

## Lifting Point threaded VWBG 12t(15t)-M45

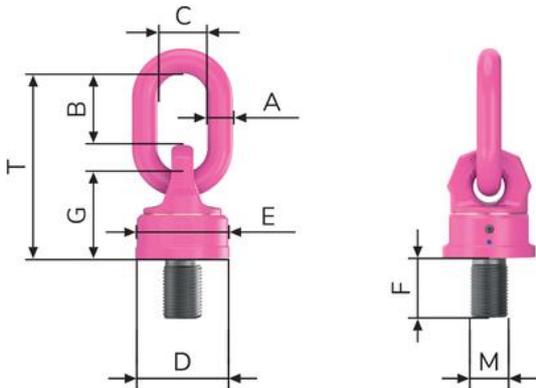
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With increased WLL in axial direction and when load ring is aligned. For all loads, which have to be flipped and turned-over. Loadable in any direction: Safety factor 4. Can be turned under load. Cannot be turned continuously in 90° direction at full load. Can also be supplied with longer thread lengths. Simple assembly, just a tapped hole is required. High tensile, tested lifting lug acc. to EN1677-4. Surface: Pink powder coated. The bolting position has to be designed in such a way that the introduced forces are accommodated by the work piece without being deformed. Pay attention to a plane surface. Blind holes have to be drilled deep enough to make sure that bolt-on flange has a proper support. Minimum steel quality 1.0037 ( ST37 ) When using light metals, non ferrous heavy metals and grey cast iron, the thread classification must be chosen in such a way that the WLL of the thread is according to the strength of the base material. Due to the ball bearings, for a normal single lift, tightening with a wrench without an extension acc. to DIN 895 respectively DIN 894 is sufficient. The VWBG must have full support on the bolt-on surface ( D ) without using a shim ring. If the VWBG stays permanent at the load, tensioning with a torque of 550 Nm is required. In case of shock loading, twisting or vibrating, especially with through hole bolt connections using nuts, an unintentional dismounting may occur. Securing possibilities: A liquid locking glue, f.e. Loctite ( Read instructions of manufacturer ) or a mechanical form locking bolt device f.e. a crown nut with a cotter should be used.

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<b>weight</b>	6.24 kg	13.76 lbs
<b>Nominal WLL</b>	12000 kg	26450 lbs
<b>T</b>	234 mm	9-7/32"
<b>A</b>	26 mm	1"
<b>B</b>	111 mm	4-13/32"
<b>C</b>	65 mm	2-9/16"
<b>D</b>	98 mm	3-27/32"
<b>E</b>	85 mm	3-11/32"
<b>F</b>	67 mm	2-5/8"
<b>G</b>	95 mm	3-3/4"
<b>M</b>	M45 mm	M45