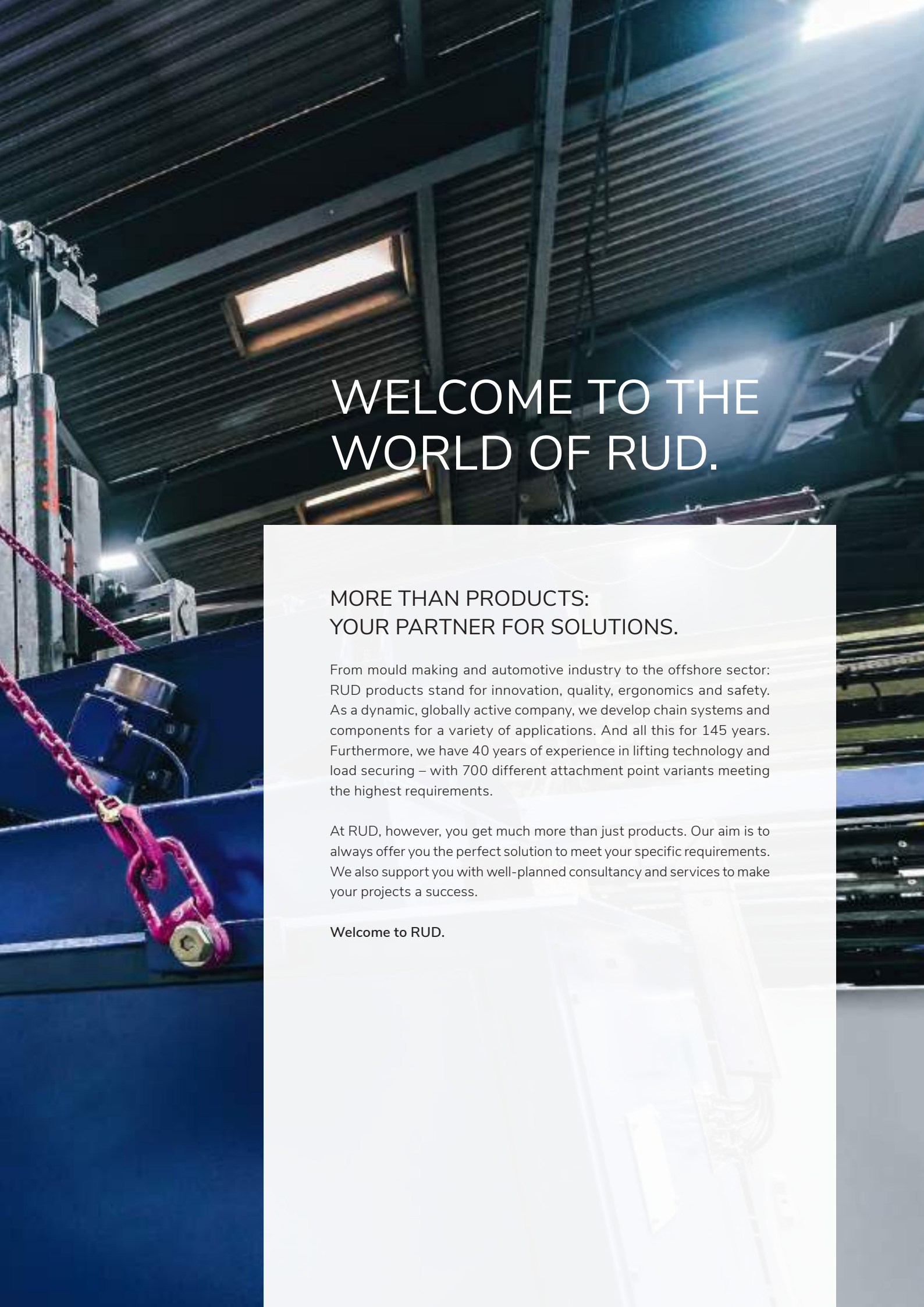
LIFTING POINTS.

Short catalogue version 2 | English







WELCOME TO THE WORLD OF RUD.

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 variety of applications. And all this for 145 years. Furthermore, we have 40 years of experience in lifting technology and load securing – with 700 different attachment point variants meeting the highest requirements.

At RUD, however, you get much more than just products. Our aim is to always offer you the perfect solution to meet your specific requirements. We also support you with well-planned consultancy and services to make your projects a success.

Welcome to RUD.

OUR CLAIM: MAXIMUM QUALITY, BEST CUSTOMER ORIENTATION.

Innovation, perfection and the motivation to achieve added value for our customers: That is RUD's passion. Being a technological think tank, we repeatedly set standards for load securing and lifting technologies with our lifting and lashing equipment.

Our chain production facilities are among the most modern of their kind. Highly qualified specialists work here, who are never satisfied with the status quo. Because our thinking is focused on meeting 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 an nutshell: Quality made in Germany – made by RUD.

Made in Germany





AT HOME INTERNATIONALLY.

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, associated companies and specialist RUD 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. Many things considered standard today for lifting and lashing originated from RUD's think tank. In 1953, RUD was the first chain manufacturer to receive the inspection stamp H1 for high-strength chains, in 1972 it was the first to receive approval for grade 8 (H1–8) and in 2007 for round steel chains of the highest grade 12 (D1–12) (ICE). To simplify test processes, we have long equipped many products with RFID transponders as standard 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 do for us to do. Join us into the future.

AWARD-WINNING SERVICE.

Numerous awards prove it: RUD's innovative strength and performance are outstanding – in the industry and beyond.











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

Production management, mechanical engineering:

"MOVING LOADS MUST NOT ONLY BE SAFE, BUT COST-EFFICIENT TOO."

"When you move heavy and valuable loads every day, 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 AT THE FOREFRONT 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 modern material technologies such as ICE 120 and VIP 100 have set standards in many branches. 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 highly specialised lifting or transport challenges, we literally stand by our customers and advise them. Our experts listen carefully to you, offer 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 NEW 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 pink-coloured chain is more than 30 percent lower, the working ergonomics are noticeably higher.

HIGH SAFETY EVEN AT LOW TEMPERATURES AND EXTREMELY HIGH TEMPERATURES.

However, not only chains, but also the flanges of modern botable lifting points perform very hard work. Every day they have to withstand the highest WLL. 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 deep temperatures as it is at extremely high temperatures.



THE ICE-BOLT: HIGHER WLL 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-chain 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.



