

# YOKE<sup>®</sup>

*Safety is our first priority*<sup>™</sup>

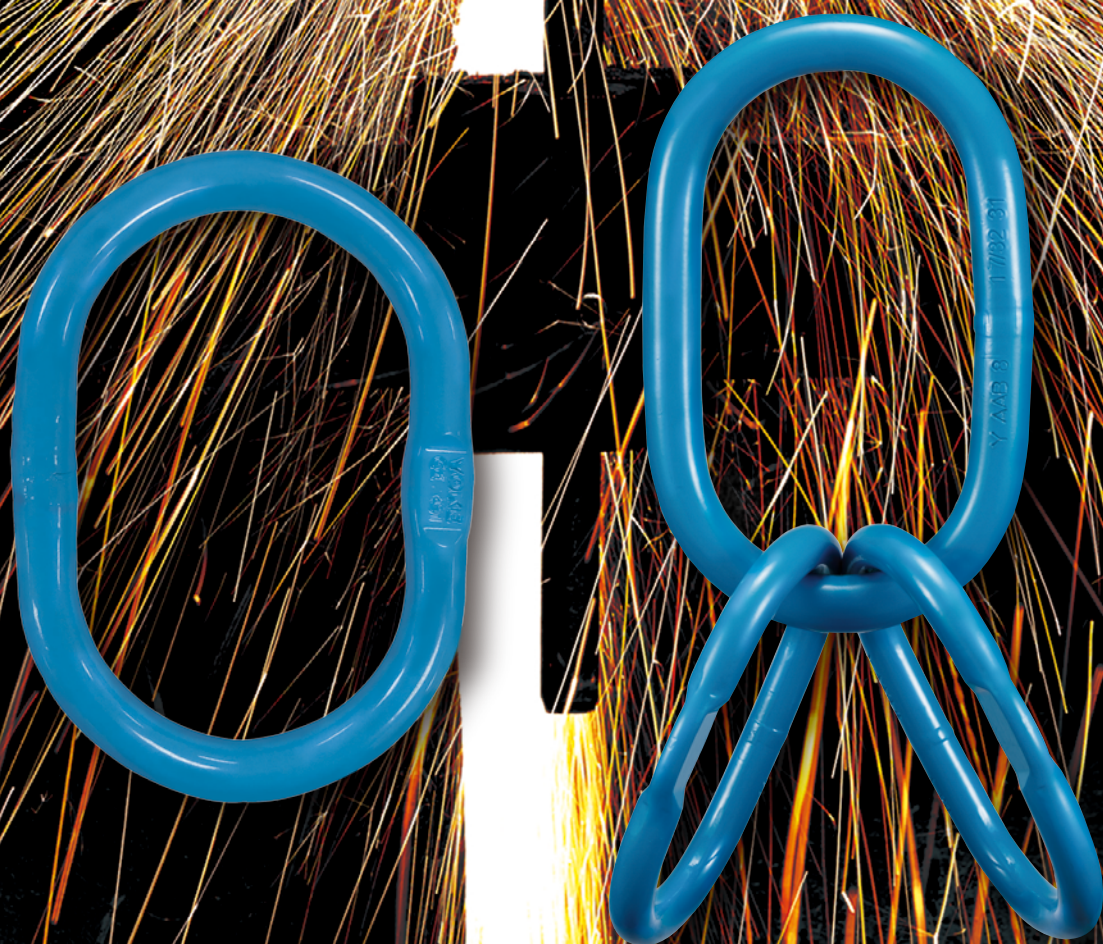
**EXTREME-100**



Catalog No. 8-2018 Extreme-100

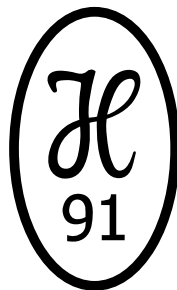


YCKE





**EX**TREME-100



### Quality Management System and Product Type Approval:



<http://www.yoke.net/thirdpartycertificate>



## Quality Control, Testing, and Detecting during manufacturing

YOKE runs a constant and strict production facility with quality control in every manufacturing stage from raw materials to the completed product. YOKE is an ISO 9001 certified company and has Type Approval by the major international authorities from SABS, ZU, ABS, API, and DNV. YOKE has achieved CNLA certification - Chinese National Laboratory Accreditation which ensures a quality research and development (R&D) department and unsurpassed product engineering.

### ■ **Magnaflux Crack Detection:**

All forged components, each individually magnaflux detected after heat treatment.

### ■ **Proof Load Testing:**

Chain and components are proof load tested at 2.5 times the Working Load Limits with resultant permanent deformation within 1%.

### ■ **Dynamic Fatigue Testing:**

Batch samples of chain and components are Dynamic Fatigue Tested at 1.5 times Working Load Limit for 20,000 cycles.

### ■ **Ultimate Breaking Load Testing:**

Batch samples are Break Load Tested in a static tensile testing machine to ultimate failure. The minimum ultimate force is equal to the Working Load Limit times the safety factor.

### ■ **Spectrographic Analysis:**

To assure of the proper metallurgy content of all raw materials.

### ■ **Eddy Current Detection:**

All load pins are 100% individually inspected after heat treatment.



**DANGER:** Overhead lifting presents a very real danger of severe injury or loss of life if lifting equipment is not used properly. Please read and understand all of these instructions prior to using any lifting sling or sling assembly. Sling should only be used by qualified persons who are responsible for the sling selection, inspection and use.

## Grade 100 Chain Sling Components

### WORKING LOAD LIMITS IN TONNES acc. to PAS 1061

| <b>Load Factor</b>       | 1             | 1.4                                                               | 1                               | 2.1                                                               | 1.5                             | 1.6  |
|--------------------------|---------------|-------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------|---------------------------------|------|
| <b>For Chain Size mm</b> | <b>tonnes</b> | <b><math>\beta</math> 0 - 45°<br/><math>\alpha</math> 0 - 90°</b> | <b>45° - 60°<br/>90° - 120°</b> | <b><math>\beta</math> 0 - 45°<br/><math>\alpha</math> 0 - 90°</b> | <b>45° - 60°<br/>90° - 120°</b> |      |
| 6                        | 1.4           | 2.0                                                               | 1.4                             | 2.9                                                               | 2.1                             | 2.2  |
| 7                        | 1.9           | 2.7                                                               | 1.9                             | 4.0                                                               | 2.9                             | 3.0  |
| 8                        | 2.5           | 3.5                                                               | 2.5                             | 5.3                                                               | 3.8                             | 4.0  |
| 10                       | 4.0           | 5.6                                                               | 4.0                             | 8.4                                                               | 6.0                             | 6.4  |
| 13                       | 6.7           | 9.4                                                               | 6.7                             | 14.1                                                              | 10.1                            | 10.7 |
| 16                       | 10.0          | 14.0                                                              | 10.0                            | 21.0                                                              | 15.0                            | 16.0 |
| 20                       | 16.0          | 22.4                                                              | 16.0                            | 33.6                                                              | 24.0                            | 25.6 |
| 22                       | 19.0          | 26.5                                                              | 19.0                            | 39.9                                                              | 28.5                            | 30.4 |
| 26                       | 26.5          | 37.1                                                              | 26.5                            | 55.7                                                              | 39.8                            | 42.4 |
| 32                       | 40.0          | 56.0                                                              | 40.0                            | 84.0                                                              | 60.0                            | 64.0 |

\*\*Safety factor 4:1 above limits are valid for standard use and equally loaded slings. Properly use and maintenance of your YOKE chain slings will give long life and enable you to carry out your lifting operations efficiently and safely.

**Warning: Never exceed a vertical sling angle of 60°**



## SAFE USE

- Never load in excess of the rated capacity for the application.
- Keep a record of all slings in use.
- User should remove all twists from a chain leg before lifting and, should never knot a chain.
- Always use YOKE shortening hook or clutch when chain slings should be shortened.
- Always inspect to insure that chain is free from damage or wear before use.
- Always inspect all sling components prior to each use.
- Ensure that chain is protected from any sharp corners on the load.
- Ensure that the master link articulates freely on the hook of the crane or other lifting appliance.
- Never tip load hooks. The load should always be supported correctly in the bowl of the hook.
- Always use the correct size sling for the load, allowing for the included angle and the possibility of unequal loading.
- Personnel must keep all body parts from between the sling and the load, and from between the sling and the crane/hoist hook. Persons shall never ride the chain sling/rope sling or web sling or the load during lifting or while suspended. Persons must stand clear of all loads while lifting or while suspended. During lifting, with or without the load, personnel must be alert for possible snagging of the load or the chain sling.

