



TIANJIN YIYUN RIGGING CO.,LTD

ADD: No. 1, No.5 Road, Jiuyuan Industrial  
Park, Baodi District, Tianjin China  
TEL: +86 22 88711776

Website: [www.fgmachinery.com](http://www.fgmachinery.com)  
E-mail: [info@fgerusher.com](mailto:info@fgerusher.com)

**YIYUN**  
PROFESSIONAL HOIST RING MANUFACTURER



# **HOIST RING** **2025** **PRODUCT SELECTION GUIDE**



## S-Series Hoist Rings Upgraded And Launched



### Process upgrade ↗

Precision forging into one piece, optimized heat treatment process, and improved hardenability.

### Material upgrade ↗

Further optimize the composition of alloy elements in raw materials to make them more scientifically reasonable.

### Upgraded anti-corrosion performance ↗

The salt spray test time has been significantly increased, and it has strong corrosion resistance, making it suitable for marine, outdoor and other environments.

### Upgraded tensile and fatigue resistance performance ↗

At the same time as improving fatigue resistance, the maximum tensile performance is increased by 8% to 13%.

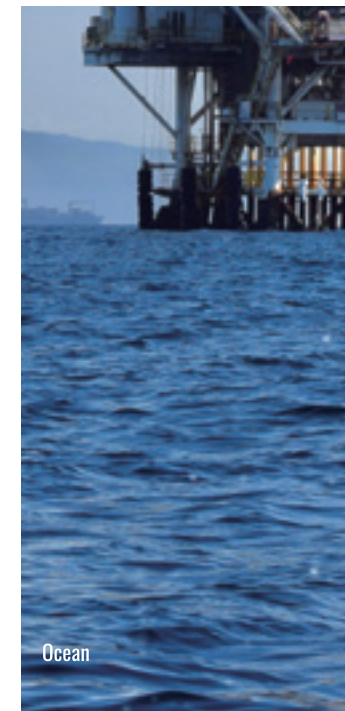


The surface of the lifting ring has undergone special process treatment, with strong corrosion resistance.

Suitable for corrosive environments such as the ocean and high chloride ions.

Salt spray test for more than 400 hours

Applicable to various working conditions, including but not limited to the following scenarios





# ABOUT US

23

years of development time

40000

square meters factory area

60<sup>+</sup>

exporting countries

2

R&D laboratories

Tianjin YIYUN Rigging Co., Ltd. is located in Baodi Jiuyuan Industrial Park, Tianjin. It is a comprehensive manufacturing enterprise specializing in the production of industrial equipment lifting points and lifting slings. The company has strong independent research and development, production, and service capabilities, as well as rich industry experience.

For many years, the company has been committed to the research and design of high-quality industrial equipment lifting points and rigging equipment. It is managed according to the ISO9001-2015 quality system procedures and has obtained product certification from China Classification Society and EU CE certification, providing customers with audit qualifications.

The company has a huge advantage in industrial supporting facilities, with its own forging factory, robot CNC precision machining factory, assembly workshop, and testing workshop. There are sound control procedures in various aspects related to quality, such as the procurement of accessories and raw materials, production operations and process inspections of various processes, product assembly and warehousing inspections, to ensure the management of product quality.

The company's sales network is steadily developing, and its products have been exported to multiple countries and regions. They are widely used in lifting work in industrial fields such as equipment manufacturing and mold manufacturing, and have received high praise both domestically and internationally.

YIYUN

## OUR COMPANY HAS FULLY APPROVED

GB/T19001-2016



GB/T45001-2020



GB/24001-2016



SY/T6276-2014





## Certification by China Classification Society



Only partial qualification certificates are displayed. For more certificates, please contact sales personnel or visit the official website [www.tjiyun.cn](http://www.tjiyun.cn) to view.

Our company's main lifting ring products have all been insured with product liability insurance, providing you with more safety protection.

## EXPERIMENTAL TESTING

Each batch of Yiyun lifting rings must undergo seven fold experimental testing

## ■ Spectral experiment:

After each batch of round steel enters the factory, spectral testing must be conducted

## ■ Fatigue test:

Conduct 20000 fatigue tests at 1.5 times the maximum working load

## ■ Static load test:

Conduct static load test with a factor of 2.5 times the ultimate working load

## ■ Breaking test:

Conduct a breaking tensile test based on a factor of 4 times the ultimate working load

## ■ Magnetic particle inspection experiment:

After the heat treatment process, all batches of metal forgings shall undergo magnetic particle inspection in accordance with the prescribed requirements

## ■ Salt spray experiment:

Conduct salt spray experiments on surface treatment processes, with different requirements for different surface processes

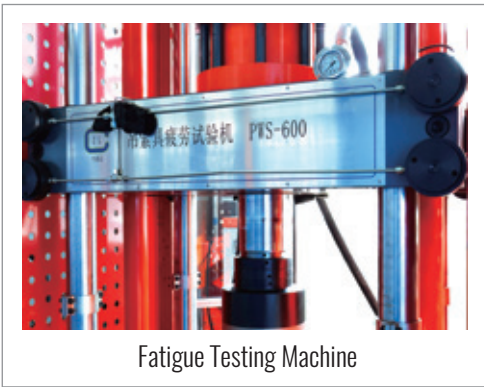
## ■ Hardness testing:

After the heat treatment process, random inspections are conducted on metal forgings of different models and specifications, and hardness testing is carried out



EXPERIMENTAL EQUIPMENT

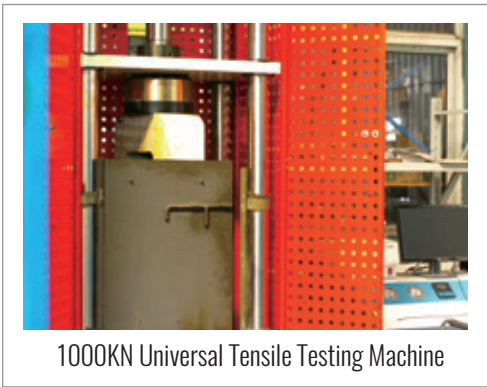
The company regards research and development innovation as its primary productive force, and has established two laboratories: a material analysis laboratory and a mechanical testing center



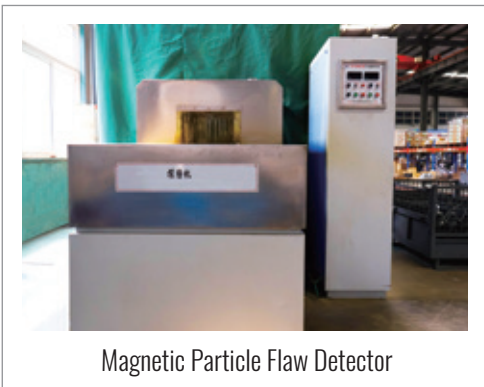
Fatigue Testing Machine



2000KN Horizontal Tensile Testing Machine



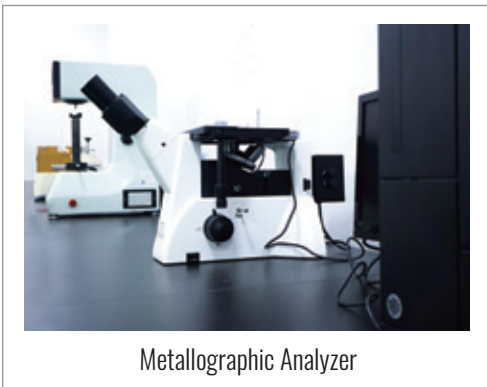
1000KN Universal Tensile Testing Machine



Magnetic Particle Flaw Detector



Digital Rockwell Hardness Tester



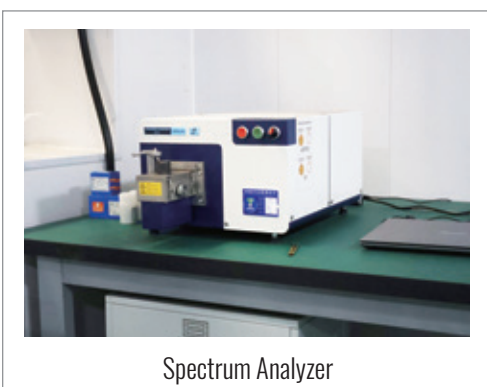
Metallographic Analyzer



Material Analysis Laboratory



Salt Spray Test Chamber



Spectrum Analyzer

PRODUCTION WORKSHOP & FINISHED PRODUCT WAREHOUSE



Automated Lathe Workshop



Semi-finished Goods Warehouse



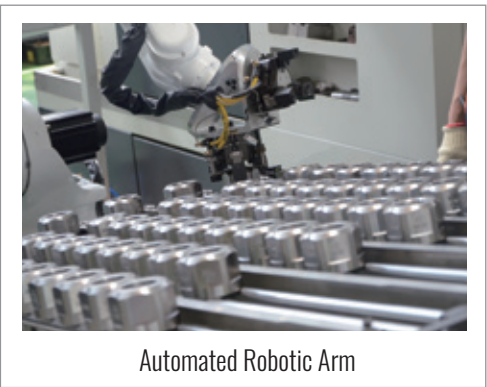
Heat Treatment Workshop



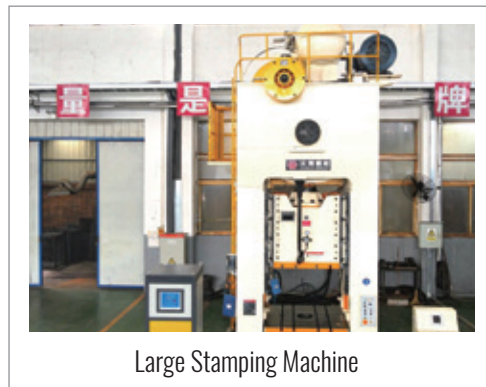
Surface Treatment Workshop



Finished Goods Warehouse



Automated Robotic Arm



Large Stamping Machine



Precision Machining Workshop



Heat treatment CNC room



Steel Warehouse



Shot Blasting Cleaning Machine



Stamping Workshop



NEW



P13 Heavy Duty Lifting Point-S

NEW



P17 Universal Hoist Ring-S

NEW



P23 Key Eye Point-S

NEW



P27 YDS-S



P31 Heavy Duty Lifting Point



P35 Universal Hoist Ring



P41 Swivel Hoist Ring-Nut type



P43 YDS

NEW



P47 Duplex Stainless Steel Eye Bolt

NEW



P49 Heavy Duty Flange Lifting Point

Lifting Point P51



Safe Rotating Lifting Ring P55



NEW

G80 Lifting Point P63



Welded Lifting Lug P64



Key Eye Point P65



Concrete Precast Element Lifting P69



Angular Contat Bearing Swivels-UU P71



Angular Contat Bearing Swivels-style P72



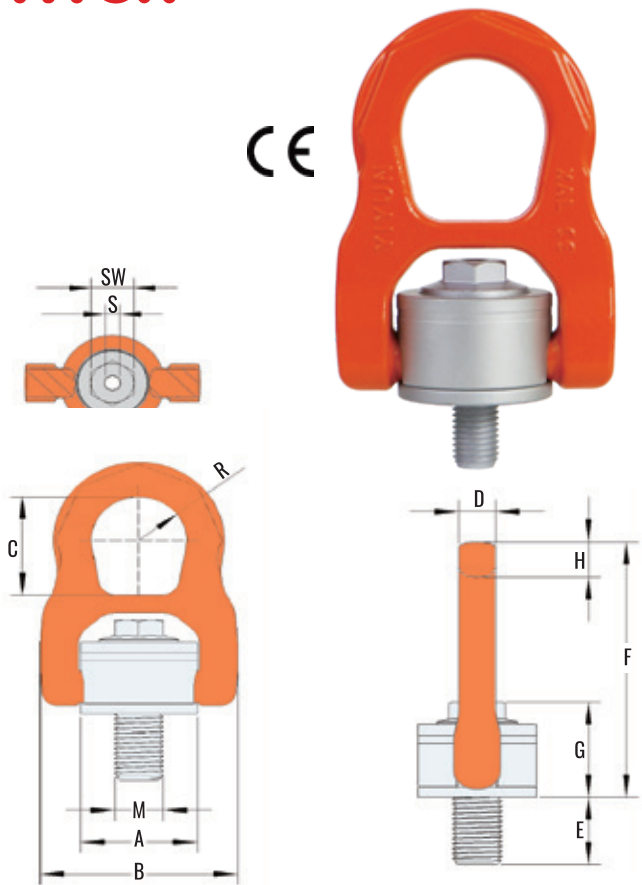
Angular Contat Bearing Swivels-00 P73



Angular Contat Bearing Swivels-OU P74







- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- The composition of alloy elements is more scientific, and the bolts are made of precision forged alloy steel with a tensile strength greater than 1080 MPa after quenching and tempering.
- The thread specifications are complete and the rated load range is wide (M8-M64, 0.5T-22.5T). The thread size can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- The hexagonal design on the top of the bolt allows for easy installation of the lifting point on the lifted object.
- Bolt anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

HEAVY DUTY HOIST RING S | Metric Thread **NEW**

| ITEM NO     | WLL/T | M       | Technical Parameter mm |     |     |     |      |     |      |    |      |    |    | Nm  | Kg   |
|-------------|-------|---------|------------------------|-----|-----|-----|------|-----|------|----|------|----|----|-----|------|
|             |       |         | E                      | A   | B   | C   | D    | F   | G    | H  | R    | S  | SW |     |      |
| YD082S-M6   | 0.2   | 6×1.0   | 12                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 10  | 0.3  |
| YD082S-M8   | 0.5   | 8×1.25  | 12                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 10  | 0.3  |
| YD082S-M10  | 0.7   | 10×1.5  | 15                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 10  | 0.3  |
| YD082S-M12  | 1     | 12×1.75 | 20                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 15  | 0.35 |
| YD082S-M14  | 1.5   | 14×2.0  | 21                     | 50  | 90  | 50  | 15   | 125 | 44   | 18 | 22   | 8  | 19 | 30  | 1.15 |
| YD082S-M16  | 2     | 16×2.0  | 24                     | 50  | 90  | 50  | 15   | 125 | 44   | 18 | 22   | 8  | 19 | 50  | 1.2  |
| YD082S-M18  | 2.5   | 18×2.5  | 26                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 70  | 2.6  |
| YD082S-M20  | 3     | 20×2.5  | 30                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 100 | 2.65 |
| YD082S-M22  | 4     | 22×2.5  | 33                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 100 | 2.7  |
| YD082S-M24  | 5     | 24×3.0  | 36                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 160 | 2.75 |
| YD082S-M27  | 5.6   | 27×3.0  | 38                     | 87  | 147 | 80  | 26.5 | 206 | 76.5 | 28 | 35.5 | 14 | 34 | 200 | 5.45 |
| YD082S-M30  | 7.8   | 30×3.5  | 48                     | 87  | 147 | 80  | 26.5 | 206 | 76.5 | 28 | 35.5 | 14 | 34 | 500 | 5.8  |
| YD082S-M33  | 8.3   | 33×3.5  | 48                     | 87  | 147 | 80  | 26.5 | 206 | 76.5 | 28 | 35.5 | 14 | 34 | 500 | 5.7  |
| YD082S-M36S | 9     | 36×4.0  | 54                     | 87  | 147 | 80  | 26.5 | 206 | 76.5 | 28 | 35.5 | 14 | 34 | 500 | 6    |
| YD082S-M36B | 12.5  | 36×4.0  | 56                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 600 | 11.5 |
| YD082S-M39  | 13.8  | 39×4.0  | 56                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 600 | 11.7 |
| YD082S-M42  | 15.6  | 42×4.5  | 63                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 600 | 11.8 |
| YD082S-M45  | 17.5  | 45×4.5  | 63                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 600 | 11.9 |
| YD082S-M48  | 20    | 48×5.0  | 72                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 600 | 12.1 |
| YD082S-M52  | 20    | 52×5.0  | 72                     | 123 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 800 | 15.5 |
| YD082S-M56  | 22    | 56×5.5  | 84                     | 123 | 200 | 110 | 35   | 279 | 107  | 36 | 48.5 | 22 | 55 | 800 | 15.9 |
| YD082S-M60  | 22    | 60×5.5  | 84                     | 123 | 200 | 110 | 35   | 279 | 107  | 36 | 48.5 | 22 | 55 | 800 | 16.2 |
| YD082S-M64  | 22.5  | 64×6.0  | 100                    | 123 | 200 | 110 | 35   | 279 | 107  | 36 | 48.5 | 22 | 55 | 800 | 16.7 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



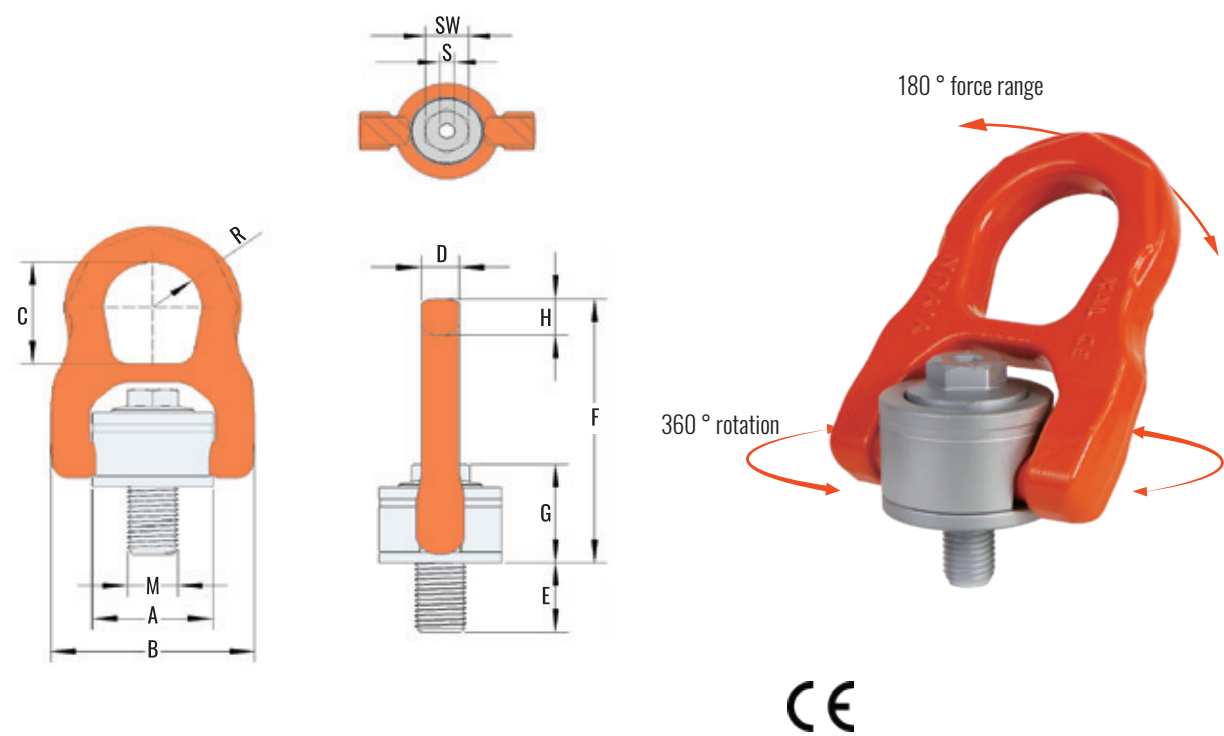
Lifting method



| Number        |         | 1                      | 2    | 1    | 2    | 2     |        | 2          | 3-4   |        | 3-4        |
|---------------|---------|------------------------|------|------|------|-------|--------|------------|-------|--------|------------|
| Lifting angle |         | 0°                     | 0°   | 90°  | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO       | M       | Working limit load / T |      |      |      |       |        |            |       |        |            |
| YD082S-M6     | 6×1.0   | 0.4                    | 0.8  | 0.2  | 0.4  | 0.28  | 0.2    | 0.2        | 0.42  | 0.2    | 0.2        |
| YD082S-M8     | 8×1.25  | 0.8                    | 1.6  | 0.5  | 1    | 0.7   | 0.5    | 0.5        | 1.05  | 0.75   | 0.5        |
| YD082S-M10    | 10×1.5  | 1.2                    | 2.4  | 0.7  | 1.4  | 0.98  | 0.7    | 0.7        | 1.47  | 1.05   | 0.7        |
| YD082S-M12    | 12×1.75 | 2                      | 4    | 1    | 2    | 1.4   | 1      | 1          | 2.1   | 1.5    | 1          |
| YD082S-M14    | 14×2.0  | 2.4                    | 4.8  | 1.5  | 3    | 2.1   | 1.5    | 1.5        | 3.15  | 2.25   | 1.5        |
| YD082S-M16    | 16×2.0  | 3.2                    | 6.4  | 2    | 4    | 2.8   | 2      | 2          | 4.2   | 3      | 2          |
| YD082S-M18    | 18×2.5  | 5                      | 10   | 2.5  | 5    | 3.5   | 2.5    | 2.5        | 5.25  | 3.75   | 2.5        |
| YD082S-M20    | 20×2.5  | 5.6                    | 11.2 | 3    | 6    | 4.2   | 3      | 3          | 6.3   | 4.5    | 3          |
| YD082S-M22    | 22×2.5  | 7                      | 14   | 4    | 8    | 5.5   | 4      | 4          | 8     | 6      | 4          |
| YD082S-M24    | 24×3.0  | 9.2                    | 18.4 | 5    | 10   | 7     | 5      | 5          | 10.5  | 7.5    | 5          |
| YD082S-M27    | 27×3.0  | 9.5                    | 19   | 5.6  | 11.2 | 7.84  | 5.6    | 5.6        | 11.76 | 8.4    | 5.6        |
| YD082S-M30    | 30×3.5  | 12                     | 24   | 7.8  | 15.6 | 10.92 | 7.8    | 7.8        | 16.38 | 11.7   | 7.8        |
| YD082S-M33    | 33×3.5  | 13                     | 26   | 8.3  | 16.6 | 11.6  | 8.3    | 8.3        | 17.4  | 12.45  | 8.3        |
| YD082S-M36S   | 36×4.0  | 13                     | 26   | 9    | 18   | 12.6  | 9      | 9          | 19    | 13.5   | 9          |
| YD082S-M36B   | 36×4.0  | 14                     | 28   | 12.5 | 25   | 17.5  | 12.5   | 12.5       | 26.25 | 14     | 12.5       |
| YD082S-M39    | 39×4.0  | 15                     | 30   | 13.8 | 17.6 | 19.3  | 13.8   | 13.8       | 28.5  | 20.7   | 13.8       |
| YD082S-M42    | 42×4.5  | 16                     | 32   | 15.6 | 31.2 | 21.8  | 15.6   | 15.6       | 32.8  | 23.4   | 15.6       |
| YD082S-M45    | 45×4.5  | 18                     | 36   | 17.5 | 35   | 24.5  | 17.5   | 17.5       | 36.5  | 26.25  | 17.5       |
| YD082S-M48    | 48×5.0  | 20                     | 40   | 20   | 40   | 28    | 20     | 20         | 42    | 30     | 20         |
| YD082S-M52    | 52×5.0  | 20                     | 40   | 20   | 40   | 28    | 20     | 20         | 42    | 30     | 20         |
| YD082S-M56    | 56×5.5  | 22                     | 44   | 22   | 44   | 30.8  | 22     | 22         | 46.2  | 33     | 22         |
| YD082S-M60    | 60×5.5  | 22                     | 44   | 22   | 44   | 30.8  | 22     | 22         | 46.2  | 33     | 22         |
| YD082S-M64    | 64×6.0  | 22.5                   | 45   | 22.5 | 45   | 31.5  | 22.5   | 22.5       | 47.25 | 33.75  | 22.5       |







**NEW**  
HEAVY DUTY HOIST RING S | UNC Thread

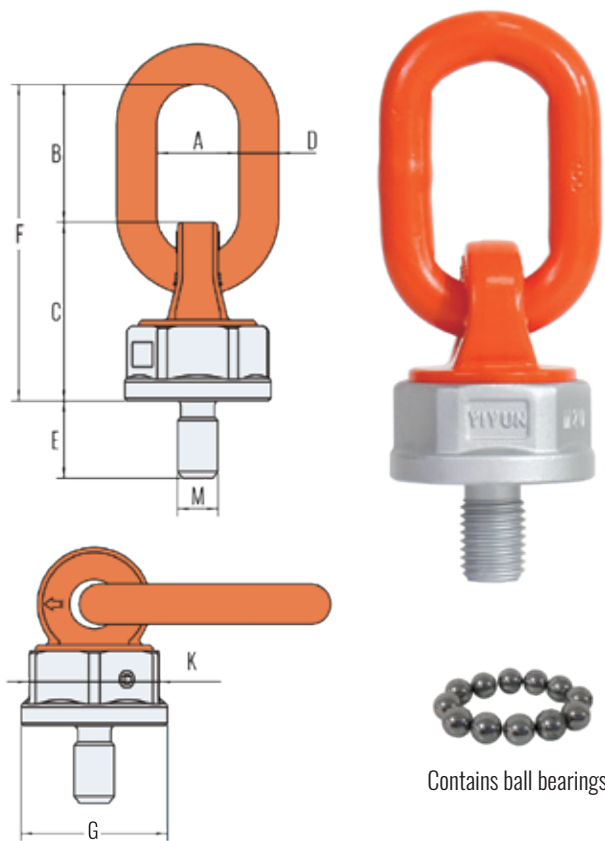
| ITEM NO.     | WLL/T | Thread |     | Technical Parameter mm |     |     |     |      |     |      |    |      |    |    | Nm  | Kg   |
|--------------|-------|--------|-----|------------------------|-----|-----|-----|------|-----|------|----|------|----|----|-----|------|
|              |       | M      | TPI | E                      | A   | B   | C   | D    | F   | G    | H  | R    | S  | SW |     |      |
| YD082S-5/16  | 0.5   | 5/16   | 18  | 15                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 15  | 0.3  |
| YD082S-3/8   | 0.6   | 3/8    | 16  | 17                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 15  | 0.3  |
| YD082S-1/2   | 0.8   | 1/2    | 13  | 20                     | 33  | 58  | 36  | 10   | 84  | 30   | 10 | 15.5 | 6  | 13 | 15  | 0.33 |
| YD082S-5/8   | 1.6   | 5/8    | 11  | 24                     | 50  | 90  | 50  | 15   | 125 | 44   | 18 | 22   | 8  | 19 | 30  | 1.2  |
| YD082S-3/4   | 2.4   | 3/4    | 10  | 30                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 80  | 2.6  |
| YD082S-7/8   | 3     | 7/8    | 9   | 36                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 90  | 2.65 |
| YD082S-1     | 4     | 1      | 8   | 36                     | 65  | 117 | 66  | 22   | 163 | 58   | 21 | 29.5 | 10 | 27 | 110 | 2.75 |
| YD082S-1-1/4 | 6.25  | 1-1/4  | 7   | 48                     | 87  | 147 | 80  | 26.5 | 206 | 76.5 | 28 | 35.5 | 14 | 34 | 200 | 5.55 |
| YD082S-1-1/2 | 10    | 1-1/2  | 6   | 60                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 500 | 11.3 |
| YD082S-1-3/4 | 12    | 1-3/4  | 5   | 63                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 500 | 12.2 |
| YD082S-2     | 16    | 2      | 45  | 76                     | 110 | 186 | 100 | 33   | 256 | 95   | 36 | 44   | 19 | 46 | 600 | 13.2 |
| YD082S-2-1/4 | 17.5  | 2-1/4  | 4.5 | 84                     | 123 | 200 | 110 | 35   | 279 | 107  | 36 | 48.5 | 22 | 55 | 800 | 15.8 |
| YD082S-2-1/2 | 18    | 2-1/2  | 4   | 100                    | 123 | 200 | 110 | 35   | 279 | 107  | 36 | 48.5 | 22 | 55 | 800 | 16.5 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



| Lifting method |               |                        |         |          |          |            |             |                 |              |               |                   |
|----------------|---------------|------------------------|---------|----------|----------|------------|-------------|-----------------|--------------|---------------|-------------------|
| Number         | Lifting angle | 1<br>0°                | 2<br>0° | 1<br>90° | 2<br>90° | 2<br>0-45° | 2<br>45-60° | 2<br>asymmetric | 3-4<br>0-45° | 3-4<br>45-60° | 3-4<br>asymmetric |
| ITEM NO        | M             | Working limit load / T |         |          |          |            |             |                 |              |               |                   |
| YD082S-5/16    | 5/16          | 0.8                    | 1.6     | 0.5      | 1        | 0.7        | 0.5         | 0.5             | 1.1          | 0.75          | 0.5               |
| YD082S-3/8     | 3/8           | 1                      | 2       | 0.6      | 1.2      | 0.84       | 0.6         | 0.6             | 1.3          | 0.9           | 0.6               |
| YD082S-1/2     | 1/2           | 1.2                    | 2.4     | 0.8      | 1.6      | 1.12       | 0.8         | 0.8             | 1.68         | 1.2           | 0.8               |
| YD082S-5/8     | 5/8           | 2.6                    | 5.2     | 1.6      | 3.2      | 2.24       | 1.6         | 1.6             | 3.36         | 2.4           | 1.6               |
| YD082S-3/4     | 3/4           | 3.6                    | 7.2     | 2.4      | 4.8      | 3.36       | 2.4         | 2.4             | 5            | 3.6           | 2.4               |
| YD082S-7/8     | 7/8           | 4.5                    | 9       | 3        | 6        | 4.2        | 3           | 3               | 6.3          | 4.5           | 3                 |
| YD082S-1       | 1             | 7.2                    | 14.4    | 4        | 8        | 5.6        | 4           | 4               | 8.4          | 6             | 4                 |
| YD082S-1-1/4   | 1-1/4         | 9.6                    | 19.2    | 6.25     | 12.5     | 8.75       | 6.25        | 6.25            | 13.13        | 9.38          | 6.25              |
| YD082S-1-1/2   | 1-1/2         | 11                     | 22      | 10       | 20       | 14         | 10          | 10              | 21           | 15            | 10                |
| YD082S-1-3/4   | 1-3/4         | 14                     | 28      | 12       | 24       | 16.8       | 12          | 12              | 25.2         | 18            | 12                |
| YD082S-2       | 2             | 16                     | 32      | 16       | 32       | 22.4       | 16          | 16              | 33.6         | 24            | 16                |
| YD082S-2-1/4   | 2-1/4         | 17.5                   | 35      | 17.5     | 35       | 24.5       | 17.5        | 17.5            | 36.75        | 26.25         | 17.5              |
| YD082S-2-1/2   | 2-1/2         | 18                     | 36      | 18       | 36       | 25.2       | 18          | 18              | 37.8         | 27            | 18                |





- 360 ° rotation&230 ° swing, built-in ball structure, uniform force distribution, smooth rotation. When the direction of force changes, the lifting ring rotates with the direction of force without twisting.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- The composition of alloy elements is more scientific, and the bolts are made of precision forged alloy steel with a tensile strength greater than 1080 MPa after quenching and tempering.
- Complete thread specifications and wide rated load range (M8-M150, 0.4T-50T). Custom thread sizes (extended, shortened, coarse, fine, metric, American, etc.) can be provided according to customer requirements. After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. The base of the lifting ring is marked with the rated load and thread diameter.
- The hexagonal design of the suspension ring base allows for easy installation of the lifting point on the lifted object.
- Surface anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.

NEW



UNIVERSAL HOIST RING S | Metric Thread

| ITEM NO     | WLL/T | M        | Technical Parameter mm |     |      |       |    |       |    |      | Nm      | Kg   |
|-------------|-------|----------|------------------------|-----|------|-------|----|-------|----|------|---------|------|
|             |       |          | E                      | A±2 | B±3  | C     | D  | F±3   | G  | K    |         |      |
| YD083S-M8   | 0.4   | M8×1.25  | 12.0                   | 30  | 43.0 | 53.0  | 13 | 96.0  | 42 | 37.0 | 10-40   | 0.48 |
| YD083S-M10  | 0.6   | M10×1.5  | 19.0                   | 30  | 43.0 | 53.0  | 13 | 96.0  | 42 | 37.0 | 10-40   | 0.49 |
| YD083S-M12S | 0.7   | M12×1.75 | 19.0                   | 30  | 43.0 | 53.0  | 13 | 96.0  | 42 | 37.0 | 15-40   | 0.49 |
| YD083S-M14  | 1.25  | M14×2.0  | 31.8                   | 30  | 43.0 | 53.0  | 13 | 96.0  | 42 | 37.0 | 30-100  | 0.51 |
| YD083S-M16S | 1.5   | M16×2.0  | 31.8                   | 30  | 43.0 | 53.0  | 13 | 96.0  | 42 | 37.0 | 45-130  | 0.52 |
| YD083S-M12B | 1.05  | M12×1.75 | 19.0                   | 34  | 54.0 | 70.5  | 16 | 124.5 | 61 | 54.5 | 15-40   | 1.2  |
| YD083S-M16B | 1.9   | M16×2.0  | 30.0                   | 34  | 54.0 | 70.5  | 16 | 124.5 | 61 | 54.5 | 45-130  | 1.2  |
| YD083S-M18S | 1.9   | M18×2.5  | 30.0                   | 34  | 54.0 | 70.5  | 16 | 124.5 | 61 | 54.5 | 100-170 | 1.2  |
| YD083S-M20S | 2.0   | M20×2.5  | 30.0                   | 34  | 54.0 | 70.5  | 16 | 124.5 | 61 | 54.5 | 100-170 | 1.3  |
| YD083S-M22S | 2.0   | M22×2.5  | 30.0                   | 34  | 54.0 | 70.5  | 16 | 124.5 | 61 | 54.5 | 100-170 | 1.3  |
| YD083S-M24S | 3.15  | M24×3.0  | 30.0                   | 34  | 54.0 | 70.5  | 16 | 124.5 | 61 | 54.5 | 100-170 | 1.3  |
| YD083S-M18B | 2.0   | M18×2.5  | 38.1                   | 40  | 68.0 | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2  |
| YD083S-M20B | 2.5   | M20×2.5  | 38.1                   | 40  | 68.0 | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2  |
| YD083S-M22B | 2.5   | M22×2.5  | 38.1                   | 40  | 68.0 | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2  |
| YD083S-M24B | 4.0   | M24×3.0  | 38.1                   | 40  | 68.0 | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2  |
| YD083S-M27  | 4.0   | M27×3.0  | 38.1                   | 40  | 68.0 | 88.0  | 20 | 156.0 | 72 | 64.5 | 250-500 | 2.3  |
| YD083S-M30S | 5.0   | M30×3.5  | 35.0                   | 40  | 68.0 | 88.0  | 20 | 156.0 | 72 | 64.5 | 270-600 | 2.4  |
| YD083S-M30B | 6.7   | M30×3.5  | 50.0                   | 51  | 95.5 | 104.5 | 22 | 200.0 | 81 | 74.0 | 270-600 | 3.6  |
| YD083S-M33  | 7.5   | M33×3.5  | 50.0                   | 51  | 95.5 | 104.5 | 22 | 200.0 | 81 | 74.0 | 270-600 | 3.6  |
| YD083S-M36  | 10.0  | M36×4.0  | 54.0                   | 51  | 95.5 | 104.5 | 22 | 200.0 | 81 | 74.0 | 270-600 | 3.7  |
| YD083S-M39  | 10.0  | M39×4.0  | 54.0                   | 51  | 95.5 | 104.5 | 22 | 200.0 | 81 | 74.0 | 350-800 | 3.9  |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.



