

## Lifting Point-Vario VWBG-V 3,5t-M24X2 with var. length

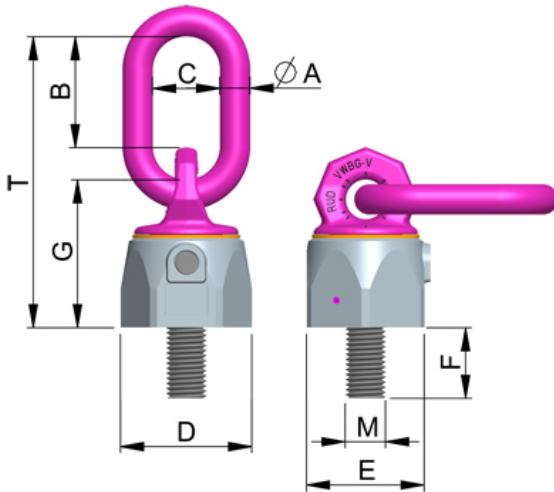
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Suitable for all loads which swivel and tilt. Can be loaded in all directions with a 4 : 1 design factor. From the factory, bolt lengths from F=24-42 can be mounted. When ordering implicitly indicate the required length. Suitable for through bores. Swiveling under full load is permissible provided the inclination angle is not perpendicular to the screw - in direction. Not suitable for permanent swiveling under full load. Easy assembly due to the single threaded tapping. High tensile, inspected suspension ring according to EN 1677 or DIN 5688-8. The surface is pink powder coated and zinc plated. Choose the attachment points in such a way that the introduced forces are accommodated by the work piece without being deformed. Make sure the bolting surface is plain. Ensure an appropriate bore depth to facilitate an optimal sitting of the engaging surface. Work piece material, at least 1.0037 (St 37). The BG recommends the following min. thread lengths: 1 x M for Steel 1,25 x M for Cast 2 x M for Aluminium For light metals, nonferrous heavy metals and grey cast iron, the thread type allocation must be done in such a way that, the WLL of the thread type fulfils the requirements of the respective work piece. Owing to the presence of the ball bearing, in case of a single transportation procedure, fastening with a flat wrench according to DIN 895 or DIN 894 without using an extension is enough. Without a washer, the seat - engaging surface of the VWBG-V (D) must completely and evenly lie onto the surface of the work piece. Is the VWBG-V to be permanently loaded, it must be tightened with a torque of 150 Nm. When impact loaded or operated in environments with skewing and vibrations, unintentional loosening can happen, especially if through bolts with nuts are used. Securing possibilities: Use of a liquid thread securing medium eg. Loctite ( follow the manufacturer's recommendations) or positive bolt securing for example using a castellated nut with a split pin, counter nut etc.

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|                    |          |                 |
|--------------------|----------|-----------------|
| <b>weight</b>      | 0.27 kg  | 0.60 lbs        |
| <b>Nominal WLL</b> | 3500 kg  | 7700 lbs        |
| <b>T</b>           | 173 mm   | 6-13/16"        |
| <b>A</b>           | 18 mm    | 23/32"          |
| <b>B</b>           | 66 mm    | 2-5/8"          |
| <b>C</b>           | 40 mm    | 1-9/16"         |
| <b>D</b>           | 81 mm    | 3-3/16"         |
| <b>E</b>           | 70 mm    | 2-3/4"          |
| <b>F</b>           | 24-42 mm | 15/16" up to 1- |
| <b>G</b>           | 88 mm    | 3-15/32"        |
| <b>M</b>           | M24X2 mm | M24X2           |