## MAINTENANCE

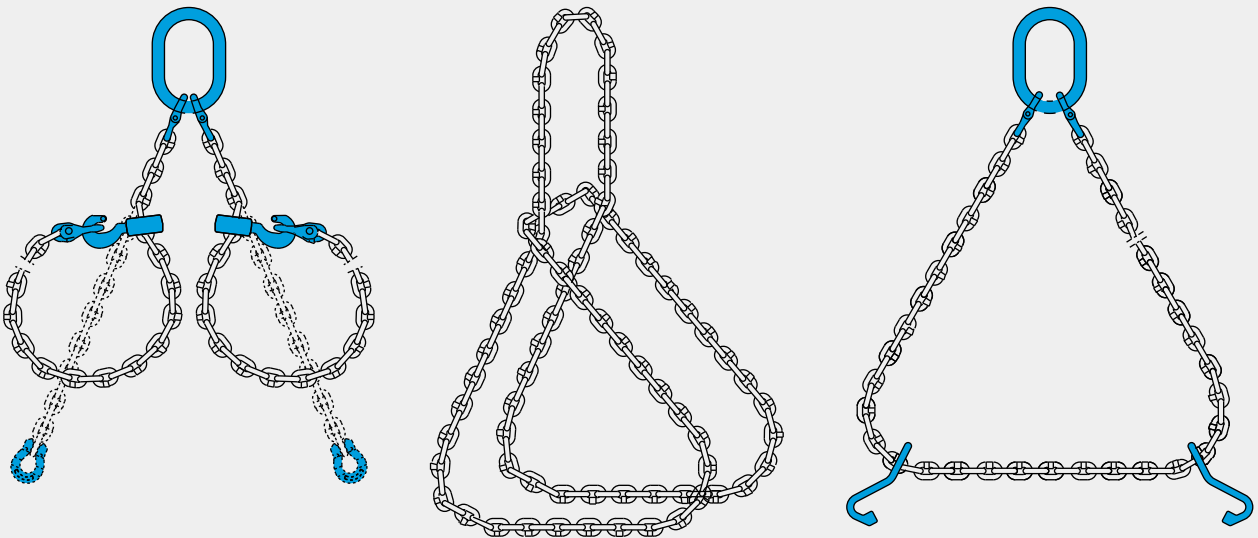
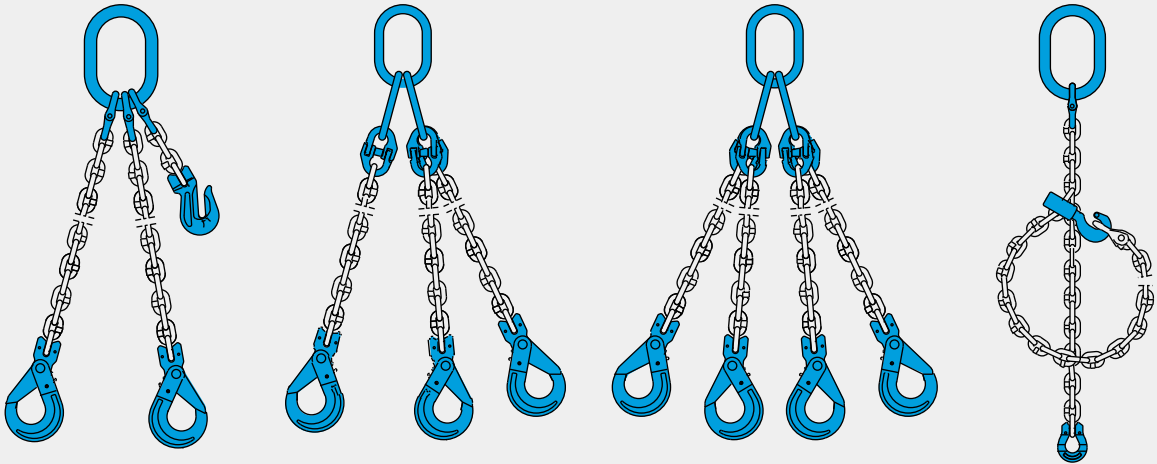
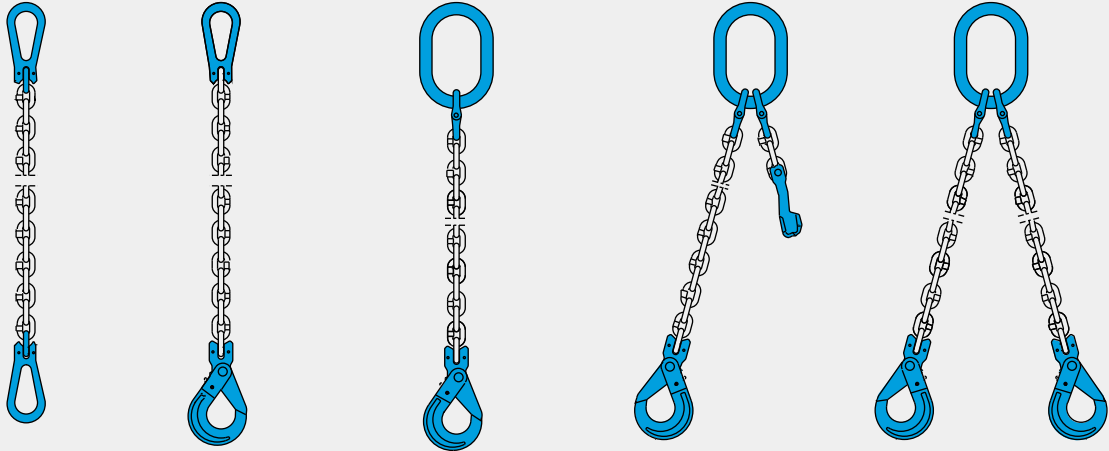
- A thorough examination should be carried out by a competent person at intervals at least every year or more frequently according to statutory regulations, type of use and past records.
- Chains with bent links or with cracks or gouges in the link should be replaced , as should deformed components such as bent master links , deformed hooks and any fittings showing signs of damage.
- Chain and components wear should never exceed 10%of the original dimensions.
- Once a chain sling has been overloaded it must be taken out of service.
- Store chain slings on a properly designed rack. They should not be left lying on the floor where they may suffer mechanical or corrosion damage or may be lost.

## LIMITATION ON USE

- YOKE alloy chain or chain slings should not be used in acid or caustic solutions nor in heavily acidic or caustic laden atmospheres. The high tensile strength of the heat treated alloy material in alloy steel chains and components is susceptible to hydrogen embrittlement when exposed to acids.
- YOKE slings must not be heat-treated, galvanized, plated, coated or subject to any process involving heating or pickling. Each of these processes can have dangerous effects and will invalidate the manufacturer certificate.
- YOKE slings may be used at temperatures between -40°C to 200°C with no reduction in the working load limit . The use of YOKE chain slings within the permissible temperature range in the table below does not require any permanent reduction in working load limit when the chain sling is returned to normal temperatures. A sling accidentally exposed to temperatures in excess of the maximum permissible should be withdrawn form service immediately and returned to the distributor for thorough examination.
- When using YOKE slings in exceptionally hazardous conditions, the degree of hazard should be assessed by a competent person and the Working Load Limit adjusted accordingly. Examples are lifting of potentially dangerous loads such as molten metals, corrosive materials or fissile material and including certain offshore activities.

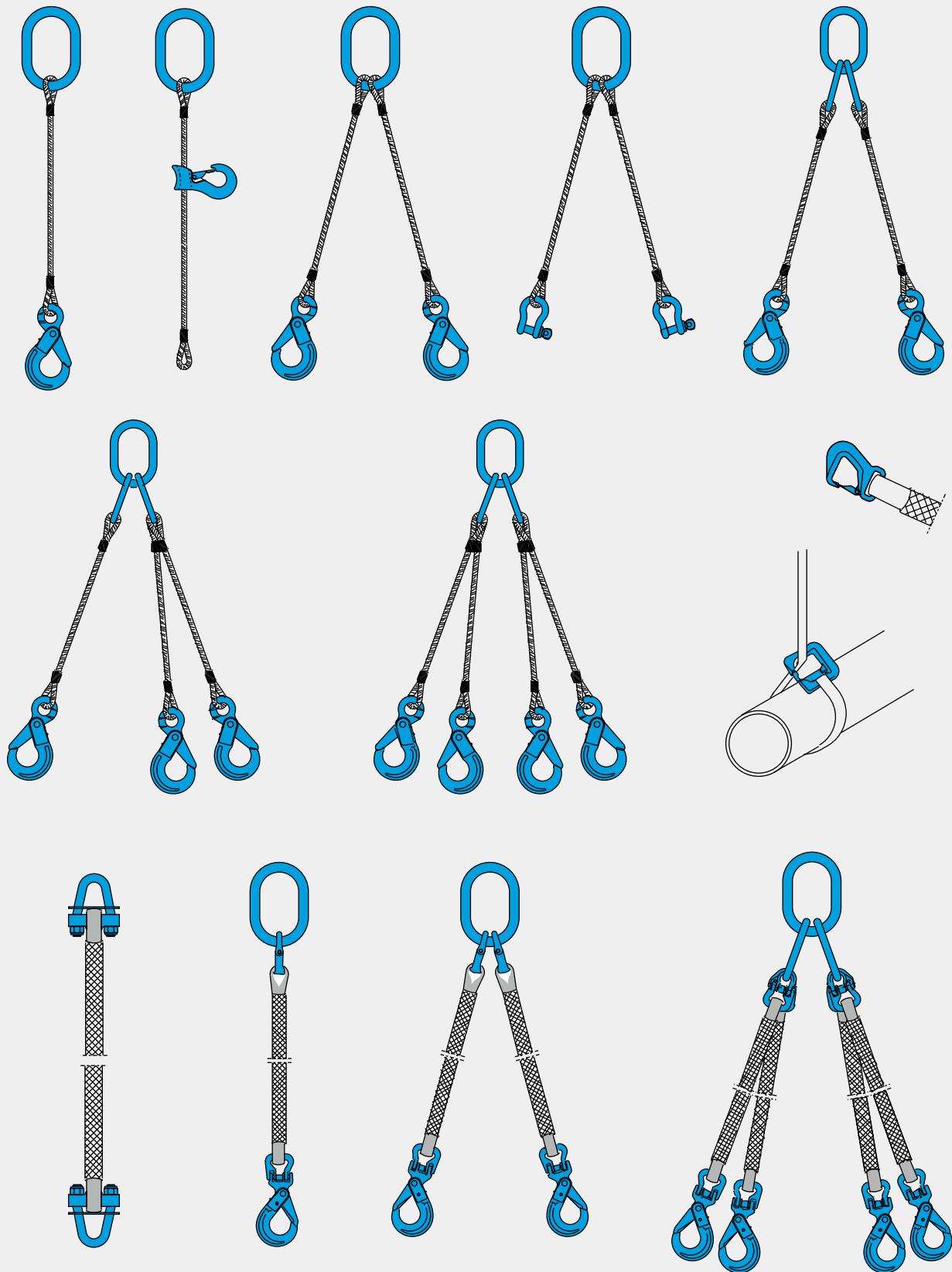
| Sling temperature (F) | Sling temperature (C) | Reduction in Working Load Limit |
|-----------------------|-----------------------|---------------------------------|
| -40°F to 400°F        | -40°C to 200°C        | None                            |
| 400°F to 550°F        | 200°C to 300°C        | 10%                             |
| 550°F to 750°F        | 300°C to 400°C        | 25%                             |
| Above 750°F           | Above 400°C           | Do not use.                     |