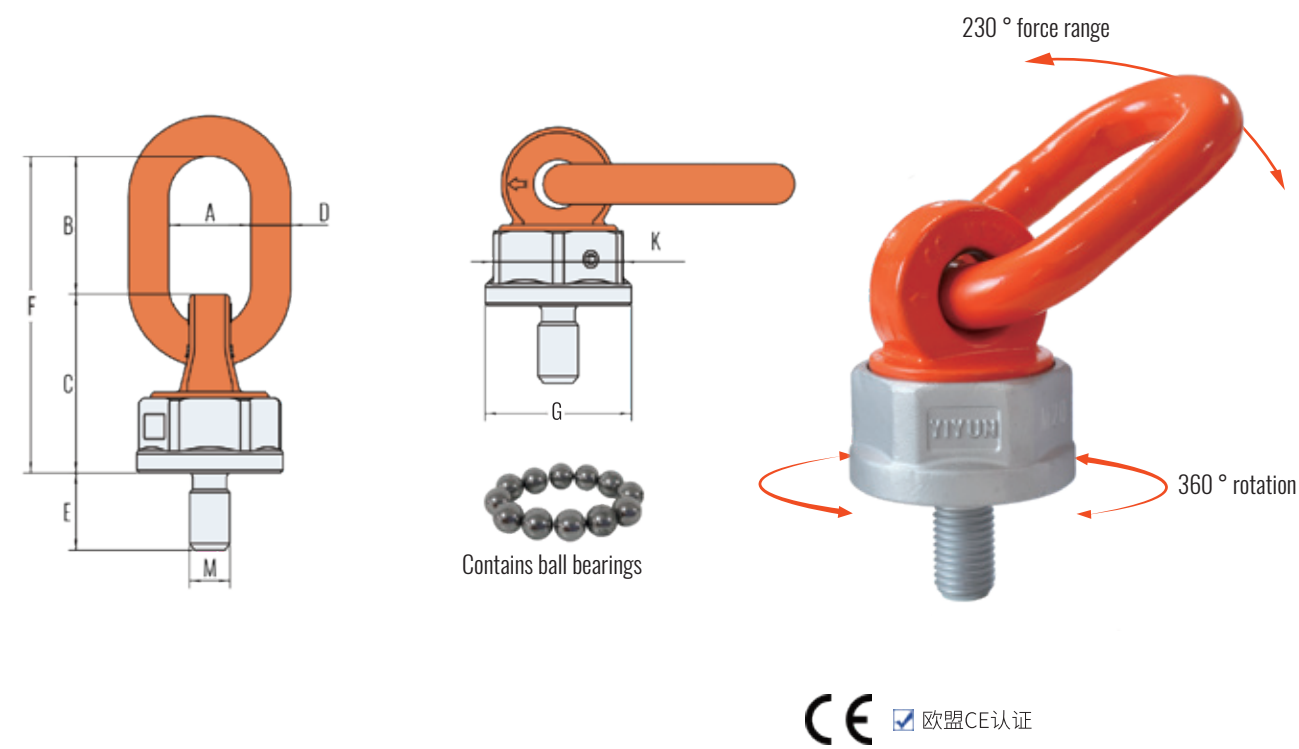
Lifting method



| Number      | Lifting angle | 1                      | 2    | 1     | 2    | 2     | 2      | 3-4        | 3-4        |
|-------------|---------------|------------------------|------|-------|------|-------|--------|------------|------------|
|             |               | 0°                     | 0°   | 90°   | 90°  | 0-45° | 45-60° | asymmetric | asymmetric |
| ITEM NO     | M             | Working limit load / T |      |       |      |       |        |            |            |
| YD083S-M8   | M8×1.25       | 0.6                    | 1.2  | 0.40  | 0.8  | 0.6   | 0.4    | 0.4        | 0.4        |
| YD083S-M10  | M10×1.5       | 0.9                    | 1.8  | 0.60  | 1.2  | 0.8   | 0.6    | 0.6        | 0.6        |
| YD083S-M12S | M12×1.75      | 1.2                    | 2.4  | 0.70  | 1.4  | 1.0   | 0.7    | 0.7        | 0.7        |
| YD083S-M14  | M14×2.0       | 2.0                    | 4.0  | 1.25  | 2.5  | 1.8   | 1.3    | 1.3        | 1.3        |
| YD083S-M16S | M16×2.0       | 2.6                    | 5.2  | 1.50  | 3.0  | 2.1   | 1.5    | 1.5        | 1.5        |
| YD083S-M12B | M12×1.75      | 1.6                    | 3.2  | 1.05  | 2.1  | 1.5   | 1.1    | 1.1        | 1.1        |
| YD083S-M16B | M16×2.0       | 3.0                    | 6.0  | 1.90  | 3.8  | 2.7   | 1.9    | 1.9        | 1.9        |
| YD083S-M18S | M18×2.5       | 3.0                    | 6.0  | 1.90  | 3.8  | 2.7   | 1.9    | 1.9        | 1.9        |
| YD083S-M20S | M20×2.5       | 3.5                    | 7.0  | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 2.0        |
| YD083S-M22S | M22×2.5       | 3.5                    | 7.0  | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 2.0        |
| YD083S-M24S | M24×3.0       | 5.0                    | 10.0 | 3.15  | 6.3  | 4.4   | 3.2    | 3.2        | 3.2        |
| YD083S-M18B | M18×2.5       | 3.6                    | 7.2  | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 2.0        |
| YD083S-M20B | M20×2.5       | 4.0                    | 8.0  | 2.50  | 5.0  | 3.5   | 2.5    | 2.5        | 2.5        |
| YD083S-M22B | M22×2.5       | 4.0                    | 8.0  | 2.50  | 5.0  | 3.5   | 2.5    | 2.5        | 2.5        |
| YD083S-M24B | M24×3.0       | 7.0                    | 14.0 | 4.00  | 8.0  | 5.6   | 4.0    | 4.0        | 4.0        |
| YD083S-M27  | M27×3.0       | 7.0                    | 14.0 | 4.00  | 8.0  | 5.6   | 4.0    | 4.0        | 4.0        |
| YD083S-M30S | M30×3.5       | 7.0                    | 14.0 | 5.00  | 10.0 | 7.0   | 5.0    | 5.0        | 5.0        |
| YD083S-M30B | M30×3.5       | 10.0                   | 20.0 | 6.70  | 13.4 | 9.4   | 6.7    | 6.7        | 6.7        |
| YD083S-M33  | M33×3.5       | 15.0                   | 30.0 | 7.50  | 15.0 | 10.5  | 7.5    | 7.5        | 7.5        |
| YD083S-M36  | M36×4.0       | 15.0                   | 30.0 | 10.00 | 20.0 | 14.0  | 10.0   | 10.0       | 10.0       |
| YD083S-M39  | M39×4.0       | 15.0                   | 30.0 | 10.00 | 20.0 | 14.0  | 10.0   | 10.0       | 10.0       |







**NEW**  
**UNIVERSAL HOIST RING S** | Metric Thread

| ITEM NO      | WLL/T | M        | Technical Parameter mm |     |       |       |    |     |     |     | Nm       | Kg   |
|--------------|-------|----------|------------------------|-----|-------|-------|----|-----|-----|-----|----------|------|
|              |       |          | E                      | A±2 | B±3   | C     | D  | F±3 | G   | K   |          |      |
| YD083S-M42   | 13.0  | M42×4.5  | 63                     | 65  | 107.5 | 121.5 | 26 | 229 | 96  | 85  | 350-800  | 5.8  |
| YD083S-M45   | 13.0  | M45×4.5  | 68                     | 65  | 107.5 | 121.5 | 26 | 229 | 96  | 85  | 350-800  | 5.9  |
| YD083S-M48   | 14.0  | M48×5.0  | 68                     | 65  | 107.5 | 121.5 | 26 | 229 | 96  | 85  | 350-800  | 6.1  |
| YD083S-M52   | 20.0  | M52×5.0  | 84                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 350-900  | 9.6  |
| YD083S-M56   | 20.0  | M56×5.5  | 84                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 350-900  | 9.8  |
| YD083S-M60   | 20.0  | M60×5.5  | 90                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 350-900  | 10.0 |
| YD083S-M64   | 20.0  | M64×6.0  | 95                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 500-1000 | 10.4 |
| YD083S-M72B  | 31.5  | M72×6.0  | 108                    | 90  | 138.0 | 230.0 | 48 | 368 | 169 | 155 | 500-1400 | 33.8 |
| YD083S-M80B  | 35.0  | M80×6.0  | 120                    | 90  | 138.0 | 230.0 | 48 | 368 | 169 | 155 | 500-1500 | 35.0 |
| YD083S-M90B  | 40.0  | M90×6.0  | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 169 | 155 | 500-1500 | 37.0 |
| YD083S-M100B | 40.0  | M100×6.0 | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 169 | 155 | 500-1700 | 38.3 |
| YD083S-M110  | 50.0  | M110×6.0 | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 169 | 155 | 500-1700 | 40.3 |
| YD083S-M120  | 50.0  | M120×6.0 | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 169 | 155 | 500-1700 | 42.2 |
| YD083S-M130  | 50.0  | M130×6.0 | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 198 | 155 | 500-1700 | 46.2 |
| YD083S-M140  | 50.0  | M140×6.0 | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 198 | 155 | 500-1700 | 48.4 |
| YD083S-M150  | 50.0  | M150×6.0 | 135                    | 90  | 138.0 | 230.0 | 48 | 368 | 198 | 155 | 500-1700 | 50.7 |

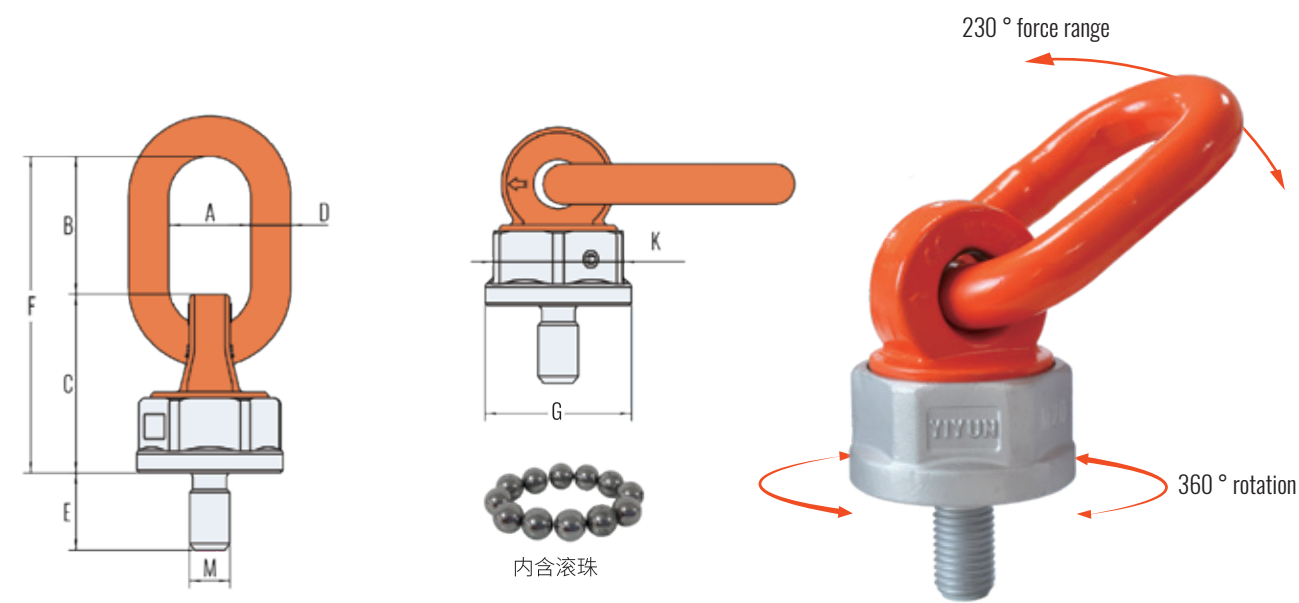
★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.



| Lifting method |          |                        |     |      |       |        |            |                         |
|----------------|----------|------------------------|-----|------|-------|--------|------------|-------------------------|
| Number         | 1        | 2                      | 1   | 2    | 2     | 2      | 3-4        | 3-4                     |
| Lifting angle  | 0°       | 0°                     | 90° | 90°  | 0-45° | 45-60° | asymmetric | 0-45° 45-60° asymmetric |
| ITEM NO        | M        | Working limit load / T |     |      |       |        |            |                         |
| YD083S-M42     | M42×4.5  | 17                     | 34  | 13.0 | 26    | 18.2   | 13.0       | 27.3 19.5 13.0          |
| YD083S-M45     | M45×4.5  | 17                     | 34  | 13.0 | 26    | 18.2   | 13.0       | 27.3 19.5 13.0          |
| YD083S-M48     | M48×5.0  | 17                     | 34  | 14.0 | 28    | 19.6   | 14.0       | 29.4 21.0 14.0          |
| YD083S-M52     | M52×5.0  | 25                     | 50  | 20.0 | 40    | 28.0   | 20.0       | 42.0 30.0 20.0          |
| YD083S-M56     | M56×5.5  | 28                     | 56  | 20.0 | 40    | 28.0   | 20.0       | 42.0 30.0 20.0          |
| YD083S-M60     | M60×5.5  | 28                     | 56  | 20.0 | 40    | 28.0   | 20.0       | 42.0 30.0 20.0          |
| YD083S-M64     | M64×6.0  | 28                     | 56  | 20.0 | 40    | 28.0   | 20.0       | 42.0 30.0 20.0          |
| YD083S-M72B    | M72×6.0  | 40                     | 80  | 31.5 | 63    | 44.1   | 31.5       | 66.2 47.3 31.5          |
| YD083S-M80B    | M80×6.0  | 40                     | 80  | 35.0 | 70    | 49.0   | 35.0       | 73.5 52.5 35.0          |
| YD083S-M90B    | M90×6.0  | 50                     | 100 | 40.0 | 80    | 56.0   | 40.0       | 84.0 60.0 40.0          |
| YD083S-M100B   | M100×6.0 | 50                     | 100 | 40.0 | 80    | 56.0   | 40.0       | 84.0 60.0 40.0          |
| YD083S-M110    | M110×6.0 | 50                     | 100 | 50.0 | 100   | 70.0   | 50.0       | 105.0 75.0 50.0         |
| YD083S-M120    | M120×6.0 | 50                     | 100 | 50.0 | 100   | 70.0   | 50.0       | 105.0 75.0 50.0         |
| YD083S-M130    | M130×6.0 | 50                     | 100 | 50.0 | 100   | 70.0   | 50.0       | 105.0 75.0 50.0         |
| YD083S-M140    | M140×6.0 | 50                     | 100 | 50.0 | 100   | 70.0   | 50.0       | 105.0 75.0 50.0         |
| YD083S-M150    | M150×6.0 | 50                     | 100 | 50.0 | 100   | 70.0   | 50.0       | 105.0 75.0 50.0         |







**NEW**  
UNIVERSAL HOIST RING S | UNC Thread

| ITEM NO.     | WLL/T | Thread |      | Technical Parameter mm |     |       |       |    |       |     |       | Nm       | Kg   |
|--------------|-------|--------|------|------------------------|-----|-------|-------|----|-------|-----|-------|----------|------|
|              |       | M      | TPI  | E                      | A±2 | B±3   | C     | D  | F±3   | G   | K     |          |      |
| YD083S-5/16  | 0.4   | 5/16   | 18.0 | 12.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 10-40    | 0.4  |
| YD083S-3/8   | 0.6   | 3/8    | 16.0 | 19.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 10-40    | 0.47 |
| YD083S-1/2S  | 0.7   | 1/2    | 13.0 | 19.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 15-40    | 0.48 |
| YD083S-5/8S  | 1.5   | 5/8    | 11.0 | 31.8                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 45-130   | 0.5  |
| YD083S-1/2B  | 1.05  | 1/2    | 13.0 | 19.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 15-40    | 1.0  |
| YD083S-5/8B  | 1.9   | 5/8    | 11.0 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 45-130   | 1.2  |
| YD083S-3/4S  | 1.9   | 3/4    | 10.0 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 45-130   | 1.2  |
| YD083S-7/8S  | 2.0   | 7/8    | 9.0  | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 100-170  | 1.3  |
| YD083S-1S    | 3.15  | 1      | 8.0  | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 190-280  | 1.3  |
| YD083S-3/4B  | 2.0   | 3/4    | 10.0 | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72  | 64.5  | 45-130   | 2.2  |
| YD083S-7/8B  | 2.5   | 7/8    | 9.0  | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72  | 64.5  | 100-170  | 2.2  |
| YD083S-1B    | 4.0   | 1      | 8.0  | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72  | 64.5  | 190-280  | 2.2  |
| YD083S-1-1/4 | 6.7   | 1-1/4  | 7.0  | 50.0                   | 51  | 95.0  | 105.0 | 22 | 200.0 | 81  | 74.0  | 270-600  | 3.6  |
| YD083S-1-1/2 | 10.0  | 1-1/2  | 6.0  | 54.0                   | 51  | 95.0  | 105.0 | 22 | 200.0 | 81  | 74.0  | 270-600  | 3.8  |
| YD083S-1-3/4 | 13.0  | 1-3/4  | 5.0  | 68.0                   | 65  | 107.5 | 121.5 | 26 | 229.0 | 96  | 85.0  | 350-800  | 6.0  |
| YD083S-2S    | 14.0  | 2      | 4.5  | 68.0                   | 65  | 107.5 | 121.5 | 26 | 229.0 | 96  | 85.0  | 350-800  | 6.2  |
| YD083S-2B    | 17.0  | 2      | 4.5  | 84.0                   | 70  | 119.5 | 148.5 | 32 | 268.0 | 109 | 95.0  | 350-800  | 10.0 |
| YD083S-2-1/4 | 20.0  | 2-1/4  | 4.5  | 84.0                   | 70  | 119.5 | 148.5 | 32 | 268.0 | 109 | 95.0  | 350-900  | 10.0 |
| YD083S-2-1/2 | 20.0  | 2-1/2  | 4.0  | 95.0                   | 70  | 119.5 | 148.5 | 32 | 268.0 | 109 | 95.0  | 350-900  | 10.5 |
| YD083S-3     | 31.5  | 3      | 4.0  | 108.0                  | 90  | 138.0 | 230.0 | 48 | 368.0 | 169 | 155.0 | 500-1700 | 34.4 |
| YD083S-3-1/2 | 40.0  | 3-1/2  | 4.0  | 135.0                  | 90  | 138.0 | 230.0 | 48 | 368.0 | 169 | 155.0 | 500-1700 | 37.0 |
| YD083S-4     | 40.0  | 4      | 4.0  | 135.0                  | 90  | 138.0 | 230.0 | 48 | 368.0 | 169 | 155.0 | 500-1700 | 39.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

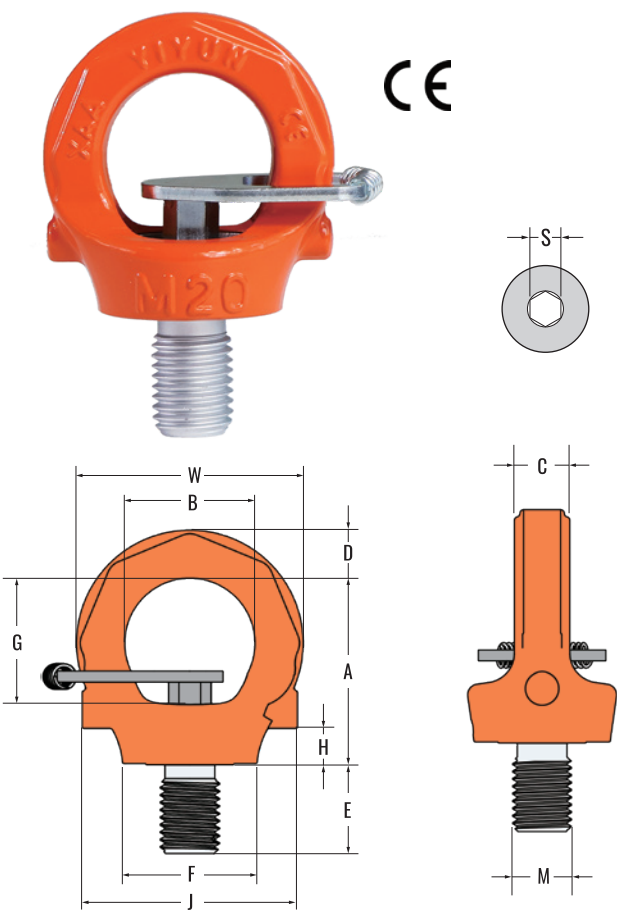


Lifting method



| Number        |       | 1                      | 2     | 1    | 2    | 2     | 2      | 3-4        | 3-4        |
|---------------|-------|------------------------|-------|------|------|-------|--------|------------|------------|
| Lifting angle |       | 0°                     | 0°    | 90°  | 90°  | 0-45° | 45-60° | asymmetric | asymmetric |
| ITEM NO       | M     | Working limit load / T |       |      |      |       |        |            |            |
| YD083S-5/16   | 5/16  | 0.6                    | 1.2   | 0.4  | 0.8  | 0.6   | 0.4    | 0.4        | 0.4        |
| YD083S-3/8    | 3/8   | 0.9                    | 1.8   | 0.6  | 1.2  | 0.8   | 0.6    | 0.6        | 0.6        |
| YD083S-1/2S   | 1/2   | 1.2                    | 2.4   | 0.7  | 1.4  | 1.0   | 0.7    | 0.7        | 0.7        |
| YD083S-5/8S   | 5/8   | 2.6                    | 5.2   | 1.5  | 3.0  | 2.1   | 1.5    | 1.5        | 1.5        |
| YD083S-1/2B   | 1/2   | 1.6                    | 3.2   | 1.05 | 2.1  | 1.5   | 1.1    | 1.1        | 1.1        |
| YD083S-5/8B   | 5/8   | 3.0                    | 6.0   | 1.9  | 3.8  | 2.7   | 1.9    | 1.9        | 1.9        |
| YD083S-3/4S   | 3/4   | 3.0                    | 6.0   | 1.9  | 3.8  | 2.7   | 1.9    | 1.9        | 1.9        |
| YD083S-7/8S   | 7/8   | 3.5                    | 7.0   | 2.0  | 4.0  | 2.8   | 2.0    | 2.0        | 2.0        |
| YD083S-1S     | 1     | 5.0                    | 10.0  | 3.15 | 6.3  | 4.4   | 3.2    | 3.2        | 3.2        |
| YD083S-3/4B   | 3/4   | 3.6                    | 7.2   | 2.0  | 4.0  | 2.8   | 2.0    | 2.0        | 2.0        |
| YD083S-7/8B   | 7/8   | 4.0                    | 8.0   | 2.5  | 5.0  | 3.5   | 2.5    | 2.5        | 2.5        |
| YD083S-1B     | 1     | 7.0                    | 14.0  | 4.0  | 8.0  | 5.6   | 4.0    | 4.0        | 4.0        |
| YD083S-1-1/4  | 1-1/4 | 10.0                   | 20.0  | 6.7  | 13.4 | 9.4   | 6.7    | 6.7        | 6.7        |
| YD083S-1-1/2  | 1-1/2 | 15.0                   | 30.0  | 10.0 | 20.0 | 14.0  | 10.0   | 10.0       | 10.0       |
| YD083S-1-3/4  | 1-3/4 | 17.0                   | 34.0  | 13.0 | 26.0 | 18.2  | 13.0   | 13.0       | 13.0       |
| YD083S-2S     | 2     | 18.0                   | 36.0  | 14.0 | 28.0 | 19.6  | 14.0   | 14.0       | 14.0       |
| YD083S-2B     | 2     | 25.0                   | 50.0  | 17.0 | 34.0 | 23.8  | 17.0   | 17.0       | 17.0       |
| YD083S-2-1/4  | 2-1/4 | 25.0                   | 50.0  | 20.0 | 40.0 | 28.0  | 20.0   | 20.0       | 20.0       |
| YD083S-2-1/2  | 2-1/2 | 28.0                   | 56.0  | 20.0 | 40.0 | 28.0  | 20.0   | 20.0       | 20.0       |
| YD083S-3      | 3     | 40.0                   | 80.0  | 31.5 | 63.0 | 44.1  | 31.5   | 31.5       | 31.5       |
| YD083S-3-1/2  | 3-1/2 | 50.0                   | 100.0 | 40.0 | 80.0 | 56.0  | 40.0   | 40.0       | 40.0       |
| YD083S-4      | 4     | 50.0                   | 100.0 | 40.0 | 80.0 | 56.0  | 40.0   | 40.0       | 40.0       |





- 360 ° rotation, equipped with a locking wrench, easy to install after locking, and the lifting ring can be rotated after loosening.
- The load that can be lifted varies depending on the direction of force, but the safety factor is guaranteed to be 4 times.
- The composition of alloy elements is more scientific, and the bolts are made of precision forged alloy steel with a tensile strength greater than 1080 MPa after quenching and tempering.
- Complete specifications available for non-standard customization, complete thread specifications, wide rated load range (M8-M64, 0.3T-18T): thread sizes can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- Easy to install, with hexagonal design on the top of the bolt, allowing for easy installation of the lifting point on the lifted object.
- Bolt anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

KEY EYE POINT S | Metric Thread **NEW**

| ITEM NO    | WLL/T | M       | Technical Parameter mm |       |     |    |      |     |     |    |     |     |    | Nm      | Kg   |
|------------|-------|---------|------------------------|-------|-----|----|------|-----|-----|----|-----|-----|----|---------|------|
|            |       |         | E                      | A     | B   | C  | D    | F   | J   | H  | W   | G   | S  |         |      |
| YD094S-M8  | 0.3   | 8×1.25  | 12                     | 36.5  | 25  | 10 | 10   | 25  | 41  | 5  | 44  | 25  | 6  | 10-40   | 0.14 |
| YD094S-M10 | 0.4   | 10×1.5  | 15                     | 36.5  | 25  | 10 | 10   | 25  | 41  | 5  | 44  | 25  | 6  | 10-40   | 0.15 |
| YD094S-M12 | 0.75  | 12×1.75 | 18                     | 44.5  | 30  | 11 | 11   | 33  | 47  | 7  | 52  | 30  | 8  | 15-40   | 0.23 |
| YD094S-M14 | 0.75  | 14×2.0  | 18                     | 44.5  | 30  | 11 | 11   | 33  | 47  | 7  | 52  | 30  | 8  | 30-100  | 0.3  |
| YD094S-M16 | 1.5   | 16×2.0  | 24                     | 50.5  | 35  | 15 | 13   | 36  | 58  | 10 | 61  | 34  | 10 | 45-130  | 0.39 |
| YD094S-M18 | 1.5   | 18×2.5  | 24                     | 50.5  | 35  | 15 | 13   | 36  | 58  | 10 | 61  | 34  | 10 | 100-170 | 0.45 |
| YD094S-M20 | 2.3   | 20×2.5  | 30                     | 58    | 40  | 17 | 15   | 44  | 68  | 13 | 70  | 39  | 12 | 100-170 | 0.65 |
| YD094S-M22 | 2.3   | 22×2.5  | 30                     | 58    | 40  | 17 | 15   | 44  | 68  | 13 | 70  | 40  | 12 | 100-170 | 0.75 |
| YD094S-M24 | 3.2   | 24×3.0  | 36                     | 71    | 49  | 20 | 17.5 | 53  | 75  | 14 | 84  | 48  | 14 | 190-280 | 1.1  |
| YD094S-M27 | 3.2   | 27×3.0  | 36                     | 71    | 49  | 20 | 17.5 | 53  | 75  | 14 | 84  | 48  | 14 | 250-500 | 1.2  |
| YD094S-M30 | 4.5   | 30×3.5  | 45                     | 88    | 61  | 25 | 22   | 66  | 95  | 20 | 105 | 60  | 17 | 270-600 | 2.13 |
| YD094S-M33 | 4.5   | 33×3.5  | 45                     | 88    | 61  | 25 | 22   | 66  | 95  | 20 | 105 | 60  | 17 | 270-600 | 2.25 |
| YD094S-M36 | 7     | 36×4.0  | 54                     | 106   | 73  | 30 | 26.5 | 76  | 116 | 28 | 126 | 72  | 22 | 270-600 | 3.7  |
| YD094S-M39 | 7     | 39×4.0  | 54                     | 106   | 73  | 30 | 26.5 | 76  | 116 | 31 | 126 | 72  | 22 | 300-600 | 4    |
| YD094S-M42 | 9     | 42×4.5  | 63                     | 122   | 83  | 35 | 32   | 89  | 137 | 33 | 147 | 83  | 24 | 350-800 | 5.6  |
| YD094S-M45 | 9     | 45×4.5  | 63                     | 122   | 83  | 35 | 32   | 89  | 137 | 33 | 147 | 83  | 24 | 350-800 | 6.2  |
| YD094S-M48 | 12    | 48×5.0  | 72                     | 141.5 | 95  | 39 | 38   | 105 | 151 | 36 | 168 | 95  | 27 | 350-800 | 8.6  |
| YD094S-M52 | 12    | 52×5.0  | 72                     | 164   | 110 | 49 | 48   | 125 | 180 | 49 | 196 | 110 | 27 | 350-800 | 9.6  |
| YD094S-M56 | 16    | 56×5.5  | 84                     | 164   | 110 | 49 | 48   | 125 | 180 | 49 | 196 | 110 | 27 | 350-800 | 14.5 |
| YD094S-M60 | 16    | 60×5.5  | 84                     | 164   | 110 | 49 | 48   | 125 | 180 | 49 | 196 | 110 | 27 | 350-800 | 14.8 |
| YD094S-M64 | 18    | 64×6.0  | 96                     | 164   | 110 | 49 | 48   | 125 | 180 | 49 | 196 | 110 | 27 | 350-802 | 15.2 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



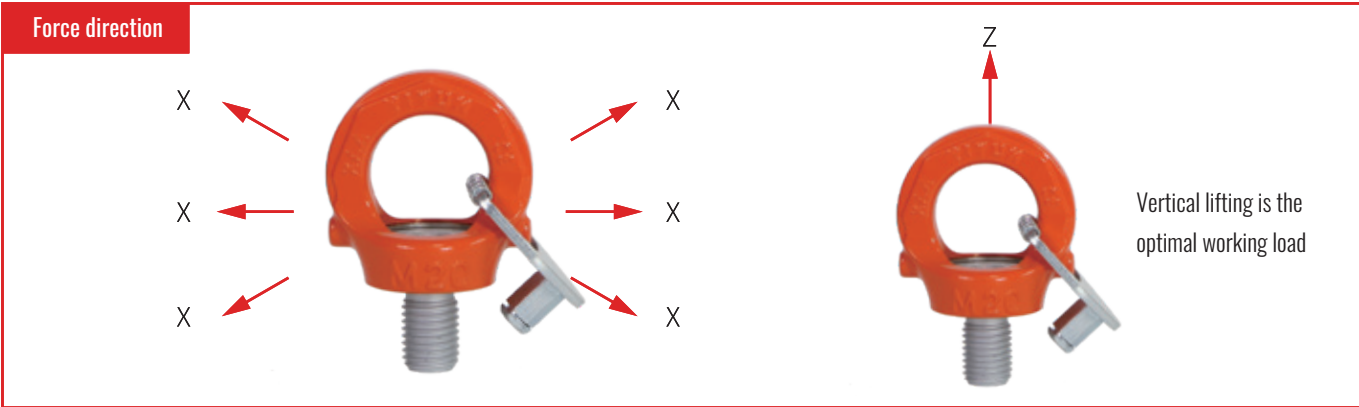
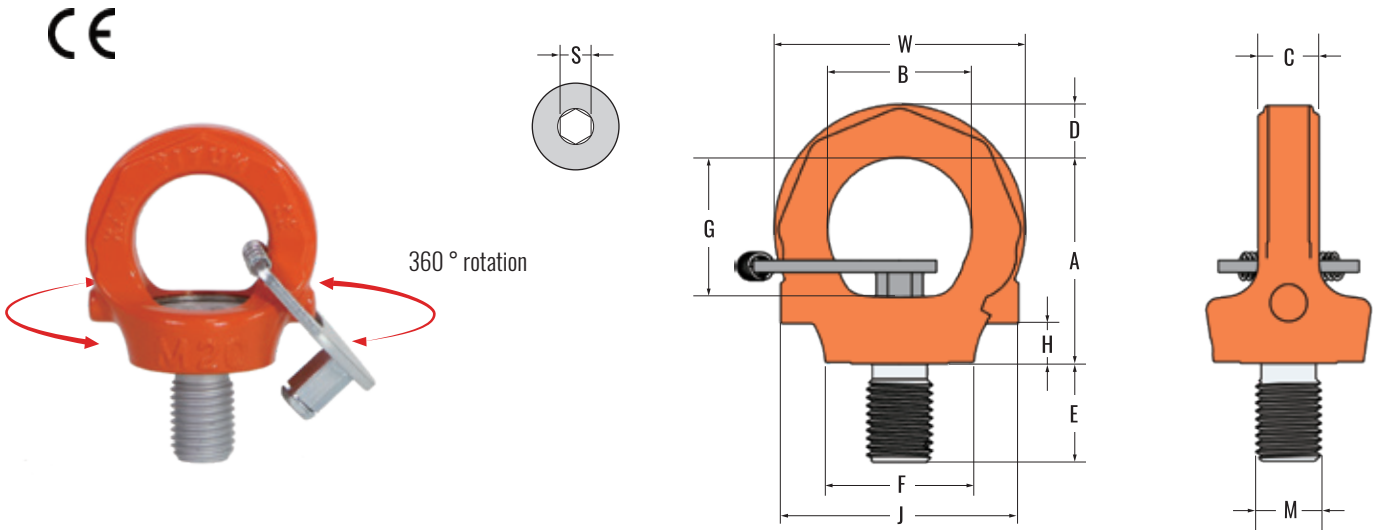
Lifting method



| Number     | Lifting angle | 1                      |    | 2    |     | 1     |        | 2          |            | 2     |        | 3-4        |            | 3-4   |        |
|------------|---------------|------------------------|----|------|-----|-------|--------|------------|------------|-------|--------|------------|------------|-------|--------|
|            |               | 0°                     | 0° | 90°  | 90° | 0-45° | 45-60° | asymmetric | asymmetric | 0-45° | 45-60° | asymmetric | asymmetric | 0-45° | 45-60° |
| ITEM NO    | M             | Working limit load / T |    |      |     |       |        |            |            |       |        |            |            |       |        |
| YD094S-M8  | 8×1.25        | 1                      | 2  | 0.3  | 0.6 | 0.42  | 0.3    | 0.3        | 0.63       | 0.45  | 0.3    |            |            |       |        |
| YD094S-M10 | 10×1.5        | 1                      | 2  | 0.4  | 0.8 | 0.56  | 0.4    | 0.4        | 0.8        | 0.6   | 0.4    |            |            |       |        |
| YD094S-M12 | 12×1.75       | 2                      | 4  | 0.75 | 1.5 | 1     | 0.75   | 0.75       | 1.5        | 1.1   | 0.75   |            |            |       |        |
| YD094S-M14 | 14×2.0        | 2                      | 4  | 0.75 | 1.5 | 1     | 0.75   | 0.75       | 1.5        | 1.1   | 0.75   |            |            |       |        |
| YD094S-M16 | 16×2.0        | 4                      | 8  | 1.5  | 3   | 2.1   | 1.5    | 1.5        | 3.1        | 2.2   | 1.5    |            |            |       |        |
| YD094S-M18 | 18×2.5        | 4                      | 8  | 1.5  | 3   | 2.1   | 1.5    | 1.5        | 3.1        | 2.2   | 1.5    |            |            |       |        |
| YD094S-M20 | 20×2.5        | 6                      | 12 | 2.3  | 4.6 | 3.2   | 2.3    | 2.3        | 4.8        | 3.4   | 2.3    |            |            |       |        |
| YD094S-M22 | 22×2.5        | 6                      | 12 | 2.3  | 4.6 | 3.2   | 2.3    | 2.3        | 4.8        | 3.4   | 2.3    |            |            |       |        |
| YD094S-M24 | 24×3.0        | 8                      | 16 | 3.2  | 6.4 | 4.5   | 3.2    | 3.2        | 6.7        | 4.8   | 3.2    |            |            |       |        |
| YD094S-M27 | 27×3.0        | 8                      | 16 | 3.2  | 6.4 | 4.5   | 3.2    | 3.2        | 6.7        | 4.8   | 3.2    |            |            |       |        |
| YD094S-M30 | 30×3.5        | 12                     | 24 | 4.5  | 9   | 6.3   | 4.5    | 4.5        | 9.4        | 6.7   | 4.5    |            |            |       |        |
| YD094S-M33 | 33×3.5        | 12                     | 24 | 4.5  | 9   | 6.3   | 4.5    | 4.5        | 9.4        | 6.7   | 4.5    |            |            |       |        |
| YD094S-M36 | 36×4.0        | 16                     | 32 | 7    | 14  | 9.8   | 7      | 7          | 14.7       | 10.5  | 7      |            |            |       |        |
| YD094S-M39 | 39×4.0        | 16                     | 32 | 7    | 14  | 9.8   | 7      | 7          | 14.7       | 10.5  | 7      |            |            |       |        |
| YD094S-M42 | 42×4.5        | 24                     | 48 | 9    | 18  | 12.6  | 9      | 9          | 18.9       | 13.5  | 9      |            |            |       |        |
| YD094S-M45 | 45×4.5        | 24                     | 48 | 9    | 18  | 12.6  | 9      | 9          | 18.9       | 13.5  | 9      |            |            |       |        |
| YD094S-M48 | 48×5.0        | 32                     | 64 | 12   | 24  | 16.8  | 12     | 12         | 25         | 18    | 12     |            |            |       |        |
| YD094S-M52 | 52×5.0        | 32                     | 64 | 12   | 24  | 16.8  | 12     | 12         | 25         | 18    | 12     |            |            |       |        |
| YD094S-M56 | 56×5.5        | 34                     | 68 | 16   | 32  | 22.4  | 16     | 16         | 33.6       | 24    | 16     |            |            |       |        |
| YD094S-M60 | 60×5.5        | 34                     | 68 | 16   | 32  | 22.4  | 16     | 16         | 33.6       | 24    | 16     |            |            |       |        |
| YD094S-M64 | 64×6.0        | 36                     | 72 | 18   | 36  | 25    | 18     | 18         | 37.5       | 27    | 18     |            |            |       |        |





