clear marking of  
the minimum WLL.  
Now 45 % higher WLL  
at an average (M8 – M30).



Clamping spring.



Unsymmetrical application of force.

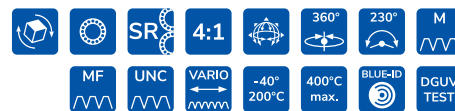


✓ Tested and certified by DGV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1651053

- The Original, now with 45 % higher WLL at an average (M8 – M30).
- Bracket adjustable in force direction.
- Comprehensive range of threads.

# PP-S / PP-B / PP-VIP

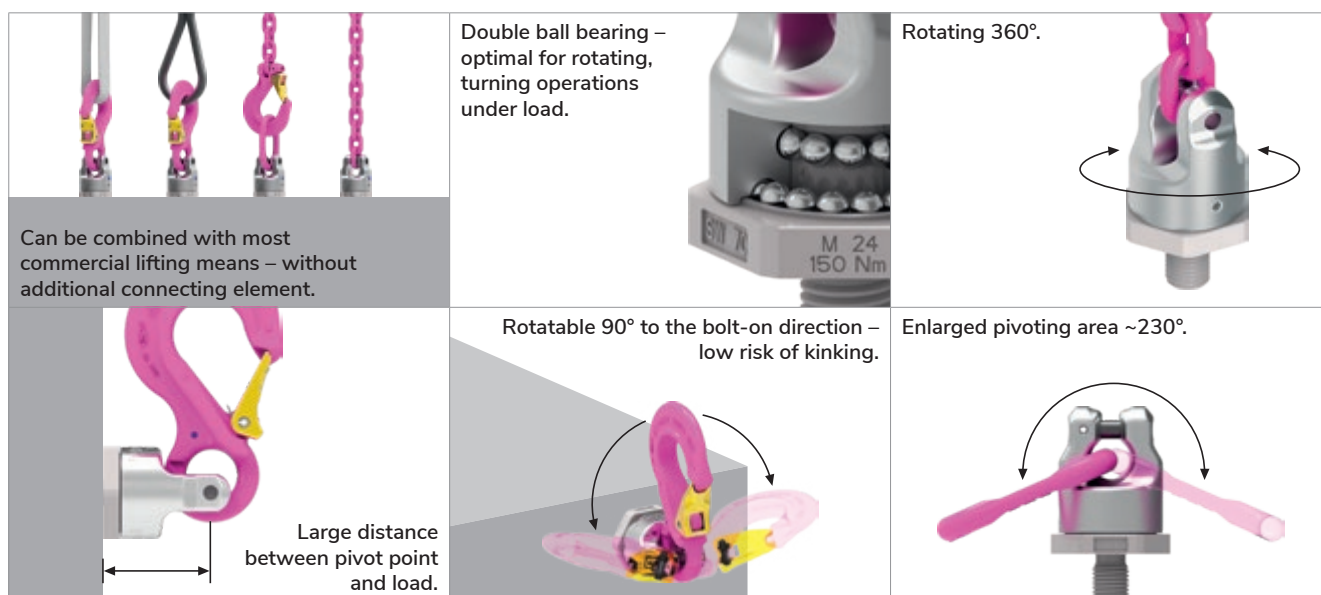


PowerPoint®-Star / -B-Ring connect /  
-VIP-chain connect.



## PRODUCT FEATURES

- Comprehensive range of WLL 0.63 t – 8 t.
- PP-S: Universal hook connection for ring assemblies, round slings, wire ropes, hook assemblies.
- PP-B: Ring connection for hook assemblies.
- PP-VIP: direct VIP-chain connection.
- So-PP-S, So-PP-B, So-PP-VIP: variable thread lengths.
- Rotatable at nominal WLL, 90° to the bolt-on direction.
- Lowest kinking possibility due to cardan joint.
- PP-VIP, So-PP-VIP: Universal and non-mix-up clevis connection for chains, hooks and eye.
- PP-S, So-PP-S: The shape of the hook tip avoids unintentional attachment into small holes and tip loading.
- Robust, forged safety latch.



✓ Tested and certified by DGVU.

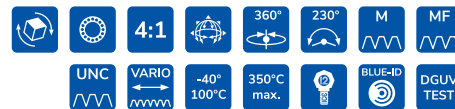
Testing specifications: GS-OA-15-04  
Certificate No.: OA 1951040

- Rotating 360°, pivoting 230°.
- Double ball bearing for turning/ rotating operations.
- Universal, unmistakable VIP connection for chain, hook and eye.



# VWBG-V / VWBG

VIP Load ring for bolting-Vario /  
VIP Load ring for bolting.