## Examples Of Chain Slings

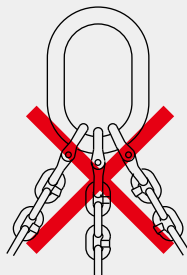
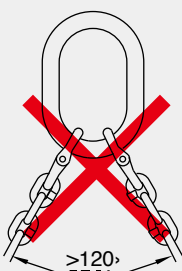
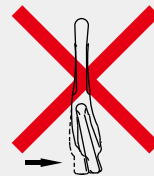
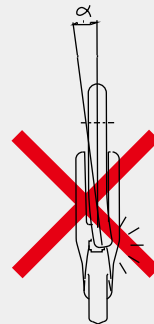
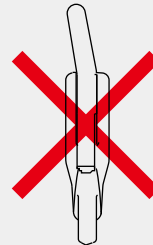
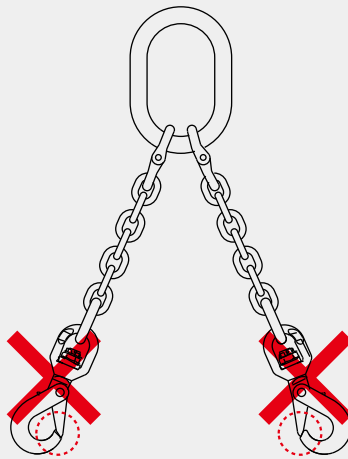
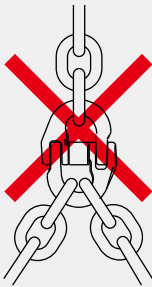
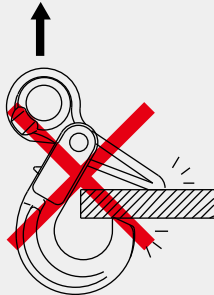
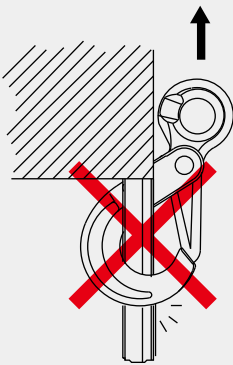
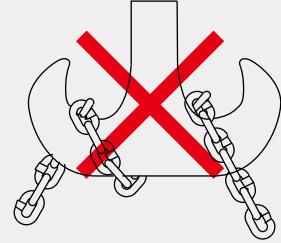
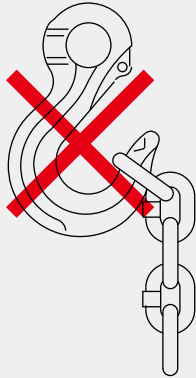


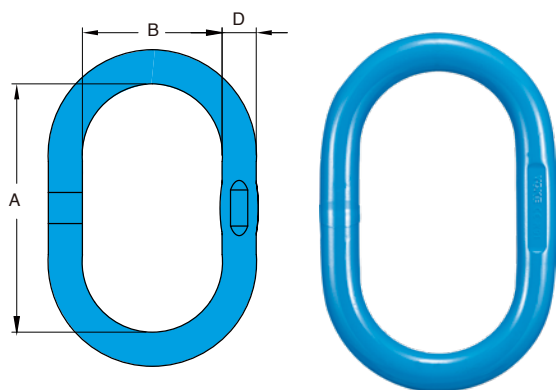


## Examples Of Wire Rope Sling & Web Sling



## Incorrect Use





- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Certified by DGUV GS-OA-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 5:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 1-2 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.



## X-001 Welded Master Link

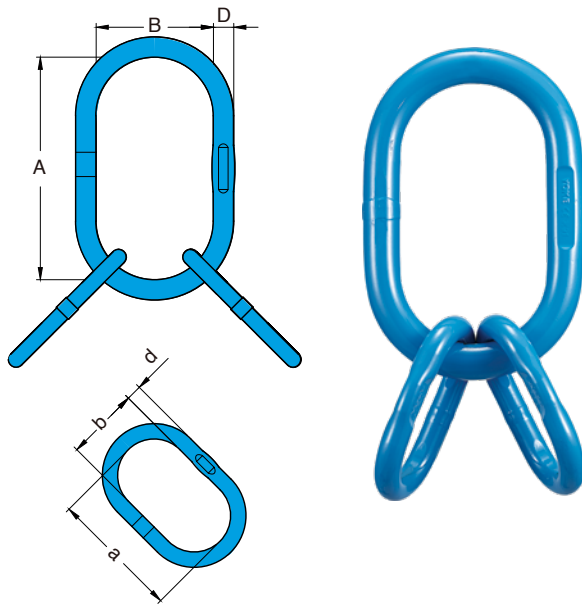
| Item No.  | Code No. | For Grade 100 Chain (mm) |       | WLL<br>β 0-45°<br>tonnes | Proof Load<br>kN | Used to single hook<br>according to DIN<br>15401 No. | Dimensions (mm) |     |     | N.W.<br>kg |
|-----------|----------|--------------------------|-------|--------------------------|------------------|------------------------------------------------------|-----------------|-----|-----|------------|
|           |          | 1-leg                    | 2-leg |                          |                  |                                                      | D               | A   | B   |            |
| X-001-13  | AD-13    | 6,7,8                    | 6     | 2.8                      | 69               | 2.5                                                  | 13              | 120 | 60  | 0.4        |
| X-001-16  | AD-16    | 10                       | 7,8   | 4                        | 98               | 6                                                    | 16              | 160 | 90  | 0.7        |
| X-001-19  | AD-19    | 13                       | 10    | 6.7                      | 164              | 6                                                    | 19              | 160 | 90  | 1.1        |
| X-001-22  | AD-22    | 13                       | 10    | 8.9                      | 208              | 8                                                    | 22              | 180 | 100 | 1.6        |
| X-001-25  | AD-25    | 16                       | 13    | 11.5                     | 282              | 10                                                   | 25              | 210 | 115 | 2.4        |
| X-001-251 | AD-251   | 16                       | 13    | 11.5                     | 282              | 16                                                   | 25              | 275 | 145 | 3.1        |
| X-001-28  | AD-28    | 16                       | 13    | 13                       | 319              | 16                                                   | 28              | 275 | 145 | 3.9        |
| X-001-281 | AD-281   | 16                       | 13    | 13                       | 319              | 8                                                    | 28              | 190 | 100 | 2.8        |
| X-001-32  | AD-32    | 20                       | 16    | 17.1                     | 417              | 16                                                   | 32              | 275 | 145 | 5.1        |
| X-001-36  | AD-36    | 26                       | 22    | 24                       | 588              | 20                                                   | 36              | 285 | 155 | 6.9        |
| X-001-40  | AD-40    | 26                       | 22    | 28.1                     | 688              | 20                                                   | 40              | 300 | 160 | 8.9        |
| X-001-45  | AD-45    | 26                       | 26    | 38.3                     | 938              | 25                                                   | 45              | 340 | 180 | 12.8       |
| X-001-50  | AD-50    | 32                       | 26    | 45                       | 1103             | 32                                                   | 50              | 350 | 195 | 16.6       |
| X-001-60  | AD-60    | -                        | -     | 65                       | 1593             | 32                                                   | 60              | 430 | 230 | 29.1       |
| X-001-70  | AD-70    | -                        | -     | 85                       | 2083             | 50                                                   | 70              | 480 | 260 | 44.6       |
| X-001-90  | AD-90    | -                        | -     | 150                      | 3675             | 50                                                   | 90              | 500 | 300 | 81.1       |

Sub-links SPEC for X-007. Items in grey area are not for sale individually.