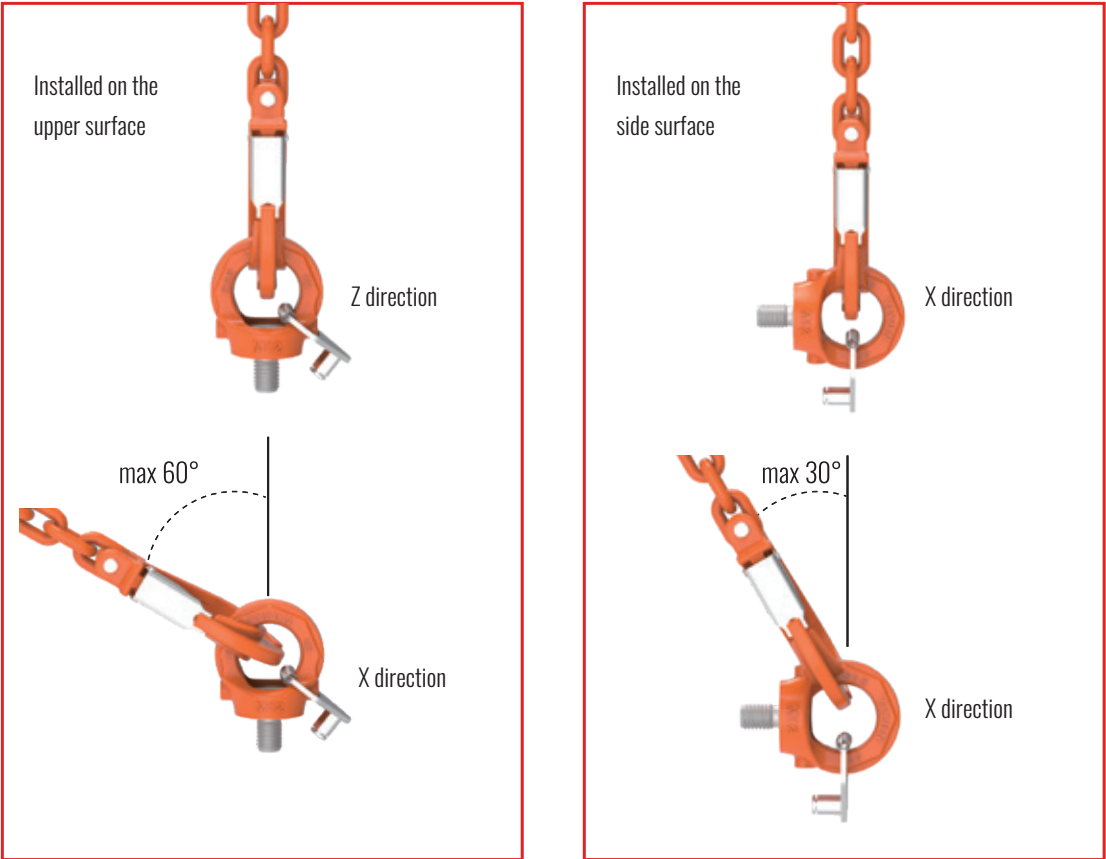


**NEW**  
KEY EYE POINT S | UNC Thread

| ITEM NO.     | WLL/T | Thread |      | Technical Parameter mm |       |    |    |      |     |     |    |     |    |    | Nm      | Kg   |
|--------------|-------|--------|------|------------------------|-------|----|----|------|-----|-----|----|-----|----|----|---------|------|
|              |       | M      | TPI  | E                      | A     | B  | C  | D    | F   | J   | H  | W   | G  | S  |         |      |
| YD094S-5/16  | 0.3   | 5/16   | 18.0 | 12                     | 36.5  | 25 | 10 | 10.0 | 25  | 41  | 6  | 44  | 25 | 6  | 10-40   | 0.13 |
| YD094S-3/8   | 0.4   | 3/8    | 16.0 | 15                     | 36.5  | 25 | 10 | 10.0 | 26  | 41  | 6  | 44  | 25 | 6  | 10-40   | 0.14 |
| YD094S-7/16  | 0.75  | 7/16   | 14.0 | 18                     | 44.5  | 30 | 11 | 11.0 | 33  | 47  | 7  | 52  | 30 | 8  | 15-40   | 0.2  |
| YD094S-1/2   | 0.75  | 1/2    | 13.0 | 18                     | 44.5  | 30 | 11 | 11.0 | 33  | 47  | 7  | 52  | 30 | 8  | 15-40   | 0.21 |
| YD094S-5/8   | 1.5   | 5/8    | 11.0 | 24                     | 50.5  | 35 | 15 | 13.0 | 36  | 58  | 11 | 61  | 35 | 10 | 45-130  | 0.36 |
| YD094S-3/4   | 2.3   | 3/4    | 10.0 | 30                     | 58.0  | 40 | 17 | 15.0 | 44  | 68  | 14 | 70  | 40 | 12 | 45-130  | 0.6  |
| YD094S-7/8   | 2.3   | 7/8    | 9.0  | 30                     | 58.0  | 40 | 17 | 15.0 | 44  | 68  | 14 | 70  | 40 | 12 | 100-170 | 0.61 |
| YD094S-1     | 3.2   | 1      | 8.0  | 36                     | 71.0  | 49 | 20 | 17.5 | 53  | 75  | 15 | 84  | 49 | 14 | 190-280 | 1.0  |
| YD094S-1-1/4 | 4.5   | 1-1/4  | 7.0  | 45                     | 88.0  | 61 | 25 | 22.0 | 66  | 95  | 23 | 105 | 60 | 17 | 270-600 | 2.0  |
| YD094S-1-1/2 | 7.0   | 1-1/2  | 6.0  | 54                     | 106.0 | 73 | 30 | 26.5 | 76  | 116 | 31 | 126 | 74 | 22 | 270-600 | 3.4  |
| YD094S-1-3/4 | 9.0   | 1-3/4  | 5.0  | 63                     | 122.0 | 83 | 35 | 32.0 | 89  | 137 | 38 | 147 | 84 | 24 | 350-800 | 5.2  |
| YD094S-2     | 12.0  | 2      | 4.5  | 72                     | 141.5 | 95 | 39 | 38.0 | 105 | 151 | 38 | 168 | 98 | 27 | 350-800 | 8.2  |

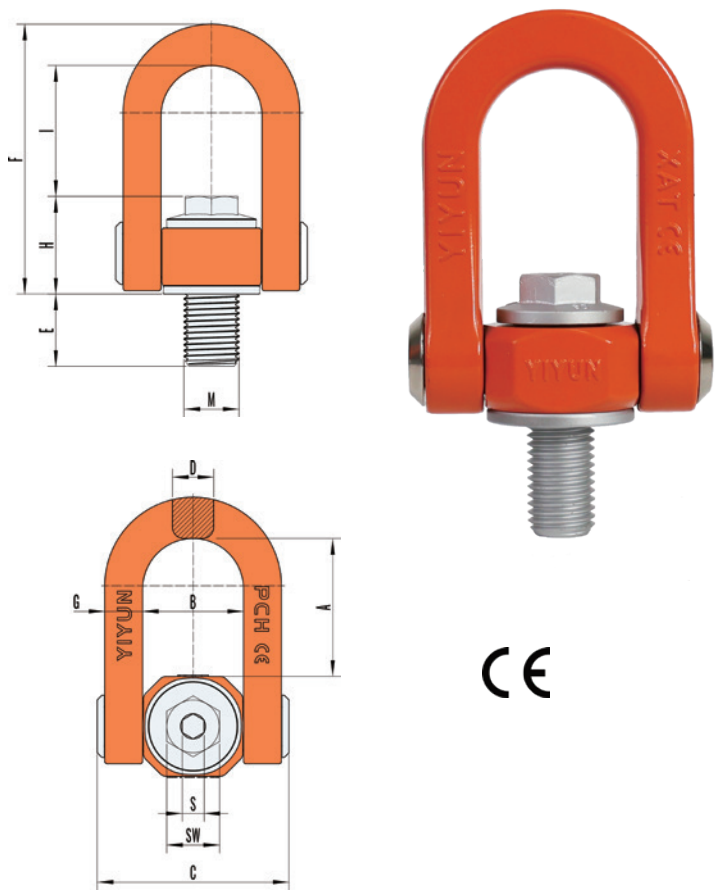
★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.

Lifting method



Lifting method

| Number       | Lifting angle |                        |    |      |      |       |        |            |       |        |            |
|--------------|---------------|------------------------|----|------|------|-------|--------|------------|-------|--------|------------|
|              |               | 0°                     | 0° | 90°  | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO      | M             | Working limit load / T |    |      |      |       |        |            |       |        |            |
| YD094S-5/16  | 5/16          | 1                      | 2  | 0.3  | 0.6  | 0.42  | 0.3    | 0.3        | 0.63  | 0.45   | 0.3        |
| YD094S-3/8   | 3/8           | 1                      | 2  | 0.4  | 0.8  | 0.56  | 0.4    | 0.4        | 0.8   | 0.6    | 0.4        |
| YD094S-7/16  | 7/16          | 2                      | 4  | 0.75 | 1.5  | 1.0   | 0.75   | 0.75       | 1.5   | 1.1    | 0.75       |
| YD094S-1/2   | 1/2           | 2                      | 4  | 0.75 | 1.5  | 1.0   | 0.75   | 0.75       | 1.5   | 1.1    | 0.75       |
| YD094S-5/8   | 5/8           | 4                      | 8  | 1.5  | 3.0  | 2.1   | 1.5    | 1.5        | 3.1   | 2.2    | 1.5        |
| YD094S-3/4   | 3/4           | 6                      | 12 | 2.3  | 4.6  | 3.2   | 2.3    | 2.3        | 4.8   | 3.4    | 2.3        |
| YD094S-7/8   | 7/8           | 6                      | 12 | 2.3  | 4.6  | 3.2   | 2.3    | 2.3        | 4.8   | 3.4    | 2.3        |
| YD094S-1     | 1             | 8                      | 16 | 3.2  | 6.4  | 4.5   | 3.2    | 3.2        | 6.7   | 4.8    | 3.2        |
| YD094S-1-1/4 | 1-1/4         | 12                     | 24 | 4.5  | 9.0  | 6.3   | 4.5    | 4.5        | 9.4   | 6.7    | 4.5        |
| YD094S-1-1/2 | 1-1/2         | 16                     | 32 | 7.0  | 14.0 | 9.8   | 7.0    | 7.0        | 14.7  | 10.5   | 7.0        |
| YD094S-1-3/4 | 1-3/4         | 24                     | 48 | 9.0  | 18.0 | 12.6  | 9.0    | 9.0        | 18.9  | 13.5   | 9.0        |
| YD094S-2     | 2             | 32                     | 64 | 12.0 | 24.0 | 16.8  | 12.0   | 12.0       | 25.0  | 18.0   | 12.0       |

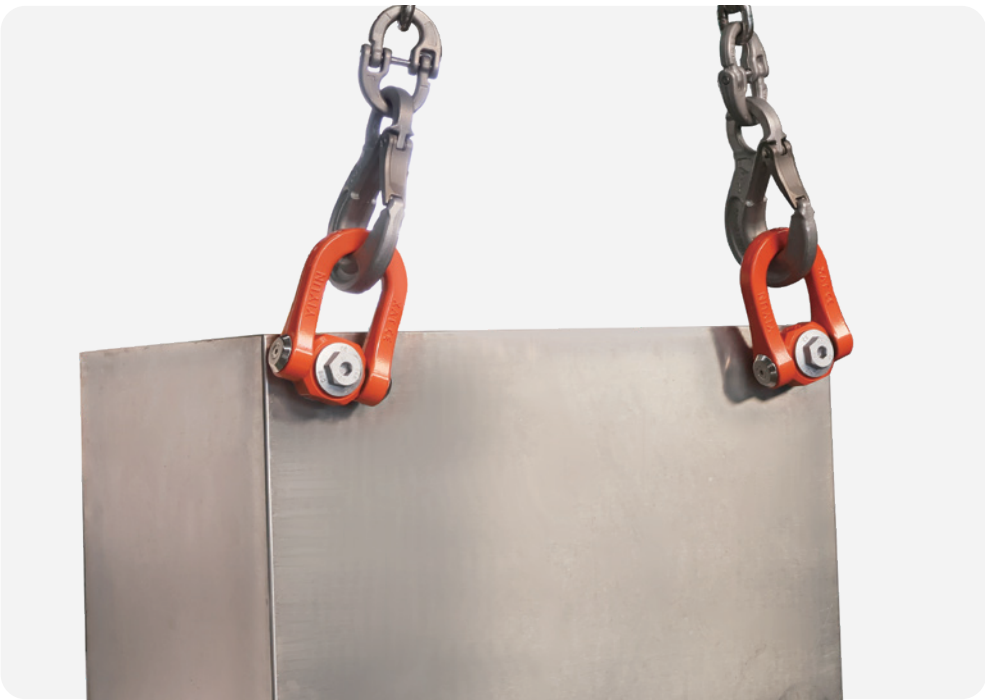


- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- The composition of alloy elements is more scientific, and the bolts are made of precision forged alloy steel with a tensile strength greater than 1080 MPa after quenching and tempering.
- The thread specifications are complete and the rated load range is wide (M8-M64, 0.5T-32T). The thread size can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- The hexagonal design on the top of the bolt allows for easy installation of the lifting point on the lifted object.
- Bolt anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

SUPER SWIVEL HOIST RING S | Metric Thread **NEW**

| 产品编号<br>ITEM NO. | 工作载荷<br>WLL/T | 螺纹<br>M | 尺寸参数 mm |     |     |     |    |       |    |      |       |    |    | 锁紧扭矩<br>Nm | 净重<br>Kg |
|------------------|---------------|---------|---------|-----|-----|-----|----|-------|----|------|-------|----|----|------------|----------|
|                  |               |         | E       | A   | B   | C   | D  | F     | G  | H    | I     | S  | SW |            |          |
| YDSS-M8          | 0.5           | 8×1.25  | 12      | 43  | 31  | 58  | 10 | 81.5  | 10 | 29   | 41    | 6  | 13 | 20         | 0.3      |
| YDSS-M10         | 0.7           | 10×1.5  | 16      | 43  | 31  | 58  | 10 | 81.5  | 10 | 29   | 41    | 6  | 13 | 20         | 0.3      |
| YDSS-M12         | 1.0           | 12×1.75 | 18      | 43  | 31  | 58  | 10 | 81.5  | 10 | 29   | 41    | 6  | 13 | 30         | 0.3      |
| YDSS-M14         | 1.5           | 14×2.0  | 21      | 53  | 36  | 69  | 13 | 100.5 | 12 | 39   | 48.5  | 8  | 19 | 60         | 0.6      |
| YDSS-M16         | 2.0           | 16×2.0  | 24      | 53  | 36  | 69  | 13 | 100.5 | 12 | 39   | 48.5  | 8  | 19 | 60         | 0.62     |
| YDSS-M18         | 2.5           | 18×2.5  | 40      | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73    | 10 | 27 | 70         | 1.9      |
| YDSS-M20         | 3.0           | 20×2.5  | 40      | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73    | 10 | 27 | 100        | 2.0      |
| YDSS-M22         | 3.0           | 22×2.5  | 40      | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73    | 10 | 27 | 120        | 2.0      |
| YDSS-M24         | 4.5           | 24×3.0  | 40      | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73    | 10 | 27 | 160        | 2.0      |
| YDSS-M27         | 5.0           | 27×3.0  | 40      | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87    | 14 | 34 | 200        | 4.3      |
| YDSS-M30         | 7.3           | 30×3.5  | 45      | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87    | 14 | 34 | 250        | 4.3      |
| YDSS-M33         | 8.0           | 33×3.5  | 50      | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87    | 14 | 34 | 250        | 4.4      |
| YDSS-M36         | 12.0          | 36×4.0  | 54      | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87    | 14 | 34 | 320        | 4.5      |
| YDSS-M39         | 12.0          | 39×4.0  | 58      | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87    | 14 | 34 | 320        | 4.6      |
| YDSS-M42         | 15.0          | 42×4.5  | 63      | 120 | 88  | 168 | 36 | 235.0 | 33 | 85.5 | 113.5 | 19 | 46 | 400        | 9.6      |
| YDSS-M45         | 17.0          | 45×4.5  | 63      | 120 | 88  | 168 | 36 | 235.0 | 33 | 85.5 | 113.5 | 19 | 46 | 400        | 9.7      |
| YDSS-M48         | 20.0          | 48×5.0  | 63      | 120 | 88  | 168 | 36 | 235.0 | 33 | 85.5 | 113.5 | 19 | 46 | 600        | 9.7      |
| YDSS-M52         | 20.0          | 52×5.0  | 68      | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122   | 22 | 55 | 600        | 14.6     |
| YDSS-M56         | 25.0          | 56×5.5  | 78      | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122   | 22 | 55 | 800        | 14.9     |
| YDSS-M60         | 25.0          | 60×5.5  | 90      | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122   | 22 | 55 | 800        | 15.4     |
| YDSS-M64         | 32.0          | 64×6.0  | 90      | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122   | 22 | 55 | 800        | 15.6     |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

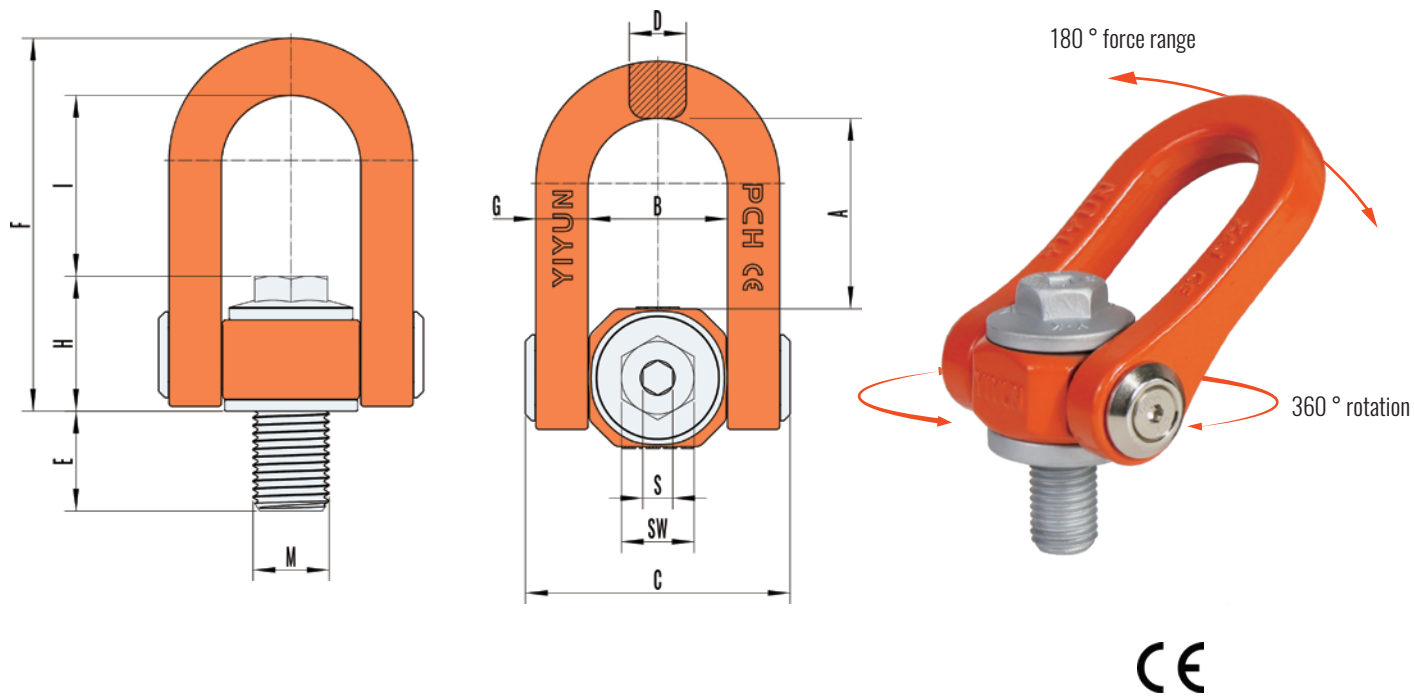


Lifting method



| Number        |         | 1                      | 2    | 1   | 2    | 2     |        | 2          | 3-4   |        | 3-4        |
|---------------|---------|------------------------|------|-----|------|-------|--------|------------|-------|--------|------------|
| Lifting angle |         | 0°                     | 0°   | 90° | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO       | M       | Working limit load / T |      |     |      |       |        |            |       |        |            |
| YDSS-M8       | 8×1.25  | 0.8                    | 1.6  | 0.5 | 1    | 0.7   | 0.5    | 0.5        | 1.1   | 0.8    | 0.5        |
| YDSS-M10      | 10×1.5  | 1.2                    | 2.4  | 0.7 | 1.4  | 1     | 0.7    | 0.7        | 1.5   | 1.1    | 0.7        |
| YDSS-M12      | 12×1.75 | 1.5                    | 3.0  | 1   | 2    | 1.4   | 1      | 1          | 2.1   | 1.5    | 1          |
| YDSS-M14      | 14×2.0  | 2.4                    | 4.8  | 1.5 | 3    | 2.1   | 1.5    | 1.5        | 3.15  | 2.3    | 1.5        |
| YDSS-M16      | 16×2.0  | 3.2                    | 6.4  | 2   | 4    | 2.8   | 2      | 2          | 4.2   | 3      | 2          |
| YDSS-M18      | 18×2.5  | 4.0                    | 8.0  | 2.5 | 5    | 3.5   | 2.5    | 2.5        | 5.25  | 3.75   | 2.5        |
| YDSS-M20      | 20×2.5  | 5.0                    | 10.0 | 3   | 6    | 4.2   | 3      | 3          | 6.3   | 4.5    | 3          |
| YDSS-M22      | 22×2.5  | 6.4                    | 12.8 | 3   | 6    | 4.2   | 3      | 3          | 6.3   | 4.5    | 3          |
| YDSS-M24      | 24×3.0  | 7.5                    | 15.0 | 4.5 | 9    | 6.3   | 4.5    | 4.5        | 9.45  | 6.8    | 4.5        |
| YDSS-M27      | 27×3.0  | 9.0                    | 18.0 | 5   | 10   | 7     | 5      | 5          | 10.5  | 7.5    | 5          |
| YDSS-M30      | 30×3.5  | 11.0                   | 22.0 | 7.3 | 14.6 | 10.2  | 7.3    | 7.3        | 15.3  | 11     | 7.3        |
| YDSS-M33      | 33×3.5  | 13.0                   | 26.0 | 10  | 20   | 14.2  | 10     | 10         | 21.2  | 15     | 10         |
| YDSS-M36      | 36×4.0  | 15.0                   | 30.0 | 12  | 24   | 16.8  | 12     | 12         | 25.2  | 18     | 12         |
| YDSS-M39      | 39×4.0  | 15.0                   | 30.0 | 12  | 24   | 16.8  | 12     | 12         | 25.2  | 18     | 12         |
| YDSS-M42      | 42×4.5  | 15.0                   | 30.0 | 15  | 30   | 21    | 15     | 15         | 31.5  | 22.5   | 15         |
| YDSS-M45      | 45×4.5  | 15.0                   | 30.0 | 17  | 34   | 24    | 17     | 17         | 36    | 25.5   | 17         |
| YDSS-M48      | 48×5.0  | 23.0                   | 46.0 | 20  | 40   | 28    | 20     | 20         | 42    | 30     | 20         |
| YDSS-M52      | 52×5.0  | 23.0                   | 46.0 | 20  | 40   | 28    | 20     | 20         | 42    | 30     | 20         |
| YDSS-M56      | 56×5.5  | 25.0                   | 50.0 | 25  | 50   | 35    | 25     | 25         | 53    | 37.5   | 25         |
| YDSS-M60      | 60×5.5  | 25.0                   | 50.0 | 25  | 50   | 35    | 25     | 25         | 53    | 37.5   | 25         |
| YDSS-M64      | 64×6.0  | 32.0                   | 64.0 | 32  | 64   | 45    | 32     | 32         | 67    | 48     | 32         |





**NEW**  
**SUPER SWIVEL HOIST RING S** | UNC Thread

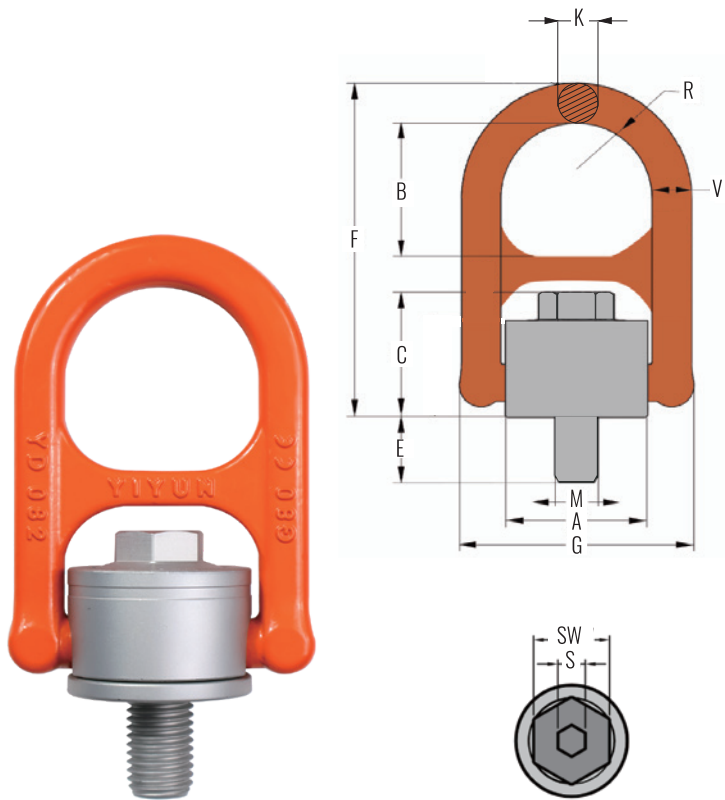
| ITEM NO.   | WLL/T | Thread |      | Technical Parameter mm |     |     |     |    |       |    |      |       |    |    | Nm  | Kg   |
|------------|-------|--------|------|------------------------|-----|-----|-----|----|-------|----|------|-------|----|----|-----|------|
|            |       | M      | TPI  | E                      | A   | B   | C   | D  | F     | G  | H    | I     | S  | SW |     |      |
| YDSS-3/8   | 0.7   | 3/8    | 16.0 | 16                     | 43  | 31  | 58  | 10 | 81.5  | 10 | 29.0 | 41.0  | 6  | 13 | 20  | 0.6  |
| YDSS-1/2   | 1.0   | 1/2    | 13.0 | 18                     | 43  | 31  | 58  | 10 | 81.5  | 10 | 29.0 | 53.0  | 6  | 13 | 20  | 0.6  |
| YDSS-5/8   | 2.0   | 5/8    | 11.0 | 24                     | 53  | 36  | 69  | 13 | 100.5 | 12 | 39.0 | 48.5  | 8  | 19 | 30  | 0.7  |
| YDSS-3/4   | 3.0   | 3/4    | 10.0 | 40                     | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73.0  | 10 | 27 | 80  | 2.0  |
| YDSS-7/8   | 3.0   | 7/8    | 9.0  | 40                     | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73.0  | 10 | 27 | 90  | 2.2  |
| YDSS-1     | 4.5   | 1      | 8.0  | 40                     | 74  | 54  | 105 | 19 | 145.0 | 20 | 50.5 | 73.0  | 10 | 27 | 110 | 2.5  |
| YDSS-1-1/4 | 8.0   | 1-1/4  | 7.0  | 45                     | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87.0  | 14 | 34 | 200 | 4.2  |
| YDSS-1-1/2 | 12.0  | 1-1/2  | 6.0  | 54                     | 92  | 68  | 133 | 27 | 182.0 | 26 | 67   | 87.0  | 14 | 34 | 400 | 4.5  |
| YDSS-1-3/4 | 15.0  | 1-3/4  | 5.0  | 63                     | 120 | 88  | 168 | 36 | 235.0 | 33 | 85.5 | 113.5 | 19 | 46 | 400 | 9.5  |
| YDSS-2     | 20.0  | 2      | 4.5  | 68                     | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122.0 | 22 | 55 | 600 | 14.6 |
| YDSS-2-1/4 | 25.0  | 2-1/4  | 4.0  | 78                     | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122.0 | 22 | 55 | 600 | 15.8 |
| YDSS-2-1/2 | 32.0  | 2-1/2  | 4.0  | 90                     | 128 | 100 | 192 | 40 | 263.5 | 39 | 98.5 | 122.0 | 22 | 55 | 600 | 15.3 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



The connection of the lifting ring adopts damping design, and the lifting ring can hover or gently fall in a suspended state to avoid collision and damage to the lifted object.

| Lifting method |       |                        |     |     |     |       |        |            |            |
|----------------|-------|------------------------|-----|-----|-----|-------|--------|------------|------------|
| Number         |       | 1                      | 2   | 1   | 2   | 2     | 2      | 3-4        | 3-4        |
| Lifting angle  |       | 0°                     | 0°  | 90° | 90° | 0-45° | 45-60° | asymmetric | asymmetric |
| ITEM NO        | M     | Working limit load / T |     |     |     |       |        |            |            |
| YDSS-3/8       | 3/8   | 0.7                    | 1.4 | 0.7 | 1.4 | 1     | 0.7    | 0.7        | 0.7        |
| YDSS-1/2       | 1/2   | 1.5                    | 3   | 1   | 2   | 1.4   | 1      | 1          | 1          |
| YDSS-5/8       | 5/8   | 2                      | 4   | 2   | 4   | 2.8   | 2      | 2          | 2          |
| YDSS-3/4       | 3/4   | 3                      | 6   | 3   | 6   | 4.2   | 3      | 3          | 3          |
| YDSS-7/8       | 7/8   | 3                      | 6   | 3   | 6   | 4.2   | 3      | 3          | 3          |
| YDSS-1         | 1     | 4.5                    | 9   | 4.5 | 9   | 6.3   | 4.5    | 4.5        | 4.5        |
| YDSS-1-1/4     | 1-1/4 | 8                      | 16  | 8   | 16  | 11.2  | 8      | 8          | 8          |
| YDSS-1-1/2     | 1-1/2 | 15                     | 30  | 12  | 24  | 16.8  | 12     | 12         | 12         |
| YDSS-1-3/4     | 1-3/4 | 15                     | 30  | 15  | 30  | 21    | 15     | 15         | 15         |
| YDSS-2         | 2     | 20                     | 40  | 20  | 40  | 28    | 20     | 20         | 20         |
| YDSS-2-1/4     | 2-1/4 | 25                     | 50  | 25  | 50  | 35    | 25     | 25         | 25         |
| YDSS-2-1/2     | 2-1/2 | 32                     | 64  | 32  | 64  | 45    | 32     | 32         | 32         |



- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- High strength, the bolts are made of precision forged alloy steel, and the tensile strength after quenching and tempering is greater than 1080 MPa. Integrated design of rotating base, forged as a whole, with higher strength.
- Complete thread specifications and wide rated load range (M8-M36, 0.5T-9.0T). Custom thread sizes (extended, shortened, coarse, fine, metric, American, etc.) can be provided according to customer requirements.
- The hexagonal design on the top of the bolt allows for easy installation of the lifting point on the lifted object.
- Bolt anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.



HEAVY DUTY HOIST RING | Metric Thread

| ITEM NO   | WLL/T | M       | Technical Parameter mm |    |    |      |       |     |    |      |    |    |    | Nm  | Kg  |
|-----------|-------|---------|------------------------|----|----|------|-------|-----|----|------|----|----|----|-----|-----|
|           |       |         | E                      | A  | B  | C    | F     | G   | V  | R    | S  | SW | K  |     |     |
| YD082-M8  | 0.5   | 8×1.25  | 12                     | 33 | 35 | 30.0 | 86.0  | 56  | 10 | 17.5 | 6  | 13 | 10 | 10  | 0.3 |
| YD082-M10 | 0.7   | 10×1.5  | 15                     | 33 | 35 | 30.0 | 86.0  | 56  | 10 | 17.5 | 6  | 13 | 10 | 10  | 0.3 |
| YD082-M12 | 1.0   | 12×1.75 | 20                     | 33 | 35 | 30.0 | 86.0  | 56  | 10 | 17.5 | 6  | 13 | 10 | 15  | 0.3 |
| YD082-M14 | 1.5   | 14×2.0  | 21                     | 50 | 55 | 44.0 | 130.0 | 85  | 14 | 27.0 | 8  | 19 | 13 | 30  | 1.0 |
| YD082-M16 | 2.0   | 16×2.0  | 24                     | 50 | 55 | 44.0 | 130.0 | 85  | 14 | 27.0 | 8  | 19 | 13 | 50  | 1.0 |
| YD082-M18 | 2.5   | 18×2.5  | 26                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 70  | 2.0 |
| YD082-M20 | 3.0   | 20×2.5  | 30                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 100 | 2.0 |
| YD082-M22 | 4.0   | 22×2.5  | 33                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 100 | 2.0 |
| YD082-M24 | 5.0   | 24×3.0  | 36                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 160 | 2.0 |
| YD082-M27 | 5.6   | 27×3.0  | 38                     | 87 | 80 | 76.5 | 218.0 | 150 | 27 | 45.5 | 14 | 34 | 25 | 200 | 5.5 |
| YD082-M30 | 7.8   | 30×3.5  | 48                     | 87 | 80 | 76.5 | 218.0 | 150 | 27 | 45.5 | 14 | 34 | 25 | 500 | 5.6 |
| YD082-M36 | 9.0   | 36×4.0  | 54                     | 87 | 80 | 76.5 | 218.0 | 150 | 27 | 45.5 | 14 | 34 | 25 | 500 | 5.7 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

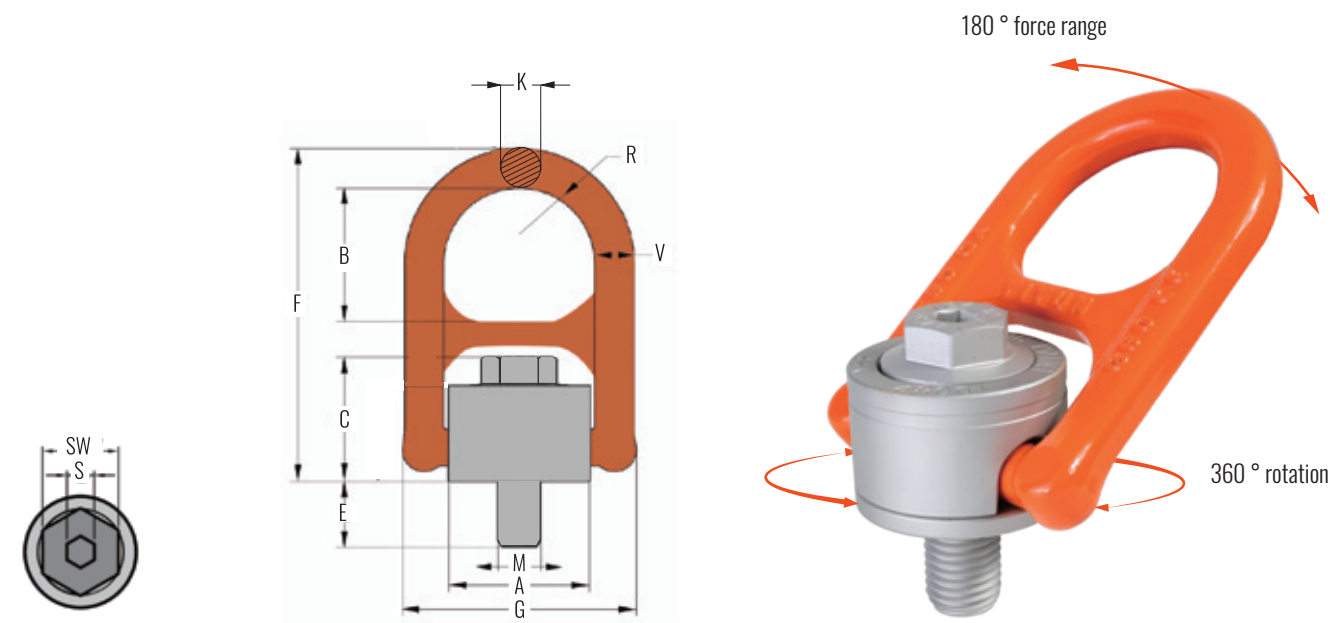


Lifting method



| Number        | 1       | 2                      | 1    | 2   | 2     |        | 2          | 3-4   |        | 3-4        |     |
|---------------|---------|------------------------|------|-----|-------|--------|------------|-------|--------|------------|-----|
| Lifting angle | 0°      | 0°                     | 90°  | 90° | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |     |
| ITEM NO       | M       | Working limit load / T |      |     |       |        |            |       |        |            |     |
| YD082-M8      | 8×1.25  | 0.8                    | 1.6  | 0.5 | 1.0   | 0.7    | 0.5        | 0.5   | 1.05   | 0.75       | 0.5 |
| YD082-M10     | 10×1.5  | 1.2                    | 2.4  | 0.7 | 1.4   | 0.98   | 0.7        | 0.7   | 1.47   | 1.05       | 0.7 |
| YD082-M12     | 12×1.75 | 2.0                    | 4.0  | 1.0 | 2.0   | 1.4    | 1.0        | 1.0   | 2.1    | 1.5        | 1.0 |
| YD082-M14     | 14×2.0  | 2.4                    | 4.8  | 1.5 | 3.0   | 2.1    | 1.5        | 1.5   | 3.15   | 2.25       | 1.5 |
| YD082-M16     | 16×2.0  | 3.2                    | 6.4  | 2.0 | 4.0   | 2.8    | 2.0        | 2.0   | 4.2    | 3.0        | 2.0 |
| YD082-M18     | 18×2.5  | 5.0                    | 10.0 | 2.5 | 5.0   | 3.5    | 2.5        | 2.5   | 5.25   | 3.75       | 2.5 |
| YD082-M20     | 20×2.5  | 5.6                    | 11.2 | 3.0 | 6.0   | 4.2    | 3.0        | 3.0   | 6.3    | 4.5        | 3.0 |
| YD082-M22     | 22×2.5  | 7.0                    | 14.0 | 4.0 | 8.0   | 5.5    | 4.0        | 4.0   | 8.0    | 6.0        | 4.0 |
| YD082-M24     | 24×3.0  | 9.2                    | 18.4 | 5.0 | 10.0  | 7.0    | 5.0        | 5.0   | 10.5   | 7.5        | 5.0 |
| YD082-M27     | 27×3.0  | 9.5                    | 19.0 | 5.6 | 11.2  | 7.84   | 5.6        | 5.6   | 11.76  | 8.4        | 5.6 |
| YD082-M30     | 30×3.5  | 12.0                   | 24.0 | 7.8 | 15.6  | 10.92  | 7.8        | 7.8   | 16.38  | 11.7       | 7.8 |
| YD082-M36     | 36×4.0  | 12.5                   | 25.0 | 9.0 | 18.0  | 12.6   | 9.0        | 9.0   | 18.9   | 13.5       | 9.0 |





HEAVY DUTY HOIST RING | UNC Thread

| ITEM NO.    | WLL/T | Thread |      | Technical Parameter mm |    |    |      |       |     |    |      |    |    |    | Nm  | Kg  |
|-------------|-------|--------|------|------------------------|----|----|------|-------|-----|----|------|----|----|----|-----|-----|
|             |       | M      | TPI  | E                      | A  | B  | C    | F     | G   | V  | R    | S  | SW | K  |     |     |
| YD082-1/2   | 0.8   | 1/2    | 13.0 | 20                     | 33 | 35 | 30.0 | 86.0  | 56  | 10 | 17.5 | 6  | 13 | 10 | 15  | 0.3 |
| YD082-5/8   | 1.6   | 5/8    | 11.0 | 24                     | 50 | 55 | 44.0 | 130.0 | 85  | 14 | 27.0 | 8  | 19 | 13 | 30  | 1.0 |
| YD082-3/4   | 2.4   | 3/4    | 10.0 | 30                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 80  | 2.0 |
| YD082-7/8   | 3.0   | 7/8    | 9.0  | 36                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 90  | 2.0 |
| YD082-1     | 4.0   | 1      | 8.0  | 36                     | 65 | 66 | 58.0 | 162.5 | 109 | 18 | 34.5 | 10 | 27 | 16 | 110 | 2.0 |
| YD082-1-1/4 | 6.25  | 1-1/4  | 7.0  | 48                     | 87 | 80 | 76.5 | 218.0 | 150 | 27 | 45.5 | 14 | 34 | 25 | 200 | 5.6 |

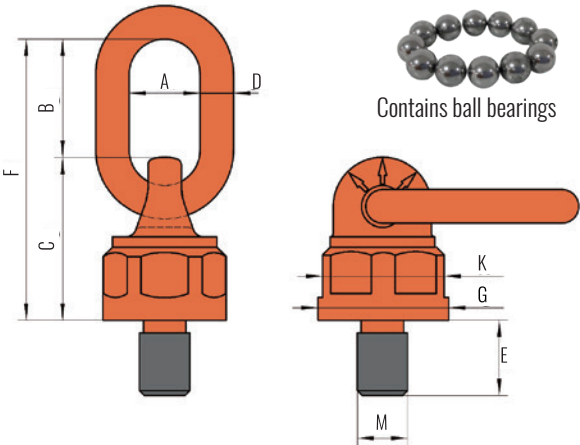
★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



Lifting method



| Number        | 1     | 2                      | 1    | 2    | 2     |        | 2          | 3-4   |        | 3-4        |      |
|---------------|-------|------------------------|------|------|-------|--------|------------|-------|--------|------------|------|
| Lifting angle | 0°    | 0°                     | 90°  | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |      |
| ITEM NO       | M     | Working limit load / T |      |      |       |        |            |       |        |            |      |
| YD082-1/2     | 1/2   | 1.2                    | 2.4  | 0.8  | 1.6   | 1.12   | 0.8        | 0.8   | 1.68   | 1.2        | 0.8  |
| YD082-5/8     | 5/8   | 2.6                    | 5.2  | 1.6  | 3.2   | 2.24   | 1.6        | 1.6   | 3.36   | 2.4        | 1.6  |
| YD082-3/4     | 3/4   | 3.6                    | 7.2  | 2.4  | 4.8   | 3.36   | 2.4        | 2.4   | 5.0    | 3.6        | 2.4  |
| YD082-7/8     | 7/8   | 4.5                    | 9.0  | 3.0  | 6.0   | 4.20   | 3.0        | 3.0   | 6.3    | 4.5        | 3.0  |
| YD082-1       | 1     | 7.2                    | 14.4 | 4.0  | 8.0   | 5.60   | 4.0        | 4.0   | 8.4    | 6.0        | 4.0  |
| YD082-1-1/4   | 1-1/4 | 9.6                    | 19.2 | 6.25 | 12.5  | 8.75   | 6.25       | 6.25  | 13.13  | 9.38       | 6.25 |



- 360 ° rotation&230 ° force range, built-in ball structure, uniform force distribution, smooth rotation. When the direction of force changes, the lifting ring rotates with the direction of force without twisting.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- High strength, the bolts are made of precision forged alloy steel, and the tensile strength after quenching and tempering is greater than 1080 MPa. The surface of the lifting ring is electrostatically sprayed to improve its anti-corrosion ability.