RUD RFID  
CONNECT IT

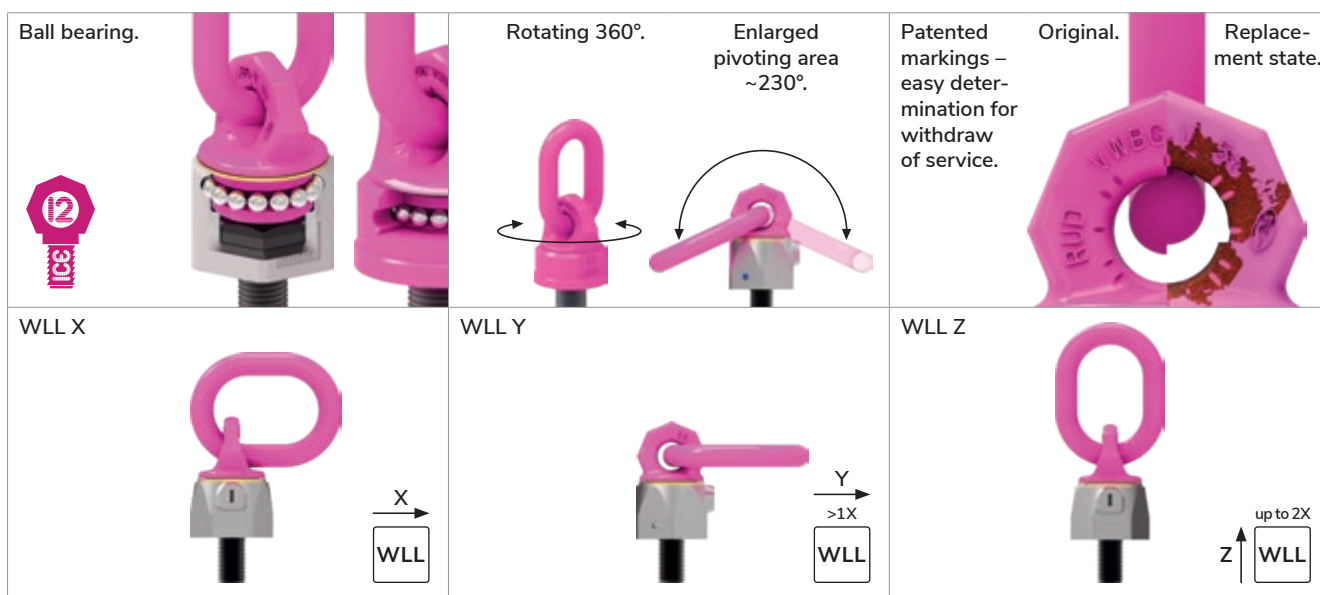


VWBG-V

VWBG

## PRODUCT FEATURES

- Comprehensive range of WLL 0.3 t – 6 t / 7.5 t – 50 t.
- Clear marking of the minimum WLL for all loading / directions. Higher WLL possible when location and installation is optimized.
- Rotatable at nominal WLL, 90° to the bolt-on direction.
- Variable bolt lengths available for tapped or through holes.
- VWBG-V: Non removable special bolt (this reduces the risk of improper standard bolts).
- VWBG-V: RUD bolts with special corrosion protection Corrud-DT.
- Large distance between bolt-on surface and load to avoid damage.



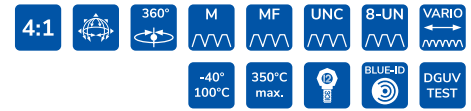
✓ Tested and certified by DGV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1651056

- Rotating 360°, pivoting 230°.
- Ball bearing for a shock-free rotating and turning with less friction.
- Optical markings to determine the load angle and wear.

# VRS-STARPOINT

Vario eye bolt.



## PRODUCT FEATURES

- Comprehensive range of WLL 0.1 t – 20 t.
- Non-detachable ICE-BOLT made of patent steel (M8 – M24), thus reducing the risk of using unsuitable standard bolts. Special bolt for safe use at low temperatures with higher toughness and thus higher bending strength as well as less wear.
- The WLL statement corresponds to the minimum WLL in all loading directions. Higher WLL possible when location and installation is optimized.
- Variable bolt lengths available for tapped or through holes.
- Wide range of threads.

Rotating combination head with RUD ICE-BOLT.



Rotating 360°.

Easy adjustment in load direction.



Variable bolt lengths.



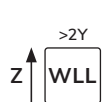
WLL X



WLL Y



WLL Z



✓ Tested and certified by DGVU.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1951039

- Rotating 360°.
- Several times higher WLL than the DIN 580 eye bolt.
- Easy-Fit-Key for easy assembly and disassembly.

# VRM-STARPOINT

Vario eye nut.



RUD RFID  
CONNECT IT



## PRODUCT FEATURES

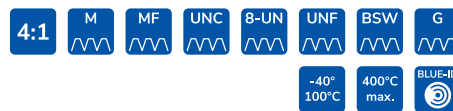
- Comprehensive range of WLL 0.1 t – 4.5 t.
- The WLL statement corresponds to the minimum WLL in all loading directions. Higher WLL possible when location and installation is optimized.
- Available as Standard Metric Thread M6 – M30 (DIN EN 13).
- Rotating 360°.





# RS / RM

Eye bolt / Eye nut.

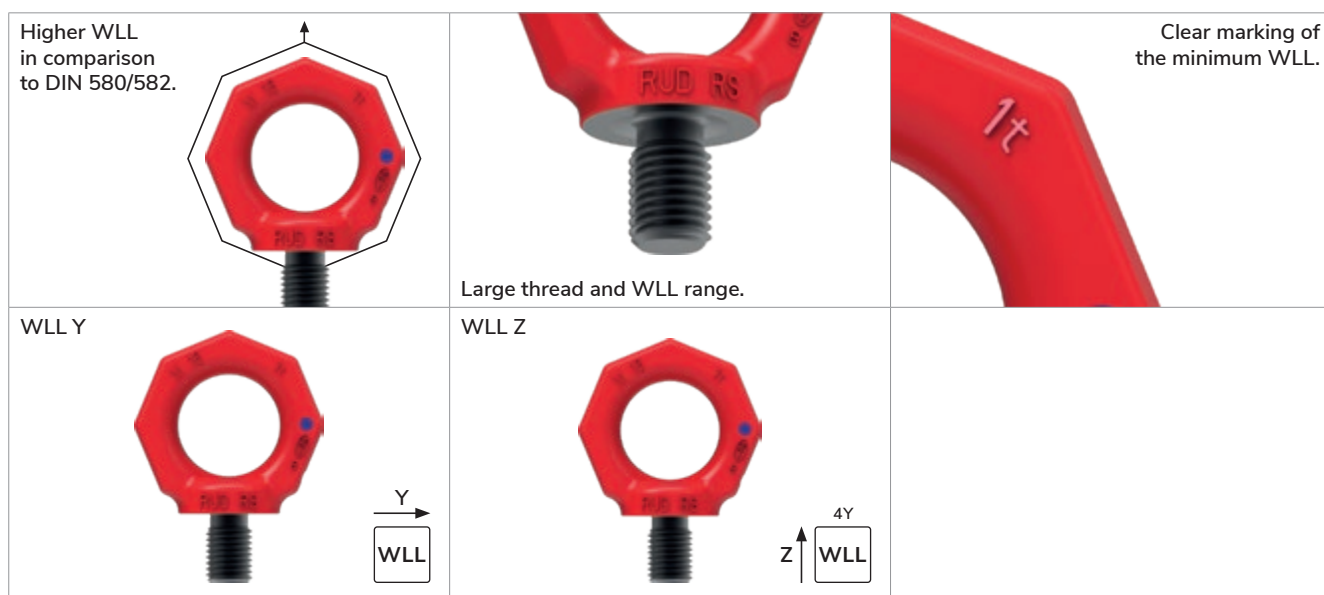


RUD RFID  
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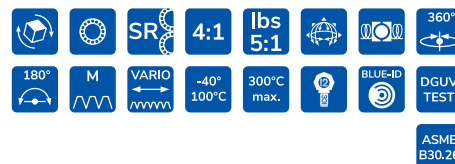
## PRODUCT FEATURES

- Comprehensive range of WLL 0.1 t – 8 t.
- Considerably higher WLL (in comparison to DIN 580/582) at vertical load.
- Large WLL range: M, MF, UNC, UNF, 8UN, BSW, G.
- Clear marking of the minimum WLL for all loading directions.
- Quick and easy installation with just one bolt connection.
- Large WLL range.
- Large thread range.



# ICE-LBG-SR

ICE Load ring for bolting SUPER-ROTATION®.



RUD RFID  
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## PRODUCT FEATURES

- Captive but exchangeable ICE-BOLT made out of patented steel with special corrosion protection Corrud-DT. Non-hazardous low temperature usage; higher toughness and therefore higher bending strength as well as less wear occurrence.
- Clear marking of the minimum WLL for all loading directions. Marking with requested torque moment and nominal WLL with a safety factor of 4:1 (MD 2006/42/EC) and 5:1 (ASME B 30.26).
- SR-ball bearing is the optimal solution for permanent turning and flipping actions at WLL and without loosening the mounting bolt.
- Clamping spring works as a noise reduction and holds the suspension ring in the requested position; therefore simple hinge of lifting mean possible respectively flat design if turned down.