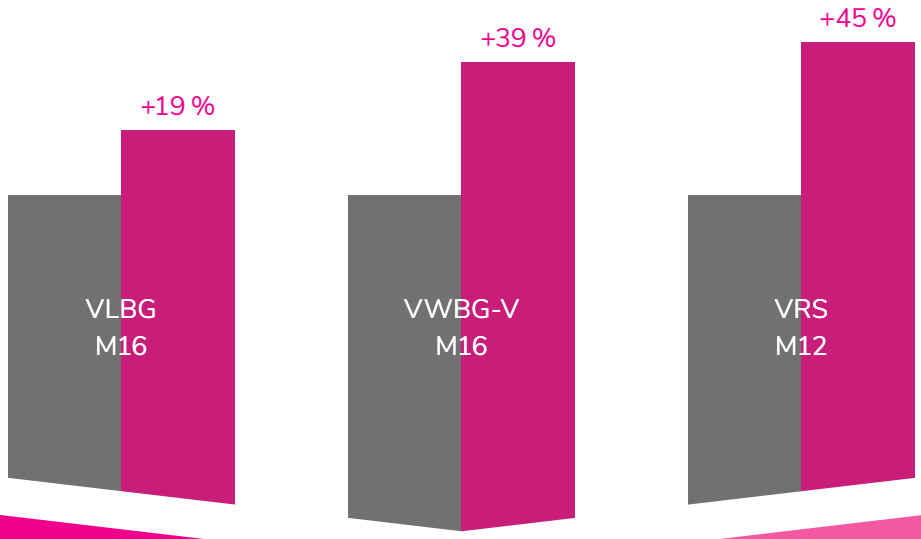
The thread of the ICE-Bolt proves itself in the prism bending test. The test shows: the ICE-Bolt masters static and dynamic WLL safely.

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

- Higher WLL 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.
- Lower wear.

In brief: RUD lifting points with ICE-Bolts represent maximum safety – and in quality class 12.

INCREASE IN THE BREAKING FORCE THANKS TO ICE-BOLT.



SIMPLE PRODUCT INSPECTING 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 SYSTEM we offer you a comfortable overall solution for inspecting 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. And with our readers and the software solution, documentation and administration also become incredibly easy. Thus, with a single click, all RUD components with RFID tags can be identified contact-free and without errors and transmitted directly to the software or app for further processing of the test data. It could not be more convenient or more secure. Your entire inspecting process will be simpler, faster and more reliable. This gives you more time for your core business.

THE RUD BLUE-ID SYSTEM.

- Lower inspection costs, time and personnel expenditure.
- More process and legal security (avoidance of errors).
- Factory preassigned product information simple, contact-free and fast readout on site.
- Clear marking and identification of the products with RFID technology.
- Offline inspecting possible without Internet access.
- Simple documentation and administration of test data with the cloud based software solution AYE-D.NET.

Serially embedded in defined RUD products.
Can be retrofitted for many other products.

RUD RFID CONNECT IT

If you see this symbol next to the image of an 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 of them is extremely resistant and can withstand even the harshest environmental 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 hinge version.



The RUD ID-USB-READER.

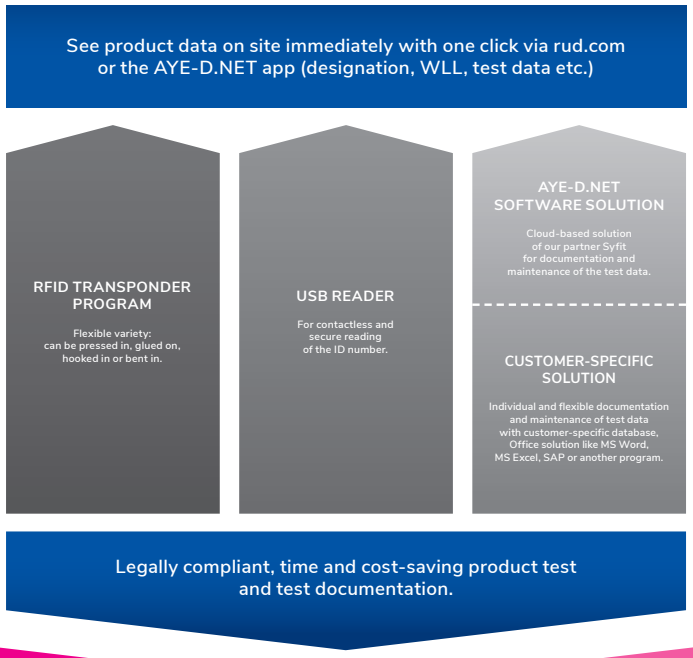


The RUD ID-LINK®.
The sagging version.



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. We offer the cloud-based software tool as a SaaS solution together with our partner Syfit. Alternatively, you can organise the test documentation with existing databases and standard programmes such as Office applications, SAP etc.





BOLTABLE LIFTING POINTS.

OVERVIEW – LIFTING POINTS FOR BOLTING.

p. 14		**ACP-TURNADO** 0.7 t–8 t
p. 15		**ACP-TURNADO** 12.5 t–16 t
p. 16		**VLBG-PLUS** 0.63 t – 20 t
p. 17		**PP-S / -B / -VIP** 0.63 t – 8 t
p. 18		**VWBG-V / VWBG** 0.3 t – 5 t / 6 t – 50 t
p. 19		**TXP-TEXOLUTION-POINT** 1.3 t – 3 t
p. 20		**VRS-STARPOINT** 0.1 t – 20 t
p. 21		**VRM-STARPOINT** 0.1 t – 4.5 t
p. 22		**RS / RM** 0.1 t – 8 t
p. 23		**VWBM** 0.6 t – 1.8 t
p. 24		**WBPG** 85 t – 250 t
p. 25		**VABH-B / VCGH-G** 1.5 t – 6.7 t / 10 t, 16 t – 20 t
p. 26		**B-ABA** 1.6 t – 31.5 t
p. 27		**RBG / VRBG / VRBG-FIX** 3 t – 100 t
p. 29		**T-FRB / B-FRB**
p. 30		**INOX-STAR** 0.5 t – 2.5 t
p. 31		**PSA INOX-STAR /** **PSA VRS-STARPOINT** 1 – 2 persons

	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 **without** reduction in working load limit	Max. operation temperature **with** 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

ACP-TURNADO

Automatic-Center-Point.

RUD RFID CONNECT IT



PRODUCT FEATURES

- Large WLL range 0.7 t–8 t.
- Higher WLL compared to other existing designs.
- Unique RUD spring mechanism.
- No stopping of lift bale at worst case position.
- No dangerous transverse loads.
- No kinking.
- Equipped with RUD ICE-Bolt up to size M24.
- Pivots 180°, rotates 360°.

Unique RUD spring mechanism.



Swivel joint in the lifting ring axis.



No kinking due to the round lift bail design.



RUD ICE-Bolt bolt with combination head up to M24.



Patented wear markings.



RFID connected (serially).

RUD RFID CONNECT IT



For more information:
acp-turnado.com

✓ Component corresponds with the test criteria of BG/DGUV “GS-HM 36”.

p. 15

ACP-TURNADO

Automatic-Center-Point.