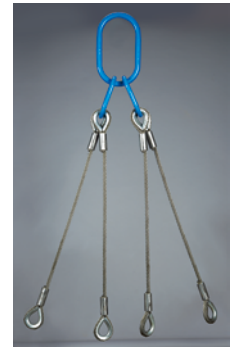
|           |        |    |     |      |      |   |    |     |     |      |
|-----------|--------|----|-----|------|------|---|----|-----|-----|------|
| X-001-161 | AD-161 | 10 | 7,8 | 4    | 98   | - | 16 | 140 | 70  | 0.6  |
| X-001-361 | AD-361 | 22 | 20  | 24   | 588  | - | 36 | 275 | 145 | 6.6  |
| X-001-401 | AD-401 | 26 | 22  | 28.1 | 688  | - | 40 | 260 | 130 | 7.8  |
| X-001-601 | AD-601 | 32 | 32  | 65   | 1593 | - | 60 | 410 | 220 | 27.9 |
| X-001-701 | AD-701 | -  | -   | 85   | 2083 | - | 70 | 400 | 200 | 37.7 |

★ Design factor 5:1 proof tested and certified.





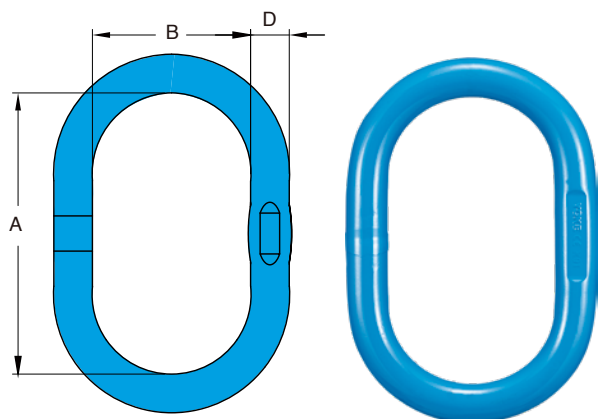
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Certified by DGUV GS-OA-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 5:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 3-4 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.



## X-007 Welded Master Link Assembly

| Item No.        | Assembled with  | For                                    | WLL<br>β 0-45°<br>tonnes | Proof<br>Load<br>kN | Used to single<br>hook according<br>to DIN 15401 No. | Dimensions (mm) |     |     |    |     |     | N.W.<br>kg |
|-----------------|-----------------|----------------------------------------|--------------------------|---------------------|------------------------------------------------------|-----------------|-----|-----|----|-----|-----|------------|
|                 |                 | Grade 100<br>Chain (mm)<br>3 and 4-leg |                          |                     |                                                      | D               | A   | B   | d  | a   | b   |            |
| <b>X-007-19</b> | AD-19 +2 AD-161 | 7,8                                    | 5.3                      | 130                 | 6                                                    | 19              | 160 | 90  | 16 | 140 | 70  | 2.4        |
| <b>X-007-25</b> | AD-251+2 AD-19  | 10                                     | 8.9                      | 218                 | 16                                                   | 25              | 275 | 145 | 19 | 160 | 90  | 5.2        |
| <b>X-007-28</b> | AD-28 +2 AD-22  | 10                                     | 12.9                     | 316                 | 16                                                   | 28              | 275 | 145 | 22 | 180 | 100 | 7.1        |
| <b>X-007-32</b> | AD-32 +2 AD-25  | 13                                     | 17                       | 417                 | 16                                                   | 32              | 275 | 145 | 25 | 210 | 115 | 10.0       |
| <b>X-007-36</b> | AD-361+2 AD-281 | 16                                     | 23.6                     | 578                 | 16                                                   | 36              | 275 | 145 | 28 | 190 | 100 | 12.2       |
| <b>X-007-40</b> | AD-40 +2 AD-32  | 16                                     | 28.1                     | 688                 | 20                                                   | 40              | 300 | 160 | 32 | 275 | 145 | 19.2       |
| <b>X-007-45</b> | AD-45 +2 AD-36  | 20                                     | 38.3                     | 938                 | 25                                                   | 45              | 340 | 180 | 36 | 285 | 155 | 26.5       |
| <b>X-007-50</b> | AD-50 +2 AD-401 | 22                                     | 45                       | 1103                | 32                                                   | 50              | 350 | 195 | 40 | 260 | 130 | 32.3       |
| <b>X-007-60</b> | AD-60 +2 AD-50  | 26                                     | 65                       | 1593                | 32                                                   | 60              | 430 | 230 | 50 | 350 | 195 | 62.3       |
| <b>X-007-70</b> | AD-70 +2 AD-601 | 32                                     | 85                       | 2083                | 50                                                   | 70              | 480 | 260 | 60 | 410 | 220 | 100.4      |
| <b>X-007-90</b> | AD-90 +2 AD-701 | -                                      | 150                      | 3675                | 50                                                   | 90              | 500 | 300 | 70 | 400 | 200 | 156.4      |

★ Design factor 5:1 proof tested and certified.

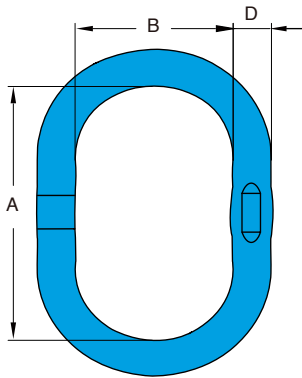


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 1-2 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-002 Welded Master Link

| Item No. | Code No. | For Grade 100 Chain (mm) |       | WLL<br>β 0-45°<br>tonnes | Proof Load<br>kN | Used to single hook according to DIN 15401 No. | Dimensions (mm) |     |     | N.W.<br>kg |
|----------|----------|--------------------------|-------|--------------------------|------------------|------------------------------------------------|-----------------|-----|-----|------------|
|          |          | 1-leg                    | 2-leg |                          |                  |                                                | D               | A   | B   |            |
| X-002-13 | BD-13    | 7,8                      | 6     | 2.8                      | 69               | 2.5                                            | 13              | 110 | 60  | 0.3        |
| X-002-16 | BD-16    | 10                       | 7,8   | 4                        | 98               | 2.5                                            | 16              | 110 | 60  | 0.5        |
| X-002-19 | BD-19    | 13                       | 10    | 6.7                      | 164              | 5                                              | 19              | 135 | 75  | 0.9        |
| X-002-22 | BD-22    | 13                       | 10    | 8.5                      | 208              | 6                                              | 22              | 160 | 90  | 1.5        |
| X-002-28 | BD-28    | 16                       | 13    | 11.5                     | 282              | 8                                              | 28              | 180 | 100 | 2.7        |
| X-002-32 | BD-32    | 20                       | 16    | 17                       | 417              | 10                                             | 32              | 200 | 110 | 3.9        |
| X-002-36 | BD-36    | 22                       | 20    | 25.1                     | 615              | 16                                             | 36              | 260 | 140 | 6.3        |
| X-002-45 | BD-45    | 26                       | 22    | 38.3                     | 938              | 25                                             | 45              | 300 | 180 | 11.8       |
| X-002-50 | BD-50    | 32                       | 26    | 45                       | 1103             | 32                                             | 50              | 300 | 200 | 15.2       |
| X-002-60 | BD-60    | -                        | 32    | 64                       | 1568             | 32                                             | 60              | 400 | 200 | 27.0       |
| X-002-70 | BD-70    | -                        | -     | 85                       | 2083             | 50                                             | 70              | 460 | 250 | 43.0       |

★ Design factor 4:1 proof tested and certified.



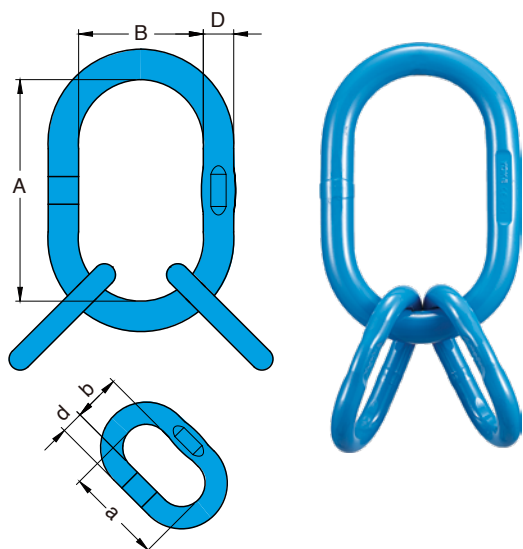
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 1-2 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-002W Welded Master Link

| Item No.  | Code No. | For<br>Grade 100<br>Chain (mm) |       | WLL<br>β 0-45°<br>tonnes | Proof<br>Load<br>kN | Used to single<br>hook according to<br>DIN 15401 No. | Dimensions (mm) |     |     | N.W.<br>kg |
|-----------|----------|--------------------------------|-------|--------------------------|---------------------|------------------------------------------------------|-----------------|-----|-----|------------|
|           |          | 1-leg                          | 2-leg |                          |                     |                                                      | D               | A   | B   |            |
| X-002W-13 | CD-13    | 7,8                            | 6     | 2.8                      | 69                  | 4                                                    | 13              | 120 | 70  | 0.4        |
| X-002W-16 | CD-16    | 10                             | 7,8   | 4                        | 98                  | 5                                                    | 16              | 140 | 80  | 0.7        |
| X-002W-19 | CD-19    | 13                             | 10    | 6.7                      | 164                 | 6                                                    | 19              | 160 | 95  | 1.1        |
| X-002W-22 | CD-22    | 13                             | 10    | 8.5                      | 208                 | 10                                                   | 22              | 170 | 105 | 1.6        |
| X-002W-28 | CD-28    | 16                             | 13    | 11.5                     | 282                 | 10                                                   | 28              | 190 | 110 | 2.9        |
| X-002W-32 | CD-32    | 20                             | 16    | 17                       | 417                 | 12                                                   | 32              | 230 | 130 | 4.5        |
| X-002W-36 | CD-36    | 22                             | 20    | 25.1                     | 615                 | 20                                                   | 36              | 275 | 150 | 6.7        |
| X-002W-60 | CD-60    | -                              | 32    | 64                       | 1568                | 50                                                   | 60              | 350 | 250 | 26.0       |

★ Design factor 4:1 proof tested and certified.