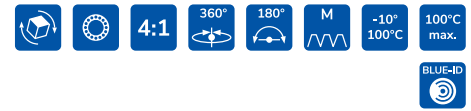


✓ Tested and certified by DGV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1651054

- RUD ICE-BOLT screw with combination head.
- No loosening thanks to SUPER ROTATION®.
- Double SR-ball bearing, rotating 360° under load.

# WBPG

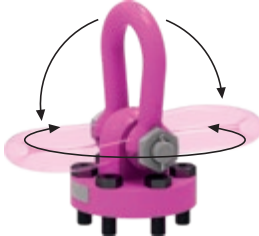



Hoist ring boltable on plate for heavy duty applications.



## PRODUCT FEATURES

- Comprehensive range of WLL 85 t – 250 t.
- Suspension ring pivots 180°.
- Lifting points rotates 360°.
- Detachable suspension ring in the shape of a shackle, for the attachment of common lifting means.
- Original RUD bolt with special corrosion protection Corrud-DT.
- Assembly with flat/ring wrench or allen key possible.
- Also available with a sling shackle next to the suspension ring. Model WBPG-SL.

<p>WLL up to 250 t.</p> 	<p>Rotating 360°, pivoting 180°.</p> 	<p>Detachable suspension ring in the shape of a shackle.</p> 
<p>WBPG on flat surface.</p> 	<p>WBPG on flange.</p> 	<p>WBPG on cone.</p> 

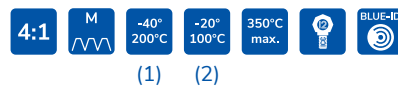
✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

- Heavy duty design.
- WLL up to 250 t.
- Rotating 360°.



# VABH-B / VCGH-G

VIP Excavator hooks for bolting.

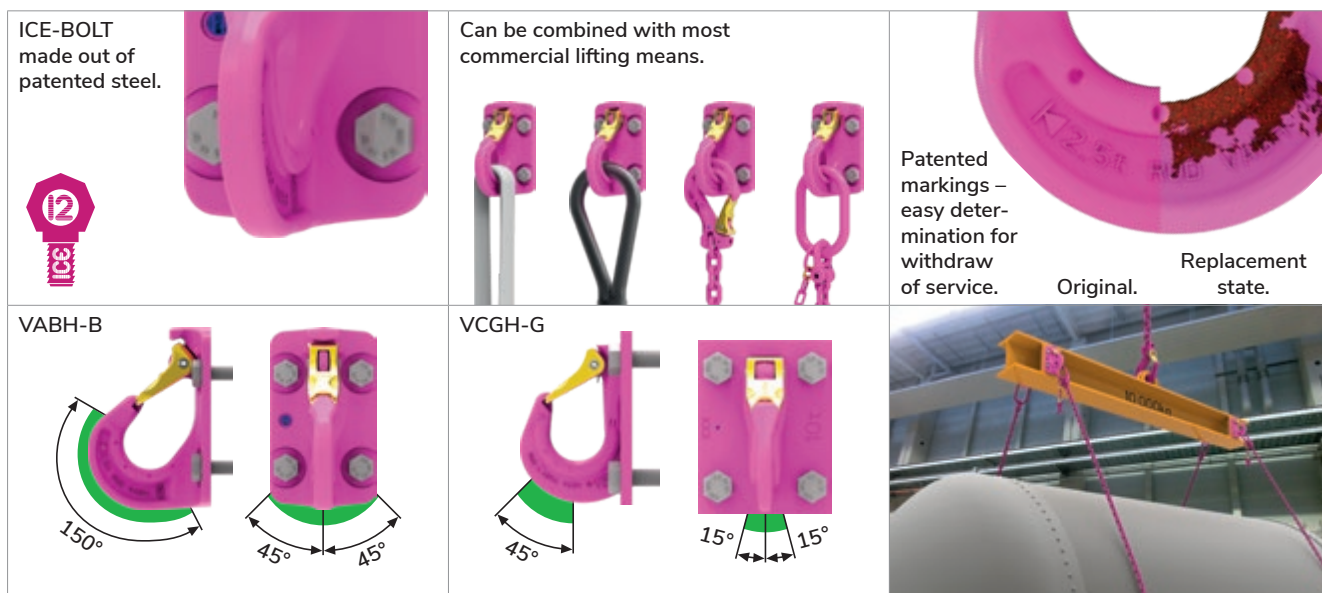


RUD RFID  
CONNECT IT



## PRODUCT FEATURES

- Comprehensive range of WLL 1.5 t – 6.7 t / 10 t – 20 t.
- Can be combined with most commercial lifting means without additional connecting element.
- ICE-BOLT made of patented steel. Non-hazardous deep temperature usage; higher toughness and therefore higher bending strength as well as less wear occurrence.
- Patented markings for easy determination for withdraw of service.
- Robust, forged safety latch.



✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

- Lifting point for spreaders and beams.
- For wire ropes and round slings.
- For lifting means with loop or oval suspension ring.

# B-ABA



Boltable lifting point, full working load in all directions.



## PRODUCT FEATURES

- Comprehensive range of WLL 1.6 t – 31.5 t.
- No rattling noise or shaking even at strong vibrations or shock loads, simple hinge of lifting means possible.
- ICE-BOLT made out of patented steel. Non-hazardous deep temperature usage; higher toughness and therefore higher bending strength as well as less wear occurrence.
- Patented wear markings inside and outside.
- Clear marking of the minimum WLL.

<p>No rattling noise or shaking.</p> 	 <p>ICE-BOLT made out of patented steel.</p> 	<p>Clear marking.</p> 
<p>WLL X</p>  <p>X WLL</p>	<p>WLL Y</p>  <p>Y=1X WLL</p>	<p>WLL Z</p>  <p>Z=1X WLL</p>



✓ Tested and certified by DGV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1651055

- Able to bear load on all sides.
- 4-fold safety against breakage.
- Quenched and tempered base body, thus more resistant to wear.

# RBG / VRBG

Load ring eye plate / VIP Load ring eye plate.




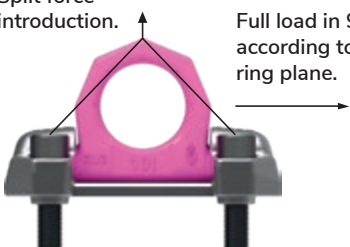
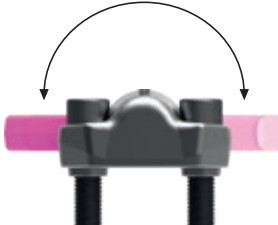



RUD RFID  
CONNECT IT



## PRODUCT FEATURES

- Comprehensive range of WLL 3 t – 50 t.
- Split force introduction due to multiple point fixing.
- Suspension ring pivots 180°.
- 100 % WLL at 90° in the load ring plane possible.
- Clear marking of the minimum WLL for all loading directions.