4:1 | lbs 5:1 | 360° | 180° | M | UNC | ASME B30.26 | BLUE-ID | 350°C max. | -40° 100°C | VARIO

RUD RFID CONNECT IT

NEW! M36 + M42 1 1/2" + 1 3/4"



PRODUCT FEATURES

- WLL range 12.5 t–16 t.
- No dangerous transverse loads – no worst case.
- No stopping of lift bale.
- Innovative internal spring mechanism – optimally protected.
- Deflector disc with angle marking, WLL information in “t” and “lbs”, safety factors and torque moment. Fulfils the requirements of the American standard ASME B30.26.
- Combination head screw with internal and external hexagon for optimised handling.
- Swivel joint in the lifting ring axis.
- Free space for individual marking/stamp.
- Wear markings lenses for checking discard criteria.
- Embedded RFID transponder to make checks easier.

Innovative internal spring mechanism.



Swivel joint in the lifting ring axis.





Deflector disc with angle marking.

Combination head bolt with internal and external hexagon socket M36, M42, 1 1/2" and 1 3/4".



Patented wear markings.



RFID connected (as standard).

RUD RFID CONNECT IT



For more information:
acp-turnado.com

COMING SOON:
M48–M100
2"–4"



VLBG-PLUS

VIP-Load ring thread PLUS.

RUD RFID CONNECT IT



PRODUCT FEATURES

- Large WLL range 0.63 t – 20 t.
- Captive but exchangeable ICE-Bolt made of patented steel up to size M24 with special corrosion protection Corrud-DT. Safe deep temperature usage; improved toughness meaning higher bending strength and lower wear occurrence.
- The clamping spring achieves noise reduction and keeps the suspension ring in the desired direction; thereby simple hinging of the lifting means is possible or a flat design in the folded state.
- DNVGL certification from size M30.

RUD ICE-Bolt screw with combination head.



360° rotatable, 180° pivotable.





Clear marking of the minimum WLL.

Clamping spring.



Off centre split force introduction.



✓ Tested and certified by DGUV.

Test criteria: GS-HM-36:2021_09
Certificate no.: HM220053

- Suspension ring adjustable in force direction.
- Comprehensive range of threads.

PP-S / PP-B / PP-VIP

PowerPoint®-Star / -eye connection / -VIP-chain connection.

RUD RFID CONNECT IT



PP-S



PP-B



PP-VIP

PRODUCT FEATURES

- Large WLL range 0.63 t–8 t.
- PP-S: universal connection with hook for ring suspensions, round slings, wire ropes, hook suspensions.
- PP-B: eye connection for hook suspension.
- PP-VIP: direct chain connection.
- SO-PP-S, SO-PP-B, SO-PP-VIP: variable thread lengths.
- Rotatable 90° to the bolt-on direction under WLL.
- Lowest kinking possibility due to cardan joint.
- PP-VIP, SO-PP-VIP: universal and non-mix-up clevis connection for easy construction with chains, hooks and eye.
- PP-S, SO-PP-S: The shape of the hook tip prevents hinging in small openings and the WLL on the hook tip.
- PP-S: Robust forged safety latch.



For combination with all conventional lifting means – without additional connecting elements.

Double ball bearing – rotating and turning under load.



Rotatable through 360°.





Large clearance between the bolt-on surface and load.

90° rotatable through the bolt-on direction – low kinking possibility.



Extended pivoting area ~230°.



DGUV Test
OA 1951040
Sicherheit geprüft
tested safety
dguv.de/pruefzeichen

✓ Tested and certified by DGUV.

Test criteria: GS-OA-15-04: 2015-12
Certificate no.: OA 1951040

- 360° rotatable, 230° pivotable.
- Double ball bearing for tilting, rotating and turning under load.
- Universal, non-mix-up VIP connection for chains, hooks and eyes.

VWBG-V / VWBG

VIP-load ring thread VARIO / VIP-load ring thread.

RUD RFID CONNECT IT

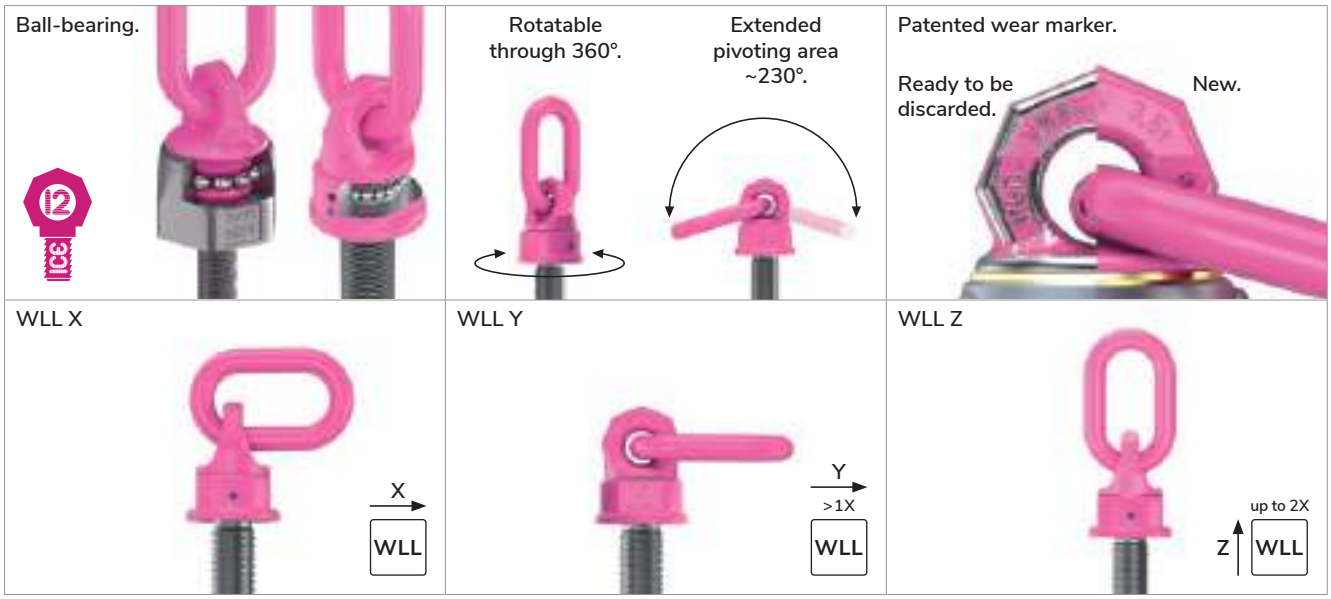


VWBG-V

VWBG

PRODUCT FEATURES

- Large WLL range 0.3 t–5 t / 6 t–50 t
- Clear indication of the minimum WLL for all loading directions. Higher WLL by optimised attachment or application.
- Rotatable 90° to the bolt-on direction under rated WLL.
- Variable bolt lengths available for use in threaded and through holes.
- VWBG-V: Non-removable special bolt (do not use unsuitable standard screws).
- VWBG-V: RUD bolts with special corrosion protection Corrud-DT.
- Large clearance between the bolt-on surface and load to prevent damage.