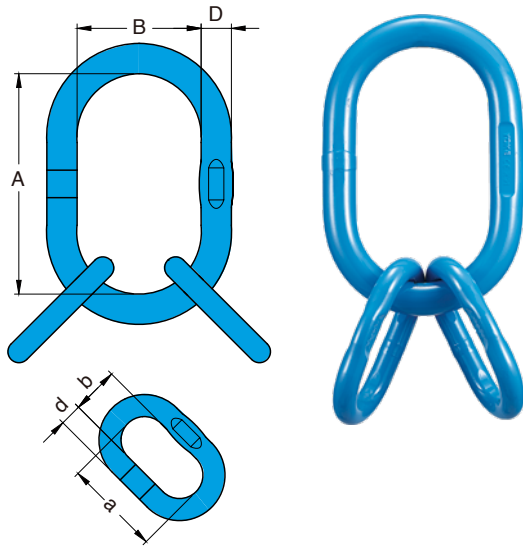


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 3-4 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-006 Welded Master Link Assembly

| Item No.         | Assembled with | For                                    | WLL<br>β 0-45°<br>tonnes | Proof<br>Load<br>kN | Used to single<br>hook according<br>to DIN 15401 No. | Dimensions (mm) |     |     |    |     |     | N.W.<br>kg |
|------------------|----------------|----------------------------------------|--------------------------|---------------------|------------------------------------------------------|-----------------|-----|-----|----|-----|-----|------------|
|                  |                | Grade 100<br>Chain (mm)<br>3 and 4-leg |                          |                     |                                                      | D               | A   | B   | d  | a   | b   |            |
| <b>X-006-19</b>  | BD-19 +2 DD-13 | 6                                      | 4.2                      | 103                 | 5                                                    | 19              | 135 | 75  | 13 | 54  | 25  | 1.3        |
| <b>X-006-22</b>  | BD-22 +2 DD-16 | 7,8                                    | 8.2                      | 201                 | 6                                                    | 22              | 160 | 90  | 16 | 70  | 34  | 2.2        |
| <b>X-006-28</b>  | BD-28 +2 DD-19 | 10                                     | 10.7                     | 262                 | 8                                                    | 28              | 180 | 100 | 19 | 85  | 40  | 3.9        |
| <b>X-006-32</b>  | BD-32 +2 DD-22 | 13                                     | 15.7                     | 385                 | 10                                                   | 32              | 200 | 110 | 22 | 115 | 50  | 6.1        |
| <b>X-006-36</b>  | BD-36 +2 DD-28 | 16                                     | 22.2                     | 544                 | 16                                                   | 36              | 260 | 140 | 28 | 140 | 65  | 10.6       |
| <b>X-006-50</b>  | BD-50 +2 DD-32 | 20                                     | 34.1                     | 835                 | 32                                                   | 50              | 300 | 200 | 32 | 150 | 70  | 21.2       |
| <b>X-006-501</b> | BD-50 +2 DD-36 | 22                                     | 40                       | 980                 | 32                                                   | 50              | 300 | 200 | 36 | 170 | 75  | 23.8       |
| <b>X-006-60</b>  | BD-60 +2 DD-45 | 26                                     | 56                       | 1372                | 32                                                   | 60              | 400 | 200 | 45 | 170 | 80  | 41.3       |
| <b>X-006-70</b>  | BD-70 +2 DD-50 | 32                                     | 85                       | 2083                | 50                                                   | 70              | 460 | 250 | 50 | 200 | 100 | 63.7       |

★ Design factor 4:1 proof tested and certified.

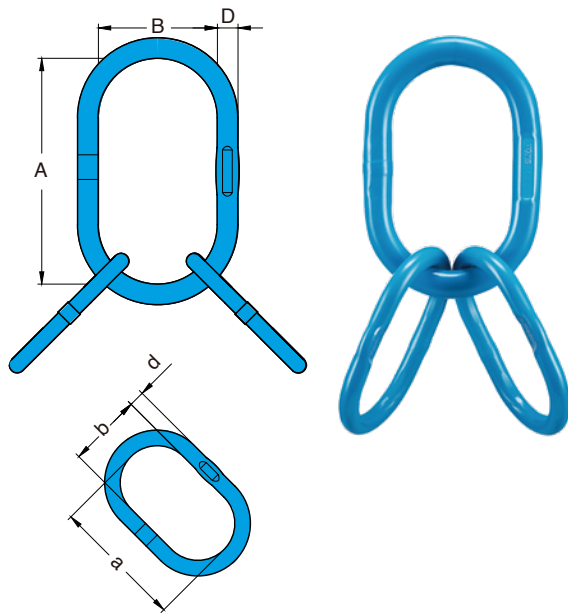


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 3-4 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-006W Welded Master Link Assembly

| Item No.          | Assembled with | For<br>Grade 100<br>Chain (mm) | WLL<br>β 0-45°<br>tonnes | Proof<br>Load<br>kN | Used to single<br>hook according<br>to DIN 15401 No. | Dimensions (mm) |     |     |    |     |    | N.W. |
|-------------------|----------------|--------------------------------|--------------------------|---------------------|------------------------------------------------------|-----------------|-----|-----|----|-----|----|------|
|                   |                | 3 and 4-leg                    |                          |                     |                                                      | D               | A   | B   | d  | a   | b  | kg   |
| <b>X-006W-19</b>  | CD-19 +2 DD-13 | 6                              | 4.2                      | 103                 | 6                                                    | 19              | 160 | 95  | 13 | 54  | 25 | 1.5  |
| <b>X-006W-22</b>  | CD-22 +2 DD-16 | 7,8                            | 8.2                      | 201                 | 10                                                   | 22              | 170 | 105 | 16 | 70  | 34 | 2.3  |
| <b>X-006W-28</b>  | CD-28 +2 DD-19 | 10                             | 10.7                     | 262                 | 10                                                   | 28              | 190 | 110 | 19 | 85  | 40 | 4.1  |
| <b>X-006W-32</b>  | CD-32 +2 DD-22 | 13                             | 15.7                     | 385                 | 12                                                   | 32              | 230 | 130 | 22 | 115 | 50 | 6.6  |
| <b>X-006W-36</b>  | CD-36 +2 DD-28 | 16                             | 22.2                     | 544                 | 20                                                   | 36              | 275 | 150 | 28 | 140 | 65 | 10.9 |
| <b>X-006W-60</b>  | CD-60 +2 DD-32 | 20                             | 34.1                     | 835                 | 50                                                   | 60              | 350 | 250 | 32 | 150 | 70 | 32.1 |
| <b>X-006W-601</b> | CD-60 +2 DD-36 | 22                             | 40                       | 980                 | 50                                                   | 60              | 350 | 250 | 36 | 170 | 75 | 34.6 |

★ Design factor 4:1 proof tested and certified.

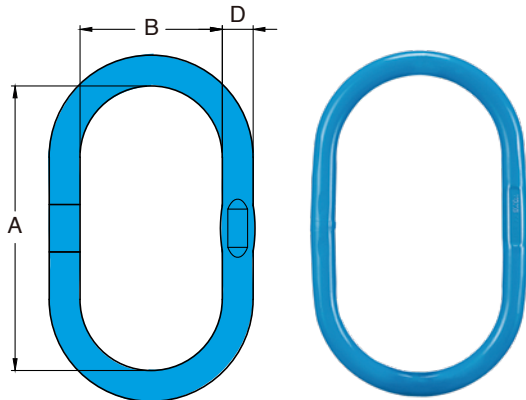


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 3-4 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-006L Welded Master Link Assembly

| Item No.  | Assembled with | For<br>Grade 100<br>Chain (mm) | WLL<br>β 0-45° | Proof<br>Load<br>kN | Used to single<br>hook according<br>to DIN 15401 No. | Dimensions (mm) |     |     |    |     |     | N.W. |
|-----------|----------------|--------------------------------|----------------|---------------------|------------------------------------------------------|-----------------|-----|-----|----|-----|-----|------|
|           |                | 3 and 4-leg                    | tonnes         |                     |                                                      | D               | A   | B   | d  | a   | b   | kg   |
| X-006L-19 | BD-19 +2 BD-13 | 6                              | 4.2            | 103                 | 5                                                    | 19              | 135 | 75  | 13 | 110 | 60  | 1.6  |
| X-006L-22 | BD-22 +2 BD-16 | 7,8                            | 8.2            | 201                 | 6                                                    | 22              | 160 | 90  | 16 | 110 | 60  | 2.5  |
| X-006L-32 | BD-32 +2 BD-22 | 10                             | 10.7           | 262                 | 10                                                   | 32              | 200 | 110 | 22 | 160 | 90  | 6.9  |
| X-006L-36 | BD-36 +2 BD-28 | 13                             | 15.7           | 385                 | 16                                                   | 36              | 260 | 140 | 28 | 180 | 100 | 11.8 |
| X-006L-45 | BD-45 +2 BD-32 | 16                             | 22.2           | 544                 | 25                                                   | 45              | 300 | 180 | 32 | 200 | 110 | 19.7 |

★ Design factor 4:1 proof tested and certified.