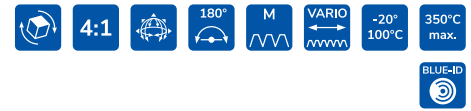
<b>RBG 3 t</b> 2 bolts. 	<b>VRBG 10 t / 16 t</b> 4 bolts. 	<b>VRBG-FIX 31.5 t / 50 t</b> 6 / 8 bolts. 
Split force introduction. 	Pivoting 180°. 	Patented markings – easy determination for withdraw of service. 

✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

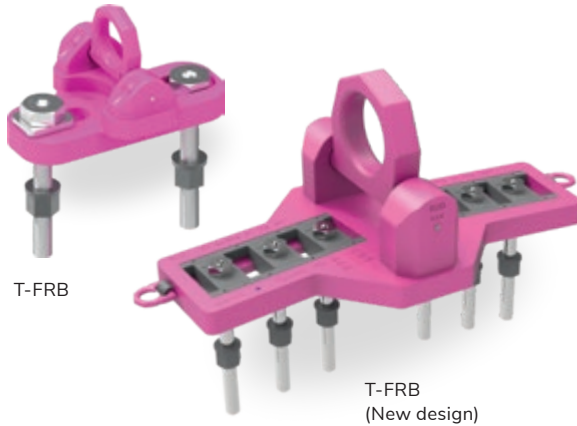
- Part-protecting application of force through several fixtures.
- Working Load Limit up to 50 t.



# T-FRB / B-FRB



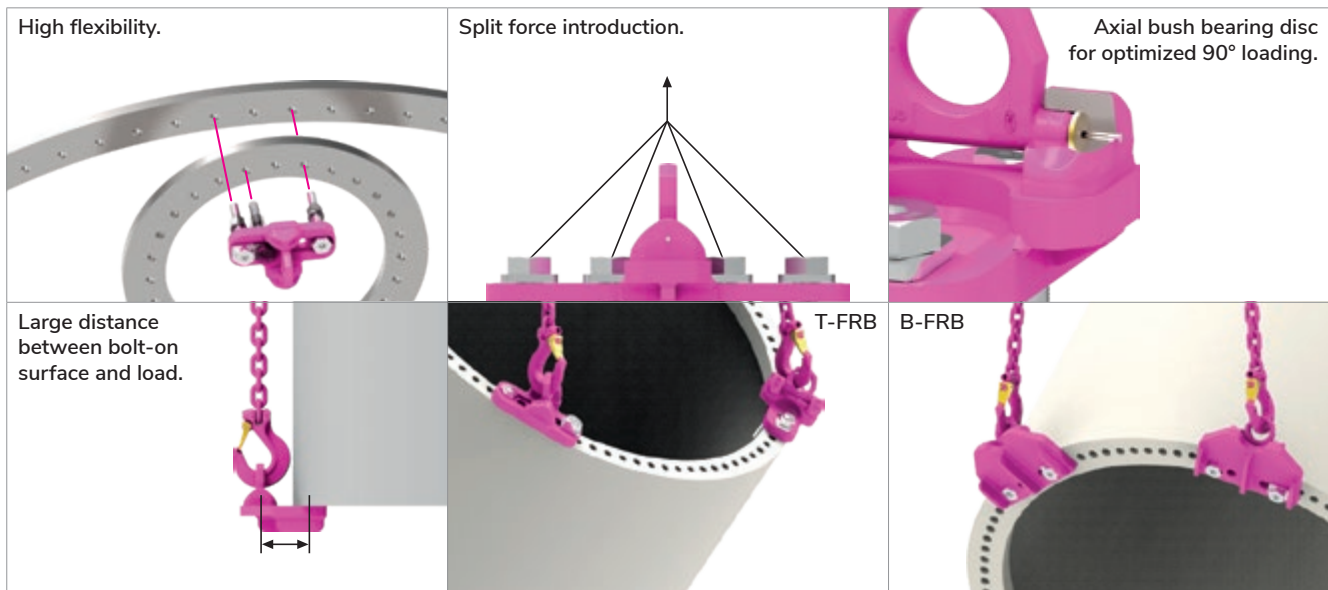
“FLARIBO” / Flange load ring top flange /  
Flange load ring bottom flange.



## PRODUCT FEATURES

- High flexibility! Optimal use in different drill patterns and pitch circle diameters of the flange.
- Split force introduction due to multiple point fixing.
- Large distance between bolt-on surface and load to avoid damage.
- Patented markings for easy determination for withdraw of service.
- Variable thread lengths are available for usage at thread holes and at through hole fixtures.
- The component is equipped with an axial bushing disc for optimized 90° loading.

**NEW: Designed improved once again!**



✓ According to the test criterias of BG/DGUV “GS-OA-15-04”.

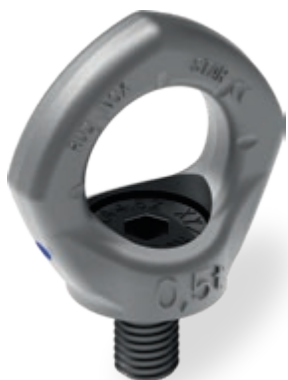
- High flexibility.
- Lifting point pivots 180°.
- The component is equipped with an axial bushing disc for optimized 90° loading.

# INOX-STAR

Stainless steel eye bolt.