✓ VWBG-V: Tested and certified by DGUV.

Test criteria: GS-HM-36:2021-09
Certificate no.: HM 220055

VWBG corresponds with the test criteria: GS-HM 36

- 360° rotatable, 230° pivotable.
- Ball bearing for shock-free and less friction when rotating and turning.
- Optical markings to determine the load angle and wear occurrence.

TXP

TXP-Texolution-Point.

RUD RFID CONNECT IT



PRODUCT FEATURES

- WLL range 1.3 t–3 t.
- Reliable protection of sensitive load surfaces.
- Unique: safety through guaranteed and tested load-bearing capacity (WLL) for the entire system.
- Avoidance of accidents and damages caused by risky and untested self solutions.
- Weight saving due to textile high-tech component.
- Flexible in use: two lengths and three sizes.

Lengths 0.5 m / 1.0 m.





Optimal eyelet design – No detrimental deformation of the textile.



ICE-BOLT[1] combination head bolt.



Textile sling made of high-tech material.



Embedded RFID transponder.

RUD RFID CONNECT IT



Ball bearing for safe rotating and turning.



[1] Deviating grade also possible for special dimensions.

- Captive but interchangeable bolt, sizes M16 / M20 / M24 – also available as UNC, UNF and fine thread.
- ICE-BOLT[1]: Maximum strength with particularly high toughness.

VRS-STARPOINT

VARIO-Ring bolt.

4:1 · 360° · M · MF · UNC · 8-UN · DGUV TEST · BLUE-ID · 350°C max. · -40° 100°C · VARIO · G

RUD RFID CONNECT IT



VRS-F (with wrench)



VRS (without wrench)

PRODUCT FEATURES

- Large WLL range 0.1 t–20 t.
- Non-detachable ICE-Bolt made of patent steel (M6–M24), thus reducing the risk of using unsuitable standard bolts. Special bolt for safe deep temperature usage with higher toughness and thus higher bending strength as well as less wear.
- The WLL information corresponds with the min. WLL (worst case scenario) in all loading directions. Higher WLL by optimised attachment or application.
- Variable bolt lengths available for use in threaded and through holes.
- Comprehensive range of threads.

RUD ICE-Bolt.
Up to M24.



Rotatable through 360°.

Simple adjustment in load direction.



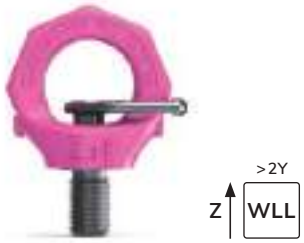
Variable bolt length.



WLL Y



WLL Z



Star profile key –

metric



UNC inch thread



DGUV Test
OA 1951039
Sicherheit geprüft
tested safety
dguv.de/pruefzeichen

✓ Tested and certified by DGUV.

Test criteria: GS-OA-15-04: 2015-12
Certificate no.: OA 1951039

- Rotatable through 360°.
- Much higher WLL than eye bolts in accordance with DIN 580.
- Star profile key for simple installation and removal.

VRM-STARPOINT

VARIO eye nut.

RUD RFID
CONNECT IT



PRODUCT FEATURES

- Large WLL range 0.1 t–4.5 t.
- The WLL information corresponds with the min. WLL (worst case scenario) in all loading directions. Higher WLL by optimised attachment or application.
- Available as a standard metric thread M6–M30 (DIN EN 13).
- Rotatable through 360°.

Rotatable through 360°.		WLL Y	WLL Z
	 Clear marking of the minimum WLL.		

RS / RM

Eye bolt / eye nut.

4:1 M MF UNC 8-UN UNF BSW
BLUE-ID 400°C max. -40° 100°C VARIO G
(1)

RUD RFID CONNECT IT



RS (1)

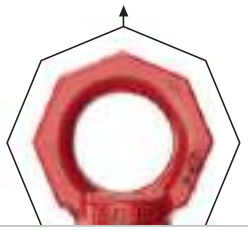


RM

PRODUCT FEATURES

- Large WLL range 0.1 t–8 t.
- Much higher WLL (in comparison to DIN 580/582) with vertical load.
- Wide range of threads: M, MF, UNC, UNF, 8UN, BSW, G.
- Clear indication of the minimum WLL for all loading directions.
- Fast and simple installation.

Higher WLL in comparison to DIN 580/582.





Large thread/WLL range.



Clear marking of the minimum WLL.

WLL Y



WLL Z



VWBM

Swivel hoist ring metric – with internal thread.

RUD RFID CONNECT IT



PRODUCT FEATURES

- Rotatable lifting point with internal thread.
- Rotatable 90° to the bolt-on direction under rated WLL.
- Large clearance between the bolt-on surface and load to prevent damage.
- Fast and simple installation.

VWBM



Internal thread.



Clear marking of the minimum WLL.





Patented wear markings.

Ready to be discarded.

New.



- Pivots 180°, rotates 360°.
- Ball bearing for shock-free and less friction when rotating and turning.
- Optical markings for angle and wear adjustment.

WBPG

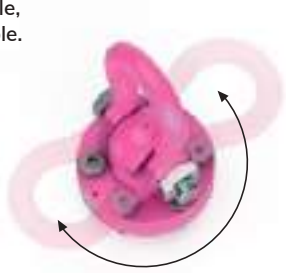
Boltable plate hoist ring.

RUD RFID CONNECT IT



PRODUCT FEATURES

- Large WLL range 85 t – 250 t.
- Suspension ring, resp. shackle pivots 180°.
- Lifting point swivels 360°.
- Removable suspension ring in shape of a shackle for attaching in conventional lifting means.
- Original RUD bolt with special corrosion protection Corrud-DT for 85 t – 250 t.
- Installation possible with clevis, ring and allen key.
- Also available with sling shackle as suspension ring (WBPG-SL).

Up to 250 t WLL. 	360° rotatable, 180° pivotable. 	Removable bracket in shape of a shackle. 
WBPG on a flat surface. 	WBPG on flange. 	WBPG on cone. 

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

p. 24
p. 25

VABH-B / VCGH-G

4:1 | M | -20° 100°C (2) | -40° 200°C (1) | 350°C max. | BLUE-ID

VIP-boltable attachment block.

RUD RFID CONNECT IT



VABH-B (1)

VCGH-G (2)

PRODUCT FEATURES

- WLL range 1.5 t – 20 t.
- For combination with all conventional lifting means without additional connecting elements.
- ICE-Bolt made from patented steel. Improved toughness meaning higher bending strength and lower wear occurrence.
- Patented wear markings for easy determination of wear.
- Robust forged safety latch.

ICE-Bolt made from patented steel.



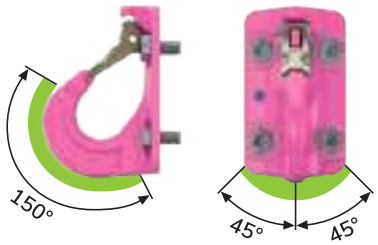
For combination with all conventional lifting means.