- Complete thread specifications and wide rated load range (M8-M150, 0.4T-50.0T): Thread sizes can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- The hexagonal design of the lifting ring base allows for easy installation of the lifting point on the lifted object.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

UNIVERSAL HOIST RING | Metric Thread

| ITEM NO    | WLL/T | M       | Technical Parameter mm |     |       |       |    |       |     |      | Nm      | Kg   |
|------------|-------|---------|------------------------|-----|-------|-------|----|-------|-----|------|---------|------|
|            |       |         | E                      | A±2 | B±3   | C     | D  | F±3   | G   | K    |         |      |
| YD083-M8   | 0.4   | 8×1.25  | 12.0                   | 30  | 43.5  | 54.0  | 12 | 97.5  | 40  | 37.0 | 10-40   | 0.44 |
| YD083-M10  | 0.6   | 10×1.50 | 19.0                   | 30  | 43.5  | 54.0  | 12 | 97.5  | 40  | 37.0 | 10-40   | 0.45 |
| YD083-M12S | 0.7   | 12×1.75 | 19.0                   | 30  | 43.5  | 54.0  | 12 | 97.5  | 40  | 37.0 | 15-40   | 0.45 |
| YD083-M14  | 1.25  | 14×2.00 | 31.8                   | 30  | 43.5  | 54.0  | 12 | 97.5  | 40  | 37.0 | 30-100  | 0.45 |
| YD083-M16S | 1.5   | 16×2.00 | 31.8                   | 30  | 43.5  | 54.0  | 12 | 97.5  | 40  | 37.0 | 45-130  | 0.48 |
| YD083-M12B | 1.05  | 12×1.75 | 19.0                   | 34  | 54.5  | 78.0  | 16 | 132.5 | 59  | 54.5 | 15-40   | 1.15 |
| YD083-M16B | 1.9   | 16×2.00 | 30.0                   | 34  | 54.5  | 78.0  | 16 | 132.5 | 59  | 54.5 | 45-130  | 1.35 |
| YD083-M18S | 1.9   | 18×2.50 | 30.0                   | 34  | 54.5  | 78.0  | 16 | 132.5 | 59  | 54.5 | 100-170 | 1.35 |
| YD083-M20S | 2.0   | 20×2.50 | 30.0                   | 34  | 54.5  | 78.0  | 16 | 132.5 | 59  | 54.5 | 100-170 | 1.4  |
| YD083-M22S | 2.0   | 22×2.50 | 30.0                   | 34  | 54.5  | 78.0  | 16 | 132.5 | 59  | 54.5 | 100-170 | 1.4  |
| YD083-M24S | 3.15  | 24×3.00 | 30.0                   | 34  | 54.5  | 78.0  | 16 | 132.5 | 59  | 54.5 | 190-280 | 1.4  |
| YD083-M18B | 2.0   | 18×2.50 | 38.1                   | 40  | 67.0  | 93.0  | 20 | 160.0 | 70  | 64.5 | 100-170 | 2.3  |
| YD083-M20B | 2.5   | 20×2.50 | 38.1                   | 40  | 67.0  | 93.0  | 20 | 160.0 | 70  | 64.5 | 100-170 | 2.3  |
| YD083-M22B | 2.5   | 22×2.50 | 38.1                   | 40  | 67.0  | 93.0  | 20 | 160.0 | 70  | 64.5 | 100-170 | 2.35 |
| YD083-M24B | 4.0   | 24×3.00 | 38.1                   | 40  | 67.0  | 93.0  | 20 | 160.0 | 70  | 64.5 | 190-280 | 2.35 |
| YD083-M27  | 4.0   | 27×3.00 | 38.1                   | 40  | 67.0  | 93.0  | 20 | 160.0 | 70  | 64.5 | 250-500 | 2.35 |
| YD083-M30S | 5.0   | 30×3.50 | 35.0                   | 40  | 67.0  | 93.0  | 20 | 160.0 | 70  | 64.5 | 270-600 | 2.5  |
| YD083-M30B | 6.0   | 30×3.50 | 50.0                   | 51  | 95.0  | 111.0 | 22 | 206.0 | 79  | 74.0 | 270-600 | 3.75 |
| YD083-M33  | 7.5   | 33×3.50 | 50.0                   | 51  | 95.0  | 111.0 | 22 | 206.0 | 79  | 74.0 | 270-600 | 3.8  |
| YD083-M36  | 10.0  | 36×4.00 | 54.0                   | 51  | 95.0  | 111.0 | 22 | 206.0 | 79  | 74.0 | 270-600 | 3.9  |
| YD083-M39  | 10.0  | 39×4.00 | 58.0                   | 51  | 95.0  | 111.0 | 22 | 206.0 | 79  | 74.0 | 350-800 | 4.0  |
| YD083-M42  | 13.0  | 42×4.50 | 63.0                   | 65  | 108.0 | 122.5 | 26 | 230.5 | 93  | 85.0 | 350-800 | 5.9  |
| YD083-M45  | 13.0  | 45×4.50 | 68.0                   | 65  | 108.0 | 122.5 | 26 | 230.5 | 93  | 85.0 | 350-800 | 6.0  |
| YD083-M48  | 14.0  | 48×5.00 | 68.0                   | 65  | 108.0 | 122.5 | 26 | 230.5 | 93  | 85.0 | 350-800 | 6.15 |
| YD083-M52  | 20.0  | 52×5.00 | 84.0                   | 70  | 120.0 | 158.0 | 32 | 278.0 | 105 | 95.0 | 350-900 | 10.0 |
| YD083-M56  | 20.0  | 56×5.50 | 84.0                   | 70  | 120.0 | 158.0 | 32 | 278.0 | 105 | 95.0 | 350-900 | 10.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.



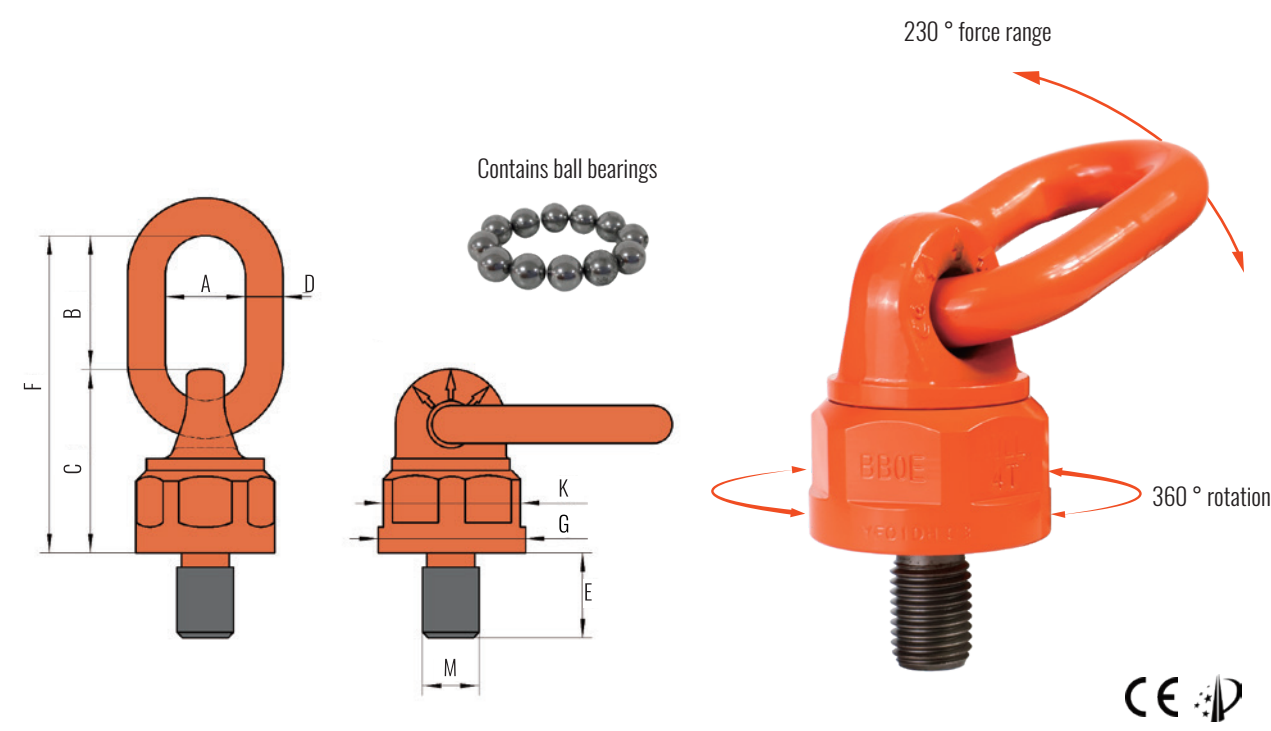
Lifting method



| Number        |    | 1                      | 2    | 1     | 2    | 2     |        | 2          | 3-4   |        | 3-4        |
|---------------|----|------------------------|------|-------|------|-------|--------|------------|-------|--------|------------|
| Lifting angle |    | 0°                     | 0°   | 90°   | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO       | M  | Working limit load / T |      |       |      |       |        |            |       |        |            |
| YD083-M8      | 8  | 0.6                    | 1.2  | 0.40  | 0.8  | 0.6   | 0.4    | 0.4        | 0.8   | 0.6    | 0.4        |
| YD083-M10     | 10 | 0.9                    | 1.8  | 0.60  | 1.2  | 0.8   | 0.6    | 0.6        | 1.3   | 0.9    | 0.6        |
| YD083-M12S    | 12 | 1.2                    | 2.4  | 0.70  | 1.4  | 1.0   | 0.7    | 0.7        | 1.5   | 1.1    | 0.7        |
| YD083-M14     | 14 | 2.0                    | 4.0  | 1.25  | 2.5  | 1.8   | 1.3    | 1.3        | 2.6   | 1.9    | 1.3        |
| YD083-M16S    | 16 | 2.6                    | 5.2  | 1.50  | 3.0  | 2.1   | 1.5    | 1.5        | 3.2   | 2.3    | 1.5        |
| YD083-M12B    | 12 | 1.6                    | 3.2  | 1.05  | 2.1  | 1.5   | 1.1    | 1.1        | 2.2   | 1.6    | 1.1        |
| YD083-M16B    | 16 | 3.0                    | 6.0  | 1.90  | 3.8  | 2.7   | 1.9    | 1.9        | 4.0   | 2.9    | 1.9        |
| YD083-M18S    | 18 | 3.0                    | 6.0  | 1.90  | 3.8  | 2.7   | 1.9    | 1.9        | 4.0   | 2.9    | 1.9        |
| YD083-M20S    | 20 | 3.5                    | 7.0  | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| YD083-M22S    | 22 | 3.5                    | 7.0  | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| YD083-M24S    | 24 | 5.0                    | 10.0 | 3.15  | 6.3  | 4.4   | 3.2    | 3.2        | 6.6   | 4.7    | 3.2        |
| YD083-M18B    | 18 | 3.6                    | 7.2  | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| YD083-M20B    | 20 | 4.0                    | 8.0  | 2.50  | 5.0  | 3.5   | 2.5    | 2.5        | 5.3   | 3.8    | 2.5        |
| YD083-M22B    | 22 | 4.0                    | 8.0  | 2.50  | 5.0  | 3.5   | 2.5    | 2.5        | 5.3   | 3.8    | 2.5        |
| YD083-M24B    | 24 | 7.0                    | 14.0 | 4.00  | 8.0  | 5.6   | 4.0    | 4.0        | 8.4   | 6.0    | 4.0        |
| YD083-M27     | 27 | 7.0                    | 14.0 | 4.00  | 8.0  | 5.6   | 4.0    | 4.0        | 8.4   | 6.0    | 4.0        |
| YD083-M30S    | 30 | 7.0                    | 14.0 | 5.00  | 10.0 | 7.0   | 5.0    | 5.0        | 10.5  | 7.5    | 5.0        |
| YD083-M30B    | 30 | 10.0                   | 20.0 | 6.00  | 12.0 | 8.4   | 6.0    | 6.0        | 12.6  | 9.0    | 6.0        |
| YD083-M33     | 33 | 15.0                   | 30.0 | 7.50  | 15.0 | 10.5  | 7.5    | 7.5        | 15.8  | 11.3   | 7.5        |
| YD083-M36     | 36 | 15.0                   | 30.0 | 10.00 | 20.0 | 14.0  | 10.0   | 10.0       | 21.0  | 15.0   | 10.0       |
| YD083-M39     | 39 | 15.0                   | 30.0 | 10.00 | 20.0 | 14.0  | 10.0   | 10.0       | 21.0  | 15.0   | 10.0       |
| YD083-M42     | 42 | 17.0                   | 34.0 | 13.00 | 26.0 | 18.2  | 13.0   | 13.0       | 27.3  | 19.5   | 13.0       |
| YD083-M45     | 45 | 17.0                   | 34.0 | 13.00 | 26.0 | 18.2  | 13.0   | 13.0       | 27.3  | 19.5   | 13.0       |
| YD083-M48     | 48 | 18.0                   | 36.0 | 14.00 | 28.0 | 19.6  | 14.0   | 14.0       | 29.4  | 21.0   | 14.0       |
| YD083-M52     | 52 | 25.0                   | 50.0 | 20.00 | 40.0 | 28.0  | 20.0   | 20.0       | 42.0  | 30.0   | 20.0       |
| YD083-M56     | 56 | 28.0                   | 56.0 | 20.00 | 40.0 | 28.0  | 20.0   | 20.0       | 42.0  | 30.0   | 20.0       |



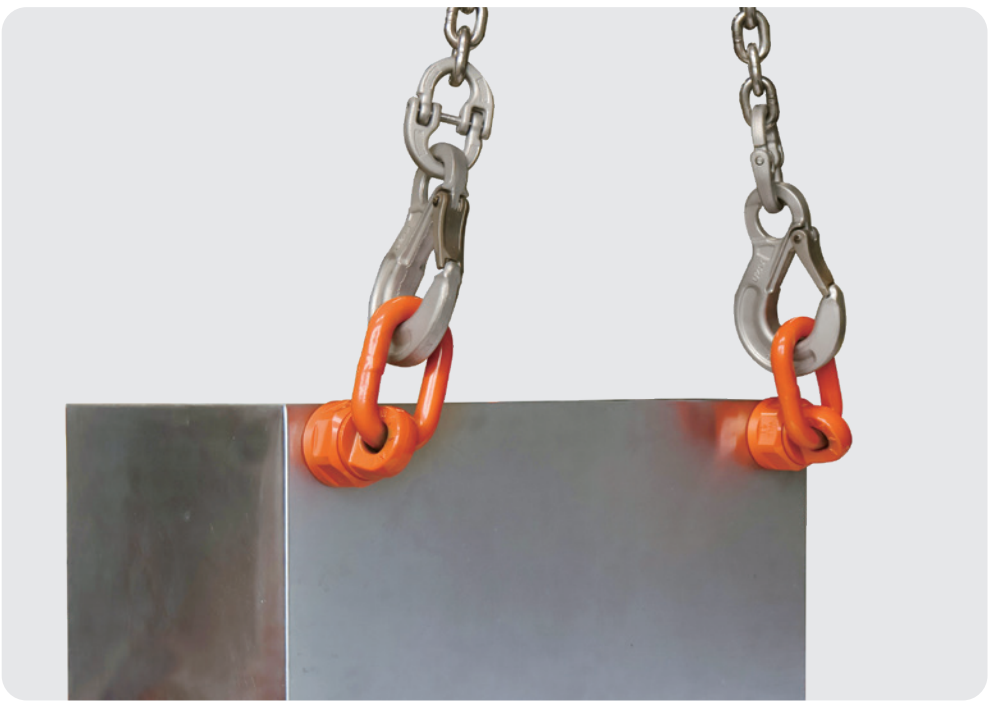




UNIVERSAL HOIST RING | Metric Thread

| ITEM NO     | WLL/T | M       | Technical Parameter mm |     |     |     |    |     |     |     | Nm       | Kg   |
|-------------|-------|---------|------------------------|-----|-----|-----|----|-----|-----|-----|----------|------|
|             |       |         | E                      | A±2 | B±3 | C   | D  | F±3 | G   | K   |          |      |
| YD083-M60   | 20.0  | 60×5.5  | 90                     | 70  | 120 | 158 | 32 | 278 | 105 | 95  | 350-900  | 10.5 |
| YD083-M64   | 20.0  | 64×6.0  | 95                     | 70  | 120 | 158 | 32 | 278 | 105 | 95  | 500-1000 | 10.7 |
| YD083-M72S  | 25.0  | 72×6.0  | 108                    | 80  | 123 | 210 | 40 | 333 | 158 | 142 | 500-1200 | 23.0 |
| YD083-M80S  | 30.0  | 80×6.0  | 120                    | 80  | 123 | 210 | 40 | 333 | 158 | 142 | 500-1200 | 24.0 |
| YD083-M90S  | 35.0  | 90×6.0  | 135                    | 80  | 123 | 210 | 40 | 333 | 158 | 142 | 500-1500 | 26.0 |
| YD083-M100S | 35.0  | 100×6.0 | 135                    | 80  | 123 | 210 | 40 | 333 | 158 | 142 | 500-1700 | 26.0 |
| YD083-M72B  | 31.5  | 72×6.0  | 108                    | 90  | 138 | 230 | 48 | 368 | 169 | 155 | 500-1400 | 34.0 |
| YD083-M80B  | 35.0  | 80×6.0  | 120                    | 90  | 138 | 230 | 48 | 368 | 169 | 155 | 500-1500 | 35.5 |
| YD083-M90B  | 40.0  | 90×6.0  | 135                    | 90  | 138 | 230 | 48 | 368 | 169 | 155 | 500-1500 | 37.5 |
| YD083-M100B | 40.0  | 100×6.0 | 135                    | 90  | 138 | 230 | 48 | 368 | 169 | 155 | 500-1700 | 39.0 |
| YD083-M110  | 50.0  | 110×6.0 | 135                    | 90  | 138 | 230 | 48 | 368 | 169 | 155 | 500-1700 | 41.0 |
| YD083-M120  | 50.0  | 120×6.0 | 135                    | 90  | 138 | 230 | 48 | 368 | 169 | 155 | 500-1700 | 43.0 |
| YD083-M130  | 50.0  | 130×6.0 | 135                    | 90  | 138 | 230 | 48 | 368 | 198 | 155 | 500-1700 | 45.0 |
| YD083-M140  | 50.0  | 140×6.0 | 135                    | 90  | 138 | 230 | 48 | 368 | 198 | 155 | 500-1700 | 47.0 |
| YD083-M150  | 50.0  | 150×6.0 | 135                    | 90  | 138 | 230 | 48 | 368 | 198 | 155 | 500-1700 | 49.5 |

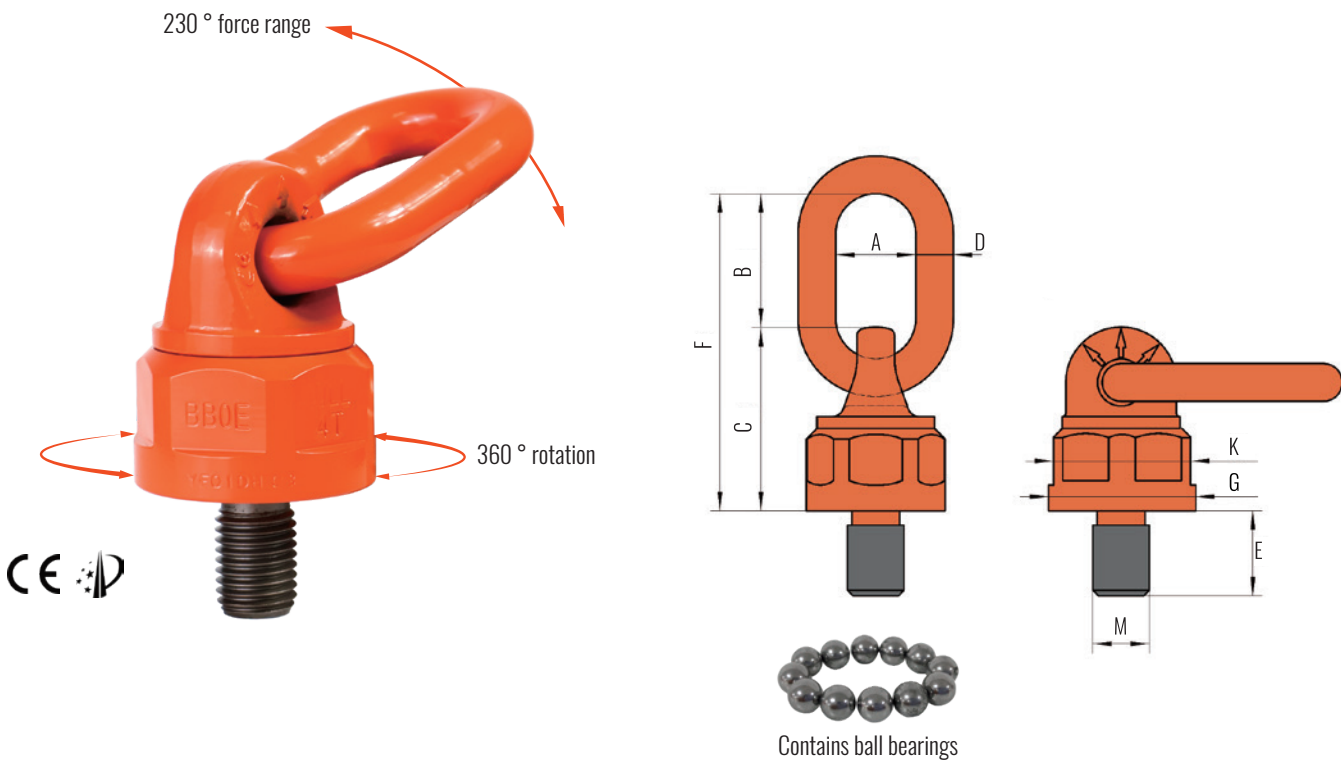
★Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.



Lifting method



| Number        | 1   | 2                      | 1   | 2    | 2     | 2      | 3-4        | 3-4   |        |            |      |
|---------------|-----|------------------------|-----|------|-------|--------|------------|-------|--------|------------|------|
| Lifting angle | 0°  | 0°                     | 90° | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |      |
| ITEM NO       | M   | Working limit load / T |     |      |       |        |            |       |        |            |      |
| YD083-M60     | 60  | 28.0                   | 56  | 20.0 | 40    | 28.0   | 20.0       | 20.0  | 42.0   | 30.0       | 20.0 |
| YD083-M64     | 64  | 28.0                   | 56  | 20.0 | 40    | 28.0   | 20.0       | 20.0  | 42.0   | 30.0       | 20.0 |
| YD083-M72S    | 72  | 31.5                   | 63  | 25.0 | 50    | 35.0   | 25.0       | 25.0  | 52.5   | 37.5       | 25.0 |
| YD083-M80S    | 80  | 38.0                   | 76  | 30.0 | 60    | 42.0   | 30.0       | 30.0  | 63.0   | 45.0       | 30.0 |
| YD083-M90S    | 90  | 40.0                   | 80  | 35.0 | 70    | 49.0   | 35.0       | 35.0  | 73.5   | 52.5       | 35.0 |
| YD083-M100S   | 100 | 40.0                   | 80  | 35.0 | 70    | 49.0   | 35.0       | 35.0  | 73.5   | 52.5       | 35.0 |
| YD083-M72B    | 72  | 40.0                   | 80  | 31.5 | 63    | 44.1   | 31.5       | 31.5  | 66.2   | 47.3       | 31.5 |
| YD083-M80B    | 80  | 40.0                   | 80  | 35.0 | 70    | 49.0   | 35.0       | 35.0  | 73.5   | 52.5       | 35.0 |
| YD083-M90B    | 90  | 50.0                   | 100 | 40.0 | 80    | 56.0   | 40.0       | 40.0  | 84.0   | 60.0       | 40.0 |
| YD083-M100B   | 100 | 50.0                   | 100 | 40.0 | 80    | 56.0   | 40.0       | 40.0  | 84.0   | 60.0       | 40.0 |
| YD083-M110    | 110 | 50.0                   | 100 | 50.0 | 100   | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083-M120    | 120 | 50.0                   | 100 | 50.0 | 100   | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083-M130    | 130 | 50.0                   | 100 | 50.0 | 100   | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083-M140    | 140 | 50.0                   | 100 | 50.0 | 100   | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083-M150    | 150 | 50.0                   | 100 | 50.0 | 100   | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |



UNIVERSAL HOIST RING | UNC Thread

| ITEM NO      | WLL/T | Thread |       | Technical Parameter mm |     |      |       |    |       |     |      | Nm       | Kg   |
|--------------|-------|--------|-------|------------------------|-----|------|-------|----|-------|-----|------|----------|------|
|              |       | M      | TPI   | E                      | A±2 | B±3  | C     | D  | F±3   | G   | K    |          |      |
| YD083-5/16   | 0.4   | 5/16   | 18    | 12                     | 30  | 43.5 | 54    | 12 | 97.5  | 40  | 37   | 10-40    | 0.5  |
| YD083-3/8    | 0.6   | 3/8    | 16    | 19                     | 30  | 43.5 | 54    | 12 | 97.5  | 40  | 37   | 10-40    | 0.5  |
| YD083-1/2    | 0.7   | 1/2    | 13    | 19                     | 30  | 43.5 | 54    | 12 | 97.5  | 40  | 37   | 15-40    | 0.5  |
| YD083-5/8    | 1.5   | 5/8    | 11    | 31.8                   | 30  | 43.5 | 54    | 12 | 97.5  | 40  | 37   | 45-130   | 0.5  |
| YD083-1/2B   | 1.05  | 1/2    | 13    | 19                     | 34  | 54.5 | 78    | 16 | 132.5 | 59  | 54.5 | 15-40    | 1.15 |
| YD083-5/8B   | 1.9   | 5/8    | 11    | 30                     | 34  | 54.5 | 78    | 16 | 132.5 | 59  | 54.5 | 45-130   | 1.35 |
| YD083-3/4S   | 1.9   | 3/4    | 10    | 30                     | 34  | 54.5 | 78    | 16 | 132.5 | 59  | 54.5 | 45-130   | 1.4  |
| YD083-7/8S   | 2     | 7/8    | 9     | 30                     | 34  | 54.5 | 78    | 16 | 132.5 | 59  | 54.5 | 100-170  | 1.4  |
| YD083-1S     | 3.15  | 1      | 8     | 30                     | 34  | 54.5 | 78    | 16 | 132.5 | 59  | 54.5 | 190-280  | 1.4  |
| YD083-3/4B   | 2     | 3/4    | 10    | 38.1                   | 40  | 67   | 93    | 20 | 160   | 70  | 64.5 | 45-130   | 2.5  |
| YD083-7/8B   | 2.5   | 7/8    | 9     | 38.1                   | 40  | 67   | 93    | 20 | 160   | 70  | 64.5 | 100-170  | 2.5  |
| YD083-1B     | 4     | 1      | 8     | 38.1                   | 40  | 67   | 93    | 20 | 160   | 70  | 64.5 | 190-280  | 2.5  |
| YD083-1-1/4  | 6     | 1-1/4  | 7     | 50                     | 51  | 95   | 111   | 22 | 206   | 79  | 74   | 270-600  | 4    |
| YD083-1-1/2  | 10    | 1-1/2  | 6     | 54                     | 51  | 95   | 111   | 22 | 206   | 79  | 74   | 270-600  | 4    |
| YD083-1-3/4  | 13    | 1-3/4  | 5     | 68                     | 65  | 108  | 122.5 | 26 | 230.5 | 93  | 85   | 350-800  | 6    |
| YD083-2S     | 14    | 2      | 4-1/2 | 68                     | 65  | 108  | 122.5 | 26 | 230.5 | 93  | 85   | 350-800  | 6.3  |
| YD083-2B     | 17    | 2      | 4-1/2 | 84                     | 70  | 120  | 158   | 32 | 278   | 105 | 95   | 350-800  | 11   |
| YD083-2-1/4  | 20    | 2-1/4  | 4-1/2 | 84                     | 70  | 120  | 158   | 32 | 278   | 105 | 95   | 350-900  | 11   |
| YD083-2-1/2  | 20    | 2-1/2  | 4     | 95                     | 70  | 120  | 158   | 32 | 278   | 105 | 95   | 350-900  | 11   |
| YD083-3S     | 25    | 3      | 4     | 108                    | 80  | 123  | 210   | 40 | 333   | 158 | 142  | 500-1400 | 23   |
| YD083-3-1/2S | 35    | 3-1/2  | 4     | 135                    | 80  | 123  | 210   | 40 | 333   | 158 | 142  | 500-1400 | 26   |
| YD083-4S     | 35    | 4      | 4     | 135                    | 80  | 123  | 210   | 40 | 333   | 158 | 142  | 500-1700 | 26   |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.