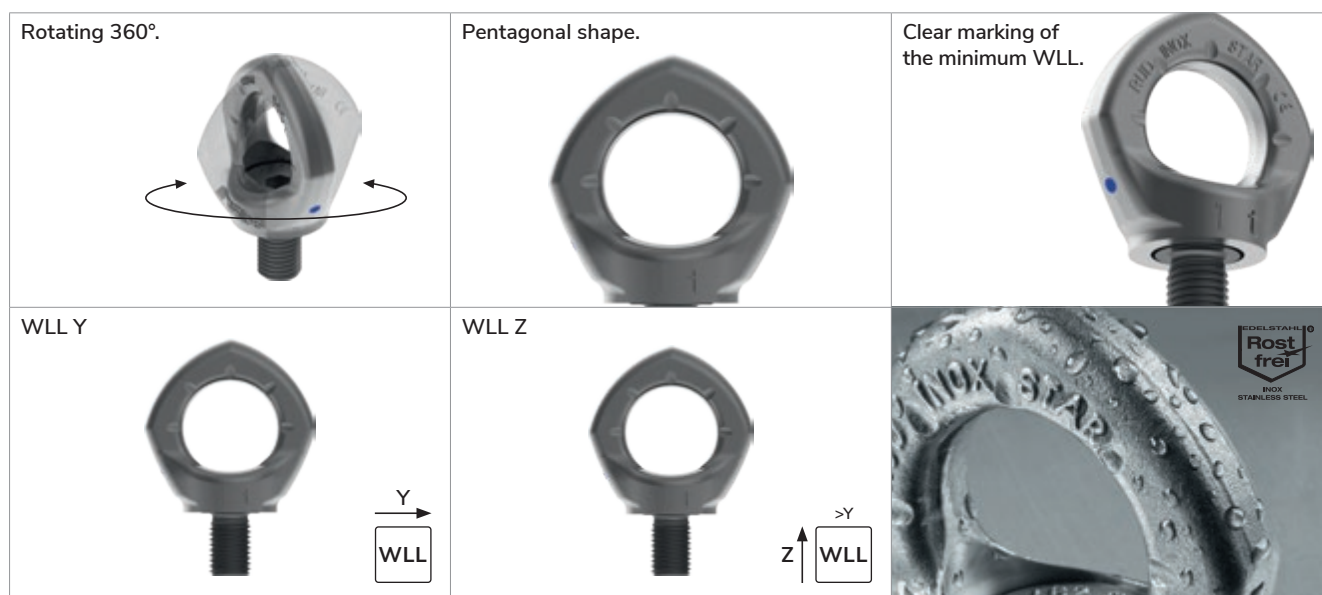


RUD RFID  
CONNECT IT



## PRODUCT FEATURES

- Comprehensive range of WLL 0.5 t – 2.5 t.
- Non removable special bolt and ring body made out of Duplex Steel 1.4462.
- Variable thread lengths are available for usage at thread holes and at through hole fixtures.
- Quick and easy installation with just one bolt connection.
- High resistance in sea water or in environments with high chlorine ion concentration.
- The penta shape clearly distinguishes it from conventional lifting lugs.



✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

- Rotating 360°.
- Able to bear load on all sides.
- Special bolt and ring body made out of Duplex Steel 1.4462.

# PSA INOX-STAR

# PSA VRS-STARPOINT



The lifesavers.

## PRODUCT FEATURES

### PSA INOX-STAR:

- Range of WLL 1 – 2 people.
- Ring body and bolt made from duplex steel 1.4462.
- Non-detachable special bolt.

### PSA VRS-STARPOINT:

- Range of WLL 1 – 2 people.
- Non-detachable special bolt.

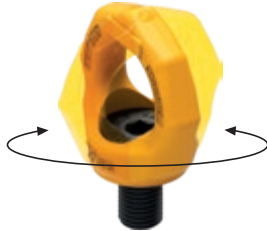


PSA VRS-STARPOINT (2)

Also available as standard thread UNC (ANSI B1.1).

PSA INOX-STAR (1)

Rotating 360°.



Non removable special bolt.



Indicate number of carrying people.



Pentagonal shape.



- ✓ In accordance with the EC Directive 89/686/EEC. Exceeds the requirements of DIN EN 795. Marking corresponds to DIN EN 365.
- ✓ Tested and certified by the PSA of the DGV.
- ✓ DGV approval for fastening in steel and with blind rivet nut.








- PSA-INOX-STAR made from stainless steel.
- Rotating 360°.





























# LIFTING POINTS – READY FOR WELDING.

## OVERVIEW – LIFTING POINTS FOR WELDING.

P. 32		VLBS / VLBS-U 1.5t–16t
P. 33		VRBS 4t–50t
P. 34		VRBS-FIX 4t–100t
P. 35		VRBK-FIX 4t–50t
P. 36		ABA 0.8t–31.5t
P. 37		VABH-W / VCGH-S 1.5t–20t
P. 38		WPP(H)-S / -B / -VIP 0.63t–50t

																								
	Ideal for rotating and turning	Ball bearing mounted	Double ball bearing mounted	Safety factor	Safety factor	Able to bear load on all sides	Retaining spring	Turning range	Pivoting area/hook-in link	Metric thread	Metric fine thread	UNC inch thread	8UN inch thread	UNF inch thread	BSW – British Standard Whitworth	G – pipe inch (according to ISO 228)	Variable thread lengths	Operating temperature range <b>without</b> reduction in working load limit	Max. operation temperature <b>with</b> reduction in working load limit	Equipped with ICE-BOLT	RUD BLUE-ID SYSTEM	DGUV-approved	Certified according to DNGVL guideline	Safety standard for lifting equipment
				■		■	■		■									■	■			■	■	
				■		■			■									■	■					
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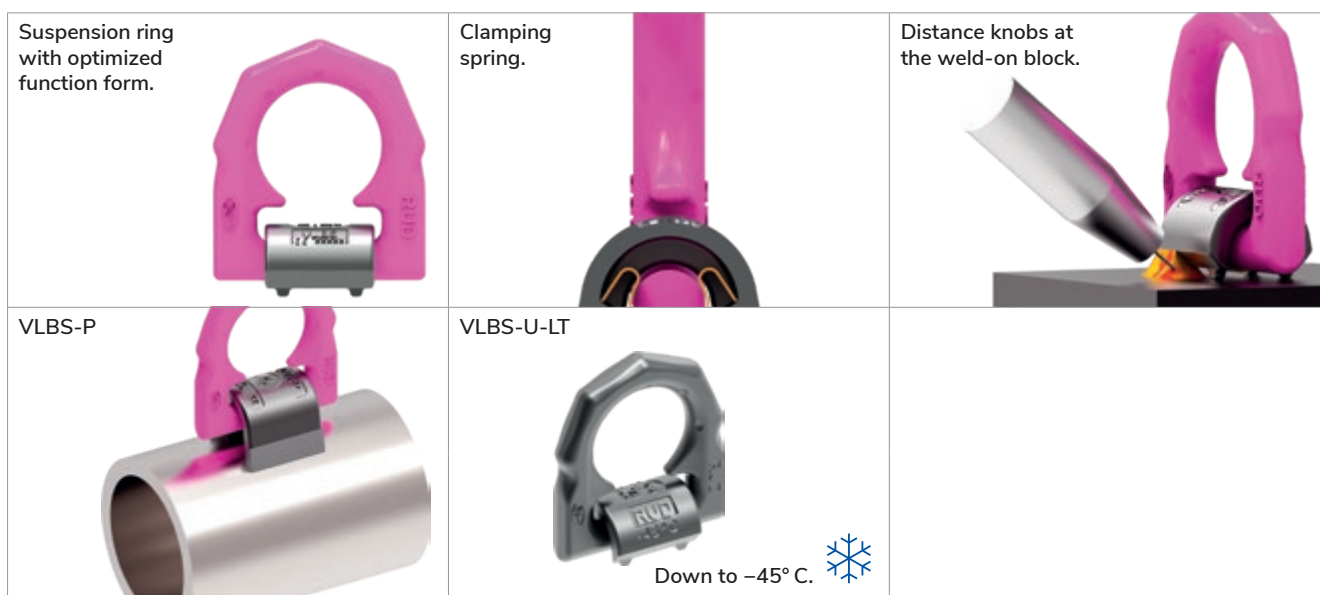
# VLBS / VLBS-U

VIP Load ring for welding /  
VIP Load ring for welding undetachable.