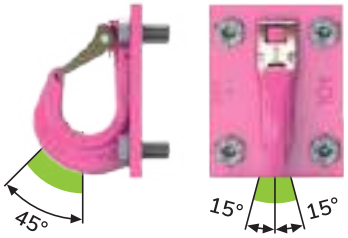


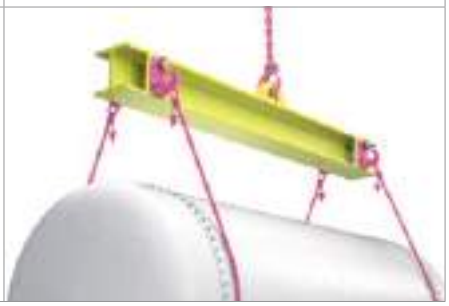
Patented wear marker. Ready to be discarded. New.

VABH-B



VCGH-G





✓ Corresponds with the test criteria of BG/DGUV “GS-HM 36”.

- As a lifting point on trusses and beams.
- For ropes and round slings.
- For lifting means with eye or oval ring.

B-ABA

Lifting point that can be loaded on all sides.

RUD RFID CONNECT IT



PRODUCT FEATURES

- Large WLL range 1.6 t – 31.5 t.
- No rattling noise or shaking even with strong vibrations or shocks loads, easy connection of the lifting means possible.
- ICE-Bolt made from patented steel. Safe deep temperature usage; improved toughness meaning higher bending strength and lower wear occurrence.
- Patented wear markings inside and out.
- Clear marking of the minimum WLL.

No rattling noise or shaking.





ICE-Bolt made from patented steel.



Clear marking.

WLL X



WLL Y



WLL Z



DGUV Test HM 220054 Sicherheit geprüft tested safety

✓ Tested and certified by DGUV.

Test criteria: GS-HM-36:2021-09
Certificate no.: HM 220054

- Can be loaded from all sides.
- 4-times the safety against breakage.
- Tempered main body, making it more wear resistant.

RBG / VRBG

Load ring thread / VIP-Load ring thread.

(1) (2)

RUD RFID CONNECT IT



RBG 3 t (1)

VRBG 16 t (2)

PRODUCT FEATURES

- Large WLL range 3 t – 16 t.
- Split force introduction thanks to multiple point fixing.
- Bracket can be pivoted through 180°.
- WLL possible up to 90° in load ring plane.
- Clear indication of the minimum WLL for all loading directions.

RBG 3 t
2 bolts.



Also with vario-length.

VRBG 10 t / 16 t
4 bolts.



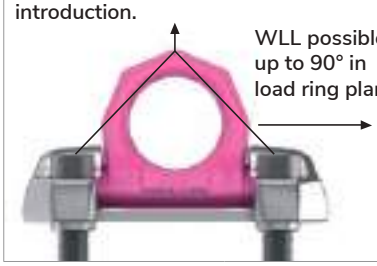
Patented wear marker.



Ready to be discarded.

New.

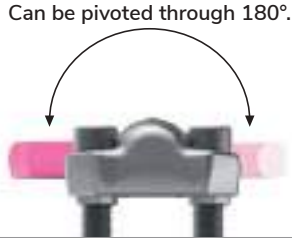
VRBG split force introduction.



WLL possible up to 90° in load ring plane.

VRBG

Can be pivoted through 180°.



✓ Corresponds with the test criteria of BG/DGUV “GS-HM 36”.

- Split force introduction through several points, going easy on the component.
- WLL up to 16 t.

VRBG / VRBG-FIX

Load ring thread / VIP-Load ring thread FIX.

RUD RFID CONNECT IT



VRBG 31.5 t



VRBG-FIX 50 t / VRBG-FIX 100 t

PRODUCT FEATURES

- Large WLL range 31.5 t – 100 t.
- Split force introduction thanks to multiple point fixing.
- Suspension ring can be pivoted through 180°.
- WLL possible up to 90° in load ring plane.
- Clear indication of the minimum WLL for all loading directions.

VRBG-FIX 31.5 t
6 bolts.



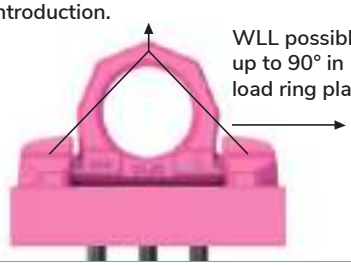
VRBG-FIX 50 t
8 bolts.



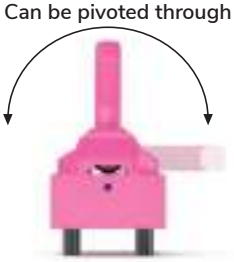
VRBG-FIX 100 t
8 bolts.



VRBG split force introduction.



VRBG
Can be pivoted through 180°.



Patented wear marker.



✓ Corresponds with the test criteria of BG/DGUV “GS-HM 36”.

- Split force introduction through several points, going easy on the component.
- WLL up to 100 t.

T-FRB / B-FRB

“FLARIBO” / flange load ring head flange / flange load ring base flange.

RUD RFID CONNECT IT



T-FRB



B-FRB

PRODUCT FEATURES

- High flexibility! Ideal for use with different hole patterns and pitch circle diameters of flanges.
- Split force introduction thanks to multiple point fixing.
- Large clearance between the bolt-on surface and load to prevent damage.
- Patented wear markings for easy determination of wear.
- Variable bolt lengths for use in threaded and through holes.
- Equipped with an axial bushing disc for optimised 90° WLL.

High flexibility with slotted hole and double drilled hole.



Slotted hole with tooth profile.



Large clearance between the bolt-on surface and load.



Axial bushing disc for optimised 90° WLL.



T-FRB



B-FRB



- High flexibility.
- Bracket can be pivoted through 180°.
- Or optimised 90° load.

INOX-STAR

Stainless steel eye bolt.

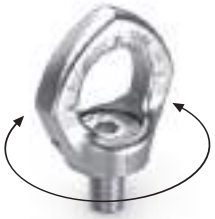
RUD RFID CONNECT IT



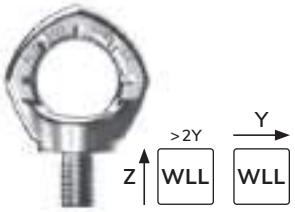
PRODUCT FEATURES

- Large WLL range 0.5 t–2.5 t.
- Non-removable special bolt and ring body made of duplex steel 1.4462.
- Variable bolt lengths for use in threaded and through holes.
- Fast and simple installation.
- High resistance in sea water or in environments with high concentration of chlorine ions.
- The penta shape clearly distinguishes it from conventional lifting points.
- Rotatable through 360°.
- Can be loaded from all sides.

Rotatable through 360°.



Penta shape.