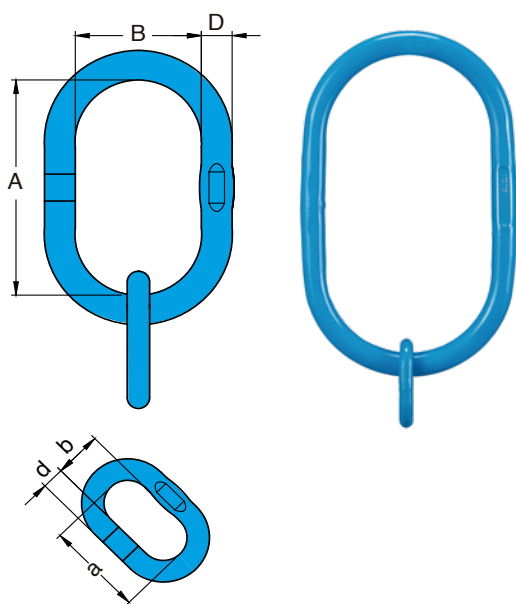
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 1 leg Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-0080 Welded Master Link

| Item No.         | Code No. | For<br>Grade 100<br>Chain (mm) | WLL<br>β 0-45° | Proof<br>Load | Used to single hook<br>according to DIN<br>15401 No. | Dimensions (mm) |     |     | N.W. |
|------------------|----------|--------------------------------|----------------|---------------|------------------------------------------------------|-----------------|-----|-----|------|
|                  |          | 1-leg                          | tonnes         |               |                                                      | D               | A   | B   | kg   |
| <b>X-0080-28</b> | ED-28    | 13                             | 6.7            | 164           | 25                                                   | 28              | 340 | 180 | 4.7  |
| <b>X-0080-32</b> | ED-32    | 16                             | 10             | 245           | 25                                                   | 32              | 340 | 180 | 6.2  |
| <b>X-0080-40</b> | ED-40    | 20,22                          | 19             | 466           | 25                                                   | 40              | 340 | 180 | 10.0 |

★ Design factor 4:1 proof tested and certified.



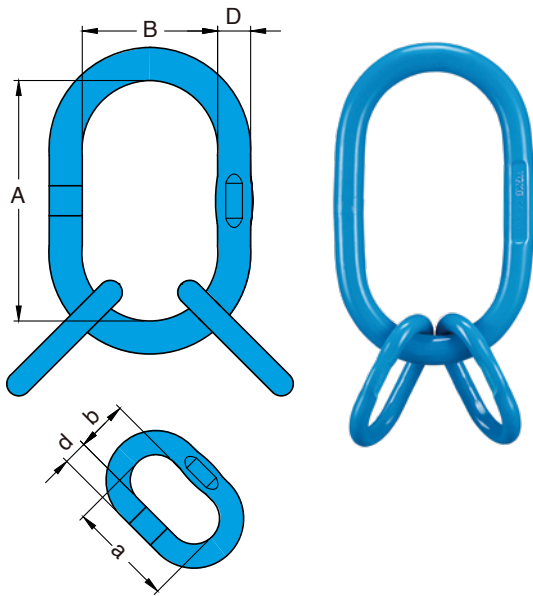


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 1 leg Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-0081 Welded Master Link Assembly

| Item No.         | Assembled with | For<br>Grade 100<br>Chain (mm) | WLL<br>β 0-45° | Proof<br>Load | Used to single<br>hook according to<br>DIN 15401 No. | Dimensions (mm) |     |     |    |    |    | N.W. |
|------------------|----------------|--------------------------------|----------------|---------------|------------------------------------------------------|-----------------|-----|-----|----|----|----|------|
|                  |                | 1-leg                          | tonnes         | kN            |                                                      | D               | A   | B   | d  | a  | b  | kg   |
| <b>X-0081-22</b> | ED-22 +1 DD-13 | 6,7,8                          | 2.5            | 61            | 25                                                   | 22              | 340 | 180 | 13 | 54 | 25 | 3.2  |
| <b>X-0081-22</b> | ED-28 +1 DD-16 | 10                             | 4              | 98            | 25                                                   | 28              | 340 | 180 | 16 | 70 | 34 | 5.4  |

★ Design factor 4:1 proof tested and certified.

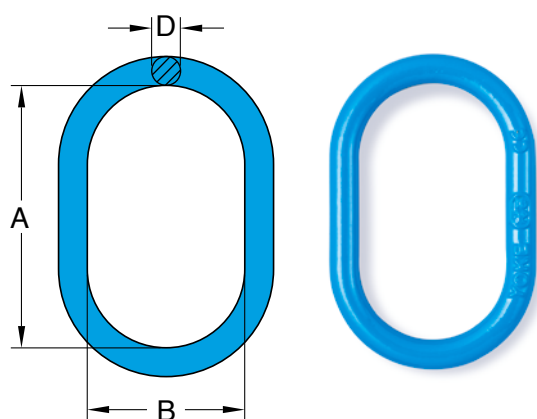


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 3-4 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

## X-0082 Welded Master Link Assembly

| Item No.          | Assembled with  | For Grade 100 Chain (mm) |       | WLL<br>β 0-45°<br>tonnes | Proof<br>Load<br>kN | Used to single<br>hook according<br>to DIN 15401 No. | Dimensions (mm) |     |     |    |     |    | N.W.<br>kg |
|-------------------|-----------------|--------------------------|-------|--------------------------|---------------------|------------------------------------------------------|-----------------|-----|-----|----|-----|----|------------|
|                   |                 | 2-leg                    | 4-leg |                          |                     |                                                      | D               | A   | B   | d  | a   | b  |            |
| <b>X-0082-22</b>  | ED-22 + 2 DD-13 | 6,7,8                    | 6     | 3.55                     | 87                  | 25                                                   | 22              | 340 | 180 | 13 | 54  | 25 | 3.2        |
| <b>X-0082-28</b>  | ED-28 + 2 DD-16 | 10                       | 7,8   | 5.6                      | 137                 | 25                                                   | 28              | 340 | 180 | 16 | 70  | 34 | 5.4        |
| <b>X-0082-32</b>  | ED-32 + 2 DD-19 | 13                       | 10    | 9.5                      | 233                 | 25                                                   | 32              | 340 | 180 | 19 | 85  | 40 | 7.4        |
| <b>X-0082-40</b>  | ED-40 + 2 DD-22 | 16                       | 13    | 14.1                     | 343                 | 25                                                   | 40              | 340 | 180 | 22 | 115 | 50 | 12.1       |
| <b>X-0082-401</b> | ED-40 + 2 DD-25 | 20                       | 16    | 21.2                     | 519                 | 25                                                   | 40              | 340 | 180 | 25 | 140 | 65 | 14.2       |

★ Design factor 4:1 proof tested and certified.



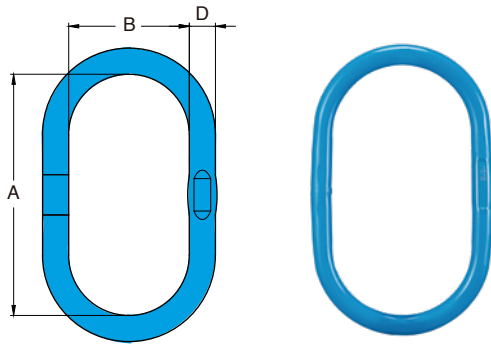
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4 and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Designed for 1-2 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

**Forged**

## G-100 Forged Oblong Master Link

| Item No.   | For Grade 100 Chain (mm) |        | WLL<br>β 0-45°<br>tonnes | Proof Load<br>kN | Used to single hook according to DIN 15401 No. | Dimensions (mm) |     |     | N.W.<br>kg |
|------------|--------------------------|--------|--------------------------|------------------|------------------------------------------------|-----------------|-----|-----|------------|
|            | 1-leg                    | 2-leg  |                          |                  |                                                | D               | A/W | B   |            |
| X-003-06   | 6                        | -      | 1.4                      | 34               | 2.5                                            | 11              | 100 | 60  | 0.2        |
| X-003-0806 | 7,8                      | 6      | 2.9                      | 71               | 4                                              | 14              | 120 | 70  | 0.5        |
| X-003-1008 | 10                       | 7, 8   | 5.3                      | 130              | 5                                              | 17              | 140 | 80  | 0.7        |
| X-003-13   | 13                       | -      | 6.7                      | 164              | 6                                              | 19              | 150 | 90  | 1.1        |
| X-003-1310 | 13                       | 10     | 8.4                      | 206              | 6                                              | 22              | 160 | 95  | 1.5        |
| X-003-16   | 16                       | -      | 10.0                     | 245              | 10                                             | 25              | 190 | 110 | 2.3        |
| X-003-1613 | 16                       | 13     | 14.1                     | 345              | 8                                              | 28              | 180 | 105 | 2.7        |
| X-003-19   | 19,20                    | -      | 16.0                     | 392              | 10                                             | 30              | 200 | 120 | 3.5        |
| X-003-2216 | 22                       | 16     | 21.0                     | 515              | 16                                             | 34              | 240 | 140 | 5.3        |
| X-003-26   | 26                       | -      | 26.5                     | 649              | 16                                             | 38              | 250 | 150 | 7.4        |
| X-003-2619 | 26                       | 19, 20 | 33.6                     | 823              | 16                                             | 40              | 250 | 150 | 8.3        |
| X-003-3222 | 32                       | 22     | 39.9                     | 978              | 25                                             | 45              | 300 | 180 | 12.3       |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.26, EN 1677-4, and OSHA 1910.184, DIN PAS1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Welded Master Link designed for 1-2 legs Chain, Wire Rope and Webbing Slings.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.