## PRODUCT FEATURES

- Comprehensive range of WLL 1.5 t – 16 t.
- Suspension ring with optimized function form for a better support at side.
- Suspension ring pivots 180°.
- VLBS-P: Suspension ring with enlarged pivoting area.
- 100 % WLL at 90° in the load ring plane possible.
- Clamping spring works as a noise reduction and holds the suspension ring in the requested position.
- Distance knobs at the weld-on block to achieve the necessary distance for the root weld (except VLBS-P).
- VLBS-U-LT: Proof of low temperature suitability down to -45° C.



✓ Tested and certified by DGUV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1951043

- Pivoting 180°.
- Suspension ring can be angled into position (VLBS-U).
- Suspension ring & weld-on-block of the VLBS-U are undetachable.





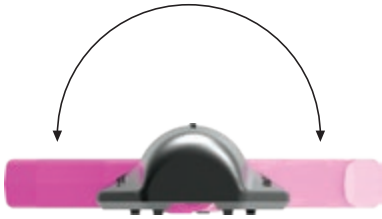

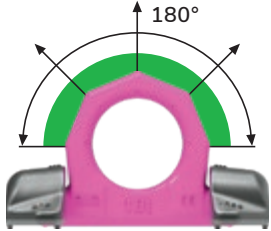
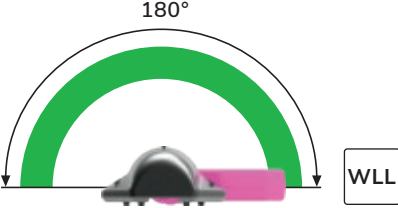
# VRBS

VIP Load ring weldable.



## PRODUCT FEATURES

- Comprehensive range of WLL 4 t – 31,5 t.
- Clear marking of the minimum WLL for all loading directions.
- Patented markings for easy determination for withdraw of service.
- Distance knobs at the weld-on block to achieve the necessary distance for the root weld.
- The weld-on-block is made (forged) out of a good weldable steel.

<p>Split force introduction.</p> 	<p>100 % WLL at 90° in the load ring plane possible.</p> 	<p>Pivoting 180°.</p> 
<p>Patented markings – easy determination for withdraw of service.</p> <p>Original. Replacement state.</p> 	<p>Load angles in ring plane.</p>  <p>WLL</p>	<p>Load angles at lateral load.</p>  <p>WLL</p>

✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

- Split force introduction due to multiple point fixing.
- Suspension ring pivots 180°.
- 100 % WLL at 90° in the load ring plane possible.

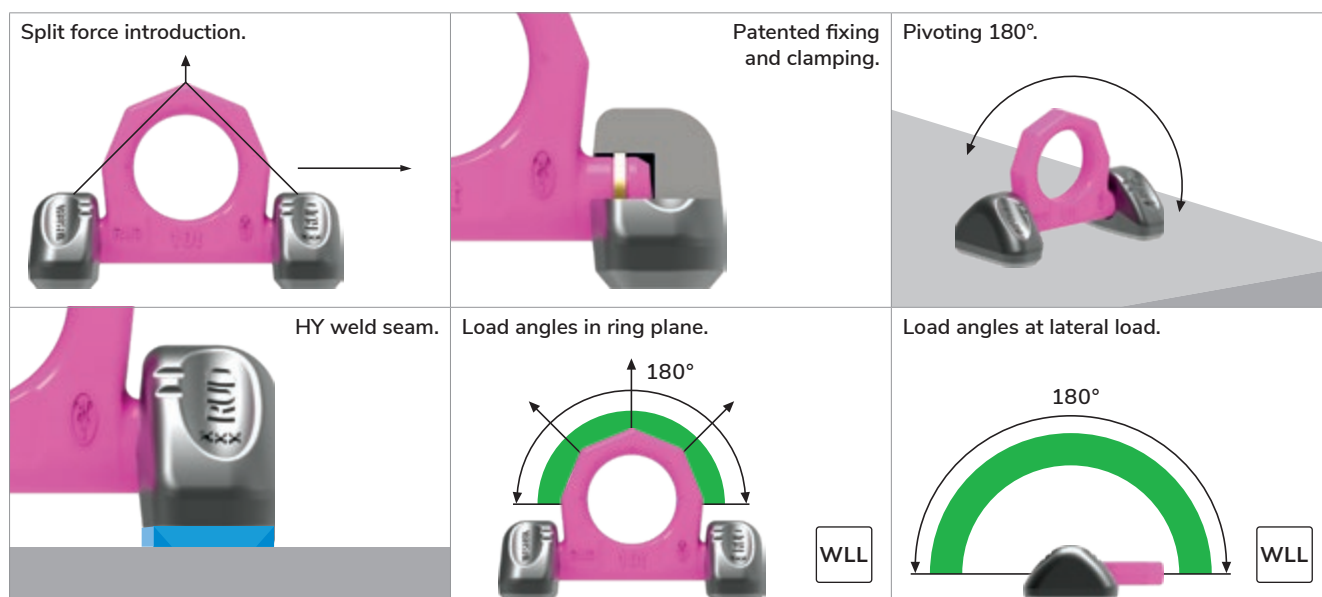
# VRBS-FIX

VIP Load ring FIX weldable.



## PRODUCT FEATURES

- Comprehensive range of WLL 4 t – 100 t.
- Split force introduction due to multiple point fixing.
- Suspension ring pivots 180°.
- 100 % WLL at 90° in the load ring plane possible.
- Thanks to the weld arrangement (circular fillet weld), no contact/crevice corrosion can occur.
- Forged markings for easy determination of the load angle.
- Patented markings for easy determination for withdraw of service.
- Clamping spring works as a noise reduction and holds the suspension ring in the requested position.



✓ Tested and certified by DGV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1651057

- No complex leveling of the components to each other.
- Clamping spring holds all parts together.
- No crevice corrosion: endless HY weld seam.