Clear marking of the minimum WLL.



PSA-INOX-STAR / PSA-STARPOINT VRS

The life savers.

4:1 | 360° | M | VARIO | DGUV TEST | -40° 280°C (1) | -40° 100°C (2)



PSA-INOX-STAR (1)



PSA-STARPOINT VRS (2)

PRODUCT FEATURES

PSA-INOX-STAR:

- WLL range 1–2 persons.
- Ring body and bolt made from stainless steel.
- Non-removable special bolt.

PSA-STARPOINT VRS:

- WLL range 1–2 persons.
- Non-removable special bolt.



- ✓ 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 PPE special division of DGUV.
- ✓ DGUV approval for fastening in steel and with blind rivet nut.

- PSA-INOX-STAR body and bolt made from stainless steel (1.4462).
- Rotatable through 360°.



WELDABLE LIFTING POINTS.

OVERVIEW OF WELDABLE LIFTING POINTS.

		Ideal for rotating and turning	Ball bearing mounted	Safety factor 4:1	Safety factor 5:1	100% electromagnetically crack-tested	WLL possible on all sides or turning into load direction	Retaining spring	Turning range	Pivoting area/hook-in link	Operating temperature range **without** reduction in working load limit	Max. application temperature **with** WLL reduction	RUD BLUE-ID SYSTEM	DGUV approval	Certified according to the DNVGL guideline	Safety standard for lifting accessories
p. 34	 **VLBS / VLBS-U / VLBS-U-LT / VLBS-P** 1.5t – 16t			■		■	■	■		■	■	■		■	■	
p. 36	 **VRBS-FIX** 4t – 100t			■		■	■	■		■	■	■		■		
p. 37	 **VRBS** 4t – 31.5t			■		■	■			■	■	■				
p. 38	 **VRBK-FIX** 4t – 50t			■		■	■	■		■	■	■		■		
p. 39	 **W-ABA** 0.8t – 31.5t			■		■	■				■	■		■	■	
p. 40	 **VABH-W / VCGH-S** 1.5t – 20t			■		■					■	■				
p. 41	 **WPP-S / -B / -VIP** 0.63t – 8t	■	■	■		■	■		■	■	■	■				

VLBS / VLBS-U

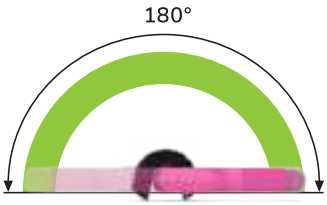
VIP-weldable load ring / VIP-load ring weldable-captive.

4:1 | 180° | -40° 200°C | 400°C max. | DGUV TEST | DNVGL TEST



PRODUCT FEATURES

- Large WLL range 1.5 t – 16 t.
- Functionally optimised shape of the suspension ring for better support at side loading and protection of the clamping spring.
- Suspension ring can be pivoted through 180°.
- WLL possible up to 90° in load ring plane.
- The clamping spring achieves noise reduction and keeps the suspension ring in the desired position.
- Distance knobs on the weld-on block for the necessary distance for root welding.
- Bracket and weld-on block for VLBS-U is captive due to the retaining spring.

Function-optimised shape of the suspension ring. 	Clamping spring. 	Distance knobs on weld-on block. 
180° WLL in the folding direction. 	180° WLL in the load ring plane. 	Clear marking of the minimum WLL. 

DGUV Test OA 1951043 Sicherheit geprüft tested safety dguv.de/pruefzeichen

✓ Tested and certified by DGUV.

Test criteria: GS-OA-15-04: 2015-12
Certificate no.: OA 1951043

VLBS-U-LT / VLBS-P

VIP-weldable load ring /
VIP-load ring weldable-captive.



VLBS-U-LT



VLBS-P

PRODUCT FEATURES

- Suspension ring can be pivoted through 180°.
- VLBS-U-LT: Proof of deep temperature ability down to –45° C via notch bar impact test.
- Suspension ring adjustable in the required position (VLBS-U-LT).
- Suspension ring and weld-on block for VLBS-U-LT is captive due to the retaining spring.
- VLBS-P for welding on pipes with a pipe diameter of 80 mm to 220 mm.

VLBS-U-LT
up to –45° C.



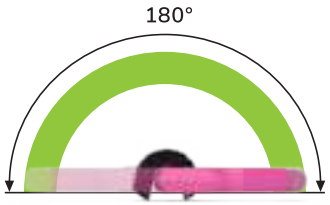


Clamping spring.

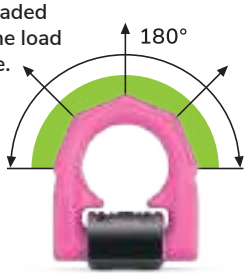
Distance knobs
on weld-on block.



Can be loaded 180° in the folding direction.



Can be loaded
180° in the load
ring plane.



VLBS-P



VRBS-FIX

VIP-Load ring weldable FIX.



PRODUCT FEATURES

- Large WLL range 4 t – 100 t.
- Split force introduction thanks to multiple point fixing.
- Suspension ring can be pivoted through 180°.
- WLL possible up to 90° in load ring plane.
- Thanks to the weld arrangement (circular fillet weld), no contact/crevice corrosion can occur.
- Forged markings for easy determination of the load angle.
- Patented wear markings for easy determination of wear.
- The clamping spring achieves noise reduction and keeps the suspension ring in the desired direction.

Split force introduction.

WLL possible up to 90° in load ring plane.



Patented fixing and clamping.



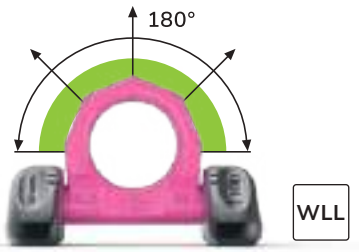
180° pivoting.



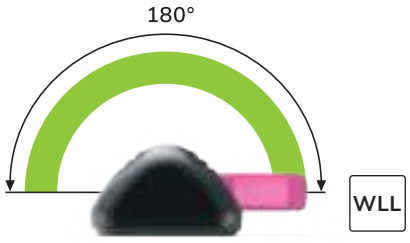
HY welding seam.



WLL angle in load ring plane.



WLL angle for side loading.



DGUV Test HM 220056 Sicherheit geprüft tested safety

✓ Tested and certified by DGUV.

Test criteria: GS-HM-36:2021-09
Certificate no.: HM 220056

- No time-consuming alignment of the weld-on blocks to the ring link.
- Parts firmly connected through radial clamping springs.
- No rusting: all-round HY weld.

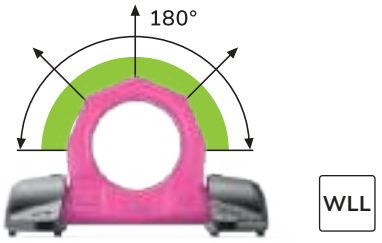
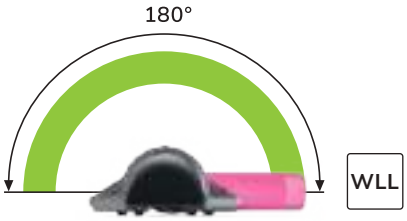
VRBS

VIP-Load ring for welding.



