

# HEAVY DUTY LIFTING POINT

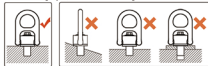


## OPERATION NOTE

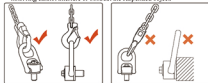
1. Hoist rings are not used for long-term bearing capacity; it can not swivel for long time.
2. During the lifting process, it is forbidden to swing and sway the sling, and the lifting must be moved at a constant speed and slowly.
3. When the lifting process slips and slides, please stop using it immediately.
4. When the hoist ring uses in the chemical environment, please consult the manufacturer.
5. If it found that hoist ring of corrosion, cracks, abrasion, bending, deformation, or damage, it is prohibited to use Continually.

## Installation instruction

1. The threaded hole of the lifting object must be perpendicular to the surface of the object, and the thread size matches the swivel ring.
2. The bottom of the swivel ring must be tightly attached to the lifting object, to prevent gaps from causing large bending moments and to prevent from reducing the life of the hoist ring.
3. Prohibited to put gasket or other fittings between the hoist ring and the lifting object, or remodel the hoist ring.



4. The hoist ring must be mounted on a hard metal surface such as steel or iron. It is forbidden to be installed on soft materials such as wood boards and cement.
5. Chooosed the right lifting tool to match with hoist ring, and ensure that the direction of force is appropriate.
6. The hoist ring must be mounted at the center of gravity or symmetrically mounted around the center of gravity.
7. After the hoist ring is installed, when the hoist ring is forced, the hoist ring cannot interfere or obstruct the suspended object.

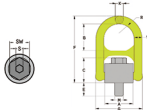


## Inspection and maintenance

1. Please check the appearance before using the hoist ring, if it found that signs of corrosion, cracks, abrasion, bending, deformation, or damage, it is prohibited to use continually.
2. Before using the hoist ring, please check if the swivel and pivot are smooth, hoist ring should be swivel 360° with pivot 180°.
3. Before using the hoist ring, please check if the thread and threaded hole are properly fitted, and whether the bolts are locked.
4. Regularly inspect the hoist ring crack.
5. Please keep the product clean and proper use environment.



⚠ According to the weight of the lifting object and the lifting plan, strictly follow the product working load form and select the appropriate model.



| NO. | WLL/t | SPEC     | parameters mm |    |    |      |     |     |    |      |    |    |    | Locking torque Nm | UW kg |
|-----|-------|----------|---------------|----|----|------|-----|-----|----|------|----|----|----|-------------------|-------|
|     |       |          | E             | A  | B  | C    | F   | G   | V  | R    | S  | SW | K  |                   |       |
| M8  | 0.5   | M8×1.25  | 12            | 33 | 35 | 30   | 86  | 56  | 10 | 17.5 | 6  | 13 | 10 | 10-40             | 0.3   |
| M10 | 0.7   | M10×1.5  | 15            | 33 | 35 | 30   | 86  | 56  | 10 | 17.5 | 6  | 13 | 10 | 10-40             | 0.3   |
| M12 | 1     | M12×1.75 | 20            | 33 | 35 | 30   | 86  | 56  | 10 | 17.5 | 6  | 13 | 10 | 15-40             | 0.3   |
| M14 | 1.5   | M14×2.0  | 21            | 50 | 55 | 46   | 131 | 85  | 14 | 27   | 8  | 18 | 13 | 30-100            | 1     |
| M16 | 2     | M16×2.0  | 24            | 50 | 55 | 46   | 131 | 85  | 14 | 27   | 8  | 18 | 13 | 45-130            | 1     |
| M18 | 2.5   | M18×2.5  | 26            | 65 | 66 | 57   | 163 | 109 | 18 | 34.5 | 10 | 24 | 16 | 100-170           | 2     |
| M20 | 3     | M20×2.5  | 30            | 65 | 66 | 57   | 163 | 109 | 18 | 34.5 | 10 | 24 | 16 | 100-170           | 2     |
| M24 | 5     | M24×3.0  | 36            | 65 | 66 | 57   | 163 | 109 | 18 | 34.5 | 10 | 24 | 16 | 190-280           | 2     |
| M27 | 5.6   | M27×3.0  | 38            | 87 | 80 | 82.5 | 219 | 150 | 27 | 45.5 | 12 | 30 | 25 | 250-500           | 5.5   |
| M30 | 7.8   | M30×3.5  | 48            | 87 | 80 | 82.5 | 219 | 150 | 27 | 45.5 | 12 | 30 | 25 | 270-600           | 5.6   |
| M36 | 9     | M36×4.0  | 54            | 87 | 80 | 82.5 | 219 | 150 | 27 | 45.5 | 12 | 30 | 25 | 270-600           | 5.7   |

| Lifting solution | 1              | 2    | 1   | 2    | 2     | 2      | 3 or 4     | 3 or 4 | 3 or 4 | 3 or 4     |
|------------------|----------------|------|-----|------|-------|--------|------------|--------|--------|------------|
| Number of leg    | 1              | 2    | 1   | 2    | 2     | 2      | 3 or 4     | 3 or 4 | 3 or 4 | 3 or 4     |
| Load direction   | 0°             | 0°   | 90° | 90°  | 0-45° | 45-60° | Asymmetric | 0-45°  | 45-60° | Asymmetric |
| Product model    | Lifting load/t |      |     |      |       |        |            |        |        |            |
| M8               | 0.8            | 1.6  | 0.5 | 1    | 0.7   | 0.5    | 0.5        | 1.05   | 0.75   | 0.5        |
| M10              | 1.2            | 2.4  | 0.7 | 1.4  | 0.98  | 0.7    | 0.7        | 1.47   | 1.05   | 0.7        |
| M12              | 2              | 4    | 1   | 2    | 1.4   | 1      | 1          | 2.1    | 1.5    | 1          |
| M14              | 2.4            | 4.8  | 1.5 | 3    | 2.1   | 1.5    | 1.5        | 3.15   | 2.25   | 1.5        |
| M16              | 3.2            | 6.4  | 2   | 4    | 2.8   | 2      | 2          | 4.2    | 3      | 2          |
| M18              | 5              | 10   | 2.5 | 5    | 3.5   | 2.5    | 2.5        | 5.25   | 3.75   | 2.5        |
| M20              | 5.6            | 11.2 | 3   | 6    | 4.2   | 3      | 3          | 6.3    | 4.5    | 3          |
| M24              | 9.2            | 18.4 | 5   | 10   | 7     | 5      | 5          | 10.5   | 7.5    | 5          |
| M27              | 9.5            | 19   | 5.6 | 11.2 | 7.84  | 5.6    | 5.6        | 11.76  | 8.4    | 5.6        |
| M30              | 12             | 24   | 7.8 | 15.6 | 10.92 | 7.8    | 7.8        | 16.38  | 11.7   | 7.8        |
| M36              | 12.5           | 25   | 9   | 18   | 12.6  | 9      | 9          | 18.9   | 13.5   | 9          |