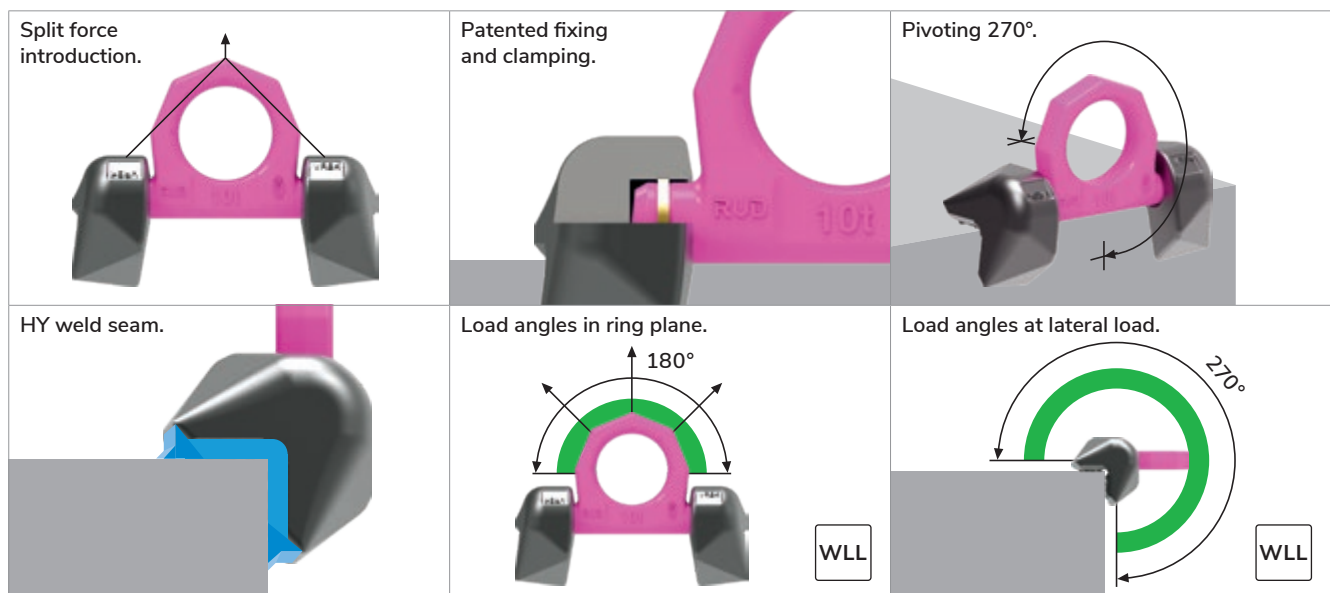
# VRBK-FIX

VIP Load ring FIX weldable for edges.



## PRODUCT FEATURES

- Comprehensive range of WLL 4 t – 50 t.
- Split force introduction due to multiple point fixing.
- Suspension ring with enlarged pivoting area up to 270°.
- 100 % WLL at 90° in the load ring plane possible.
- Thanks to the weld arrangement (circular fillet weld), no contact/crevice corrosion can occur.
- Patented markings for easy determination for withdraw of service.
- Clamping spring works as a noise reduction and holds the suspension ring in the requested position.



✓ Tested and certified by DGV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1951041

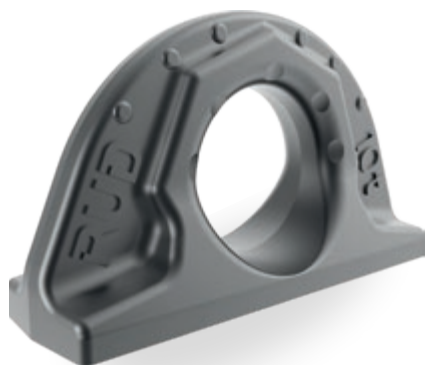
- Pivots up to 270°.
- Preassembled components consisting of suspension ring and weld-on blocks.
- No crevice corrosion: endless HY weld seam.



# ABA

Ready and indestructible – from all directions.

4:1

-40°  
200°C400°C  
max.DGUV  
TESTDNVGL  
TEST

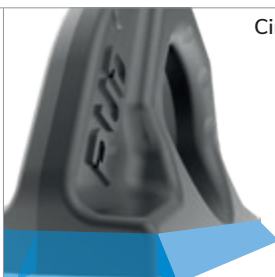
## PRODUCT FEATURES

- Comprehensive range of WLL 0.8 t – 31.5 t.
- Forged, no rattling noise or shaking even at strong vibrations or shock loads, simple connection of lifting means possible.
- Requirements of the DIN 18800 are fulfilled by the weld arrangement (circular fillet weld), this means non occurrence of contact/crevice corrosion due to the endless weld seam (therefore suitable for outdoor constructions).
- Patented markings for easy determination for withdraw of service.

Forged lifting point.



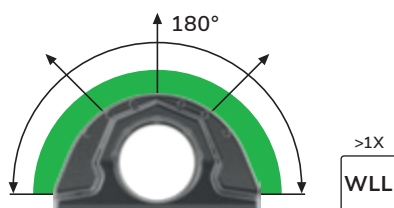
Circular fillet weld.



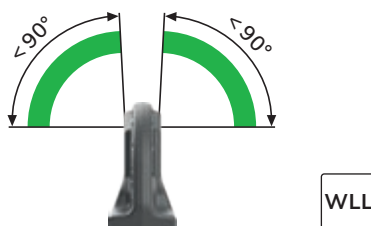
Clear marking of the minimum WLL.



Load angles in ring plane.



Load angles at lateral load.



✓ Tested and certified by DGUV.

Testing specifications: GS-OA-15-04  
Certificate No.: OA 1951042

- 4:1 safety against breaking.
- Patented markings for easy determination for withdraw of service.
- Tempered base body, therefore wear-resistant.

# VABH-W / VCGH-S

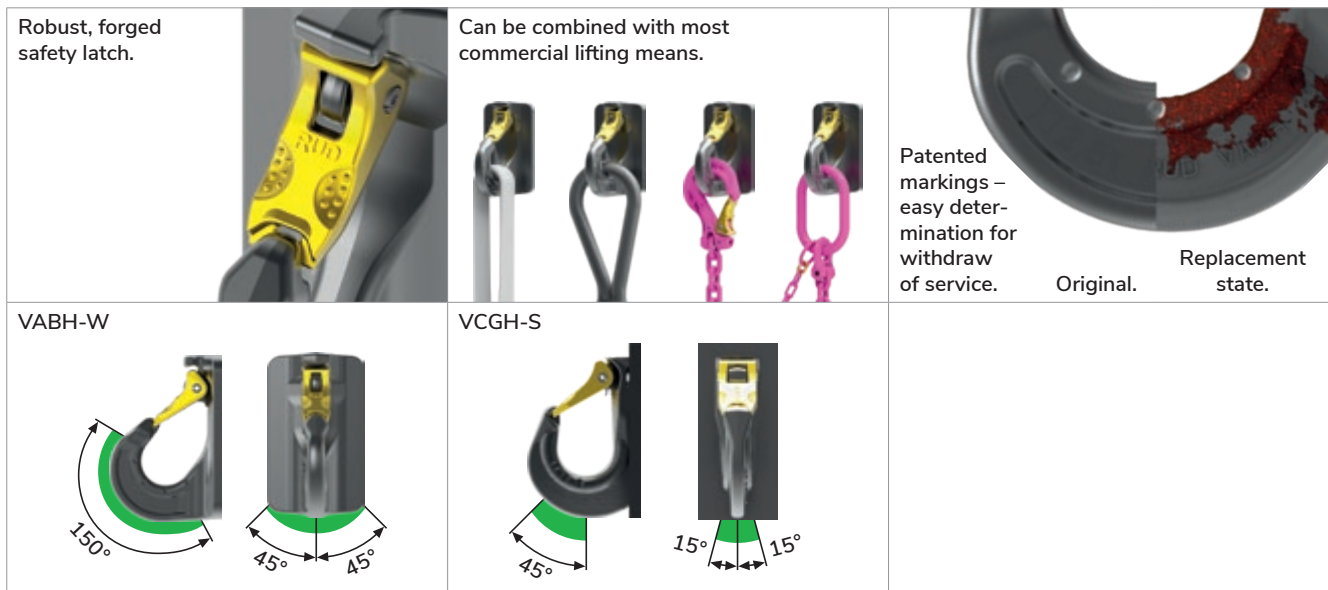
4:1    -40°    -20°    400°C  
200°C    200°C    max.  
(1)    (2)