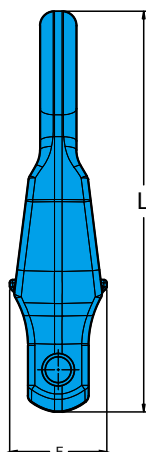
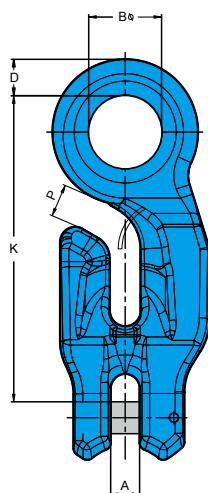
## X-004 Welded Master Link

Sub-links SPEC for X-0081, X-0082, X-006W. Items in grey area are not for sale individually.

| Item No. | Code No. | For<br>Grade 100<br>Chain (mm) |       | WLL<br>β 0-45°<br>tonnes | Proof<br>Load<br>kN | Dimensions (mm) |     |     | N.W.<br>kg |
|----------|----------|--------------------------------|-------|--------------------------|---------------------|-----------------|-----|-----|------------|
|          |          | 1-leg                          | 2-leg |                          |                     | D               | A   | B   |            |
| X-004-13 | DD-13    | 10                             | 6     | 4                        | 98                  | 13              | 54  | 25  | 0.2        |
| X-004-16 | DD-16    | 13                             | 7,8   | 6.7                      | 164                 | 16              | 70  | 34  | 0.4        |
| X-004-19 | DD-19    | 16                             | 10    | 10                       | 245                 | 19              | 85  | 40  | 0.6        |
| X-004-22 | DD-22    | 20                             | 13    | 14                       | 343                 | 22              | 115 | 50  | 1.1        |
| X-004-28 | DD-28    | 22                             | 16    | 19                       | 466                 | 28              | 140 | 65  | 2.1        |
| X-004-32 | DD-32    | 26                             | 20    | 26.5                     | 649                 | 32              | 150 | 70  | 3.0        |
| X-004-36 | DD-36    | -                              | 22    | 31                       | 760                 | 36              | 170 | 75  | 4.3        |
| X-004-40 | DD-40    | 32                             | -     | 40.4                     | 990                 | 40              | 170 | 80  | 5.5        |
| X-004-45 | DD-45    | -                              | 26    | 42.4                     | 1039                | 45              | 170 | 80  | 7.1        |
| X-004-50 | DD-50    | -                              | 32    | 64                       | 1568                | 50              | 200 | 100 | 10.3       |

★ Design factor 4:1 proof tested and certified.

## CHAIN SLING



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN EN 1677-1 and DIN 5692.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Each hook is marked with batch number that links to the test certificate with full traceability to raw materials.

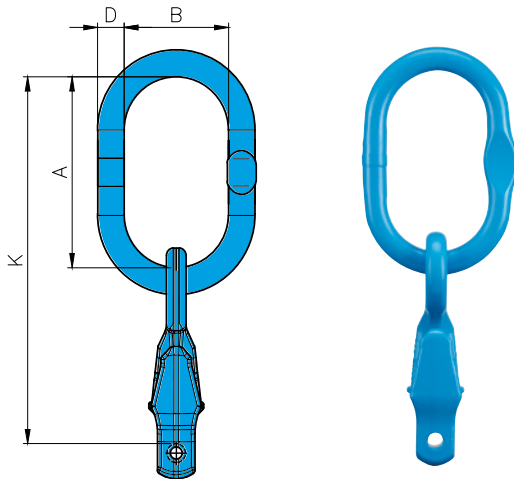
## G-100 GrabEX Eye Grab Hook

| Item No. | WLL<br>tonnes | For<br>Grade 100<br>Chain |    | Dimensions (mm) |    |    |     |     |    | N.W.<br>kg |
|----------|---------------|---------------------------|----|-----------------|----|----|-----|-----|----|------------|
|          |               | mm                        | A  | B               | D  | F  | K   | L   | P  |            |
| X-079-06 | 1.4           | 5, 6                      | 8  | 18              | 9  | 24 | 76  | 99  | 12 | 0.24       |
| X-079-08 | 2.5           | 7, 8                      | 10 | 24              | 13 | 32 | 102 | 134 | 12 | 0.54       |
| X-079-10 | 4             | 10                        | 12 | 31              | 14 | 40 | 125 | 163 | 15 | 1.03       |
| X-079-13 | 6.7           | 13                        | 16 | 37              | 18 | 51 | 158 | 208 | 20 | 2.18       |
| X-079-16 | 10            | 16                        | 19 | 48              | 24 | 64 | 202 | 264 | 21 | 4.39       |

★ Design factor 4:1 proof tested and certified.



# CHAIN SLING



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN PAS 1061, EN 1677 and ASTM A952/ A 952M.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.
- Fully integrated shortening clutch and master link.
- No reduction in WLL when shortening chain.
- Speedy assembly.
- Light weight system.
- Cost effective compared to slings which use multiple components.

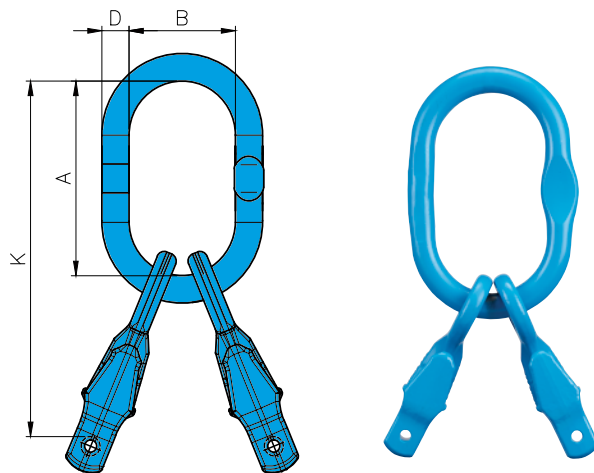


## G100 GrabEX 1 Single Leg Assembly

| Item No.        | Code No. | WLL    | For             | Can be used                         | Dimensions (mm) |     |     |     | N.W. |
|-----------------|----------|--------|-----------------|-------------------------------------|-----------------|-----|-----|-----|------|
|                 |          | tonnes | Grade 100 Chain | on single hook Acc. To DIN15401 No. | D               | A   | B   | K   | kg   |
| <b>X-A04-06</b> | XAF-06   | 1.4    | 6               | 4                                   | 13              | 120 | 70  | 196 | 0.7  |
| <b>X-A04-08</b> | XAF-08   | 2.5    | 7,8             | 5                                   | 16              | 140 | 80  | 242 | 1.2  |
| <b>X-A04-10</b> | XAF-10   | 4      | 10              | 6                                   | 19              | 160 | 95  | 285 | 2.1  |
| <b>X-A04-13</b> | XAF-13   | 6.7    | 13              | 10                                  | 22              | 170 | 105 | 328 | 3.9  |
| <b>X-A04-16</b> | XAF-16   | 10     | 16              | 10                                  | 28              | 190 | 110 | 392 | 7.0  |

★ Design factor 4:1 proof tested and certified.

## CHAIN SLING



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN PAS 1061, EN 1677 and ASTM A952/ A 952M.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.
- Fully integrated shortening clutch and master link.
- No reduction in WLL when shortening chain.
- Speedy assembly.
- Light weight system.
- Cost effective compared to slings which use multiple components.

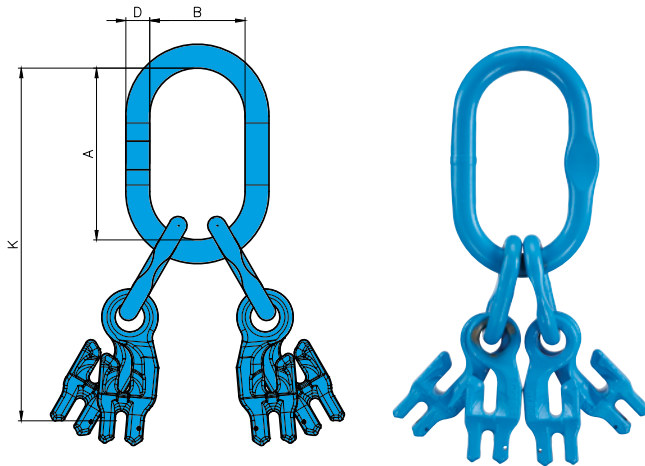


## G100 GrabEX 2 Leg Assembly

| Item No. | Code No. | WLL    | For             | Can be used                         | Dimensions (mm) |     |     |     | N.W. |
|----------|----------|--------|-----------------|-------------------------------------|-----------------|-----|-----|-----|------|
|          |          | tonnes | Grade 100 Chain | on single hook Acc. To DIN15401 No. | D               | A   | B   | K   | kg   |
| X-A05-06 | XAG-06   | 2      | 6               | 4                                   | 13              | 120 | 70  | 196 | 0.9  |
| X-A05-08 | XAG-08   | 3.5    | 7,8             | 6                                   | 19              | 160 | 95  | 262 | 2.2  |
| X-A05-10 | XAG-10   | 5.6    | 10              | 10                                  | 22              | 170 | 105 | 295 | 3.8  |
| X-A05-13 | XAG-13   | 9.4    | 13              | 10                                  | 28              | 190 | 110 | 348 | 7.0  |
| X-A05-16 | XAG-16   | 14     | 16              | 12                                  | 32              | 230 | 130 | 432 | 13.6 |

★ Design factor 4:1 proof tested and certified.