PRODUCT FEATURES

- Large WLL range 4 t – 31.5 t.
- Clear indication of the minimum WLL for all loading directions.
- Patented wear markings for easy determination of wear.
- Distance knobs on the weld-on block for the necessary distance for root welding.
- The weld-on block is forged from a material that is easy to weld.

Split force introduction. 	WLL possible up to 90° in load ring plane. 	180° pivoting. 
Patented wear marker. 	WLL angle in load ring plane. 	WLL angle for side loading. 

✓ Corresponds with the test criteria of BG/DGUV “GS-HM 36”.

- Split force introduction thanks to multiple point fixing.
- Suspension ring pivots 180°.
- WLL possible up to 90° in load ring plane.

VRBK-FIX

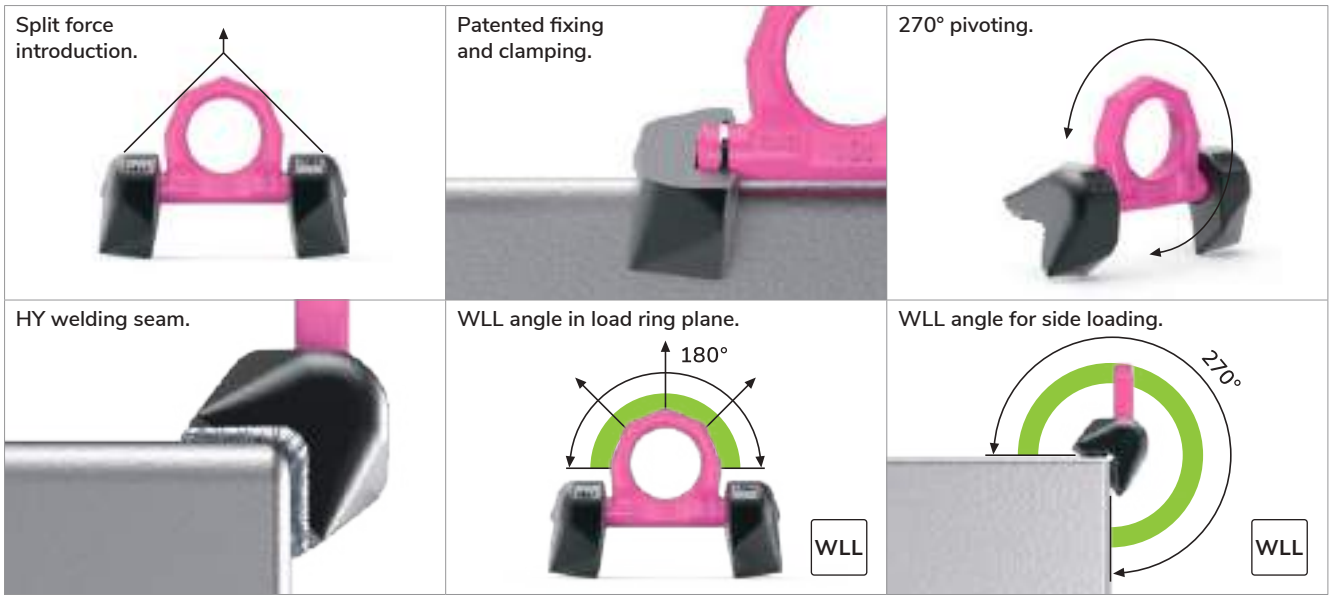
VIP-Load ring edge FIX.

4:1 | 270° | -40° 200°C | 400°C max. | DGUV TEST



PRODUCT FEATURES

- Large WLL range 4 t – 50 t.
- Split force introduction thanks to multiple point fixing.
- Suspension ring pivots 270°.
- WLL possible up to 90° in load ring plane.
- Thanks to the weld arrangement (circular fillet weld), no contact/crevice corrosion can occur.
- Patented wear markings for easy determination of wear.
- The clamping spring achieves noise reduction and keeps the suspension ring in the desired direction.



DGUV Test OA 1951041 Sicherheit geprüft tested safety dguv.de/pruefzeichen

✓ Tested and certified by DGUV.

Test criteria: GS-OA-15-04: 2015-12
Certificate no.: OA 1951041

- Can be pivoted through 270°.
- Pre-assembled unit of suspension ring and weld-on blocks.
- No rusting: all-round HY weld.

W-ABA

4:1 | -40° 200°C | 400°C max. | DGUV TEST | DNVGL TEST

Lifting point that can be loaded on all sides.



PRODUCT FEATURES

- Large WLL range 0.8 t – 31.5 t.
- Forged from a single piece, no rattling noise or shaking even with strong vibrations or shock loads, easy hinging of the lifting means possible.
- The weld arrangement (circular fillet weld) fulfils the requirements of DIN EN 1090, i.e. the endless weld seam prevents the formation of contact/crevice corrosion (thus suitable for outdoor constructions).
- Patented wear markings for easy determination of wear.

Forged from a single piece.



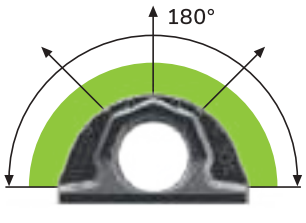
Clear marking of the minimum WLL.



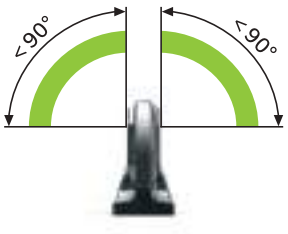
Circular fillet weld.



WLL angle in load ring plane.



WLL angle for side loading.



Patented wear marker.

Ready to be discarded. New.



DGUV Test
OA 1951042
Sicherheit geprüft
tested safety
dguv.de/pruefzeichen

✓ Tested and certified by DGUV.

Test criteria: GS-OA-15-04
Certificate no.: OA 1951042

- 4-times the safety against breakage.
- Patented wear markings inside and out.
- Tempered main body, making it more wear resistant.

VABH-W / VCGH-S

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

VIP-weld-on-block.



VABH-W (1)



VCGH-S (2)

PRODUCT FEATURES

- Large WLL range 1.5 t – 20 t.
- For combination with all conventional lifting means without additional connecting elements.
- Patented wear markings for easy determination of wear.
- Robust forged safety latch.
- Phosphated surface.
- VABH-W also for use an excavator hook.
- Simple and fast welding installation.

Robust forged hook latch.



For combination with all conventional lifting means.

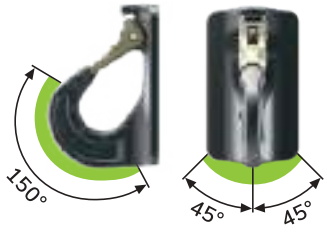


Patented wear marker.