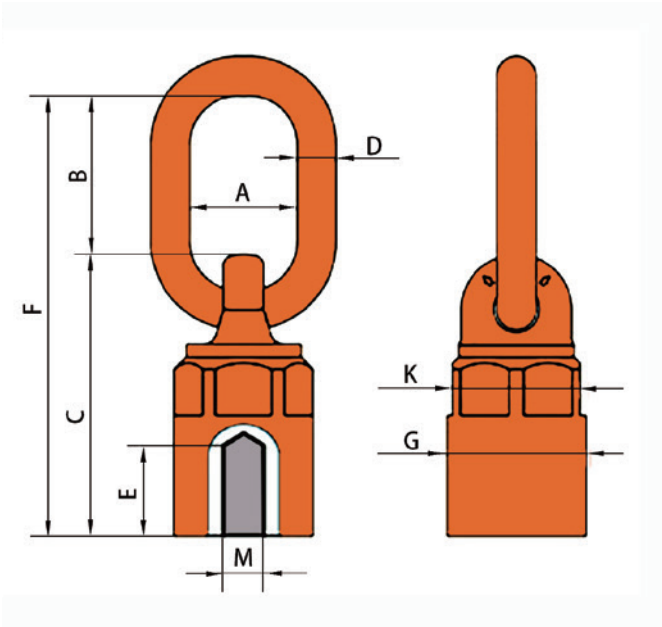


Lifting method



| Number        |       | 1                      | 2   | 1    | 2   | 2     |        | 2          | 3-4   |        | 3-4        |
|---------------|-------|------------------------|-----|------|-----|-------|--------|------------|-------|--------|------------|
| Lifting angle |       | 0°                     | 0°  | 90°  | 90° | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO       | M     | Working limit load / T |     |      |     |       |        |            |       |        |            |
| YD083-5/16    | 5/16  | 0.6                    | 1.2 | 0.4  | 0.8 | 0.6   | 0.4    | 0.4        | 0.8   | 0.6    | 0.4        |
| YD083-3/8     | 3/8   | 0.9                    | 1.8 | 0.6  | 1.2 | 0.8   | 0.6    | 0.6        | 1.3   | 0.9    | 0.6        |
| YD083-1/2     | 1/2   | 1.2                    | 2.4 | 0.7  | 1.4 | 1.0   | 0.7    | 0.7        | 1.5   | 1.1    | 0.7        |
| YD083-5/8     | 5/8   | 2.6                    | 5.2 | 1.5  | 3   | 2.1   | 1.5    | 1.5        | 3.2   | 2.3    | 1.5        |
| YD083-1/2B    | 1/2   | 1.6                    | 3.2 | 1.05 | 2.1 | 1.5   | 1.1    | 1.1        | 2.2   | 1.6    | 1.1        |
| YD083-5/8B    | 5/8   | 3                      | 6   | 1.9  | 3.8 | 2.7   | 1.9    | 1.9        | 4.0   | 2.9    | 1.9        |
| YD083-3/4S    | 3/4   | 3                      | 6   | 1.9  | 3.8 | 2.7   | 1.9    | 1.9        | 4.0   | 2.9    | 1.9        |
| YD083-7/8S    | 7/8   | 3.5                    | 7   | 2    | 4   | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| YD083-1S      | 1     | 5                      | 10  | 3.15 | 6.3 | 4.4   | 3.2    | 3.2        | 6.6   | 4.7    | 3.2        |
| YD083-3/4B    | 3/4   | 3.6                    | 7.2 | 2    | 4   | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| YD083-7/8B    | 7/8   | 4                      | 8   | 2.5  | 5   | 3.5   | 2.5    | 2.5        | 5.3   | 3.8    | 2.5        |
| YD083-1B      | 1     | 7                      | 14  | 4    | 8   | 5.6   | 4.0    | 4.0        | 8.4   | 6.0    | 4.0        |
| YD083-1-1/4   | 1-1/4 | 10                     | 20  | 6    | 12  | 8.4   | 6.0    | 6.0        | 12.6  | 9.0    | 6.0        |
| YD083-1-1/2   | 1-1/2 | 15                     | 30  | 10   | 20  | 14.0  | 10.0   | 10.0       | 21.0  | 15.0   | 10.0       |
| YD083-1-3/4   | 1-3/4 | 17                     | 34  | 13   | 26  | 18.2  | 13.0   | 13.0       | 27.3  | 19.5   | 13.0       |
| YD083-2S      | 2     | 18                     | 36  | 14   | 28  | 19.6  | 14.0   | 14.0       | 29.4  | 21.0   | 14.0       |
| YD083-2B      | 2     | 25                     | 50  | 17   | 34  | 23.8  | 17.0   | 17.0       | 35.7  | 25.5   | 17.0       |
| YD083-2-1/4   | 2-1/4 | 25                     | 50  | 20   | 40  | 28.0  | 20.0   | 20.0       | 42.0  | 30.0   | 20.0       |
| YD083-2-1/2   | 2-1/2 | 28                     | 56  | 20   | 40  | 28.0  | 20.0   | 20.0       | 42.0  | 30.0   | 20.0       |
| YD083-3S      | 3     | 31.5                   | 63  | 25   | 50  | 35.0  | 25.0   | 25.0       | 52.5  | 37.5   | 25.0       |
| YD083-3-1/2S  | 3-1/2 | 40                     | 80  | 35   | 70  | 49.0  | 35.0   | 35.0       | 73.5  | 52.5   | 35.0       |
| YD083-4S      | 4     | 40                     | 80  | 35   | 70  | 49.0  | 35.0   | 35.0       | 73.5  | 52.5   | 35.0       |





NUT TYPE HOIST RING | Metric Thread

| ITEM NO.    | WLL/T | M       | Technical Parameter mm |     |       |       |    |       |     |       | Kg   |
|-------------|-------|---------|------------------------|-----|-------|-------|----|-------|-----|-------|------|
|             |       |         | E                      | A±2 | B±3   | C     | D  | F±3   | G   | K     |      |
| YD0832-M8   | 0.4   | 8×1.25  | 15                     | 30  | 43.5  | 82.0  | 12 | 125.5 | 40  | 37.0  | 0.7  |
| YD0832-M10  | 0.6   | 10×1.5  | 15                     | 30  | 43.5  | 82.0  | 12 | 125.5 | 40  | 37.0  | 0.7  |
| YD0832-M12  | 0.7   | 12×1.75 | 15                     | 30  | 43.5  | 82.0  | 12 | 125.5 | 40  | 37.0  | 0.7  |
| YD0832-M14  | 1.25  | 14×2.0  | 20                     | 30  | 43.5  | 82.0  | 12 | 125.5 | 40  | 37.0  | 0.7  |
| YD0832-M16  | 1.5   | 16×2.0  | 20                     | 30  | 43.5  | 82.0  | 12 | 125.5 | 40  | 37.0  | 0.7  |
| YD0832-M18  | 2.0   | 18×2.5  | 25                     | 40  | 67.0  | 128.0 | 20 | 195.0 | 70  | 64.5  | 3.2  |
| YD0832-M20  | 2.5   | 20×2.5  | 25                     | 40  | 67.0  | 128.0 | 20 | 195.0 | 70  | 64.5  | 3.2  |
| YD0832-M22  | 2.5   | 22×2.5  | 25                     | 40  | 67.0  | 128.0 | 20 | 195.0 | 70  | 64.5  | 3.2  |
| YD0832-M24  | 4.0   | 24×3.0  | 30                     | 40  | 67.0  | 128.0 | 20 | 195.0 | 70  | 64.5  | 3.2  |
| YD0832-M30  | 6.0   | 30×3.5  | 40                     | 51  | 95.0  | 164.0 | 22 | 259.0 | 79  | 74.0  | 5.3  |
| YD0832-M33  | 7.5   | 33×3.5  | 40                     | 51  | 95.0  | 164.0 | 22 | 259.0 | 79  | 74.0  | 5.3  |
| YD0832-M36  | 10.0  | 36×4.0  | 45                     | 51  | 95.0  | 164.0 | 22 | 259.0 | 79  | 74.0  | 5.2  |
| YD0832-M39  | 10.0  | 39×4.0  | 45                     | 51  | 95.0  | 164.0 | 22 | 259.0 | 79  | 74.0  | 5.1  |
| YD0832-M42  | 13.0  | 42×4.5  | 63                     | 65  | 108.0 | 190.5 | 26 | 298.5 | 93  | 85.0  | 8.3  |
| YD0832-M45  | 13.0  | 45×4.5  | 68                     | 65  | 108.0 | 190.5 | 26 | 298.5 | 93  | 85.0  | 8.1  |
| YD0832-M48  | 14.0  | 48×5.0  | 68                     | 65  | 108.0 | 190.5 | 26 | 298.5 | 93  | 85.0  | 8.0  |
| YD0832-M52  | 20.0  | 52×5.0  | 84                     | 70  | 120.0 | 254.0 | 32 | 374.0 | 105 | 95.0  | 13.8 |
| YD0832-M56  | 20.0  | 56×5.5  | 84                     | 70  | 120.0 | 254.0 | 32 | 374.0 | 105 | 95.0  | 13.5 |
| YD0832-M60  | 20.0  | 60×5.5  | 90                     | 70  | 120.0 | 254.0 | 32 | 374.0 | 105 | 95.0  | 13.2 |
| YD0832-M64  | 20.0  | 64×6.0  | 95                     | 70  | 120.0 | 254.0 | 32 | 374.0 | 105 | 95.0  | 12.9 |
| YD0832-M72  | 31.5  | 72×6.0  | 108                    | 90  | 138.0 | 347.0 | 48 | 485.0 | 169 | 155.0 | 48.0 |
| YD0832-M80  | 35.0  | 80×6.0  | 120                    | 90  | 138.0 | 352.0 | 48 | 490.0 | 169 | 155.0 | 48.0 |
| YD0832-M90  | 40.0  | 90×6.0  | 135                    | 90  | 138.0 | 388.0 | 48 | 526.0 | 169 | 155.0 | 52.0 |
| YD0832-M100 | 40.0  | 100×6.0 | 135                    | 90  | 138.0 | 388.0 | 48 | 526.0 | 169 | 155.0 | 50.0 |

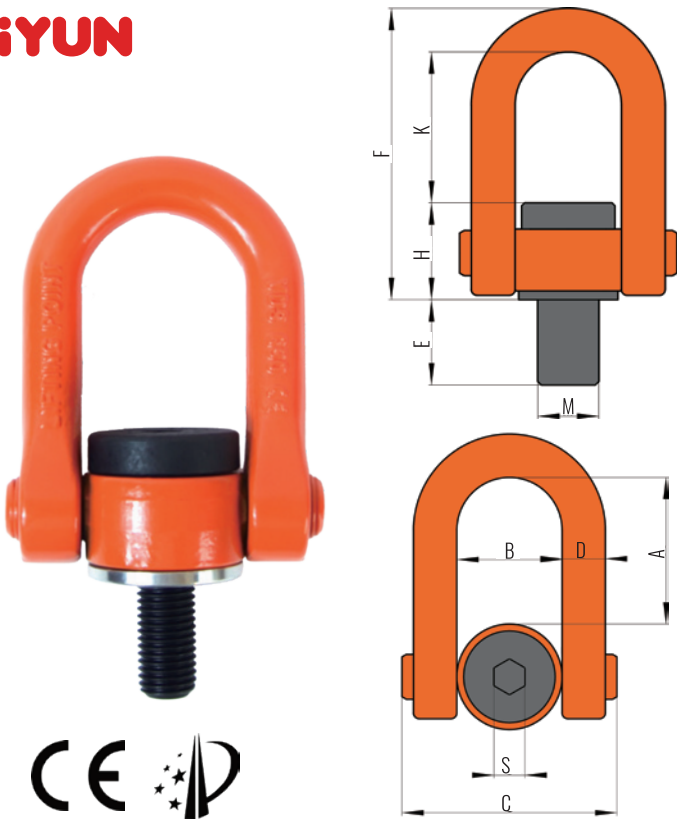
★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



Safety Quality .

YIYUN Rotating Ring has been exported to over 60 countries, winning widespread trust with its quality



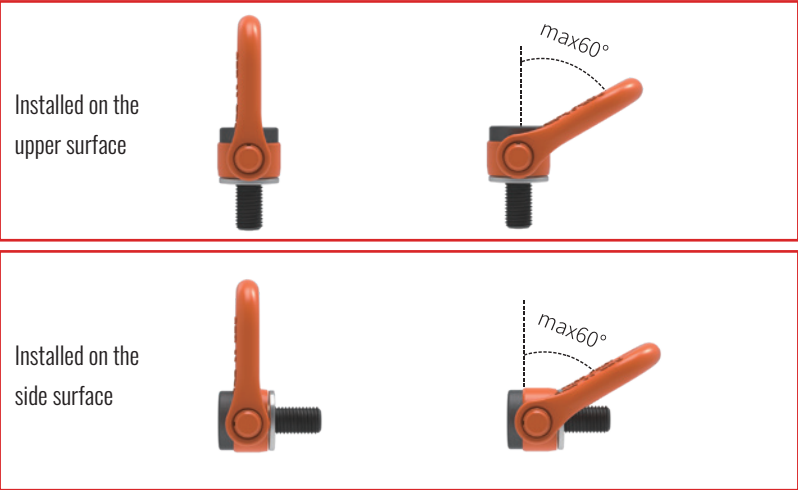


- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- High strength, the bolts are made of precision forged alloy steel, and the tensile strength after quenching and tempering is greater than 1080 MPa. Integrated design of rotating base, forged as a whole, with higher strength.
- Complete thread specifications and wide rated load range (M8-M100, 0.5T-50.0T): Thread sizes can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- The hexagonal design at the top of the bolt allows for easy installation of the lifting point on the lifted object.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

SUPER SWIVEL HOIST RING | Metric Thread

| ITEM NO.  | WLL/T | M       | Technical Parameter mm |       |     |     |    |       |       |     |    | Nm       | Kg   |
|-----------|-------|---------|------------------------|-------|-----|-----|----|-------|-------|-----|----|----------|------|
|           |       |         | E                      | A±3   | B±3 | C   | D  | F     | K±3   | H   | S  |          |      |
| YDS-M8    | 0.5   | 8×1.25  | 12                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 10-40    | 0.65 |
| YDS-M10   | 0.7   | 10×1.5  | 16                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 10-40    | 0.65 |
| YDS-M12   | 1.0   | 12×1.75 | 18                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 15-40    | 0.65 |
| YDS-M14   | 1.5   | 14×2.0  | 21                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 30-100   | 0.66 |
| YDS-M16   | 2.0   | 16×2.0  | 24                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 45-130   | 0.67 |
| YDS-M18   | 2.5   | 18×2.5  | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 100-170  | 1.8  |
| YDS-M20   | 3.0   | 20×2.5  | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 100-170  | 1.8  |
| YDS-M22   | 3.0   | 22×2.5  | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 100-170  | 1.9  |
| YDS-M24   | 4.5   | 24×3.0  | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 190-280  | 1.9  |
| YDS-M27   | 5.0   | 27×3.0  | 40                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 250-500  | 5.3  |
| YDS-M30   | 7.3   | 30×3.5  | 45                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 270-600  | 5.3  |
| YDS-M33   | 8.0   | 33×3.5  | 50                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 270-600  | 5.3  |
| YDS-M36   | 10.0  | 36×4.0  | 54                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 270-600  | 5.4  |
| YDS-M39   | 10.0  | 39×4.0  | 58                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 350-800  | 5.6  |
| YDS-M42   | 12.5  | 42×4.5  | 63                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 350-800  | 5.8  |
| YDS-M45   | 15.0  | 45×4.5  | 63                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 350-800  | 5.9  |
| YDS-M48S  | 16.0  | 48×5.0  | 63                     | 98.5  | 73  | 146 | 30 | 201.5 | 101.5 | 70  | 17 | 350-800  | 6.1  |
| YDS-M48B  | 20.0  | 48×5.0  | 68                     | 120.0 | 93  | 182 | 36 | 249.0 | 125.0 | 84  | 19 | 350-800  | 11.0 |
| YDS-M52   | 20.0  | 52×5.0  | 68                     | 120.0 | 93  | 182 | 36 | 249.0 | 125.0 | 84  | 19 | 350-900  | 11.4 |
| YDS-M56   | 25.0  | 56×5.5  | 78                     | 120.0 | 93  | 182 | 36 | 249.0 | 125.0 | 84  | 19 | 350-900  | 11.5 |
| YDS-M60   | 25.0  | 60×5.5  | 90                     | 120.0 | 93  | 182 | 36 | 253.0 | 125.0 | 88  | 19 | 350-600  | 12.0 |
| YDS-M64S  | 32.0  | 64×6.0  | 90                     | 120.0 | 93  | 182 | 36 | 253.0 | 125.0 | 88  | 19 | 500-1000 | 12.5 |
| YDS-M64B  | 33.0  | 64×6.0  | 100                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1000 | 42.0 |
| YDS-M72X4 | 35.0  | 72×4.0  | 110                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1200 | 43.0 |
| YDS-M72X6 | 35.0  | 72×6.0  | 110                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1200 | 43.0 |
| YDS-M80   | 40.0  | 80×6.0  | 120                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1200 | 44.5 |
| YDS-M90   | 45.0  | 90×6.0  | 135                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1500 | 46.5 |
| YDS-M100  | 50.0  | 100×6.0 | 150                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1700 | 49.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.  
B is the general structure, S is the small body structure.

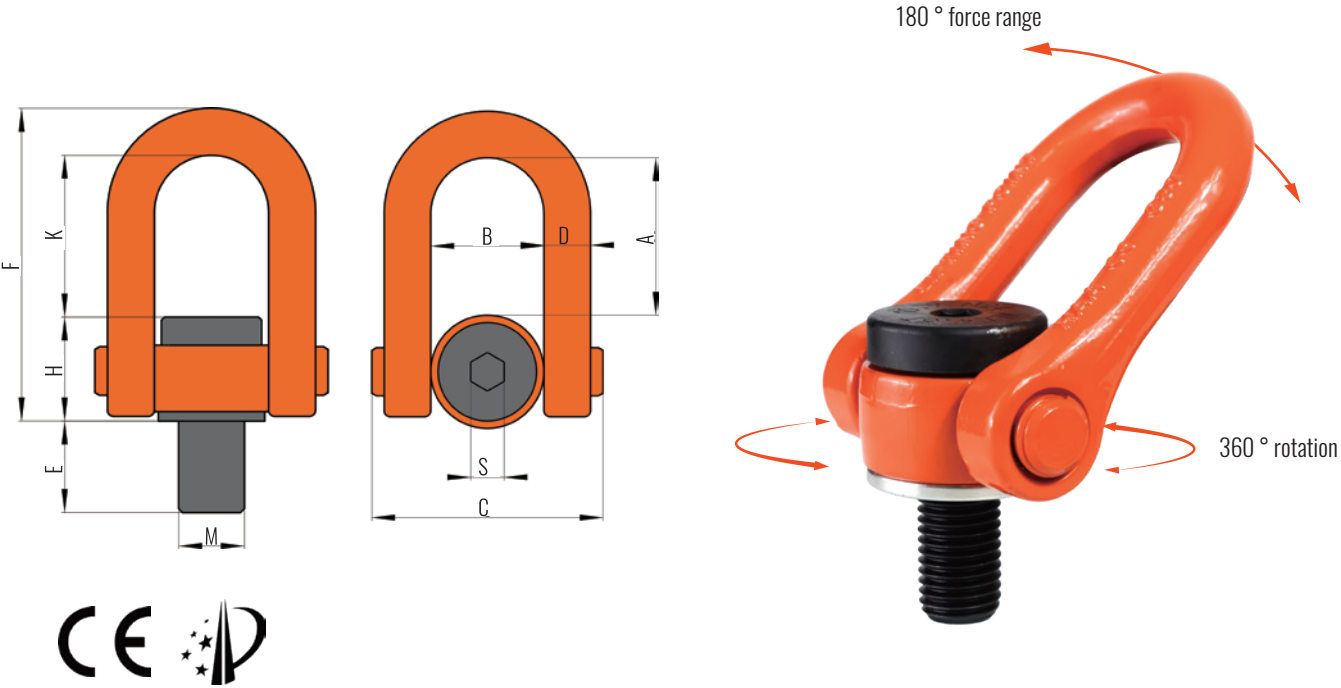


Lifting method

| Number    | Lifting angle |                        |         |          |          |            |             |                 |              |               |                   |
|-----------|---------------|------------------------|---------|----------|----------|------------|-------------|-----------------|--------------|---------------|-------------------|
|           |               | 1<br>0°                | 2<br>0° | 1<br>90° | 2<br>90° | 2<br>0-45° | 2<br>45-60° | 2<br>asymmetric | 3-4<br>0-45° | 3-4<br>45-60° | 3-4<br>asymmetric |
| ITEM NO   | M             | Working limit load / T |         |          |          |            |             |                 |              |               |                   |
| YDS-M8    | 8×1.25        | 0.8                    | 1.6     | 0.5      | 1.0      | 0.7        | 0.5         | 0.5             | 1.10         | 0.80          | 0.5               |
| YDS-M10   | 10×1.5        | 1.2                    | 2.4     | 0.7      | 1.4      | 1.0        | 0.7         | 0.7             | 1.50         | 1.10          | 0.7               |
| YDS-M12   | 12×1.75       | 1.5                    | 3.0     | 1.0      | 2.0      | 1.4        | 1.0         | 1.0             | 2.10         | 1.50          | 1.0               |
| YDS-M14   | 14×2.0        | 2.4                    | 4.8     | 1.5      | 3.0      | 2.1        | 1.5         | 1.5             | 3.15         | 2.30          | 1.5               |
| YDS-M16   | 16×2.0        | 3.2                    | 6.8     | 2.0      | 4.0      | 2.8        | 2.0         | 2.0             | 4.20         | 3.00          | 2.0               |
| YDS-M18   | 18×2.5        | 4.0                    | 8.0     | 2.5      | 5.0      | 3.5        | 2.5         | 2.5             | 5.25         | 3.75          | 2.5               |
| YDS-M20   | 20×2.5        | 5.0                    | 10.0    | 3.0      | 6.0      | 4.2        | 3.0         | 3.0             | 6.30         | 4.50          | 3.0               |
| YDS-M22   | 22×2.5        | 6.4                    | 12.8    | 3.0      | 6.0      | 4.2        | 3.0         | 3.0             | 6.30         | 4.50          | 3.0               |
| YDS-M24   | 24×3.0        | 7.5                    | 15.0    | 4.5      | 9.0      | 6.3        | 4.5         | 4.5             | 9.45         | 6.80          | 4.5               |
| YDS-M27   | 27×3.0        | 9.0                    | 18.0    | 5.0      | 10.0     | 7.0        | 5.0         | 5.0             | 10.50        | 7.50          | 5.0               |
| YDS-M30   | 30×3.5        | 11.0                   | 22.0    | 7.3      | 14.6     | 10.2       | 7.3         | 7.3             | 15.30        | 11.00         | 7.3               |
| YDS-M33   | 33×3.5        | 13.0                   | 26.0    | 8.0      | 16.0     | 11.2       | 8.0         | 8.0             | 16.80        | 12.00         | 8.0               |
| YDS-M36   | 36×4.0        | 14.5                   | 29.0    | 10.0     | 20.0     | 14.0       | 10.0        | 10.0            | 21.00        | 15.00         | 10.0              |
| YDS-M39   | 39×4.0        | 15.0                   | 30.0    | 10.0     | 20.0     | 14.0       | 10.0        | 10.0            | 21.00        | 15.00         | 10.0              |
| YDS-M42   | 42×4.5        | 15.0                   | 30.0    | 12.5     | 25.0     | 17.5       | 12.5        | 12.5            | 26.30        | 18.80         | 12.5              |
| YDS-M45   | 45×4.5        | 15.0                   | 30.0    | 15.0     | 30.0     | 21.0       | 15.0        | 15.0            | 31.50        | 22.50         | 15.0              |
| YDS-M48S  | 48×5.0        | 16.0                   | 32.0    | 16.0     | 32.0     | 22.4       | 16.0        | 16.0            | 33.50        | 24.00         | 16.0              |
| YDS-M48B  | 48×5.0        | 23.0                   | 46.0    | 20.0     | 40.0     | 28.0       | 20.0        | 20.0            | 42.00        | 30.00         | 20.0              |
| YDS-M52   | 52×5.0        | 23.0                   | 46.0    | 20.0     | 40.0     | 28.0       | 20.0        | 20.0            | 42.00        | 30.00         | 20.0              |
| YDS-M56   | 56×5.5        | 25.0                   | 50.0    | 25.0     | 50.0     | 35.0       | 25.0        | 25.0            | 53.00        | 37.50         | 25.0              |
| YDS-M60   | 60×5.5        | 25.0                   | 50.0    | 25.0     | 50.0     | 35.0       | 25.0        | 25.0            | 52.50        | 37.50         | 25.0              |
| YDS-M64S  | 64×6.0        | 32.0                   | 64.0    | 32.0     | 64.0     | 45.0       | 32.0        | 32.0            | 67.00        | 48.00         | 32.0              |
| YDS-M64B  | 64×6.0        | 33.0                   | 66.0    | 33.0     | 66.0     | 46.2       | 33.0        | 33.0            | 69.30        | 49.50         | 33.0              |
| YDS-M72X4 | 72×4.0        | 35.0                   | 70.0    | 35.0     | 70.0     | 49.0       | 35.0        | 35.0            | 73.50        | 52.50         | 35.0              |
| YDS-M72X6 | 72×6.0        | 35.0                   | 70.0    | 35.0     | 70.0     | 49.0       | 35.0        | 35.0            | 73.50        | 52.50         | 35.0              |
| YDS-M80   | 80×6.0        | 40.0                   | 80.0    | 40.0     | 80.0     | 56.0       | 40.0        | 40.0            | 84.00        | 60.00         | 40.0              |
| YDS-M90   | 90×6.0        | 45.0                   | 90.0    | 45.0     | 90.0     | 63.0       | 45.0        | 45.0            | 94.50        | 67.50         | 45.0              |
| YDS-M100  | 100×6.0       | 50.0                   | 100.0   | 50.0     | 100.0    | 70.0       | 50.0        | 50.0            | 105.00       | 75.00         | 50.0              |







SUPER SWIVEL HOIST RING | UNC Thread

| ITEM NO   | WLL/T | Thread |      | Technical Parameter mm |       |     |     |    |       |       |     |    | Nm       | Kg   |
|-----------|-------|--------|------|------------------------|-------|-----|-----|----|-------|-------|-----|----|----------|------|
|           |       | M      | TPI  | E                      | A±3   | B±3 | C   | D  | F     | K±3   | H   | S  |          |      |
| YDS-3/8   | 0.7   | 3/8    | 16.0 | 16                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 10-40    | 0.65 |
| YDS-1/2   | 1.5   | 1/2    | 13.0 | 21                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 15-40    | 0.65 |
| YDS-5/8   | 2.0   | 5/8    | 11.0 | 24                     | 50.5  | 37  | 76  | 14 | 101.5 | 49.5  | 38  | 8  | 45-130   | 0.66 |
| YDS-3/4   | 3.0   | 3/4    | 10.0 | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 45-130   | 1.8  |
| YDS-7/8   | 3.0   | 7/8    | 9.0  | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 100-170  | 1.9  |
| YDS-1     | 4.5   | 1      | 8.0  | 40                     | 74.5  | 54  | 105 | 20 | 145.0 | 77.0  | 48  | 12 | 190-280  | 1.8  |
| YDS-1-1/4 | 8.0   | 1-1/4  | 7.0  | 45                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 270-600  | 5.4  |
| YDS-1-1/2 | 10.0  | 1-1/2  | 6.0  | 54                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 270-600  | 5.5  |
| YDS-1-3/4 | 15.0  | 1-3/4  | 5.0  | 63                     | 98.5  | 73  | 146 | 30 | 201.5 | 103.5 | 68  | 17 | 350-800  | 5.9  |
| YDS-2     | 20.0  | 2      | 4.5  | 68                     | 120.0 | 93  | 182 | 36 | 249.0 | 125.0 | 84  | 19 | 350-800  | 11.2 |
| YDS-2-1/4 | 25.0  | 2-1/4  | 4.5  | 78                     | 120.0 | 93  | 182 | 36 | 249.0 | 125.0 | 84  | 19 | 350-900  | 11.7 |
| YDS-2-1/2 | 32.0  | 2-1/2  | 4.0  | 90                     | 120.0 | 93  | 182 | 36 | 253.0 | 125.0 | 88  | 19 | 500-1400 | 12.5 |
| YDS-2-3/4 | 33.0  | 2-3/4  | 4.0  | 110                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1400 | 42.5 |
| YDS-3     | 35.0  | 3      | 4.0  | 120                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1400 | 43.5 |
| YDS-3-1/4 | 40.0  | 3-1/4  | 4.0  | 120                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1400 | 44.0 |
| YDS-3-1/2 | 42.0  | 3-1/2  | 4.0  | 135                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1700 | 44.5 |
| YDS-3-3/4 | 45.0  | 3-3/4  | 4.0  | 150                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1700 | 46.5 |
| YDS-4     | 50.0  | 4      | 4.0  | 150                    | 185.0 | 144 | 280 | 58 | 395.0 | 195.0 | 136 | 36 | 500-1700 | 49.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



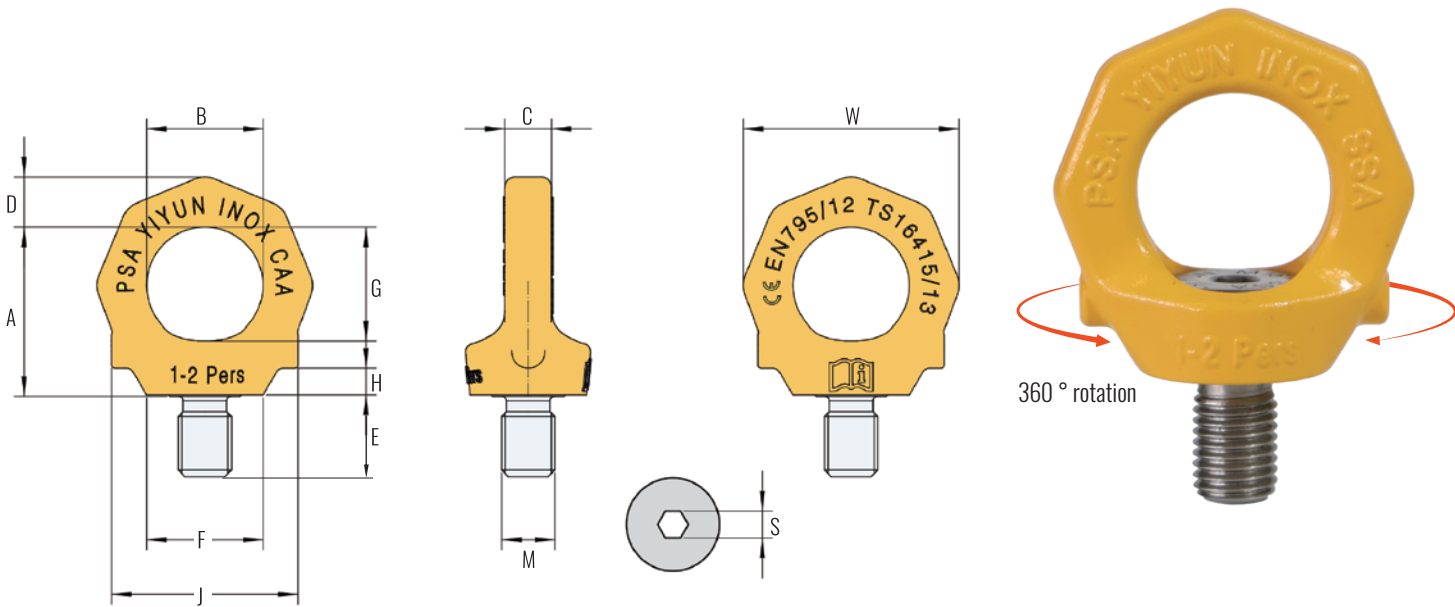
◀ Extend the bolt length according to customer requirements

Lifting method



| Number        |       | 1                      | 2     | 1    | 2     | 2     |        | 2          | 3-4    |        | 3-4        |
|---------------|-------|------------------------|-------|------|-------|-------|--------|------------|--------|--------|------------|
| Lifting angle |       | 0°                     | 0°    | 90°  | 90°   | 0-45° | 45-60° | asymmetric | 0-45°  | 45-60° | asymmetric |
| ITEM NO       | M     | Working limit load / T |       |      |       |       |        |            |        |        |            |
| YDS-3/8       | 3/8   | 0.7                    | 1.4   | 0.7  | 1.4   | 1.0   | 0.7    | 0.7        | 1.50   | 1.1    | 0.7        |
| YDS-1/2       | 1/2   | 1.5                    | 3.0   | 1.5  | 3.0   | 2.1   | 1.5    | 1.5        | 3.15   | 2.3    | 1.5        |
| YDS-5/8       | 5/8   | 2.0                    | 4.0   | 2.0  | 4.0   | 2.8   | 2.0    | 2.0        | 4.20   | 3.0    | 2.0        |
| YDS-3/4       | 3/4   | 3.0                    | 6.0   | 3.0  | 6.0   | 4.2   | 3.0    | 3.0        | 6.30   | 4.5    | 3.0        |
| YDS-7/8       | 7/8   | 3.0                    | 6.0   | 3.0  | 6.0   | 4.2   | 3.0    | 3.0        | 6.30   | 4.5    | 3.0        |
| YDS-1         | 1     | 4.5                    | 9.0   | 4.5  | 9.0   | 6.3   | 4.5    | 4.5        | 9.45   | 6.8    | 4.5        |
| YDS-1-1/4     | 1-1/4 | 8.0                    | 16.0  | 8.0  | 16.0  | 11.2  | 8.0    | 8.0        | 16.80  | 12.0   | 8.0        |
| YDS-1-1/2     | 1-1/2 | 10.0                   | 20.0  | 10.0 | 20.0  | 14.0  | 10.0   | 10.0       | 21.00  | 15.0   | 10.0       |
| YDS-1-3/4     | 1-3/4 | 15.0                   | 30.0  | 15.0 | 30.0  | 21.0  | 15.0   | 15.0       | 31.50  | 22.5   | 15.0       |
| YDS-2         | 2     | 20.0                   | 40.0  | 20.0 | 40.0  | 28.0  | 20.0   | 20.0       | 42.00  | 30.0   | 20.0       |
| YDS-2-1/4     | 2-1/4 | 25.0                   | 50.0  | 25.0 | 50.0  | 35.0  | 25.0   | 25.0       | 53.00  | 37.5   | 25.0       |
| YDS-2-1/2     | 2-1/2 | 32.0                   | 64.0  | 32.0 | 64.0  | 45.0  | 32.0   | 32.0       | 67.00  | 48.0   | 32.0       |
| YDS-2-3/4     | 2-3/4 | 33.0                   | 66.0  | 33.0 | 66.0  | 46.2  | 33.0   | 33.0       | 69.30  | 49.5   | 33.0       |
| YDS-3         | 3     | 35.0                   | 70.0  | 35.0 | 70.0  | 49.0  | 35.0   | 35.0       | 73.50  | 52.5   | 35.0       |
| YDS-3-1/4     | 3-1/4 | 40.0                   | 80.0  | 40.0 | 80.0  | 56.0  | 40.0   | 40.0       | 84.00  | 60.0   | 40.0       |
| YDS-3-1/2     | 3-1/2 | 42.0                   | 84.0  | 42.0 | 84.0  | 58.8  | 42.0   | 42.0       | 88.20  | 63.0   | 42.0       |
| YDS-3-3/4     | 3-3/4 | 45.0                   | 90.0  | 45.0 | 90.0  | 63.0  | 45.0   | 45.0       | 94.50  | 67.5   | 45.0       |
| YDS-4         | 4     | 50.0                   | 100.0 | 50.0 | 100.0 | 70.0  | 50.0   | 50.0       | 105.00 | 75.0   | 50.0       |





- When rotating 360 ° and the direction of force changes, the ring can automatically adjust according to the direction of force.
- The thread specifications are complete (M12-M20), and various lengths of bolts can be customized according to customer needs. It is also suitable for deep holes and through holes.
- The hexagonal design at the top of the bolt allows for easy installation of the lifting point onto the lifted object using a wrench.
- Dual phase stainless steel material, with good corrosion resistance and mechanical properties; Has long-term stability in marine environments and high chloride ion environments.
- Duplex Stainless Steel Eye Bolt is connected to a high-altitude safety belt, which is used for high-altitude operations and suitable for permanent outdoor work environments.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

NEW

PSA FALL PROTECTION ANCHORAGE POINT | Metric Thread

CE

| ITEM NO.           | M       | Pers    | Technical Parameter mm |    |    |    |     |    |    |     |    |    |    | Nm | Kg   |
|--------------------|---------|---------|------------------------|----|----|----|-----|----|----|-----|----|----|----|----|------|
|                    |         |         | A                      | B  | C  | D  | E   | F  | G  | H   | J  | S  | W  |    |      |
| PSA INOX-M12       | 12×1.75 | 1Pers   | 42.0                   | 30 | 10 | 13 | 18  | 33 | 29 | 7.0 | 48 | 8  | 55 | 10 | 0.2  |
| PSA INOX-M16       | 16×2.0  | 1-2Pers | 51.0                   | 35 | 14 | 15 | 24  | 35 | 34 | 8.0 | 56 | 8  | 65 | 30 | 0.35 |
| PSA INOX-M20       | 20×2.5  | 1-2Pers | 57.5                   | 40 | 17 | 19 | 30  | 43 | 37 | 9.5 | 68 | 12 | 78 | 70 | 0.6  |
| PSA INOX-M12 L-50  | 12×1.75 | 1Pers   | 42.0                   | 30 | 10 | 13 | 50  | 33 | 29 | 7.0 | 48 | 8  | 55 | 10 | 0.22 |
| PSA INOX-M16 L-50  | 16×2.0  | 1-2Pers | 51.0                   | 35 | 14 | 15 | 50  | 35 | 34 | 8.0 | 56 | 8  | 65 | 30 | 0.48 |
| PSA INOX-M16 L-120 | 16×2.0  | 1-2Pers | 51.0                   | 35 | 14 | 15 | 120 | 35 | 34 | 8.0 | 56 | 8  | 65 | 30 | 0.56 |
| PSA INOX-M20 L-60  | 20×2.5  | 1-2Pers | 57.5                   | 40 | 17 | 19 | 60  | 43 | 37 | 9.5 | 68 | 12 | 78 | 70 | 0.63 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

PSA FALL PROTECTION ANCHORAGE POINT | UNC Thread

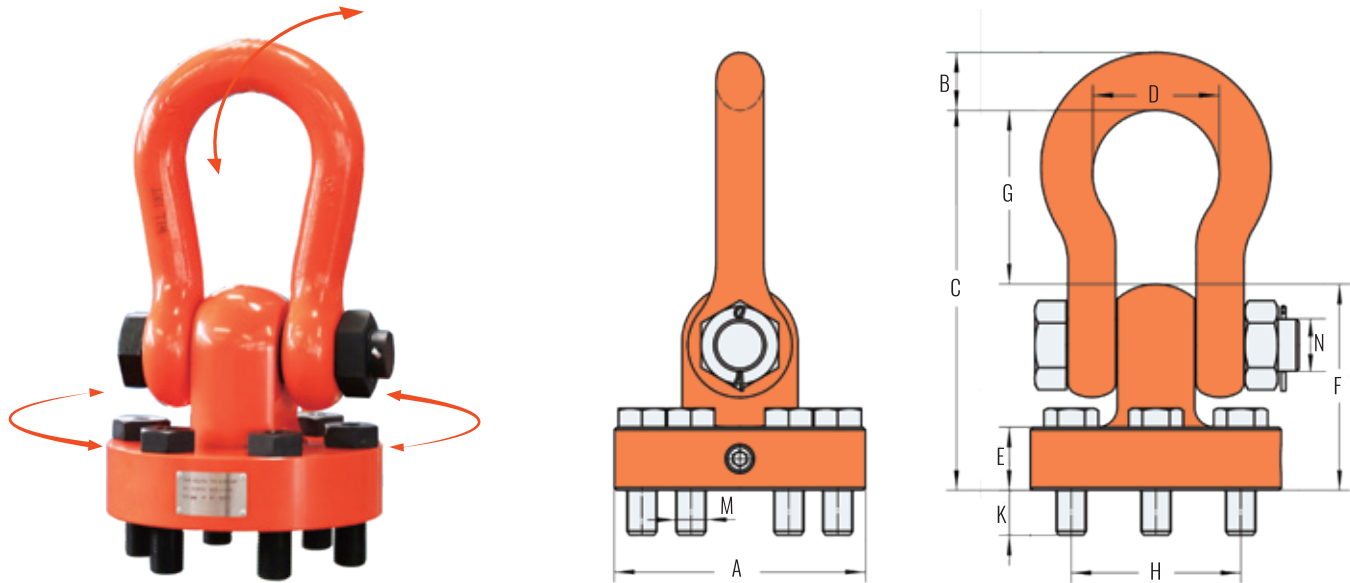
| ITEM NO.     | M            | Pers    | Technical Parameter mm |    |    |    |    |    |    |    |    |    |    | Nm | Kg  |
|--------------|--------------|---------|------------------------|----|----|----|----|----|----|----|----|----|----|----|-----|
|              |              |         | A                      | B  | C  | D  | E  | F  | G  | H  | J  | S  | W  |    |     |
| PSA INOX-1/2 | 1/2-13UNC-2A | 1Pers   | 42.0                   | 30 | 10 | 13 | 18 | 33 | 29 | 7  | 48 | 8  | 55 | 10 | 0.2 |
| PSA INOX-5/8 | 5/8-11UNC-2A | 1-2Pers | 51.0                   | 35 | 14 | 15 | 24 | 35 | 34 | 8  | 56 | 8  | 65 | 30 | 0.4 |
| PSA INOX-3/4 | 3/4-10UNC-2A | 1-2Pers | 57.5                   | 40 | 17 | 19 | 30 | 43 | 37 | 10 | 68 | 12 | 78 | 70 | 0.6 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



When climbing wind turbines, TV towers, and other high-altitude operations, PSA anti fall fixed lifting points will provide effective protection.





- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- The bolts are made of precision forged alloy steel and have a tensile strength greater than 1080 MPa after quenching and tempering. The surface of the lifting ring is electrostatically sprayed to improve its anti-corrosion ability.
- Specially designed for lifting heavy objects, with a multi bolt integrated design, high working load, and high strength.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.



NEW

HEAVY DUTY FLANGE LIFTING POINT

| ITEM NO    | WLL/T | M          | Technical Parameter mm |     |        |     |     |       |       |     |    |     | Nm      | Kg   |
|------------|-------|------------|------------------------|-----|--------|-----|-----|-------|-------|-----|----|-----|---------|------|
|            |       |            | A                      | B   | C      | D   | E   | F     | G     | H   | K  | N   |         |      |
| YD098-85T  | 85    | 6-M48×5.0  | 400                    | 75  | 600.0  | 190 | 100 | 326.0 | 274.0 | 310 | 71 | 82  | 350-800 | 200  |
| YD098-100T | 100   | 6-M48×5.0  | 400                    | 75  | 600.0  | 190 | 100 | 326.0 | 274.0 | 310 | 71 | 82  | 350-800 | 200  |
| YD098-120T | 120   | 6-M48×5.0  | 570                    | 89  | 688.5  | 234 | 120 | 391.5 | 297.0 | 445 | 75 | 95  | 350-800 | 414  |
| YD098-150T | 150   | 10-M42×4.5 | 570                    | 102 | 729.0  | 275 | 120 | 417.0 | 312.0 | 420 | 63 | 108 | 350-800 | 487  |
| YD098-200T | 200   | 10-M48×5.0 | 650                    | 120 | 891.0  | 290 | 130 | 474.0 | 417.0 | 500 | 71 | 130 | 350-800 | 729  |
| YD098-250T | 250   | 12-M48×5.0 | 730                    | 140 | 1053.0 | 305 | 150 | 567.5 | 485.5 | 580 | 72 | 150 | 350-800 | 1031 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

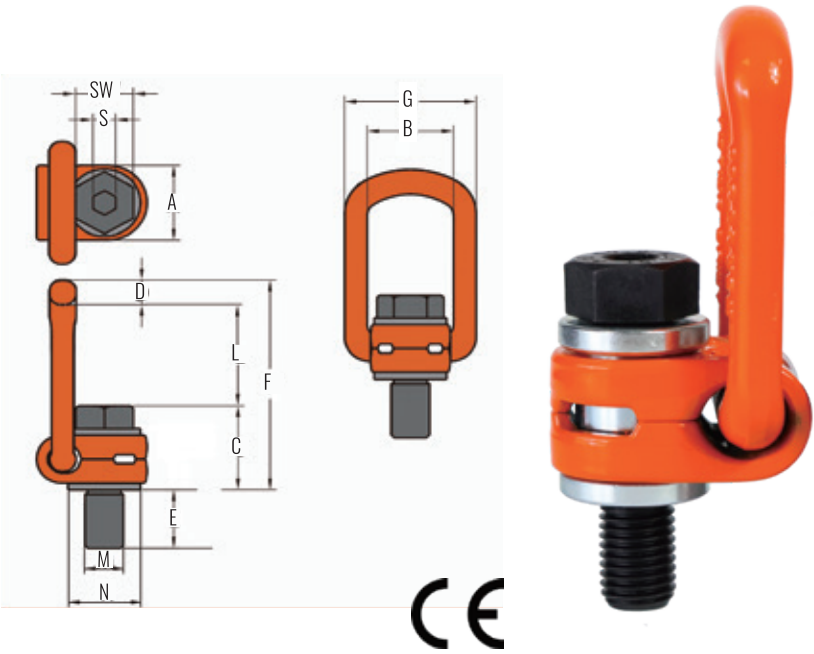


The load of a lifting ring can reach 85 to 250 tons.



| Lifting method |  |  |  |  |  |  |  |  |     |
|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Number         | 1                                                                                     | 2                                                                                     | 2                                                                                     |                                                                                       | 2                                                                                     | 3-4                                                                                   |                                                                                       | 3-4                                                                                   |     |
| Lifting angle  | 0°                                                                                    | 0°                                                                                    | 0-45°                                                                                 | 45-60°                                                                                | asymmetric                                                                            | 0-45°                                                                                 | 45-60°                                                                                | asymmetric                                                                            |     |
| ITEM NO        | M                                                                                     | Working limit load / T                                                                |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |     |
| YD098-85T      | 6-M48×5.0                                                                             | 85                                                                                    | 170                                                                                   | 120                                                                                   | 85                                                                                    | 85                                                                                    | 180                                                                                   | 128                                                                                   | 85  |
| YD098-100T     | 6-M48×5.0                                                                             | 100                                                                                   | 200                                                                                   | 141                                                                                   | 100                                                                                   | 100                                                                                   | 212                                                                                   | 150                                                                                   | 100 |
| YD098-120T     | 6-M48×5.0                                                                             | 120                                                                                   | 240                                                                                   | 170                                                                                   | 120                                                                                   | 120                                                                                   | 255                                                                                   | 180                                                                                   | 120 |
| YD098-150T     | 10-M42×4.5                                                                            | 150                                                                                   | 300                                                                                   | 212                                                                                   | 150                                                                                   | 150                                                                                   | 318                                                                                   | 225                                                                                   | 150 |
| YD098-200T     | 10-M48×5.0                                                                            | 200                                                                                   | 400                                                                                   | 283                                                                                   | 200                                                                                   | 200                                                                                   | 424                                                                                   | 300                                                                                   | 200 |
| YD098-250T     | 12-M48×5.0                                                                            | 250                                                                                   | 500                                                                                   | 354                                                                                   | 250                                                                                   | 250                                                                                   | 530                                                                                   | 375                                                                                   | 250 |



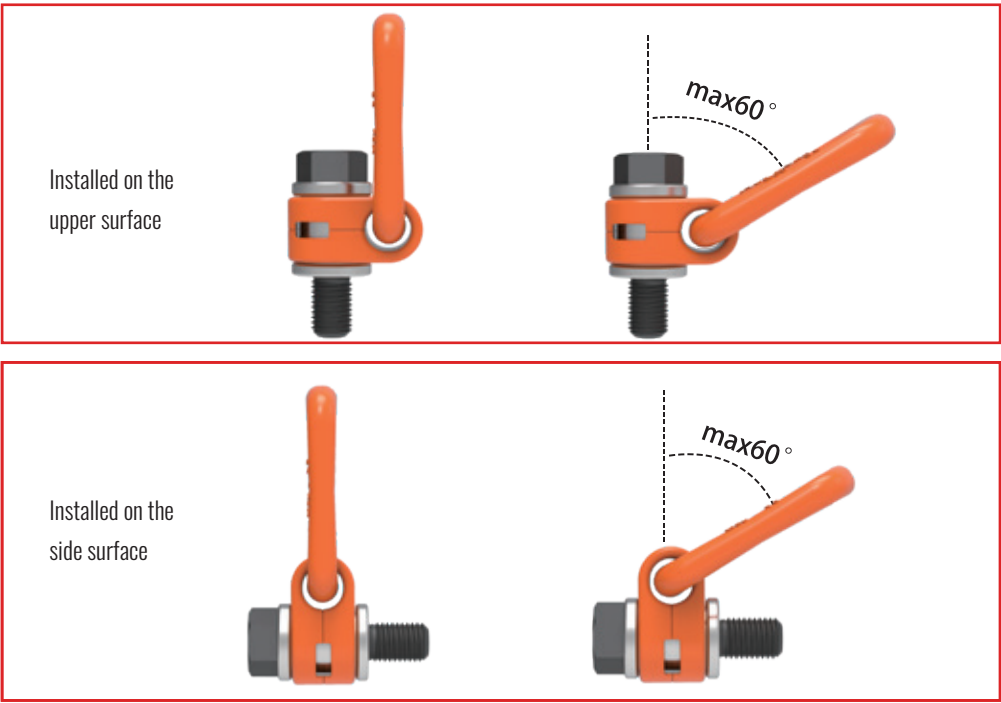


- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- The bolts are made of precision forged alloy steel and have a tensile strength greater than 1080 MPa after quenching and tempering. The surface of the lifting ring is electrostatically sprayed to improve its anti-corrosion ability.
- Complete thread specifications and wide rated load range (M8-M64, 0.3T-22.5T). Custom thread sizes (extended, shortened, coarse, fine, metric, American, etc.) can be provided according to customer requirements.
- The internal space of the ring is large and can be connected to various lifting hooks. The ring body is equipped with a positioning card spring device, which is more convenient to control and can be placed flat at any angle. The hexagonal design inside and outside is easy and fast to install.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

LIFTING POINT | Metric Thread

| ITEM NO.   | WLL/T | M       | Technical Parameter mm |     |     |     |      |       |     |       |       |    |    | Nm       | Kg   |
|------------|-------|---------|------------------------|-----|-----|-----|------|-------|-----|-------|-------|----|----|----------|------|
|            |       |         | E                      | A   | B   | C   | D    | F     | G   | L     | N     | S  | SW |          |      |
| YD081-M8   | 0.3   | 8×1.25  | 11                     | 34  | 37  | 42  | 14.0 | 98.5  | 57  | 42.5  | 31.0  | 6  | 13 | 10-40    | 0.5  |
| YD081-M10  | 0.63  | 10×1.5  | 16                     | 34  | 37  | 44  | 14.0 | 98.5  | 57  | 40.5  | 31.0  | 6  | 16 | 10-40    | 0.5  |
| YD081-M12  | 1.0   | 12×1.75 | 18                     | 34  | 37  | 45  | 14.0 | 98.5  | 57  | 39.5  | 31.0  | 8  | 18 | 15-40    | 0.5  |
| YD081-M14  | 1.2   | 14×2.0  | 21                     | 34  | 37  | 48  | 14.0 | 98.5  | 57  | 36.5  | 31.0  | 10 | 24 | 30-100   | 0.5  |
| YD081-M16  | 1.5   | 16×2.0  | 24                     | 34  | 37  | 48  | 14.0 | 98.5  | 57  | 36.5  | 31.0  | 10 | 24 | 45-130   | 0.5  |
| YD081-M18  | 2.0   | 18×2.5  | 26                     | 50  | 54  | 58  | 16.5 | 143.0 | 82  | 68.5  | 45.0  | 12 | 30 | 100-170  | 1.3  |
| YD081-M20  | 2.5   | 20×2.5  | 30                     | 50  | 54  | 58  | 16.5 | 143.0 | 82  | 68.5  | 45.0  | 12 | 30 | 100-170  | 1.3  |
| YD081-M22  | 3.0   | 22×2.5  | 30                     | 50  | 54  | 61  | 16.5 | 143.0 | 82  | 65.5  | 45.0  | 14 | 36 | 100-170  | 1.4  |
| YD081-M24  | 4.0   | 24×3.0  | 36                     | 50  | 54  | 61  | 16.5 | 143.0 | 82  | 65.5  | 45.0  | 14 | 36 | 190-280  | 1.4  |
| YD081-M27  | 4.0   | 27×3.0  | 38                     | 60  | 65  | 82  | 22.0 | 170.0 | 99  | 66.0  | 59.0  | 17 | 46 | 250-500  | 3.0  |
| YD081-M30  | 5.0   | 30×3.5  | 48                     | 60  | 65  | 82  | 22.0 | 170.0 | 99  | 66.0  | 59.0  | 17 | 46 | 270-600  | 3.0  |
| YD081-M33  | 6.0   | 33×3.5  | 54                     | 60  | 65  | 85  | 22.0 | 170.0 | 99  | 63.0  | 59.5  | 22 | 55 | 270-600  | 3.0  |
| YD081-M36S | 7.0   | 36×4.0  | 54                     | 60  | 65  | 85  | 22.0 | 170.0 | 99  | 63.0  | 59.5  | 22 | 55 | 270-600  | 3.2  |
| YD081-M36B | 8.0   | 36×4.0  | 62                     | 77  | 85  | 104 | 27.0 | 226.5 | 123 | 95.5  | 69.0  | 22 | 55 | 270-600  | 6.0  |
| YD081-M39  | 8.0   | 39×4.0  | 62                     | 77  | 85  | 104 | 27.0 | 226.5 | 123 | 95.5  | 69.0  | 22 | 55 | 350-800  | 6.0  |
| YD081-M42S | 10.0  | 42×4.5  | 72                     | 77  | 85  | 106 | 27.0 | 226.5 | 123 | 93.5  | 69.0  | 22 | 65 | 350-800  | 6.3  |
| YD081-M42B | 15.0  | 42×4.5  | 63                     | 95  | 104 | 117 | 36.0 | 257.5 | 158 | 104.5 | 98.0  | 22 | 65 | 350-800  | 11.0 |
| YD081-M45  | 15.0  | 45×4.5  | 63                     | 95  | 104 | 117 | 36.0 | 257.5 | 158 | 104.5 | 98.0  | 22 | 65 | 350-800  | 11.0 |
| YD081-M48  | 20.0  | 48×5.0  | 72                     | 95  | 104 | 120 | 36.0 | 257.5 | 158 | 101.5 | 98.0  | 27 | 75 | 350-800  | 12.0 |
| YD081-M52  | 20.0  | 52×5.0  | 72                     | 95  | 104 | 117 | 36.0 | 257.5 | 158 | 104.5 | 98.0  | 27 | 75 | 350-900  | 12.0 |
| YD081-M56  | 22.0  | 56×5.5  | 84                     | 95  | 104 | 117 | 36.0 | 257.5 | 158 | 104.5 | 98.0  | 27 | 85 | 350-900  | 12.4 |
| YD081-M64  | 22.5  | 64×6.0  | 100                    | 114 | 104 | 138 | 36.0 | 266.0 | 158 | 92.0  | 109.0 | 32 | 95 | 500-1000 | 18.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.



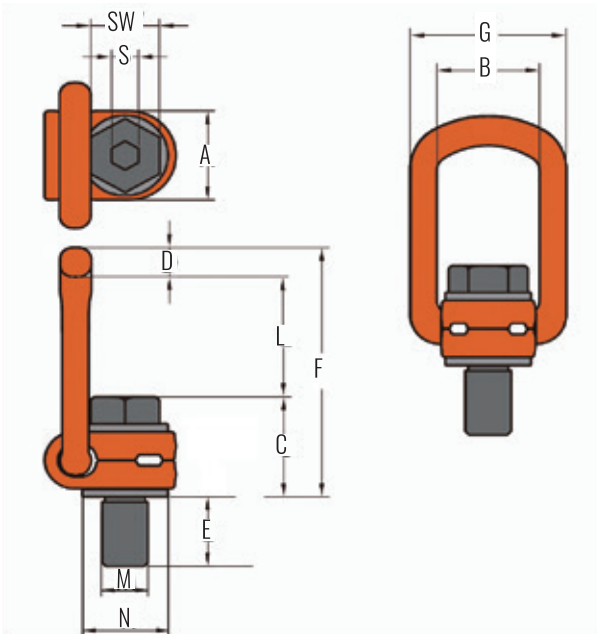
Lifting method



| Number        |         | 1                      | 2    | 1    | 2    | 2     |        | 2          | 3-4   |        | 3-4        |
|---------------|---------|------------------------|------|------|------|-------|--------|------------|-------|--------|------------|
| Lifting angle |         | 0°                     | 0°   | 90°  | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO       | M       | Working limit load / T |      |      |      |       |        |            |       |        |            |
| YD081-M8      | 8×1.25  | 0.3                    | 0.6  | 0.3  | 0.6  | 0.42  | 0.3    | 0.3        | 0.63  | 0.45   | 0.3        |
| YD081-M10     | 10×1.5  | 0.63                   | 1.26 | 0.63 | 1.26 | 0.88  | 0.63   | 0.63       | 1.32  | 0.95   | 0.63       |
| YD081-M12     | 12×1.75 | 1.0                    | 2.0  | 1.0  | 2.0  | 1.4   | 1.0    | 1.0        | 2.1   | 1.50   | 1.0        |
| YD081-M14     | 14×2.0  | 1.2                    | 2.4  | 1.2  | 2.4  | 1.7   | 1.2    | 1.2        | 2.5   | 1.80   | 1.2        |
| YD081-M16     | 16×2.0  | 1.5                    | 3.0  | 1.5  | 3.0  | 2.1   | 1.5    | 1.5        | 3.1   | 2.20   | 1.5        |
| YD081-M18     | 18×2.5  | 2.0                    | 4.0  | 2.0  | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.00   | 2.0        |
| YD081-M20     | 20×2.5  | 2.5                    | 5.0  | 2.5  | 5.0  | 3.5   | 2.5    | 2.5        | 5.2   | 3.70   | 2.5        |
| YD081-M22     | 22×2.5  | 3.0                    | 6.0  | 3.0  | 6.0  | 4.2   | 3.0    | 3.0        | 6.3   | 4.50   | 3.0        |
| YD081-M24     | 24×3.0  | 4.0                    | 8.0  | 4.0  | 8.0  | 5.6   | 4.0    | 4.0        | 8.4   | 6.00   | 4.0        |
| YD081-M27     | 27×3.0  | 4.0                    | 8.0  | 4.0  | 8.0  | 5.6   | 4.0    | 4.0        | 8.4   | 6.00   | 4.0        |
| YD081-M30     | 30×3.5  | 5.0                    | 10.0 | 5.0  | 10.0 | 7.0   | 5.0    | 5.0        | 10.5  | 7.50   | 5.0        |
| YD081-M33     | 33×3.5  | 6.0                    | 12.0 | 6.0  | 12.0 | 8.5   | 6.0    | 6.0        | 12.7  | 9.00   | 6.0        |
| YD081-M36S    | 36×4.0  | 7.0                    | 14.0 | 7.0  | 14.0 | 9.8   | 7.0    | 7.0        | 14.7  | 10.50  | 7.0        |
| YD081-M36B    | 36×4.0  | 8.0                    | 16.0 | 8.0  | 16.0 | 11.2  | 8.0    | 8.0        | 16.8  | 12.00  | 8.0        |
| YD081-M39     | 39×4.0  | 8.0                    | 16.0 | 8.0  | 16.0 | 11.2  | 8.0    | 8.0        | 16.8  | 12.00  | 8.0        |
| YD081-M42S    | 42×4.5  | 10.0                   | 20.0 | 10.0 | 20.0 | 14.0  | 10.0   | 10.0       | 21.0  | 15.00  | 10.0       |
| YD081-M42B    | 42×4.5  | 15.0                   | 30.0 | 15.0 | 30.0 | 21.0  | 15.0   | 15.0       | 31.5  | 22.50  | 15.0       |
| YD081-M45     | 45×4.5  | 15.0                   | 30.0 | 15.0 | 30.0 | 21.0  | 15.0   | 15.0       | 31.5  | 22.50  | 15.0       |
| YD081-M48     | 48×5.0  | 20.0                   | 40.0 | 20.0 | 40.0 | 28.0  | 20.0   | 20.0       | 42.0  | 30.00  | 20.0       |
| YD081-M52     | 52×5.0  | 20.0                   | 40.0 | 20.0 | 40.0 | 28.0  | 20.0   | 20.0       | 42.0  | 30.00  | 20.0       |
| YD081-M56     | 56×5.5  | 22.0                   | 44.0 | 22.0 | 44.0 | 30.8  | 22.0   | 22.0       | 46.2  | 33.00  | 22.0       |
| YD081-M64     | 64×6.0  | 22.5                   | 45.0 | 22.5 | 45.0 | 31.5  | 22.5   | 22.5       | 47.25 | 33.75  | 22.5       |







LIFTING POINT | UNC Thread

| ITEM NO     | WLL/T | Thread |     | Technical Parameter mm |    |     |     |      |       |     |       |      |    |    | Nm      | Kg   |
|-------------|-------|--------|-----|------------------------|----|-----|-----|------|-------|-----|-------|------|----|----|---------|------|
|             |       | M      | TPI | E                      | A  | B   | C   | D    | F     | G   | L     | N    | S  | SW |         |      |
| YD081-5/16  | 0.3   | 5/16   | 18  | 11                     | 34 | 37  | 42  | 14.0 | 98.5  | 57  | 42.5  | 31.0 | 6  | 13 | 10-40   | 0.5  |
| YD081-3/8   | 0.63  | 3/8    | 16  | 16                     | 34 | 37  | 43  | 14.0 | 98.5  | 57  | 41.5  | 31.0 | 6  | 16 | 10-40   | 0.5  |
| YD081-1/2   | 1.0   | 1/2    | 13  | 21                     | 34 | 37  | 45  | 14.0 | 98.5  | 57  | 39.5  | 31.0 | 8  | 18 | 15-40   | 0.5  |
| YD081-5/8   | 1.5   | 5/8    | 11  | 24                     | 34 | 37  | 48  | 14.0 | 98.5  | 57  | 36.5  | 31.0 | 10 | 24 | 45-130  | 0.5  |
| YD081-3/4   | 2.5   | 3/4    | 10  | 26                     | 50 | 54  | 58  | 16.5 | 143.0 | 82  | 68.5  | 45.0 | 12 | 30 | 45-130  | 1.3  |
| YD081-7/8   | 2.5   | 7/8    | 9   | 30                     | 50 | 54  | 61  | 16.5 | 143.0 | 82  | 65.5  | 45.0 | 14 | 36 | 100-170 | 1.4  |
| YD081-1     | 4.0   | 1      | 8   | 36                     | 50 | 54  | 61  | 16.5 | 143.0 | 82  | 65.5  | 45.0 | 14 | 36 | 190-280 | 1.4  |
| YD081-1-1/4 | 5.0   | 1-1/4  | 7   | 48                     | 60 | 65  | 80  | 22.0 | 174.0 | 99  | 72.0  | 59.5 | 17 | 46 | 270-600 | 3.5  |
| YD081-1-1/2 | 8.0   | 1-1/2  | 6   | 62                     | 77 | 85  | 104 | 27.0 | 226.5 | 123 | 95.5  | 69.0 | 22 | 55 | 270-600 | 6.0  |
| YD081-1-3/4 | 15.0  | 1-3/4  | 5   | 63                     | 95 | 104 | 116 | 36.0 | 257.5 | 158 | 105.5 | 98.0 | 22 | 65 | 350-800 | 11.0 |
| YD081-2     | 20.0  | 2      | 4.5 | 72                     | 95 | 104 | 112 | 36.0 | 257.5 | 158 | 109.5 | 98.0 | 27 | 75 | 350-800 | 12.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



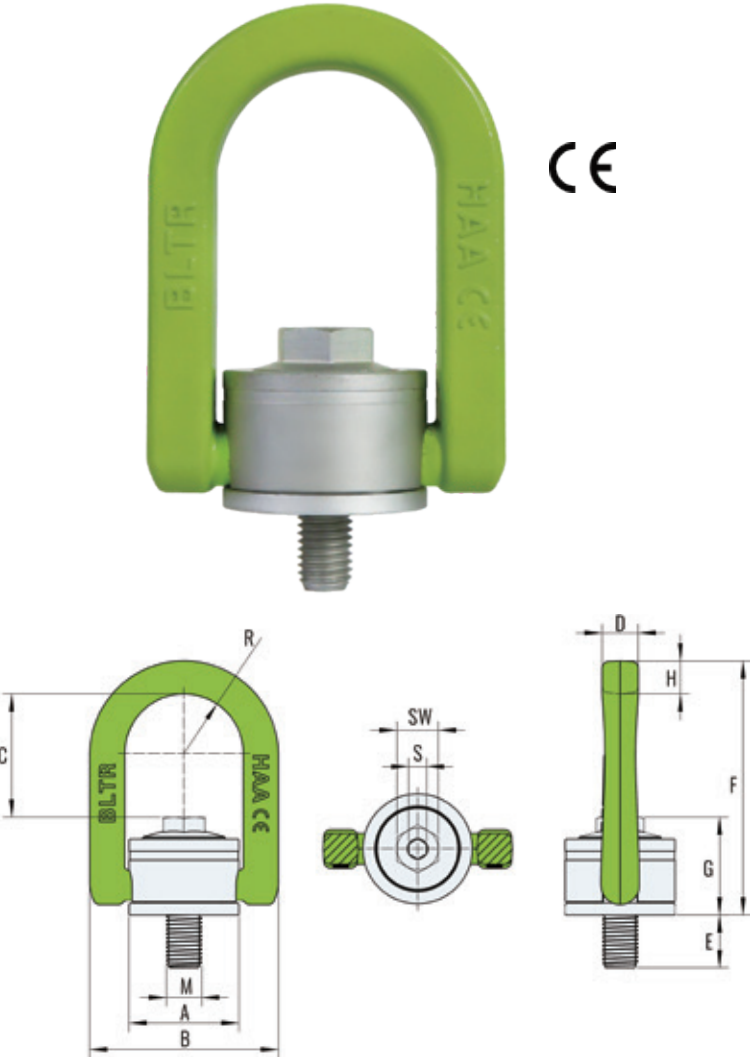
Lifting method



| Number        | 1  | 2  | 1   | 2   | 2     |        | 2          | 3-4   |        | 3-4        |
|---------------|----|----|-----|-----|-------|--------|------------|-------|--------|------------|
| Lifting angle | 0° | 0° | 90° | 90° | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |

| ITEM NO     | M     | Working limit load / T |      |      |      |      |      |      |      |      |      |
|-------------|-------|------------------------|------|------|------|------|------|------|------|------|------|
| YD081-5/16  | 5/16  | 0.3                    | 0.6  | 0.3  | 0.6  | 0.42 | 0.3  | 0.3  | 0.63 | 0.45 | 0.3  |
| YD081-3/8   | 3/8   | 0.63                   | 1.26 | 0.63 | 1.26 | 0.88 | 0.63 | 0.63 | 1.32 | 0.95 | 0.63 |
| YD081-1/2   | 1/2   | 1.0                    | 2.0  | 1.0  | 2.0  | 1.4  | 1.0  | 1.0  | 2.1  | 1.5  | 1.0  |
| YD081-5/8   | 5/8   | 1.5                    | 3.0  | 1.5  | 3.0  | 2.1  | 1.5  | 1.5  | 3.1  | 2.2  | 1.5  |
| YD081-3/4   | 3/4   | 2.5                    | 5.0  | 2.5  | 5.0  | 3.5  | 2.5  | 2.5  | 5.2  | 3.7  | 2.5  |
| YD081-7/8   | 7/8   | 2.5                    | 5.0  | 2.5  | 5.0  | 3.5  | 2.5  | 2.5  | 5.2  | 3.7  | 2.5  |
| YD081-1     | 1     | 4.0                    | 8.0  | 4.0  | 8.0  | 5.6  | 4.0  | 4.0  | 8.4  | 6.0  | 4.0  |
| YD081-1-1/4 | 1-1/4 | 5.0                    | 10.0 | 5.0  | 10.0 | 7.0  | 5.0  | 5.0  | 10.5 | 7.5  | 5.0  |
| YD081-1-1/2 | 1-1/2 | 8.0                    | 16.0 | 8.0  | 16.0 | 11.2 | 8.0  | 8.0  | 16.8 | 12.0 | 8.0  |
| YD081-1-3/4 | 1-3/4 | 15.0                   | 30.0 | 15.0 | 30.0 | 21.0 | 15.0 | 15.0 | 31.5 | 22.5 | 15.0 |
| YD081-2     | 2     | 20.0                   | 40.0 | 20.0 | 40.0 | 28.0 | 20.0 | 20.0 | 42.0 | 30.0 | 20.0 |





- 360 ° rotation&180 ° force range. When the direction of force changes, the ring can rotate with the direction of force without twisting the lifting ring.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- High strength, the bolts are made of precision forged alloy steel, and the tensile strength after quenching and tempering is greater than 1080 MPa. Integrated design of rotating base, forged as a whole, with higher strength.
- Complete thread specifications and wide rated load range (M6-M64, 0.2T-22.5T). Custom thread sizes (extended, shortened, coarse, fine, metric, American, etc.) can be provided according to customer requirements.
- The hexagonal design on the top of the bolt allows for easy installation of the lifting point on the lifted object.
- Bolt anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.



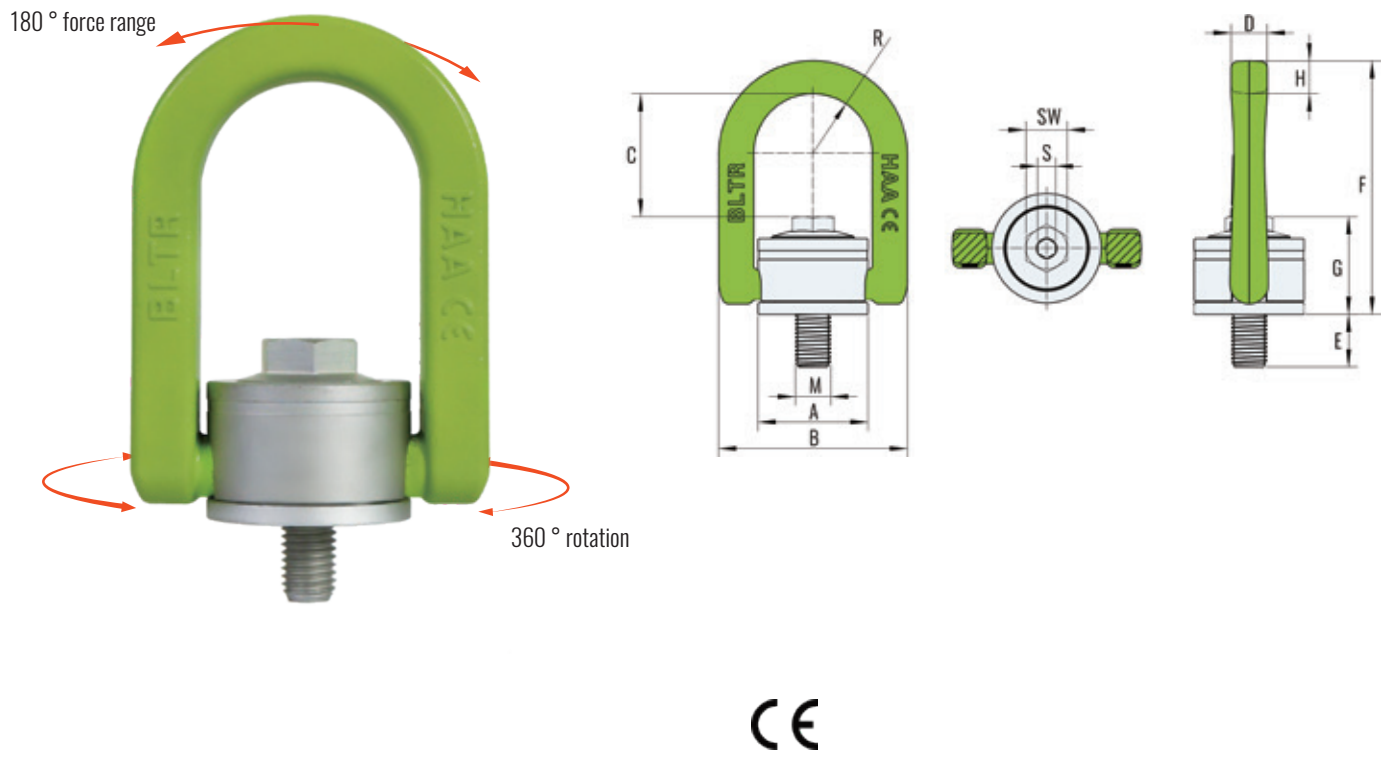
**NEW**  
**SAFE ROTATING LIFTING RING | Metric Thread**

| ITEM NO.   | WLL/T | M       | Technical Parameter    mm |    |     |    |      |       |      |      |      |    |    | Nm  | Kg  |
|------------|-------|---------|---------------------------|----|-----|----|------|-------|------|------|------|----|----|-----|-----|
|            |       |         | E                         | A  | B   | C  | D    | F     | G    | H    | R    | S  | SW |     |     |
| BLT118-M6  | 0.2   | 6×1.0   | 12                        | 33 | 55  | 40 | 11.5 | 80.0  | 30.0 | 9.5  | 17.5 | 6  | 13 | 10  | 0.3 |
| BLT118-M8  | 0.5   | 8×1.25  | 12                        | 33 | 55  | 40 | 11.5 | 80.0  | 30.0 | 9.5  | 17.5 | 6  | 13 | 10  | 0.3 |
| BLT118-M10 | 0.7   | 10×1.5  | 15                        | 33 | 55  | 40 | 11.5 | 80.0  | 30.0 | 9.5  | 17.5 | 6  | 13 | 10  | 0.3 |
| BLT118-M12 | 1.0   | 12×1.75 | 20                        | 33 | 55  | 40 | 11.5 | 80.0  | 30.0 | 9.5  | 17.5 | 6  | 13 | 15  | 0.3 |
| BLT118-M14 | 1.5   | 14×2.0  | 21                        | 50 | 86  | 56 | 16.5 | 115.5 | 44.5 | 15.0 | 27.0 | 8  | 19 | 30  | 0.7 |
| BLT118-M16 | 2.0   | 16×2.0  | 24                        | 50 | 86  | 56 | 16.5 | 115.5 | 44.5 | 15.0 | 27.0 | 8  | 19 | 50  | 1.0 |
| BLT118-M18 | 2.5   | 18×2.5  | 26                        | 65 | 113 | 82 | 25.0 | 161.0 | 58.0 | 21.0 | 34.5 | 10 | 27 | 70  | 1.8 |
| BLT118-M20 | 3.0   | 20×2.5  | 30                        | 65 | 113 | 82 | 25.0 | 161.0 | 58.0 | 21.0 | 34.5 | 10 | 27 | 100 | 2.0 |
| BLT118-M22 | 4.0   | 22×2.5  | 33                        | 65 | 113 | 82 | 25.0 | 161.0 | 58.0 | 21.0 | 34.5 | 10 | 27 | 100 | 2.3 |
| BLT118-M24 | 5.0   | 24×3.0  | 36                        | 65 | 113 | 82 | 25.0 | 161.0 | 58.0 | 21.0 | 34.5 | 10 | 27 | 160 | 2.6 |
| BLT118-M27 | 5.6   | 27×3.0  | 38                        | 87 | 145 | 98 | 30.0 | 204.0 | 76.5 | 29.0 | 45.5 | 14 | 34 | 200 | 4.2 |
| BLT118-M30 | 7.8   | 30×3.5  | 48                        | 87 | 145 | 98 | 30.0 | 204.0 | 76.5 | 29.0 | 45.5 | 14 | 34 | 500 | 4.5 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

| Lifting method |               |                        |      |     |      |       |        |            |       |        |            |
|----------------|---------------|------------------------|------|-----|------|-------|--------|------------|-------|--------|------------|
| Number         | Lifting angle | 1                      | 2    | 1   | 2    | 2     | 2      | 2          | 3-4   | 3-4    | 3-4        |
|                |               | 0°                     | 0°   | 90° | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° | asymmetric |
| ITEM NO        | M             | Working limit load / T |      |     |      |       |        |            |       |        |            |
| BLT118-M6      | 6×1.0         | 0.4                    | 0.8  | 0.2 | 0.4  | 0.28  | 0.2    | 0.2        | 0.42  | 0.2    | 0.2        |
| BLT118-M8      | 8×1.25        | 0.8                    | 1.6  | 0.5 | 1.0  | 0.7   | 0.5    | 0.5        | 1.05  | 0.75   | 0.5        |
| BLT118-M10     | 10×1.5        | 1.2                    | 2.4  | 0.7 | 1.4  | 0.98  | 0.7    | 0.7        | 1.47  | 1.05   | 0.7        |
| BLT118-M12     | 12×1.75       | 2.0                    | 4.0  | 1.0 | 2.0  | 1.4   | 1.0    | 1.0        | 2.1   | 1.5    | 1.0        |
| BLT118-M14     | 14×2.0        | 2.4                    | 4.8  | 1.5 | 3.0  | 2.1   | 1.5    | 1.5        | 3.15  | 2.25   | 1.5        |
| BLT118-M16     | 16×2.0        | 3.2                    | 6.4  | 2.0 | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| BLT118-M18     | 18×2.5        | 5.0                    | 10.0 | 2.5 | 5.0  | 3.5   | 2.5    | 2.5        | 5.25  | 3.75   | 2.5        |
| BLT118-M20     | 20×2.5        | 5.6                    | 11.2 | 3.0 | 6.0  | 4.2   | 3.0    | 3.0        | 6.3   | 4.5    | 3.0        |
| BLT118-M22     | 22×2.5        | 7.0                    | 14.0 | 4.0 | 8.0  | 5.5   | 4.0    | 4.0        | 8.0   | 6.0    | 4.0        |
| BLT118-M24     | 24×3.0        | 9.2                    | 18.4 | 5.0 | 10.0 | 7.0   | 5.0    | 5.0        | 10.5  | 7.5    | 5.0        |
| BLT118-M27     | 27×3.0        | 9.5                    | 19.0 | 5.6 | 11.2 | 7.84  | 5.6    | 5.6        | 11.76 | 8.4    | 5.6        |
| BLT118-M30     | 30×3.5        | 12.0                   | 24.0 | 7.8 | 15.6 | 10.92 | 7.8    | 7.8        | 16.38 | 11.7   | 7.8        |