VIP Excavator hook for welding.



## PRODUCT FEATURES

- Comprehensive range of WLL 1.5 t – 20 t.
- Can be combined with most commercial lifting means without additional connecting element.
- Patented markings for easy determination for withdraw of service.
- Robust, forged safety latch.
- Phosphated surface.
- Weld-on point can be used as excavator hook.
- Simple and fast welding installation.



✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

- Lifting point for spreaders and beams.
- For wire rope slings and round slings.
- For lifting means with loop or oval suspension ring.

# WPP(H)-S / -B / -VIP



PowerPoint®-Star for welding / -Ring connection for hook assemblies for welding / -VIP-chain connection for welding.



WPP(H)-S

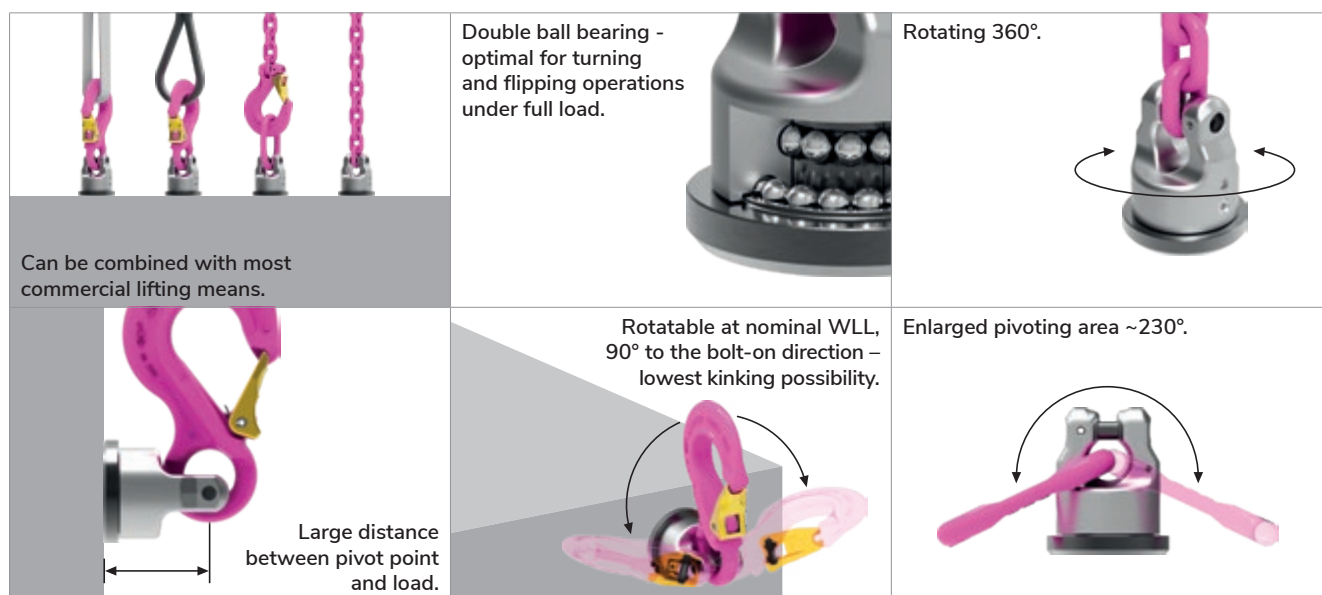
WPP(H)-B

WPP(H)-VIP

Also available as non-rotatable variant WPPH.

## PRODUCT FEATURES

- Comprehensive range of WLL 0.63 t – 50 t.
- WPP-S: weldable universal hook connection for ring assemblies, round slings, wire ropes, hook assemblies.
- WPP-B: weldable ring connection for hook assemblies.
- WPP-VIP: weldable, direct VIP-chain connection.
- Rotable at nominal WLL, 90° to the bolt-on direction.
- Lowest kinking possibility due to cardan joint.
- Parallel to the weld-on surface under nominal WLL.



✓ According to the test criterias of BG/DGUV "GS-OA-15-04".

- Rotating 360°, pivoting 230°.
- Double ball bearing for rotating and turning actions.
- Universal, unmistakable VIP connection for chain, hook and eye.



# OFFER WITH A SYSTEM.

THESE RUD PRODUCTS MIGHT ALSO BE OF INTEREST TO YOU.

As a system provider, we are happy to support you holistically. For this reason, RUD also offers many other products that are indispensable for safely lifting, moving and transporting loads. Detailed information can be found in our specialist catalogues or at [www.rud.com](http://www.rud.com).



## RUD LASHING EQUIPMENT.

RUD lashing equipment in quality class 12-ICE stand for fast attachment and extra safety when transporting loads. They allow high maximum lashing forces with comparatively small chain dimensions - therefore high ergonomics due to the lower weight.



## RUD LIFTING MEANS.

RUD lifting means in quality classes 12-ICE and 10-VIP are the first choice for lifting and moving. They not only offer high load capacities with a smaller chain diameter, but also maximum user-friendliness through easier, energy-saving handling.



## RUD TOOL MOVER TURNING TOOL.

With the TOOL MOVER turning tool, tools weighing a ton and susceptible or injection moulds can be turned safely, ergonomically and in a time-saving manner. With the large choice of attachment parts, you not only protect the tools, but also your employees.



## RUD EXPERT DIALOGUE.

Do you have questions, special problems or complex lifting and transport tasks? Send us an e-mail to [slings@rud.com](mailto:slings@rud.com) or call us on: +49 7361 504-1070.



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