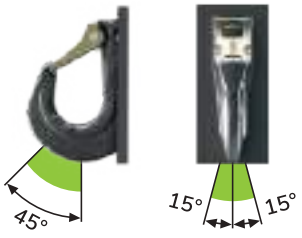


Ready to be discarded. New.

VABH-W



VCGH-S



✓ Corresponds with the test criteria of BG/DGUV “GS-HM 36”.

- As a weld-on point on trusses and beams.
- For ropes and round slings.
- For lifting means with eye or oval ring.

p. 40
p. 41

WPP-S / -B / -VIP

PowerPoint®-Star / eye connection / -VIP-weldable chain connection.



PRODUCT FEATURES

- Large WLL range 0.63 t – 8 t.
- WPP-S: weldable universal connection with hook for ring suspensions, round slings, wire ropes, hook suspensions.
- WPP-B: weldable eye connection for hook suspension.
- WPP-VIP: weldable direct chain connection.
- Rotatable 90° to the bolt-on direction under rated WLL.
- Lowest kinking possibility due to cardan joint.
- Can be rotated parallel to the weld-on surface under rated WLL.

Rotatable through 360°.



Double ball bearing – ideal for rotating and turning under load.





For combination with all conventional lifting means – without additional connecting elements.



Large clearance between the bolt-on surface and load.

90° rotatable through the bolt-on direction – low kinking possibility.



Extended pivoting area ~230°.



✓ Corresponds with the test criteria of BG/DGUV “GS-HM 36”.

- 360° rotatable, 230° pivotable.
- Double ball bearing for tilting, rotating and turning.
- Universal, non-mix-up VIP connection for chains, hooks and eyes.

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.



RUD LASHING EQUIPMENT.

RUD lashing equipment in quality class 12-ICE stand for fast attachment and extra safety when transporting loads. They enable high maximum lashing forces with comparatively small chain dimensions – i.e. high ergonomics through 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 WLL with a smaller chains diameter, but also a maximum of user-friendliness through easier, power-saving handling.



RUD TOOL MOVER TURNING TOOL.

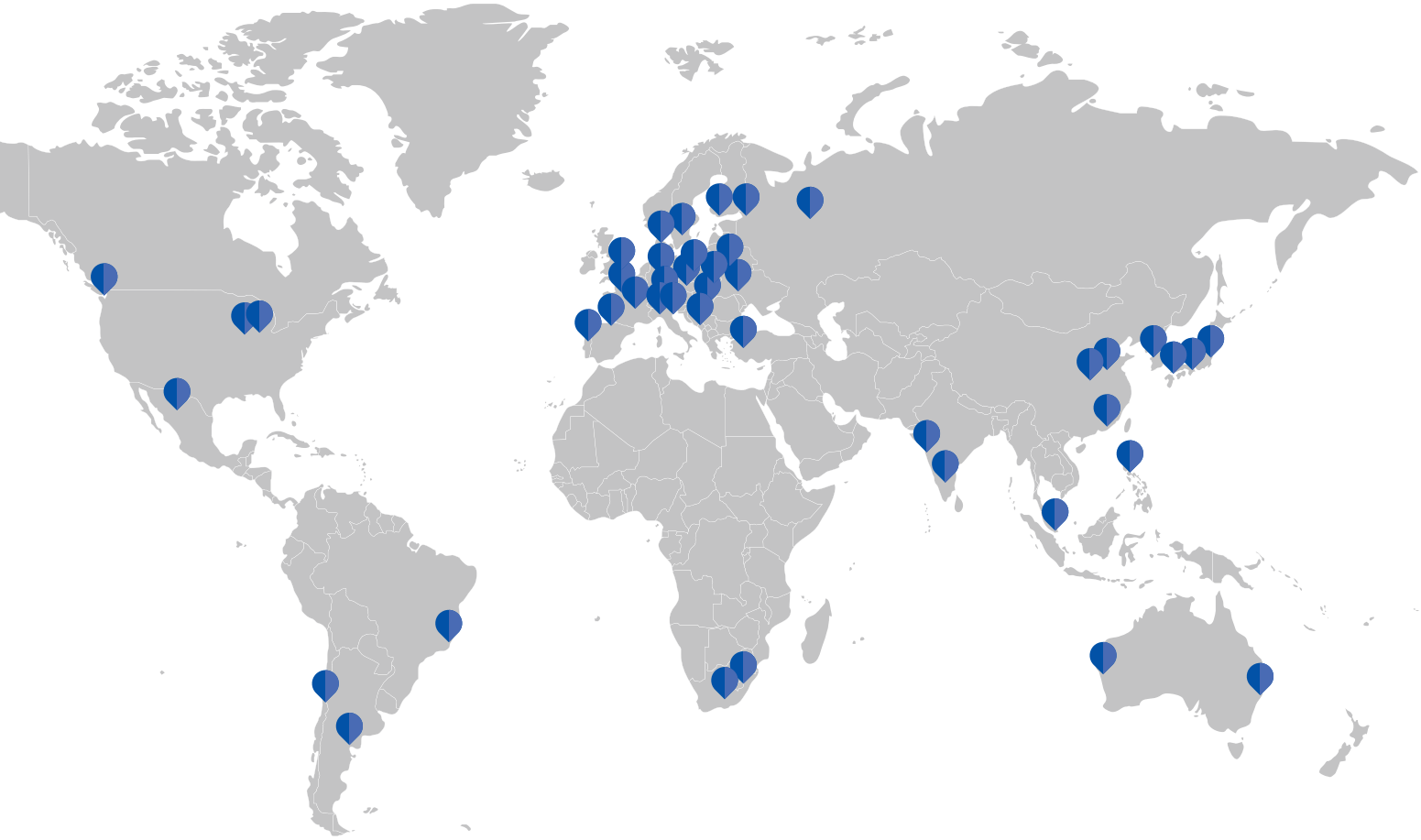
With the TOOL MOVER turning tool, tools weighing a ton and susceptible or injection moulds can be turned safely, ergonomically and in a time-saving manner. With the large choice of attachment parts, you not only protect the tools, but also your employees.



RUD EXPERT DIALOGUE.

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

AT HOME INTERNATIONALLY.



Users all over the world appreciate our innovative strength and our intelligent solutions for lifting, moving and securing loads. To be as close as possible to our customers, we are constantly expanding our worldwide sales and service network. Our large number of RUD subsidiaries, affiliated companies and specialist trade partners ensure that our consulting expertise and our products are available worldwide.

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RUD Ketten
Rieger & Dietz GmbH u. Co. KG

Friedensinsel
73432 Aalen, Germany

Phone: +49 7361 504-1070
Fax: +49 7361 504-1460

Mail: sling@rud.com
Web: slingandlashing.rud.com
www.rud.com

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