



G80 Swivel Lifting Points

Instructions for Safe Use





General

All lifting operations should only be carried out by suitably trained and experienced persons, ensure the area is clear of personnel and obstructions before commencing the lift, large loads should be controlled with tagline(s). Do not leave loads suspended for extended periods.

Before use, the swivel lifting point should be inspected for deformation, cracking, wear, mechanical or heat damage and corrosion, if in doubt consult a competent person before use.

Do not exceed the working load limit (WLL) shown on the swivel lifting point. The attached table shows the load lifting capacity when used at 0° and 90°.

Do not subject the swivel lifting point to shock loading and ensure that the load is stable and not swinging during the lifting operation.

The swivel lifting points are manufactured from high strength steel and should not be used in areas where they may be exposed to strong acids or alkalis or other corrosive chemicals.

Installation

The load ring should be installed by a suitable trained and competent person. Once screwed tight the load ring should be free to rotate 360°.

Tapped holes should be machined deep enough to allow the bearing surface of the lifting point to be supported. The holes should be placed in a suitable location away from the edges of the material. The thread must be perpendicular to the surface of the load.

The material where the lifting location for the swivel lifting point is attached should be of adequate strength to withstand the lifting forces without deformation.

For a single lift hand tightening with a spanner is enough. For long term use or multiple lifts, the bolt should be tightened and Loctite or similar fluid used to secure the thread.

If the long thread lifting point is attached to material using a through hole and nuts then threads should be locked using Loctite or similar, locking nuts or castle nuts and cotter pins.

The lifting point(s) should be positioned in such a way that movement is avoided during lifting, for single leg lifts the load ring should be positioned above the centre of gravity (C of G) of the load. For two leg lifts the lifting points should be placed equidistant from the C of G ensuring the lifting device is above the C of G.

For three or four leg lifts the lifting points should be positioned symmetrically around the C of G in the same plane.

Use

Inspect all swivel lifting points once in place ensuring the installation is correct.

Ensure the suspension ring is aligned in the direction of force before lifting.

Make sure the suspension ring is not loaded across a sharp edge and that the hook or other attachment fits easily into the ring without tip loading of the hook.

Inspection and Maintenance

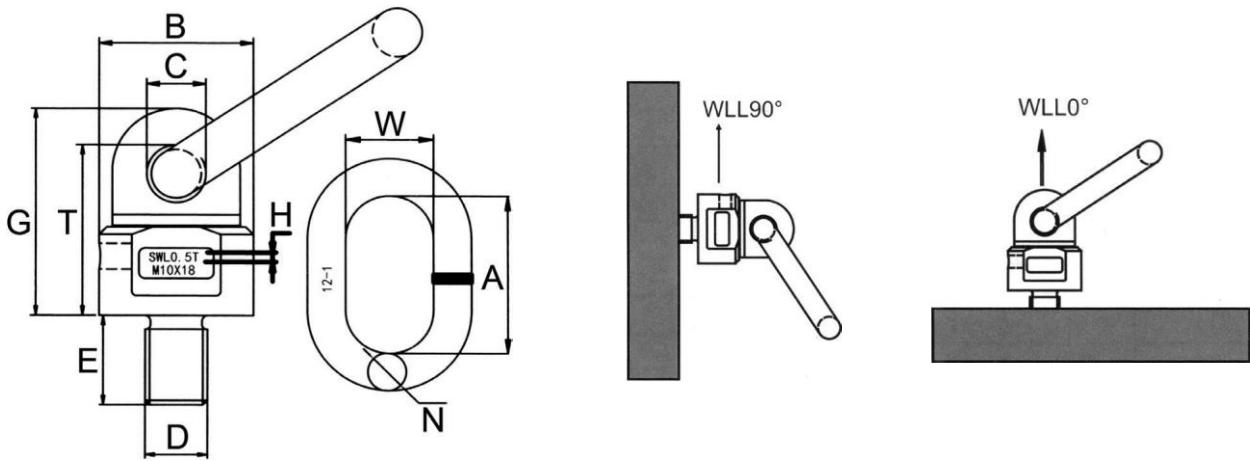
Regular inspections should be carried out and recorded by a competent person in accordance with applicable national standards or at least annually. If used in harsh environments the inspection periods should be shortened as advised by a suitably competent person.

Before inspection, the swivel lifting point should be clean and free from oil, dirt and rust which may hide defects.

- Inspect for general condition and repair.
- The lifting point should be free from deformation, cracking, wear, mechanical or heat damage, weld spatter and corrosion.
- Ensure the lifting eye is free to rotate in all directions.
- Do not modify, weld or repair the swivel lifting point.
- Destroy any rejected item by cutting the lifting eye before disposal.

After inspection oil the threads and store the swivel lifting points on a suitable rack in dry clean conditions.

Product Specifications



ProductCode	DxE mm	WLL		B mm	C mm	G mm	T mm	A mm	W mm	N mm	N.W kg
		0°	90°								
G8-SWIV-RING-25259	M8x13	0.60	0.30	36	15	51	41	55	30	13	0.41
G8-SWIV-RING-25260	M10x18	0.90	0.45	36	15	51	41	55	30	13	0.43
G8-SWIV-RING-25261	M12x18	1.00	0.50	36	15	51	41	55	30	13	0.45
G8-SWIV-RING-25261-45	M12x45	1.00	0.50	36	15	51	41	55	30	13	0.47
G8-SWIV-RING-25261-110	M12x110	1.00	0.50	36	15	51	41	55	30	13	0.53
G8-SWIV-RING-25262	M16x20	2.00	1.12	36	15	52	42	55	30	13	0.46
G8-SWIV-RING-25262-45	M16x45	2.00	1.12	36	15	52	42	55	30	13	0.48
G8-SWIV-RING-25262-120	M16x120	2.00	1.12	36	15	52	42	55	30	13	0.60
G8-SWIV-RING-25263	M20x30	4.00	2.00	49.5	19	68	56	70	35	16	0.96
G8-SWIV-RING-25263-120	M20x120	4.00	2.00	49.5	19	68	56	70	35	16	1.17
G8-SWIV-RING-25264	M24x30	6.30	3.15	57	22	78	65.5	85	40	18	1.45
G8-SWIV-RING-25264-90	M24x90	6.30	3.15	57	22	78	65.5	85	40	18	1.66
G8-SWIV-RING-25264-120	M24x120	6.30	3.15	57	22	78	65.5	85	40	18	1.74
G8-SWIV-RING-25266	M30x35	10.60	5.30	66	23.5	96.5	80.5	85	40	20	2.17
G8-SWIV-RING-25266-120	M30x120	10.60	5.30	66	23.5	96.5	80.5	85	40	20	2.60
G8-SWIV-RING-25268	M36x50	11.80	8.00	80	27	109	89.5	115	50	22	3.60
G8-SWIV-RING-25268-120	M36x120	11.80	8.00	80	27	109	89.5	115	50	22	4.25