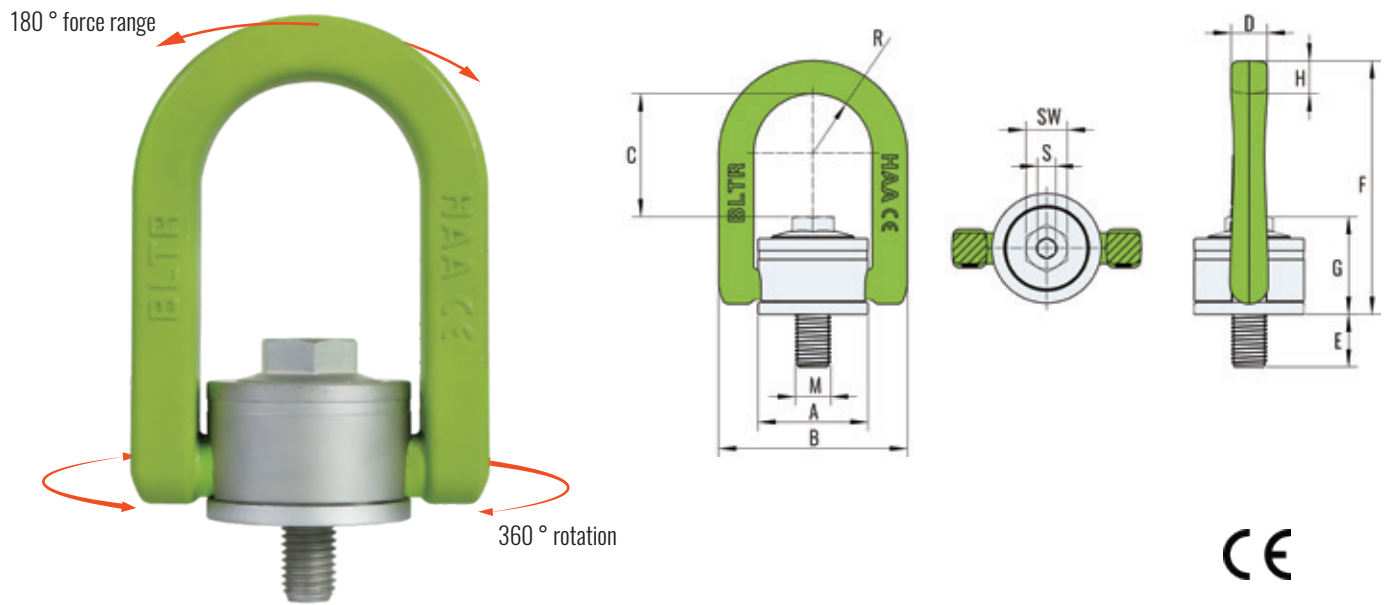


**NEW**  
**SAFE ROTATING LIFTING RING** | Metric Thread

|             |      |        | E   | A   | B   | C   | D  | F     | G     | H  | R    | S  | SW |     |      |
|-------------|------|--------|-----|-----|-----|-----|----|-------|-------|----|------|----|----|-----|------|
| BLT118M33   | 8.3  | 33×3.5 | 48  | 87  | 145 | 98  | 30 | 204.0 | 76.5  | 29 | 45.5 | 14 | 34 | 500 | 5.2  |
| BLT118-M36S | 9.0  | 36×4.0 | 54  | 87  | 145 | 98  | 30 | 204.0 | 76.5  | 29 | 45.5 | 14 | 34 | 500 | 5.7  |
| BLT118-M36B | 12.5 | 36×4.0 | 56  | 110 | 184 | 118 | 38 | 251.0 | 96.5  | 36 | 57.0 | 19 | 46 | 600 | 11.0 |
| BLT118-M39  | 13.8 | 39×4.0 | 56  | 110 | 184 | 118 | 38 | 251.0 | 96.5  | 36 | 57.0 | 19 | 46 | 600 | 10.5 |
| BLT118-M42  | 15.6 | 42×4.5 | 63  | 110 | 184 | 118 | 38 | 251.0 | 96.5  | 36 | 57.0 | 19 | 46 | 600 | 11.2 |
| BLT118-M45  | 17.5 | 45×4.5 | 63  | 110 | 184 | 118 | 38 | 251.0 | 96.5  | 36 | 57.0 | 19 | 46 | 600 | 11.5 |
| BLT118-M48  | 20.0 | 48×5.0 | 72  | 110 | 184 | 118 | 38 | 251.0 | 96.5  | 36 | 57.0 | 19 | 46 | 600 | 12.1 |
| BLT118M52   | 20.0 | 52×5.0 | 72  | 123 | 199 | 125 | 40 | 270.5 | 107.0 | 38 | 63.5 | 22 | 55 | 800 | 14.8 |
| BLT118-M56  | 22.0 | 56×5.5 | 84  | 123 | 199 | 125 | 40 | 270.5 | 107.0 | 38 | 63.5 | 22 | 55 | 800 | 15.2 |
| BLT118-M60  | 22.0 | 60×5.5 | 84  | 123 | 199 | 125 | 40 | 270.5 | 107.0 | 38 | 63.5 | 22 | 55 | 800 | 15.7 |
| BLT118-M64  | 22.5 | 64×6.0 | 100 | 123 | 199 | 125 | 40 | 270.5 | 107.0 | 38 | 63.5 | 22 | 55 | 800 | 16.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.

| Lifting method |        |  |  |  |  |  |  |  |  |        |            |
|----------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|------------|
| Number         |        | 1                                                                                     | 2                                                                                     | 1                                                                                     | 2                                                                                     | 2                                                                                     | 2                                                                                     | 3-4                                                                                   | 3-4                                                                                   |        |            |
| Lifting angle  |        | 0°                                                                                    | 0°                                                                                    | 90°                                                                                   | 90°                                                                                   | 0-45°                                                                                 | 45-60°                                                                                | asymmetric                                                                            | 0-45°                                                                                 | 45-60° | asymmetric |
| ITEM NO        | M      | Working limit load / T                                                                |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |            |
| BLT118M33      | 33×3.5 | 13.0                                                                                  | 16.6                                                                                  | 8.3                                                                                   | 16.6                                                                                  | 11.6                                                                                  | 8.3                                                                                   | 8.3                                                                                   | 17.4                                                                                  | 12.45  | 8.3        |
| BLT118-M36S    | 36×4.0 | 13.0                                                                                  | 26.0                                                                                  | 10.0                                                                                  | 20.0                                                                                  | 14.0                                                                                  | 10.0                                                                                  | 10.0                                                                                  | 21.0                                                                                  | 15.0   | 10.0       |
| BLT118-M36B    | 36×4.0 | 14.0                                                                                  | 28.0                                                                                  | 12.5                                                                                  | 25.0                                                                                  | 17.5                                                                                  | 12.5                                                                                  | 12.5                                                                                  | 26.25                                                                                 | 14.0   | 12.5       |
| BLT118-M39     | 39×4.0 | 15.0                                                                                  | 30.0                                                                                  | 13.8                                                                                  | 17.6                                                                                  | 19.3                                                                                  | 13.8                                                                                  | 13.8                                                                                  | 28.5                                                                                  | 20.7   | 13.8       |
| BLT118-M42     | 42×4.5 | 16.0                                                                                  | 32.0                                                                                  | 15.6                                                                                  | 31.2                                                                                  | 21.8                                                                                  | 15.6                                                                                  | 15.6                                                                                  | 32.8                                                                                  | 23.4   | 15.6       |
| BLT118-M45     | 45×4.5 | 18.0                                                                                  | 36.0                                                                                  | 17.5                                                                                  | 35.0                                                                                  | 24.5                                                                                  | 17.5                                                                                  | 17.5                                                                                  | 36.5                                                                                  | 26.25  | 17.5       |
| BLT118-M48     | 48×5.0 | 20.0                                                                                  | 40.0                                                                                  | 20.0                                                                                  | 40.0                                                                                  | 28.0                                                                                  | 20.0                                                                                  | 20.0                                                                                  | 42.0                                                                                  | 30.0   | 20.0       |
| BLT118M52      | 52×5.0 | 20.0                                                                                  | 40.0                                                                                  | 20.0                                                                                  | 40.0                                                                                  | 28.0                                                                                  | 20.0                                                                                  | 20.0                                                                                  | 42.0                                                                                  | 30.0   | 20.0       |
| BLT118-M56     | 56×5.5 | 22.0                                                                                  | 44.0                                                                                  | 22.0                                                                                  | 44.0                                                                                  | 30.8                                                                                  | 22.0                                                                                  | 22.0                                                                                  | 46.2                                                                                  | 33.0   | 22.0       |
| BLT118-M60     | 60×5.5 | 22.0                                                                                  | 44.0                                                                                  | 22.0                                                                                  | 44.0                                                                                  | 30.8                                                                                  | 22.0                                                                                  | 22.0                                                                                  | 46.2                                                                                  | 33.0   | 22.0       |
| BLT118-M64     | 64×6.0 | 22.5                                                                                  | 45.0                                                                                  | 22.5                                                                                  | 45.0                                                                                  | 31.5                                                                                  | 22.5                                                                                  | 22.5                                                                                  | 47.25                                                                                 | 33.75  | 22.5       |



NEW

SAFE ROTATING LIFTING RING | UNC Thread

| 产品编号         | 工作载荷  | 螺纹    |      | 尺寸参数 mm |     |     |     |      |       |       |      |      |    |    | 锁紧扭矩 | 净重   |
|--------------|-------|-------|------|---------|-----|-----|-----|------|-------|-------|------|------|----|----|------|------|
| ITEM NO.     | WLL/T | M     | TPI  | E       | A   | B   | C   | D    | F     | G     | H    | R    | S  | SW | Nm   | Kg   |
| BLT118-1/4   | 0.15  | 1/4   | 20.0 | 13      | 33  | 55  | 40  | 10.0 | 80.0  | 30.0  | 9.5  | 17.5 | 6  | 13 | 10   | 0.3  |
| BLT118-5/16  | 0.5   | 5/16  | 18.0 | 15      | 33  | 55  | 40  | 10.0 | 80.0  | 30.0  | 9.5  | 17.5 | 6  | 13 | 15   | 0.3  |
| BLT118-3/8   | 0.6   | 3/8   | 16.0 | 17      | 33  | 55  | 40  | 10.0 | 80.0  | 30.0  | 9.5  | 17.5 | 6  | 13 | 15   | 0.3  |
| BLT118-1/2   | 0.8   | 1/2   | 13.0 | 20      | 33  | 55  | 40  | 10.0 | 80.0  | 30.0  | 9.5  | 17.5 | 6  | 13 | 15   | 0.3  |
| BLT118-5/8   | 1.6   | 5/8   | 11.0 | 24      | 50  | 86  | 56  | 15.0 | 115.5 | 44.5  | 15.0 | 27.0 | 8  | 19 | 30   | 1.1  |
| BLT118-3/4   | 2.4   | 3/4   | 10.0 | 30      | 65  | 113 | 82  | 22.0 | 161.0 | 58.0  | 21.0 | 34.5 | 10 | 27 | 80   | 2.4  |
| BLT118-7/8   | 3.0   | 7/8   | 9.0  | 36      | 65  | 113 | 82  | 22.0 | 161.0 | 58.0  | 21.0 | 34.5 | 10 | 27 | 90   | 2.7  |
| BLT118-1     | 4.0   | 1     | 8.0  | 36      | 65  | 113 | 82  | 22.0 | 161.0 | 58.0  | 21.0 | 34.5 | 10 | 27 | 110  | 3.0  |
| BLT118-1-1/4 | 6.25  | 1-1/4 | 7.0  | 48      | 87  | 145 | 98  | 26.5 | 204.0 | 76.5  | 29.0 | 45.5 | 14 | 34 | 200  | 5.2  |
| BLT118-1-1/2 | 10.0  | 1-1/2 | 6.0  | 60      | 110 | 184 | 118 | 38.0 | 251.0 | 96.5  | 36.0 | 57.0 | 19 | 46 | 500  | 10.5 |
| BLT118-1-3/4 | 12.0  | 1-3/4 | 5.0  | 63      | 110 | 184 | 118 | 38.0 | 251.0 | 96.5  | 36.0 | 57.0 | 19 | 46 | 500  | 11.5 |
| BLT118-2     | 16.0  | 2     | 4.5  | 76      | 110 | 184 | 118 | 38.0 | 251.0 | 96.5  | 36.0 | 57.0 | 19 | 46 | 600  | 13.0 |
| BLT118-2-1/4 | 17.5  | 2-1/4 | 4.5  | 84      | 123 | 199 | 125 | 40.0 | 270.5 | 107.0 | 38.0 | 63.5 | 22 | 55 | 800  | 15.5 |
| BLT118-2-1/2 | 18.0  | 2-1/2 | 4.0  | 100     | 123 | 199 | 125 | 40.0 | 270.5 | 107.0 | 38.0 | 63.5 | 22 | 55 | 800  | 16.0 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



| Lifting method |  |  |  |  |  |  |  |  |        |            |      |
|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|------------|------|
| Number         | 1                                                                                     | 2                                                                                     | 1                                                                                     | 2                                                                                     | 2                                                                                     | 2                                                                                     | 3-4                                                                                   | 3-4                                                                                   |        |            |      |
| Lifting angle  | 0°                                                                                    | 0°                                                                                    | 90°                                                                                   | 90°                                                                                   | 0-45°                                                                                 | 45-60°                                                                                | asymmetric                                                                            | 0-45°                                                                                 | 45-60° | asymmetric |      |
| ITEM NO        | M                                                                                     | Working limit load / T                                                                |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |            |      |
| BLT118-1/4     | 1/4                                                                                   | 0.3                                                                                   | 0.6                                                                                   | 0.15                                                                                  | 0.3                                                                                   | 0.21                                                                                  | 0.15                                                                                  | 0.15                                                                                  | 0.32   | 0.23       | 0.15 |
| BLT118-5/16    | 5/16                                                                                  | 0.8                                                                                   | 1.6                                                                                   | 0.5                                                                                   | 1.0                                                                                   | 0.7                                                                                   | 0.5                                                                                   | 0.5                                                                                   | 1.1    | 0.75       | 0.5  |
| BLT118-3/8     | 3/8                                                                                   | 1.0                                                                                   | 2.0                                                                                   | 0.6                                                                                   | 1.2                                                                                   | 0.84                                                                                  | 0.6                                                                                   | 0.6                                                                                   | 1.3    | 0.9        | 0.6  |
| BLT118-1/2     | 1/2                                                                                   | 1.2                                                                                   | 2.4                                                                                   | 0.8                                                                                   | 1.6                                                                                   | 1.12                                                                                  | 0.8                                                                                   | 0.8                                                                                   | 1.68   | 1.2        | 0.8  |
| BLT118-5/8     | 5/8                                                                                   | 2.6                                                                                   | 5.2                                                                                   | 1.6                                                                                   | 3.2                                                                                   | 2.24                                                                                  | 1.6                                                                                   | 1.6                                                                                   | 3.36   | 2.4        | 1.6  |
| BLT118-3/4     | 3/4                                                                                   | 3.6                                                                                   | 7.2                                                                                   | 2.4                                                                                   | 4.8                                                                                   | 3.36                                                                                  | 2.4                                                                                   | 2.4                                                                                   | 5.0    | 3.6        | 2.4  |
| BLT118-7/8     | 7/8                                                                                   | 4.5                                                                                   | 9.0                                                                                   | 3.0                                                                                   | 6.0                                                                                   | 4.2                                                                                   | 3.0                                                                                   | 3.0                                                                                   | 6.3    | 4.5        | 3.0  |
| BLT118-1       | 1                                                                                     | 7.2                                                                                   | 14.4                                                                                  | 4.0                                                                                   | 8.0                                                                                   | 5.6                                                                                   | 4.0                                                                                   | 4.0                                                                                   | 8.4    | 6.0        | 4.0  |
| BLT118-1-1/4   | 1-1/4                                                                                 | 9.6                                                                                   | 19.2                                                                                  | 6.25                                                                                  | 12.5                                                                                  | 8.75                                                                                  | 6.25                                                                                  | 6.25                                                                                  | 13.13  | 9.38       | 6.25 |
| BLT118-1-1/2   | 1-1/2                                                                                 | 11.0                                                                                  | 22.0                                                                                  | 10.0                                                                                  | 20.0                                                                                  | 14.0                                                                                  | 10.0                                                                                  | 10.0                                                                                  | 21.0   | 15.0       | 10.0 |
| BLT118-1-3/4   | 1-3/4                                                                                 | 14.0                                                                                  | 28.0                                                                                  | 12.0                                                                                  | 24.0                                                                                  | 16.8                                                                                  | 12.0                                                                                  | 12.0                                                                                  | 25.2   | 18.0       | 12.0 |
| BLT118-2       | 2                                                                                     | 16.0                                                                                  | 32.0                                                                                  | 16.0                                                                                  | 32.0                                                                                  | 22.4                                                                                  | 16.0                                                                                  | 16.0                                                                                  | 33.6   | 24.0       | 16.0 |
| BLT118-2-1/4   | 2-1/4                                                                                 | 17.5                                                                                  | 35.0                                                                                  | 17.5                                                                                  | 35.0                                                                                  | 24.5                                                                                  | 17.5                                                                                  | 17.5                                                                                  | 36.75  | 26.25      | 17.5 |
| BLT118-2-1/2   | 2-1/2                                                                                 | 18.0                                                                                  | 36.0                                                                                  | 18.0                                                                                  | 36.0                                                                                  | 25.2                                                                                  | 18.0                                                                                  | 18.0                                                                                  | 37.8   | 27.0       | 18.0 |





## WELDING TYPE LIFTING RING

Welding work must be carried out by qualified welding personnel in accordance with EN287 or AWS specifications.

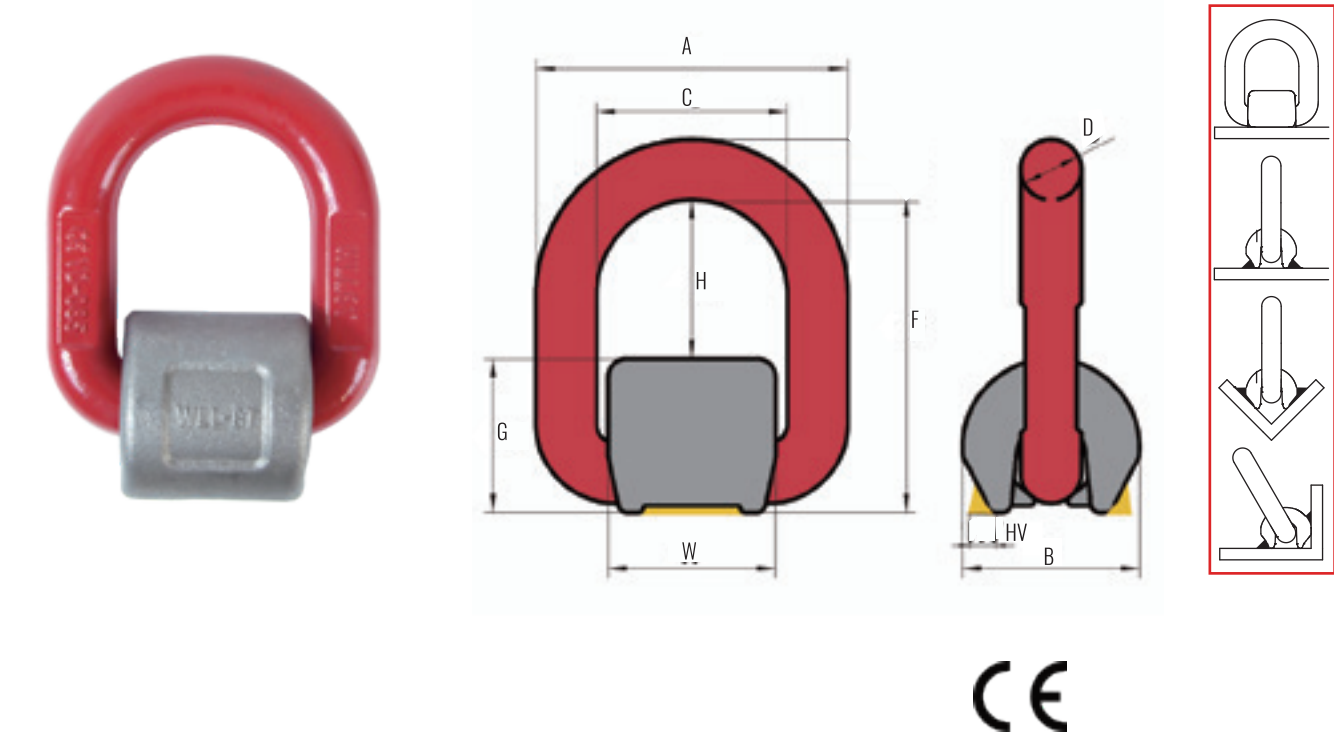


## Welding conditions

- The carbon content of the welding base material must be less than 0.40%.
- When the room temperature is below 10 ° C, the surface needs to be preheated before welding.
- Important: Do not weld in open spaces or areas with poor weather conditions.

## Welding method

- Before welding, the contact surface should be kept clean and free of iron filings, oil stains, paint, slag, or any other contaminants. If the surface has corroded, the welding surface must completely remove the iron filings. If there is paint, it also needs to be completely removed.
- Before proceeding to the next welding, the weld bead must be cleaned to avoid slag inclusion.
- Once the welding operation begins, do not interrupt to avoid component cooling.
- Please conduct a thorough inspection of the welding points and ensure that there are no cracks, dents, or scratches. If you have any doubts, please use non-destructive testing methods such as magnetic particle or liquid penetrant testing.
- If repair is required, grind the defects clean and perform qualified welding steps again.
- Do not rapidly cool the welding point.

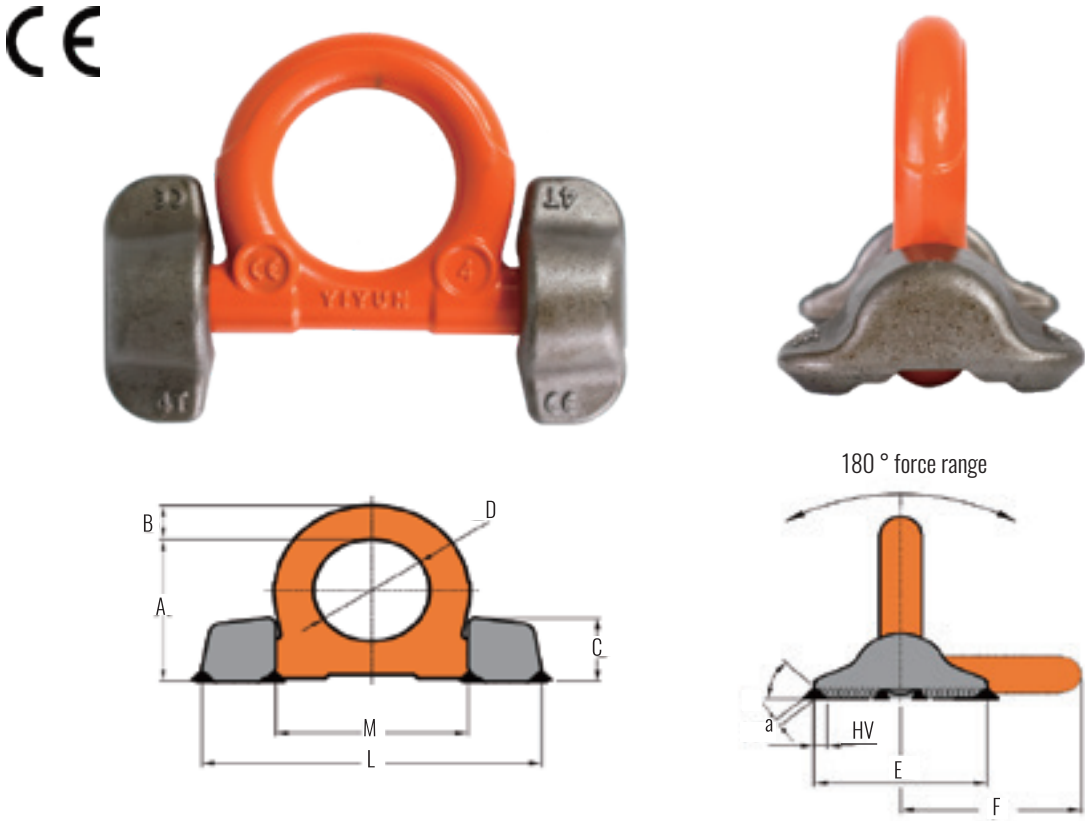


G80 LIFTING POINTS

| ITEM NO. | WLL/T | Technical Parameter mm |     |     |      |       |      |       |    |     | Kg   |
|----------|-------|------------------------|-----|-----|------|-------|------|-------|----|-----|------|
|          |       | A                      | B   | C   | D    | F     | G    | H     | HV | W   |      |
| YD085-01 | 1.12  | 67                     | 38  | 41  | 13.0 | 68.0  | 33.0 | 35.0  | 5  | 36  | 0.4  |
| YD085-02 | 2.0   | 70                     | 40  | 42  | 14.0 | 77.0  | 35.5 | 41.5  | 6  | 38  | 0.5  |
| YD085-03 | 3.15  | 80                     | 43  | 45  | 17.5 | 80.5  | 39.0 | 41.5  | 7  | 43  | 0.7  |
| YD085-05 | 5.3   | 98                     | 60  | 54  | 22.0 | 97.0  | 49.0 | 48.0  | 8  | 50  | 1.4  |
| YD085-08 | 8.0   | 124                    | 69  | 70  | 27.0 | 118.0 | 58.0 | 60.0  | 10 | 66  | 2.6  |
| YD085-10 | 10.0  | 140                    | 75  | 84  | 28.0 | 143.0 | 62.0 | 81.0  | 12 | 76  | 3.5  |
| YD085-15 | 15.0  | 163                    | 87  | 95  | 34.0 | 155.0 | 69.0 | 86.0  | 15 | 88  | 5.5  |
| YD085-20 | 20.0  | 239                    | 125 | 147 | 46.0 | 234.5 | 88.0 | 146.5 | 20 | 124 | 15.0 |

★ Safety factor 4:1;  
Welding instructions: Welding operations must be carried out by qualified welding personnel in accordance with EN287 or AWS specifications.

| Lifting method |       |                        |      |      |      |       |        |            |       |                   |
|----------------|-------|------------------------|------|------|------|-------|--------|------------|-------|-------------------|
| Number         |       | 1                      | 2    | 1    | 2    | 2     |        | 2          | 3-4   |                   |
| Lifting angle  |       | 0°                     | 0°   | 90°  | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° asymmetric |
| ITEM NO        | WLL/T | Working limit load / T |      |      |      |       |        |            |       |                   |
| YD085-01       | 1.12  | 1.12                   | 2.24 | 1.12 | 2.24 | 1.6   | 1.12   | 1.12       | 2.4   | 1.68 1.12         |
| YD085-02       | 2.0   | 2.0                    | 4.0  | 2.0  | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.0 2.0           |
| YD085-03       | 3.15  | 3.15                   | 6.3  | 3.15 | 6.3  | 4.4   | 3.15   | 3.15       | 6.6   | 4.73 3.15         |
| YD085-05       | 5.3   | 5.3                    | 10.6 | 5.3  | 10.6 | 7.4   | 5.3    | 5.3        | 11.1  | 7.95 5.3          |
| YD085-08       | 8.0   | 8.0                    | 16.0 | 8.0  | 16.0 | 11.2  | 8.0    | 8.0        | 16.8  | 12.0 8.0          |
| YD085-10       | 10.0  | 10.0                   | 20.0 | 10.0 | 20.0 | 14.0  | 10.0   | 10.0       | 21.0  | 15.0 10.0         |
| YD085-15       | 15.0  | 15.0                   | 30.0 | 15.0 | 30.0 | 21.0  | 15.0   | 15.0       | 31.5  | 22.5 15.0         |
| YD085-20       | 20.0  | 20.0                   | 40.0 | 20.0 | 40.0 | 28.0  | 20.0   | 20.0       | 42.0  | 30.0 20.0         |



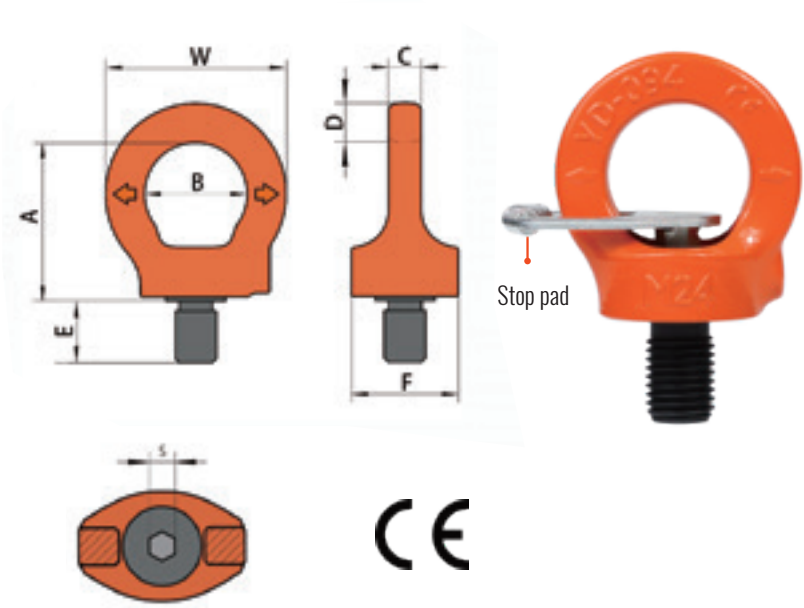
WELDED LIFTING LUG

| ITEM NO. | WLL/T | Technical Parameter mm |    |    |     |     |     |     |     |    |   | Kg   |
|----------|-------|------------------------|----|----|-----|-----|-----|-----|-----|----|---|------|
|          |       | A                      | B  | C  | D   | E   | F   | L   | M   | HV | a |      |
| YD092-04 | 4.0   | 66                     | 14 | 30 | 48  | 65  | 70  | 135 | 76  | 5  | 3 | 1.1  |
| YD092-06 | 6.7   | 85                     | 20 | 39 | 60  | 89  | 91  | 171 | 98  | 5  | 3 | 1.6  |
| YD092-10 | 10.0  | 95                     | 21 | 46 | 65  | 100 | 100 | 196 | 106 | 7  | 4 | 2.6  |
| YD092-16 | 16.0  | 127                    | 30 | 57 | 90  | 130 | 136 | 263 | 149 | 8  | 4 | 5.7  |
| YD092-30 | 31.5  | 178                    | 42 | 78 | 130 | 160 | 190 | 375 | 213 | 15 | 4 | 15.6 |

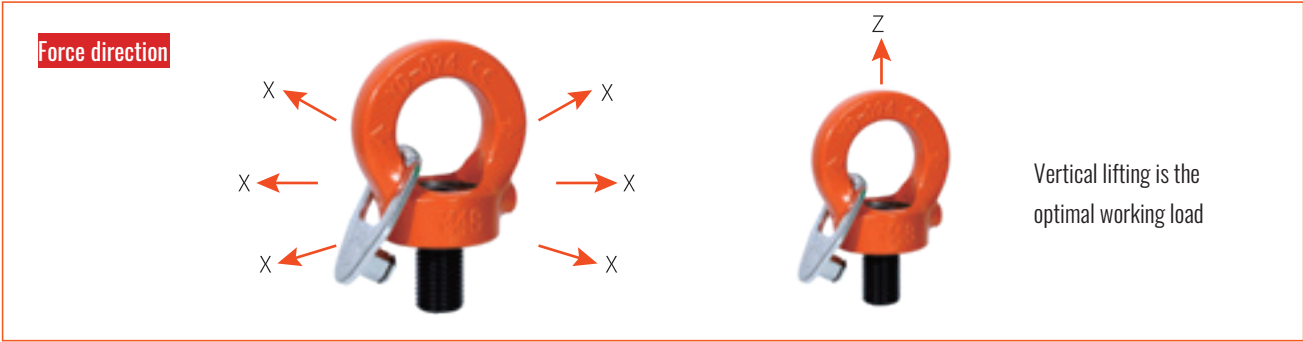
★ Safety factor 4:1;  
Welding instructions: Welding operations must be carried out by qualified welding personnel in accordance with EN287 or AWS specifications.

| Lifting method |       |                        |      |      |      |       |        |            |       |                   |
|----------------|-------|------------------------|------|------|------|-------|--------|------------|-------|-------------------|
| Number         |       | 1                      | 2    | 1    | 2    | 2     |        | 2          | 3-4   |                   |
| Lifting angle  |       | 0°                     | 0°   | 90°  | 90°  | 0-45° | 45-60° | asymmetric | 0-45° | 45-60° asymmetric |
| ITEM NO        | WLL/T | Working limit load / T |      |      |      |       |        |            |       |                   |
| YD092-04       | 4.0   | 4.0                    | 8.0  | 4.0  | 8.0  | 5.6   | 4.0    | 4.0        | 8.4   | 6.00 4.0          |
| YD092-06       | 6.7   | 6.7                    | 13.4 | 6.7  | 13.4 | 9.4   | 6.7    | 6.7        | 14.1  | 10.05 6.7         |
| YD092-10       | 10.0  | 10.0                   | 20.0 | 10.0 | 20.0 | 14.0  | 10.0   | 10.0       | 21.0  | 15.00 10.0        |
| YD092-16       | 16.0  | 16.0                   | 32.0 | 16.0 | 32.0 | 22.4  | 16.0   | 16.0       | 33.6  | 24.00 16.0        |
| YD092-30       | 31.5  | 31.5                   | 63.0 | 31.5 | 63.0 | 44.1  | 31.5   | 31.5       | 66.2  | 47.25 31.5        |





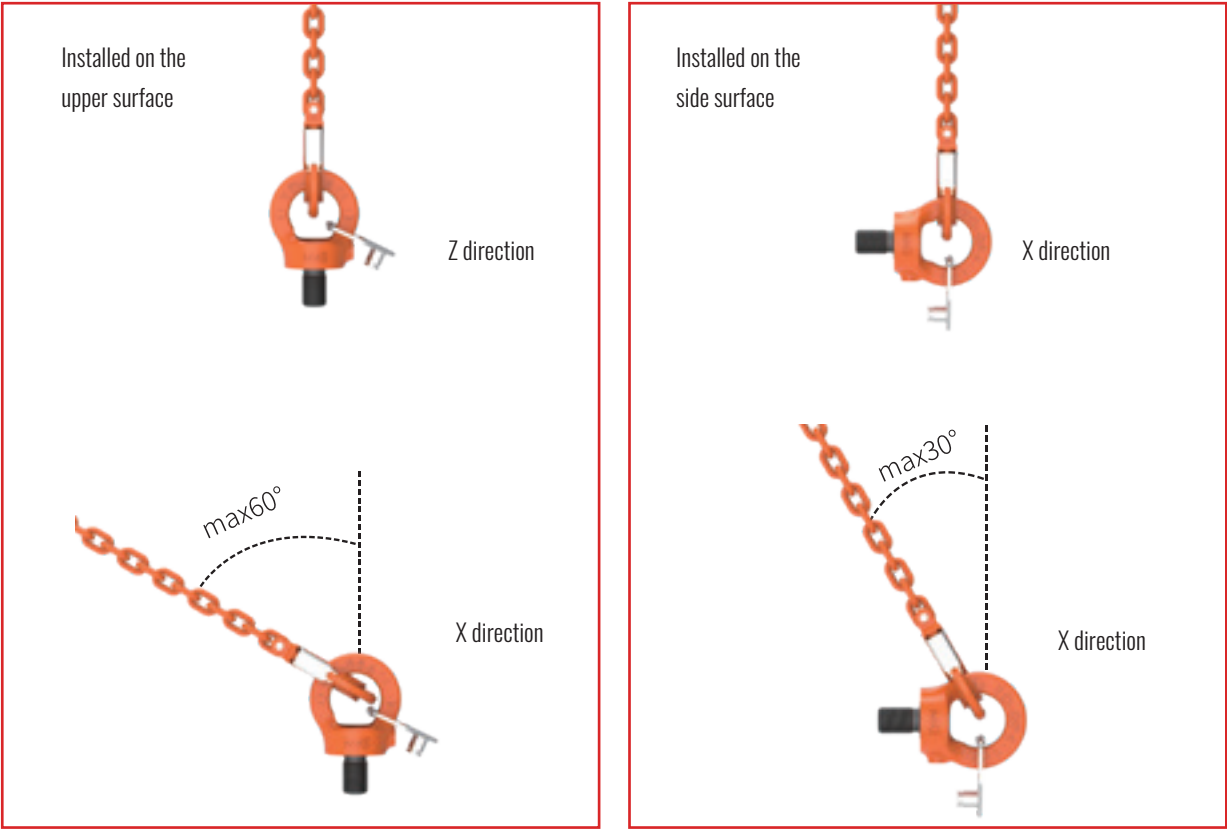
- 360 ° rotation, equipped with a locking wrench, easy to install after locking, and the lifting ring can be rotated after loosening.
- The load that can be lifted varies depending on the direction of force, but the safety factor is guaranteed to be 4 times.
- The composition of alloy elements is more scientific, and the bolts are made of precision forged alloy steel with a tensile strength greater than 1080 MPa after quenching and tempering.
- Complete specifications available for non-standard customization, complete thread specifications, wide rated load range (M8-M64, 0.3T-12T). thread sizes can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- Easy to install, with hexagonal design on the top of the bolt, allowing for easy installation of the lifting point on the lifted object.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.



