



WHY BALL BEARING?

An indispensable advancement for loads which have to be turned during lifting

Common lifting points with unsymmetrical force introduction can only be adjusted in direction of force.

This is sufficient in order to adjust the lifting point to the relevant pulling direction with multi-leg suspensions. This already has decisive advantages in comparison to the rigid standard eyebolt, because the standard eyebolt untwists hazardous and the WLL will

be reduced tremendously. **In practice, the necessity for lifting points which are suitable for the turning and flipping of loads becomes more and more apparent.**

For lifting with turning action, conventional lifting points without ball bearings at symmetrical and unsymmetrical force application are not suitable due to the extensive

friction within the lifting point. Under these circumstances unintended loosening of the bolt cannot be expelled, not even when the requested torque has been applied.

By extensive investments RUD succeeded in optimizing the popular type in such a way that without changing the mounting sizes a double ball bearing version was realised meeting all severe requirements.



VLBG adjustable in force direction – CANNOT be rotated under full load.



VLBG rotation test

PowerPoint® Collection

In a rotating use for 10 years. Until so far the only lifting point with double ball bearing allowing a jerk-free rotation

in all directions. **Important: Can be rotated under load, also 90° to the bolt-in position.** The intentional

bigger chosen distance between suspension and load allows a proper rotation in this position neither damaging the load nor the lifting mean.



PowerPoints® for bolting

The only lifting point with universal connection – without additional, bothersome and time-consuming shackle assembly. Suitable for sling chains, wire ropes and round slings. Saving load and time and of course equipped with RFID. Refer to brochure "Lifting Point Collection" or to www.rud.com (products and services / lifting- and lashing means / lifting points ready for bolting / PP PowerPoint®).



PowerPoints® in operation

CORRECT ROTATION!

ICE-LBG-SR SUPER ROTATION®



New! We have got the knack for the popular VLBG series – in Colour ICE-Pink.

Maintaining the design, without changing the old mounting sizes of the common VLBG – **can be rotated under full load in all directions.** Whether vertical to the top or under 90°C to the mounted bolt – the special ball bearing arranged in a double way transfers the forces of the WLL into a rotation movement without jerks, avoiding an unintentional unbolting of the fastening bolt.

The ICE-bolts, made of fine grain steel, in addition guarantee high static and dynamic strength with smallest bolt diameter.

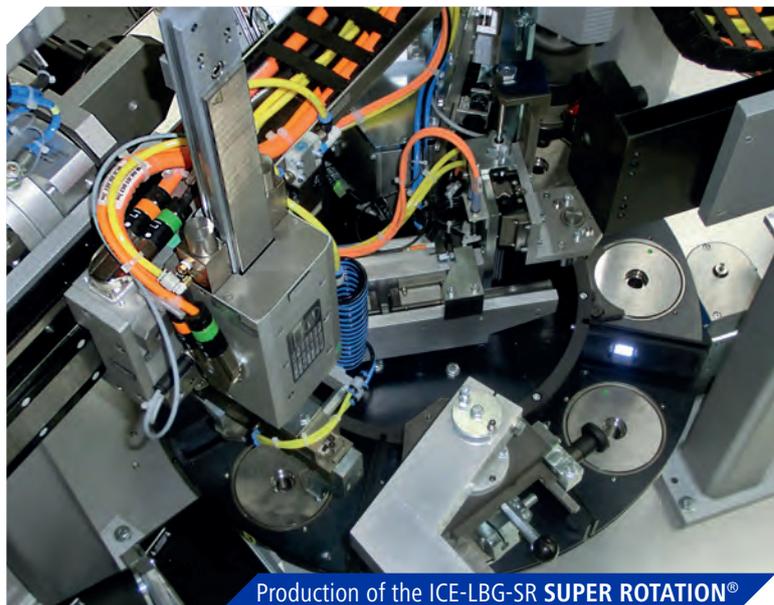
ICE-LBG-SR SUPER ROTATION® with double SR-ball-bearing, manufactured by RUD. MADE IN GERMANY. State-of-the art turning

and mounting machines assure safer benefit. Essential components of the ICE-LBG-SR have been applied for industrial property rights.

MADE
IN
GERMANY



ICE-LBG-SR SUPER ROTATION®



Production of the ICE-LBG-SR SUPER ROTATION®