KEY EYE POINT | Metric Thread

| ITEM NO.  | WLL/T | M       | Technical Parameter mm |       |    |    |      |     |     |    | Nm      | Kg   |
|-----------|-------|---------|------------------------|-------|----|----|------|-----|-----|----|---------|------|
|           |       |         | E                      | A     | B  | C  | D    | F   | W   | S  |         |      |
| YD094-M8  | 0.3   | 8×1.25  | 12                     | 40.0  | 25 | 8  | 9.5  | 26  | 44  | 6  | 10-40   | 0.12 |
| YD094-M10 | 0.4   | 10×1.5  | 15                     | 40.0  | 25 | 8  | 9.5  | 26  | 44  | 6  | 10-40   | 0.13 |
| YD094-M12 | 0.75  | 12×1.75 | 18                     | 47.0  | 30 | 10 | 11.0 | 32  | 52  | 8  | 15-40   | 0.2  |
| YD094-M14 | 0.75  | 14×2.0  | 18                     | 47.0  | 30 | 10 | 11.0 | 32  | 52  | 8  | 30-100  | 0.2  |
| YD094-M16 | 1.5   | 16×2.0  | 24                     | 54.0  | 35 | 14 | 13.0 | 39  | 61  | 10 | 45-130  | 0.4  |
| YD094-M18 | 1.5   | 18×2.5  | 24                     | 54.0  | 35 | 14 | 13.0 | 39  | 61  | 10 | 100-170 | 0.4  |
| YD094-M20 | 2.3   | 20×2.5  | 30                     | 63.0  | 40 | 16 | 15.0 | 47  | 70  | 12 | 100-170 | 0.6  |
| YD094-M22 | 2.3   | 22×2.5  | 30                     | 63.0  | 40 | 16 | 15.0 | 47  | 70  | 12 | 100-170 | 0.6  |
| YD094-M24 | 3.2   | 24×3.0  | 36                     | 73.0  | 48 | 19 | 18.0 | 55  | 84  | 14 | 190-280 | 1.0  |
| YD094-M27 | 3.2   | 27×3.0  | 36                     | 73.0  | 48 | 19 | 18.0 | 55  | 84  | 14 | 250-500 | 1.0  |
| YD094-M30 | 4.5   | 30×3.5  | 45                     | 91.5  | 60 | 24 | 22.5 | 67  | 105 | 17 | 270-600 | 1.9  |
| YD094-M33 | 4.5   | 33×3.5  | 45                     | 91.5  | 60 | 24 | 22.5 | 67  | 105 | 17 | 270-600 | 1.9  |
| YD094-M36 | 7.0   | 36×4.0  | 54                     | 114.0 | 72 | 29 | 27.0 | 85  | 126 | 22 | 270-600 | 3.6  |
| YD094-M42 | 9.0   | 42×4.5  | 63                     | 130.0 | 82 | 34 | 32.5 | 98  | 147 | 22 | 350-800 | 5.6  |
| YD094-M48 | 12.0  | 48×5.0  | 72                     | 151.0 | 96 | 38 | 36.0 | 114 | 168 | 27 | 350-800 | 8.5  |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.

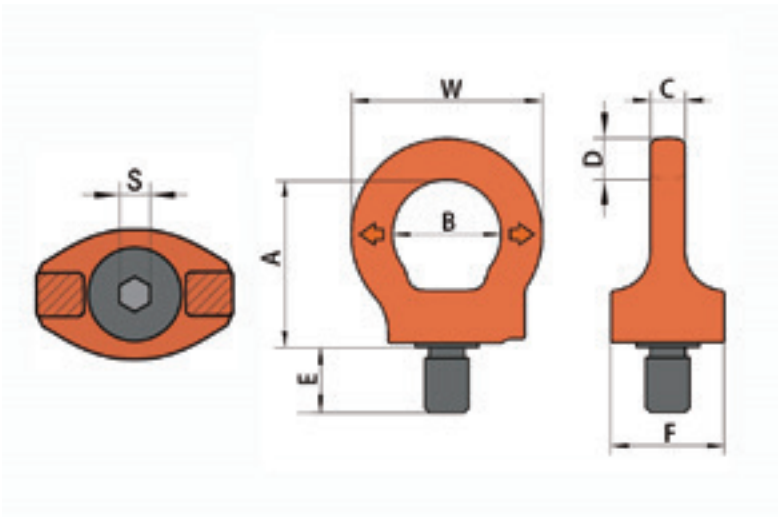


Lifting method



| Number        | 1       | 2                      | 1   | 2    | 2     | 2      | 3-4        | 3-4        |
|---------------|---------|------------------------|-----|------|-------|--------|------------|------------|
| Lifting angle | 0°      | 0°                     | 90° | 90°  | 0-45° | 45-60° | asymmetric | asymmetric |
| ITEM NO       | M       | Working limit load / T |     |      |       |        |            |            |
| YD094-M8      | 8×1.25  | 1                      | 2   | 0.3  | 0.6   | 0.42   | 0.3        | 0.3        |
| YD094-M10     | 10×1.5  | 1                      | 2   | 0.4  | 0.8   | 0.56   | 0.4        | 0.4        |
| YD094-M12     | 12×1.75 | 2                      | 4   | 0.75 | 1.5   | 1.0    | 0.75       | 0.75       |
| YD094-M14     | 14×2.0  | 2                      | 4   | 0.75 | 1.5   | 1.0    | 0.75       | 0.75       |
| YD094-M16     | 16×2.0  | 4                      | 8   | 1.5  | 3.0   | 2.1    | 1.5        | 1.5        |
| YD094-M18     | 18×2.5  | 4                      | 8   | 1.5  | 3.0   | 2.1    | 1.5        | 1.5        |
| YD094-M20     | 20×2.5  | 6                      | 12  | 2.3  | 4.6   | 3.2    | 2.3        | 2.3        |
| YD094-M22     | 22×2.5  | 6                      | 12  | 2.3  | 4.6   | 3.2    | 2.3        | 2.3        |
| YD094-M24     | 24×3.0  | 8                      | 16  | 3.2  | 6.4   | 4.5    | 3.2        | 3.2        |
| YD094-M27     | 27×3.0  | 8                      | 16  | 3.2  | 6.4   | 4.5    | 3.2        | 3.2        |
| YD094-M30     | 30×3.5  | 12                     | 24  | 4.5  | 9.0   | 6.3    | 4.5        | 4.5        |
| YD094-M33     | 33×3.5  | 12                     | 24  | 4.5  | 9.0   | 6.3    | 4.5        | 4.5        |
| YD094-M36     | 36×4.0  | 16                     | 32  | 7.0  | 14.0  | 9.8    | 7.0        | 7.0        |
| YD094-M42     | 42×4.5  | 24                     | 48  | 9.0  | 18.0  | 12.6   | 9.0        | 9.0        |
| YD094-M48     | 48×5.0  | 32                     | 64  | 12.0 | 24.0  | 16.8   | 12.0       | 12.0       |

Open the stopper to rotate 360 °



Force direction



Vertical lifting is the optimal working load

KEY EYE POINT | UNC Thread

| ITEM NO     | WLL/T | Thread |     | Technical Parameter mm |       |    |    |      |     |     |    | Nm      | Kg   |
|-------------|-------|--------|-----|------------------------|-------|----|----|------|-----|-----|----|---------|------|
|             |       | M      | TPI | E                      | A     | B  | C  | D    | F   | W   | S  |         |      |
| YD094-5/16  | 0.3   | 5/16   | 18  | 12                     | 40.0  | 25 | 8  | 9.5  | 26  | 44  | 6  | 10-40   | 0.15 |
| YD094-3/8   | 0.4   | 3/8    | 16  | 15                     | 40.0  | 25 | 8  | 9.5  | 26  | 44  | 6  | 10-40   | 0.15 |
| YD094-1/2   | 0.75  | 1/2    | 13  | 18                     | 47.0  | 30 | 10 | 11.0 | 32  | 52  | 8  | 15-40   | 0.2  |
| YD094-5/8   | 1.5   | 5/8    | 11  | 24                     | 54.0  | 35 | 14 | 13.0 | 39  | 61  | 10 | 45-130  | 0.35 |
| YD094-3/4   | 2.3   | 3/4    | 10  | 30                     | 63.0  | 40 | 16 | 15.0 | 47  | 70  | 12 | 45-130  | 0.6  |
| YD094-7/8   | 2.3   | 7/8    | 9   | 30                     | 63.0  | 40 | 16 | 15.0 | 47  | 70  | 12 | 100-170 | 0.6  |
| YD094-1     | 3.2   | 1      | 8   | 36                     | 73.0  | 48 | 19 | 18.0 | 55  | 84  | 14 | 190-280 | 1.0  |
| YD094-1-1/4 | 4.5   | 1-1/4  | 7   | 45                     | 91.5  | 60 | 24 | 22.5 | 67  | 105 | 17 | 270-600 | 2.0  |
| YD094-1-1/2 | 7.0   | 1-1/2  | 6   | 54                     | 114.0 | 72 | 29 | 27.0 | 85  | 126 | 22 | 270-600 | 3.8  |
| YD094-1-3/4 | 9.0   | 1-3/4  | 5   | 63                     | 130.0 | 82 | 34 | 32.5 | 98  | 147 | 22 | 350-800 | 5.0  |
| YD094-2     | 12.0  | 2      | 4.5 | 72                     | 151.0 | 96 | 38 | 36.0 | 114 | 168 | 27 | 350-800 | 7.5  |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



Installed on the side surface

◀ Equipped with a locking wrench



Installed on the upper surface

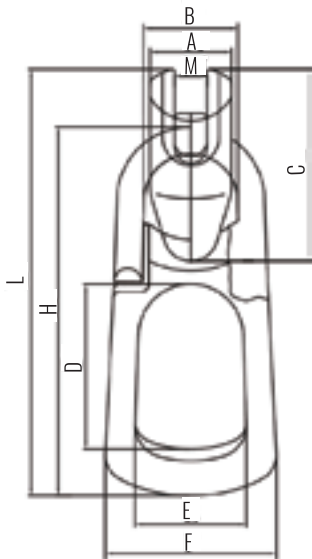
Lifting method



| Number        | 1     | 2                      | 1   | 2    | 2     | 2      | 3-4        | 3-4        |
|---------------|-------|------------------------|-----|------|-------|--------|------------|------------|
| Lifting angle | 0°    | 0°                     | 90° | 90°  | 0-45° | 45-60° | asymmetric | asymmetric |
| ITEM NO       | M     | Working limit load / T |     |      |       |        |            |            |
| YD094-5/16    | 5/16  | 1                      | 2   | 0.3  | 0.6   | 0.42   | 0.3        | 0.3        |
| YD094-3/8     | 3/8   | 1                      | 2   | 0.4  | 0.8   | 0.56   | 0.4        | 0.4        |
| YD094-1/2     | 1/2   | 2                      | 4   | 0.75 | 1.5   | 1.0    | 0.75       | 0.75       |
| YD094-5/8     | 5/8   | 4                      | 8   | 1.5  | 3.0   | 2.1    | 1.5        | 1.5        |
| YD094-3/4     | 3/4   | 6                      | 12  | 2.3  | 4.6   | 3.2    | 2.3        | 2.3        |
| YD094-7/8     | 7/8   | 6                      | 12  | 2.3  | 4.6   | 3.2    | 2.3        | 2.3        |
| YD094-1       | 1     | 8                      | 16  | 3.2  | 6.4   | 4.5    | 3.2        | 3.2        |
| YD094-1-1/4   | 1-1/4 | 12                     | 24  | 4.5  | 9.0   | 6.3    | 4.5        | 4.5        |
| YD094-1-1/2   | 1-1/2 | 16                     | 32  | 7.0  | 14.0  | 9.8    | 7.0        | 7.0        |
| YD094-1-3/4   | 1-3/4 | 24                     | 48  | 9.0  | 18.0  | 12.6   | 9.0        | 9.0        |
| YD094-2       | 2     | 32                     | 64  | 12.0 | 24.0  | 16.8   | 12.0       | 12.0       |







Concrete Precast Element Lifting

| ITEM NO       | WLL/T | Technical Parameter mm |       |       |       |       |     |     |     |     | Kg    |
|---------------|-------|------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-------|
|               |       | A±1                    | B±1   | C±2   | D±1   | E±1   | F±1 | H±1 | M±2 | L±2 |       |
| YD095-1-1.3   | 1.3   | 33                     | 42.0  | 80.4  | 70.5  | 45.0  | 73  | 160 | 11  | 186 | 0.89  |
| YD095-1.5-2.5 | 2.5   | 41                     | 49.0  | 102.0 | 85.0  | 57.0  | 88  | 188 | 16  | 227 | 1.3   |
| YD095-3-5     | 5.0   | 55                     | 70.0  | 133.0 | 88.0  | 69.0  | 110 | 242 | 22  | 282 | 3.65  |
| YD095-6-10    | 10.0  | 73                     | 92.0  | 176.0 | 116.0 | 83.0  | 161 | 342 | 30  | 391 | 10.01 |
| YD095-12-20   | 20.0  | 110                    | 114.5 | 224.0 | 133.5 | 107.5 | 182 | 437 | 42  | 497 | 20.37 |
| YD095-12-32   | 32.0  | 154                    | 172.0 | 307.0 | 189.0 | 164.0 | 272 | 560 | 52  | 661 | 46.5  |

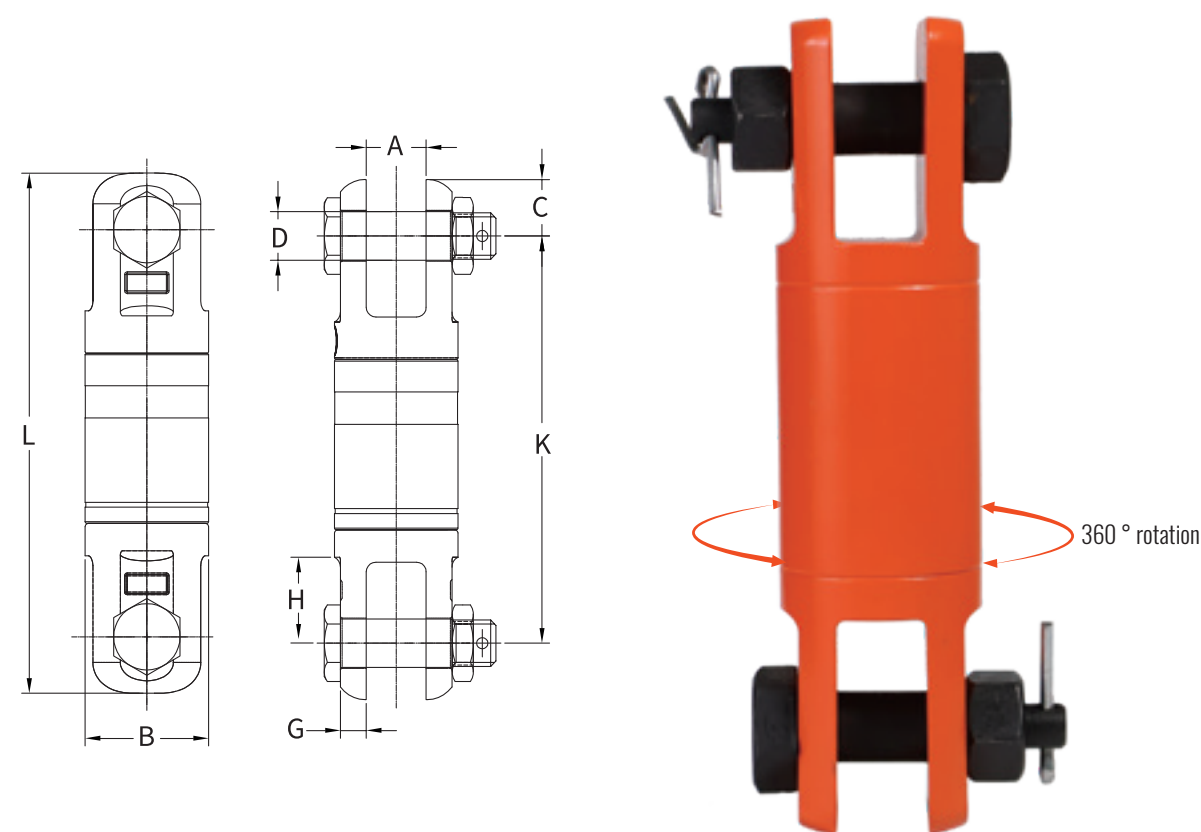
★ Safety factor 4:1.



ANGULAR CONTACT BEARING SWIVELS

- The rotating ring is made of high-strength and high toughness special alloy steel forged and precision processed, all of which have undergone quenching and tempering heat treatment.
- The surface of the rotating ring is coated with plastic, which enables the product to have good corrosion resistance and service life.
- The design safety factor of the rotating ring is 4:1.
- The independent test load during the certification of the rotating ring test should be twice the safe working load.

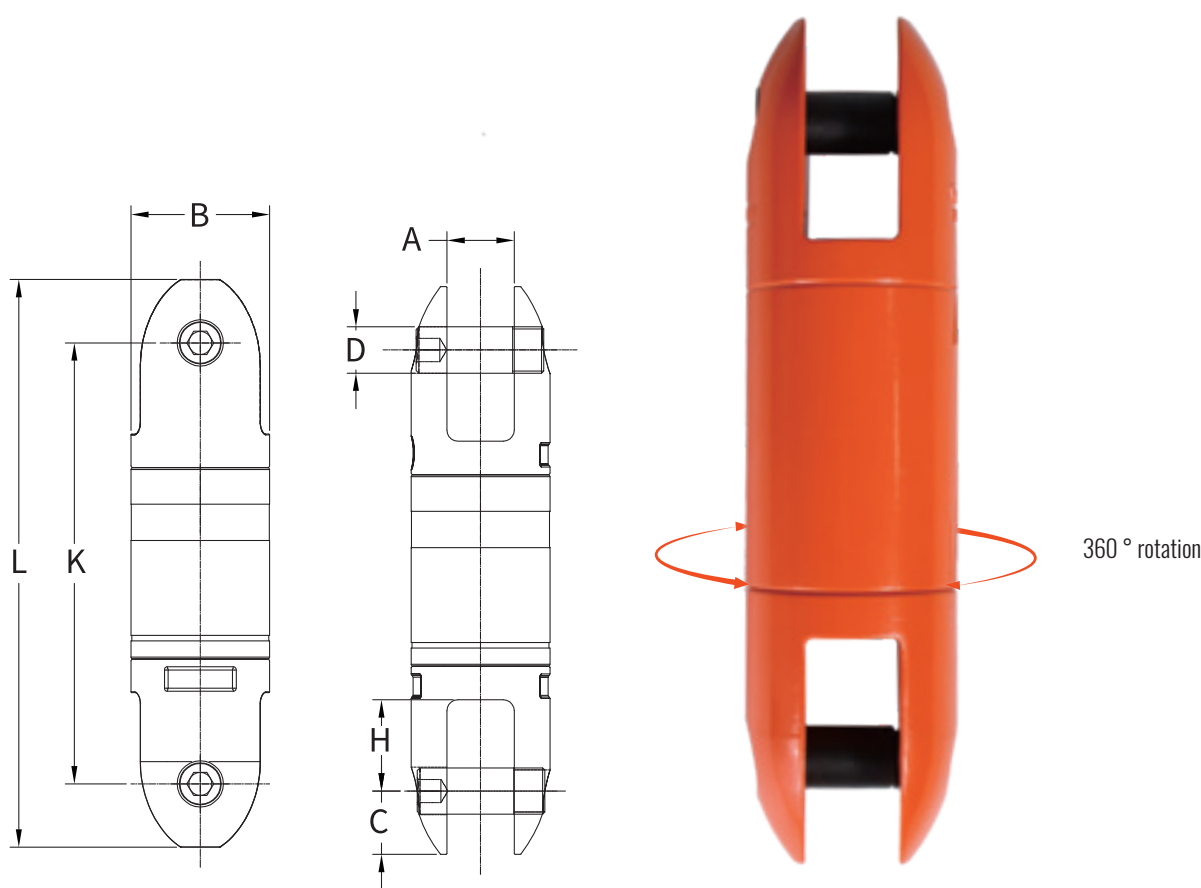




Angular Contat Bearing Swivels-UU

| ITEM NO   | SIZE  | WLL/T | Technical Parameter mm |     |     |     |     |    |    |     | Kg    |
|-----------|-------|-------|------------------------|-----|-----|-----|-----|----|----|-----|-------|
|           |       |       | B                      | K   | L   | C   | A   | D  | G  | H   |       |
| YD086-007 | 0.75  | 0.75  | 34                     | 107 | 133 | 13  | 15  | 10 | 6  | 22  | 0.5   |
| YD086-015 | 1.50  | 1.50  | 40                     | 119 | 159 | 20  | 18  | 13 | 8  | 26  | 0.9   |
| YD086-030 | 3.00  | 3.00  | 53                     | 160 | 210 | 25  | 23  | 19 | 10 | 32  | 2.3   |
| YD086-050 | 5.00  | 5.00  | 67                     | 203 | 267 | 32  | 32  | 22 | 14 | 37  | 4.4   |
| YD086-085 | 8.50  | 8.50  | 78                     | 250 | 326 | 38  | 40  | 30 | 14 | 54  | 7.6   |
| YD086-100 | 10.00 | 10.00 | 106                    | 310 | 410 | 50  | 42  | 38 | 25 | 54  | 19.5  |
| YD086-150 | 15.00 | 15.00 | 119                    | 320 | 440 | 60  | 48  | 38 | 25 | 57  | 21.7  |
| YD086-250 | 25.00 | 25.00 | 137                    | 405 | 535 | 65  | 62  | 50 | 30 | 70  | 39.5  |
| YD086-350 | 35.00 | 35.00 | 154                    | 415 | 545 | 65  | 62  | 50 | 33 | 70  | 46.2  |
| YD086-600 | 60.00 | 60.00 | 270                    | 670 | 890 | 110 | 100 | 80 | 75 | 120 | 352.0 |

★ Safety factor 4:1.



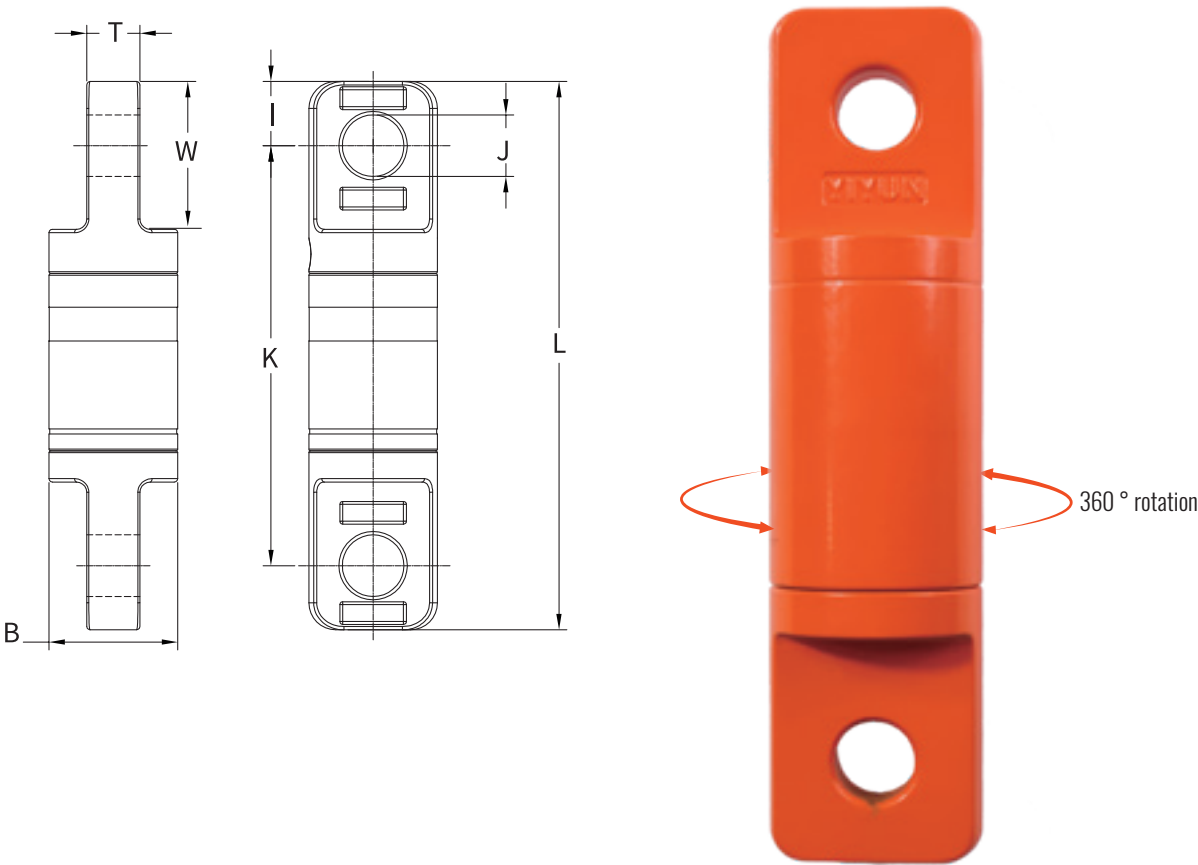
Angular Contat Bearing Swivels-Style

| ITEM NO   | SIZE  | WLL/T | Technical Parameter    mm |     |     |    |    |    |    | Kg   |
|-----------|-------|-------|---------------------------|-----|-----|----|----|----|----|------|
|           |       |       | B                         | K   | L   | C  | A  | D  | H  |      |
| YD087-007 | 0.75  | 0.75  | 34                        | 107 | 131 | 12 | 15 | 10 | 22 | 0.5  |
| YD087-015 | 1.50  | 1.50  | 40                        | 119 | 151 | 16 | 18 | 12 | 26 | 0.8  |
| YD087-030 | 3.00  | 3.00  | 53                        | 160 | 210 | 25 | 23 | 16 | 32 | 2.0  |
| YD087-050 | 5.00  | 5.00  | 67                        | 205 | 267 | 31 | 32 | 22 | 37 | 3.9  |
| YD087-085 | 8.50  | 8.50  | 78                        | 246 | 316 | 35 | 37 | 24 | 50 | 6.7  |
| YD087-100 | 10.00 | 10.00 | 106                       | 316 | 408 | 46 | 42 | 38 | 53 | 18.6 |
| YD087-150 | 15.00 | 15.00 | 119                       | 330 | 426 | 48 | 48 | 38 | 56 | 19.9 |
| YD087-250 | 25.00 | 25.00 | 137                       | 403 | 525 | 61 | 62 | 50 | 69 | 36.5 |
| YD087-350 | 35.00 | 35.00 | 154                       | 423 | 545 | 61 | 62 | 50 | 69 | 47.6 |

★ Safety factor 4:1.



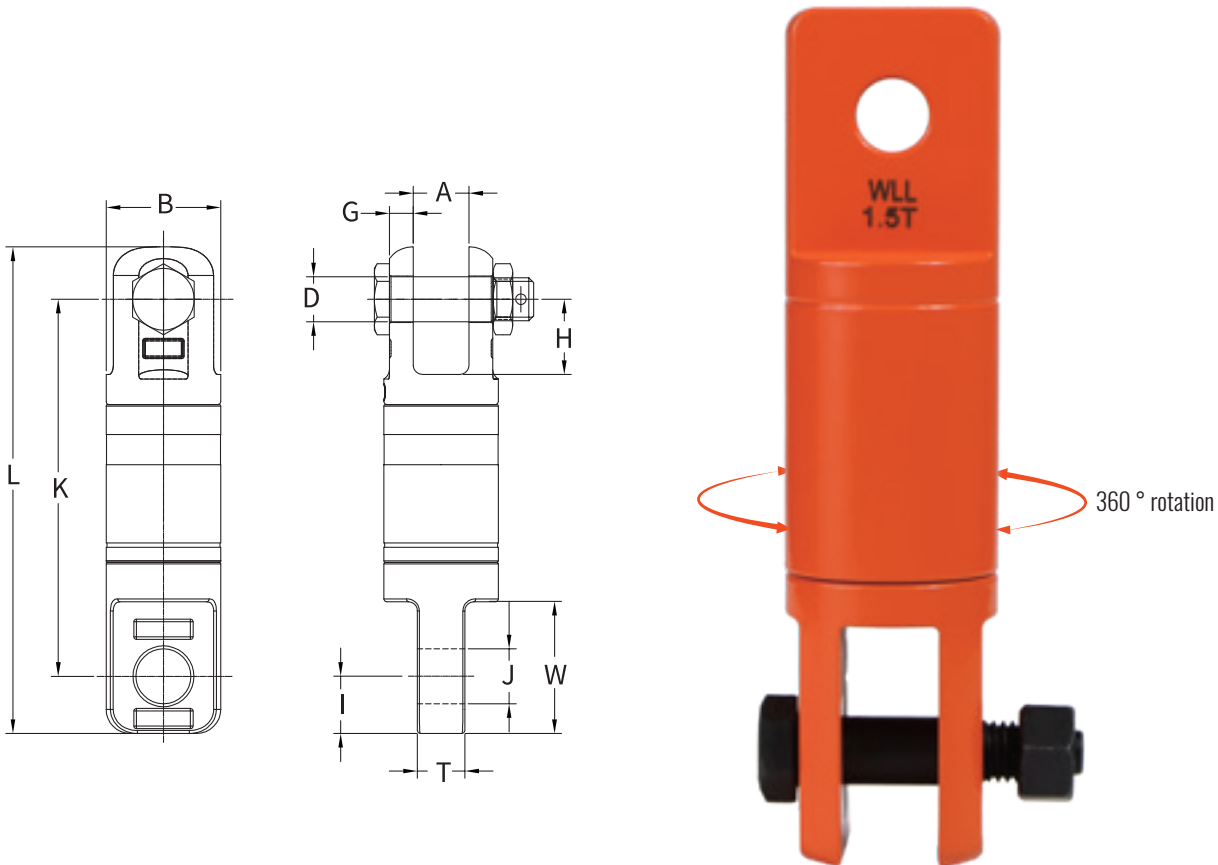




Angular Contat Bearing Swivels-00

| ITEM NO   | SIZE  | WLL/T | Technical Parameter mm |     |     |     |    |      |     | Kg    |
|-----------|-------|-------|------------------------|-----|-----|-----|----|------|-----|-------|
|           |       |       | B                      | K   | L   | I   | T  | J    | W   |       |
| YD088-007 | 0.75  | 0.75  | 34                     | 107 | 133 | 13  | 12 | 10.5 | 35  | 0.5   |
| YD088-015 | 1.50  | 1.50  | 40                     | 119 | 159 | 20  | 15 | 13.5 | 46  | 0.9   |
| YD088-030 | 3.00  | 3.00  | 53                     | 160 | 210 | 25  | 20 | 20.0 | 57  | 2.1   |
| YD088-050 | 5.00  | 5.00  | 67                     | 203 | 267 | 32  | 26 | 33.0 | 69  | 4.3   |
| YD088-085 | 8.50  | 8.50  | 78                     | 250 | 326 | 38  | 32 | 37.0 | 92  | 7.3   |
| YD088-100 | 10.00 | 10.00 | 106                    | 310 | 410 | 50  | 42 | 44.0 | 104 | 17.0  |
| YD088-150 | 15.00 | 15.00 | 119                    | 320 | 440 | 60  | 49 | 54.0 | 117 | 21.2  |
| YD088-250 | 25.00 | 25.00 | 137                    | 405 | 545 | 70  | 60 | 66.0 | 140 | 39.0  |
| YD088-350 | 35.00 | 35.00 | 154                    | 415 | 555 | 70  | 60 | 66.0 | 140 | 45.8  |
| YD088-600 | 60.00 | 60.00 | 270                    | 670 | 890 | 110 | 75 | 80.0 | 230 | 253.0 |

★Safety factor 4:1.



Angular Contat Bearing Swivels-0U

| ITEM NO   | SIZE  | WLL/T | Technical Parameter mm |     |     |     |    |    |     |    |      |     |     | Kg    |
|-----------|-------|-------|------------------------|-----|-----|-----|----|----|-----|----|------|-----|-----|-------|
|           |       |       | B                      | K   | L   | A   | G  | D  | H   | T  | J    | W   | I   |       |
| YD089-007 | 0.75  | 0.75  | 34                     | 107 | 133 | 15  | 6  | 10 | 22  | 12 | 10.5 | 35  | 13  | 0.5   |
| YD089-015 | 1.50  | 1.50  | 40                     | 119 | 159 | 18  | 8  | 13 | 26  | 15 | 13.5 | 46  | 20  | 0.9   |
| YD089-030 | 3.00  | 3.00  | 53                     | 160 | 210 | 23  | 10 | 19 | 32  | 20 | 20.0 | 57  | 25  | 2.2   |
| YD089-050 | 5.00  | 5.00  | 67                     | 203 | 267 | 32  | 14 | 22 | 37  | 26 | 33.0 | 69  | 32  | 4.4   |
| YD089-085 | 8.50  | 8.50  | 78                     | 250 | 326 | 40  | 14 | 30 | 54  | 32 | 37.0 | 92  | 38  | 7.4   |
| YD089-100 | 10.00 | 10.00 | 106                    | 310 | 410 | 42  | 25 | 38 | 54  | 42 | 44.0 | 104 | 50  | 18.0  |
| YD089-150 | 15.00 | 15.00 | 119                    | 320 | 440 | 48  | 25 | 38 | 57  | 49 | 54.0 | 117 | 60  | 21.2  |
| YD089-250 | 25.00 | 25.00 | 137                    | 405 | 540 | 62  | 30 | 50 | 70  | 60 | 66.0 | 140 | 70  | 40.0  |
| YD089-350 | 35.00 | 35.00 | 154                    | 415 | 550 | 62  | 33 | 50 | 70  | 60 | 66.0 | 140 | 70  | 46.7  |
| YD089-600 | 60.00 | 60.00 | 270                    | 670 | 890 | 100 | 75 | 80 | 120 | 75 | 80.0 | 230 | 110 | 302.0 |

★ Safety factor 4:1.





Industry Applications

The Yiyun rotating lifting ring can meet the lifting and hoisting needs of various industries such as industrial production, wind power, energy storage, logistics transportation, energy mining, and construction infrastructure.

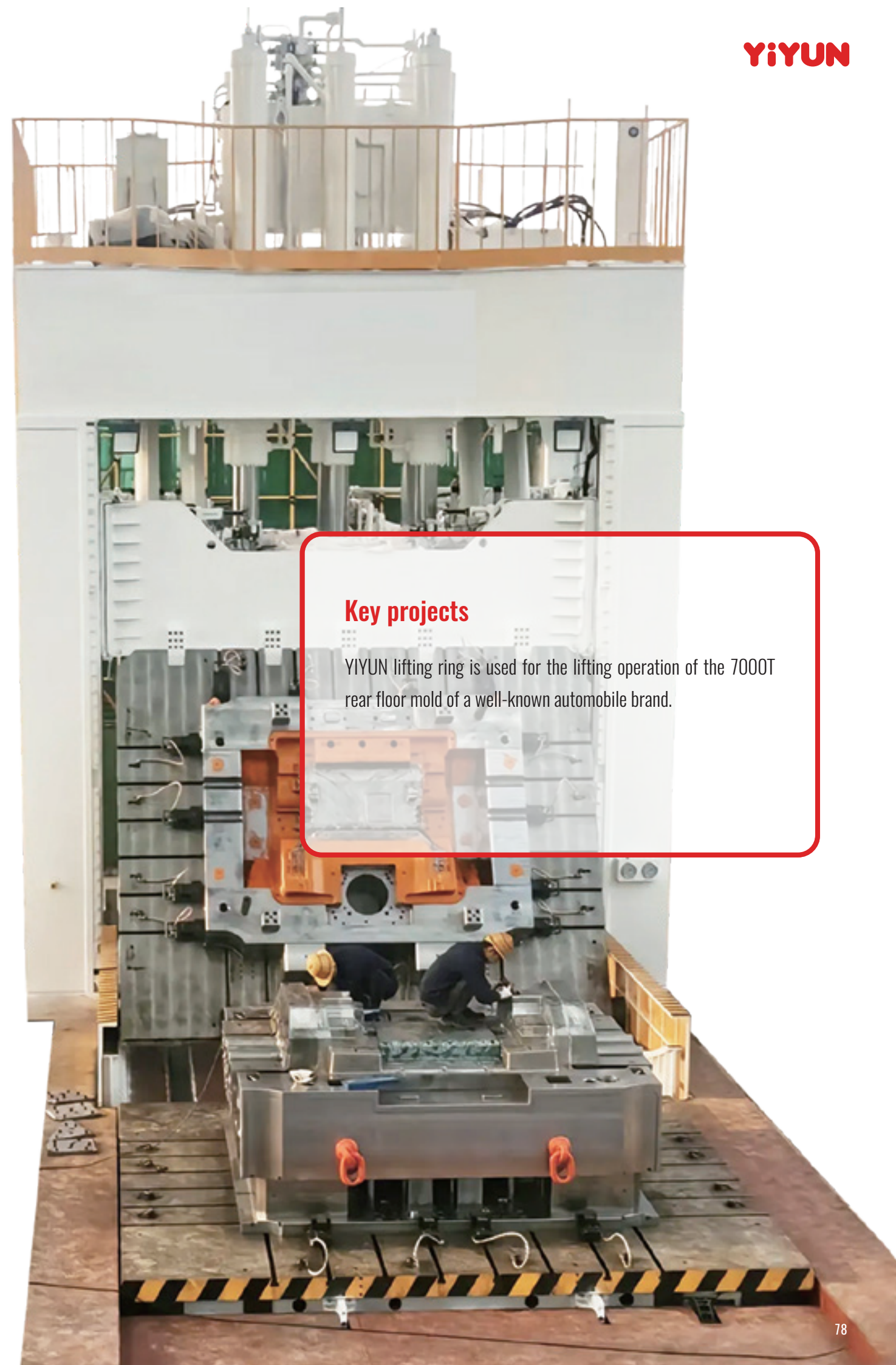
- Suitable for various industries and application scenarios
- High flexibility usability
- High environmental adaptability





### Extreme conditions

YIYUN rotating lifting ring has been applied to offshore drilling platforms and has been recognized by customers for its anti-corrosion performance and durability.



### Key projects

YIYUN lifting ring is used for the lifting operation of the 7000T rear floor mold of a well-known automobile brand.



## Application Cases