# CHAIN SLING

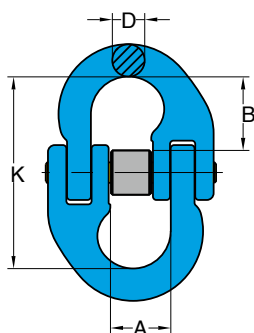


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN PAS 1061, EN 1677 and ASTM A952/ A 952M.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at a minimum of 400°C.
- Each link is marked with batch number that links to the test certificate with full traceability to raw materials.
- Fully integrated shortening clutch and master link.
- No reduction in WLL when shortening chain.
- Speedy assembly.
- Light weight system.
- Cost effective compared to slings which use multiple components



## G100 GrabEX 4 Leg Assembly

| Item No.        | Code No. | WLL    | For             | Can be used                         | Dimensions (mm) |     |     |     | N.W. |
|-----------------|----------|--------|-----------------|-------------------------------------|-----------------|-----|-----|-----|------|
|                 |          | tonnes | Grade 100 Chain | on single hook Acc. To DIN15401 No. | D               | A   | B   | K   | kg   |
| <b>X-A06-06</b> | XAH-06   | 2.9    | 6               | 6                                   | 19              | 160 | 95  | 261 | 2.4  |
| <b>X-A06-08</b> | XAH-08   | 5.3    | 7,8             | 10                                  | 22              | 170 | 105 | 306 | 4.6  |
| <b>X-A06-10</b> | XAH-10   | 8.4    | 10              | 10                                  | 28              | 190 | 110 | 355 | 8.1  |
| <b>X-A06-13</b> | XAH-13   | 14.1   | 13              | 12                                  | 32              | 230 | 130 | 438 | 15.8 |
| <b>X-A06-16</b> | XAH-16   | 21     | 16              | 20                                  | 38              | 275 | 150 | 542 | 28.9 |



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASTM A952/ A952M.
- Certified by DGUV GS-OA-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Suitable for use with both Grade 80 and Grade 100 chain.

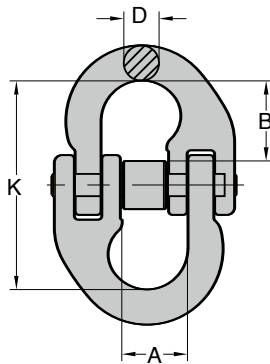


Repair kit available for maintenance.

## G-100 Connecting Link

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     | N.W. |
|----------|---------------------------|----------------|-----------------|----|----|-----|------|
|          | mm                        |                | A               | B  | D  | K   | kg   |
| X-015-06 | 6                         | 1.4            | 15              | 18 | 7  | 45  | 0.08 |
| X-015-07 | 7, 8                      | 2.5            | 18              | 25 | 9  | 59  | 0.2  |
| X-015-10 | 10                        | 4.0            | 25              | 28 | 11 | 69  | 0.3  |
| X-015-13 | 13                        | 6.7            | 30              | 38 | 16 | 92  | 0.7  |
| X-015-16 | 16                        | 10.0           | 36              | 41 | 19 | 101 | 1.2  |
| X-015-20 | 20                        | 16.0           | 42              | 50 | 23 | 122 | 2.1  |
| X-015-22 | 22                        | 19.0           | 49              | 63 | 24 | 152 | 3.5  |
| X-015-26 | 26                        | 26.5           | 55              | 66 | 30 | 162 | 4.8  |
| X-015-32 | 32                        | 40.0           | 69              | 85 | 36 | 203 | 9.0  |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASTM A952/ A952M.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Suitable for use with both Grade 80 and Grade 100 chain.
- Dacromet surface finish for enhanced corrosion resistance.



Special pin and sleeve designed for maintenance purpose.

## G-100 Connecting Link

Dacromet® surface finish\*\*

| Item No.  | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     | N.W. |
|-----------|---------------------------|----------------|-----------------|----|----|-----|------|
|           | mm                        |                | A               | B  | D  | K   | kg   |
| X-M015-06 | 6                         | 1.4            | 15              | 18 | 7  | 45  | 0.1  |
| X-M015-07 | 7, 8                      | 2.5            | 18              | 25 | 9  | 59  | 0.2  |
| X-M015-10 | 10                        | 4.0            | 25              | 28 | 11 | 69  | 0.3  |
| X-M015-13 | 13                        | 6.7            | 30              | 38 | 16 | 92  | 0.7  |
| X-M015-16 | 16                        | 10.0           | 36              | 41 | 19 | 101 | 1.2  |
| X-M015-20 | 20                        | 16.0           | 42              | 50 | 23 | 122 | 2.1  |
| X-M015-22 | 22                        | 19.0           | 49              | 63 | 24 | 152 | 3.5  |
| X-M015-26 | 26                        | 26.5           | 55              | 66 | 30 | 162 | 4.8  |
| X-M015-32 | 32                        | 40.0           | 69              | 85 | 36 | 203 | 9.0  |

★ Design factor 4:1 proof tested and certified.





*Safety is our first priority™*

**New!**  
**Safety Triggers**



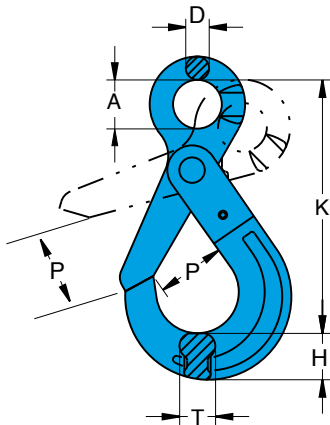
Quality Management System:



Q1 0467

QMS 0726

ISO 9001



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26, ASME B30.10.
- Certified by DGUV GS-OA-15-05 & DGUV GS-MO-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.



**8-P025**

For most sizes



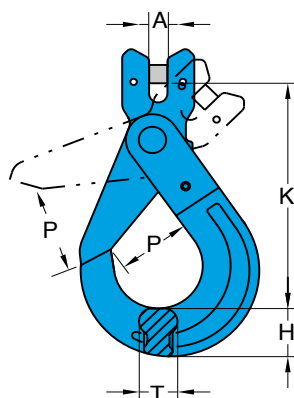
**8-P025T**

For 26mm

## G-100 Eye Self Locking Hook

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     |    |    | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|----|----|-----|----|----|------------|
|          | mm                        |                | A               | D  | H  | K   | P  | T  |            |
| X-025-06 | 6                         | 1.4            | 21              | 10 | 19 | 110 | 28 | 15 | 0.5        |
| X-025-07 | 7,8                       | 2.5            | 25              | 11 | 24 | 136 | 34 | 20 | 0.8        |
| X-025-10 | 10                        | 4.0            | 32              | 13 | 30 | 167 | 44 | 26 | 1.5        |
| X-025-13 | 13                        | 6.7            | 40              | 16 | 39 | 207 | 51 | 30 | 3.0        |
| X-025-16 | 16                        | 10.0           | 50              | 21 | 49 | 252 | 60 | 36 | 5.8        |
| X-025-20 | 20                        | 16.0           | 60              | 23 | 65 | 290 | 70 | 53 | 10.0       |
| X-025-22 | 22                        | 19.0           | 70              | 24 | 63 | 319 | 80 | 49 | 12.5       |
| X-025-26 | 26                        | 26.5           | 80              | 25 | 69 | 343 | 99 | 56 | 15.0       |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26, ASME B30.10, PAS1061.
- Certified by DGUV GS-MO-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.



**X-P026**

For load pin replacement



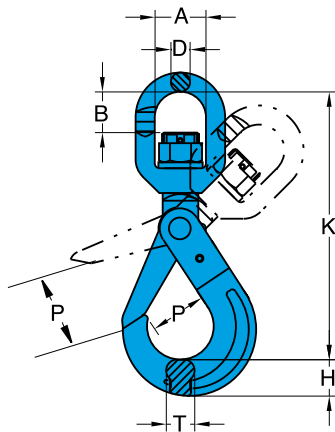
**8-P025T**

For trigger replacement

## G-100 Clevis Self Locking Hook

| Item No.        | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |     |    |    | N.W.<br>kg |
|-----------------|---------------------------|----------------|-----------------|----|-----|----|----|------------|
|                 | mm                        |                | A               | H  | K   | P  | T  |            |
| <b>X-026-06</b> | 6                         | 1.4            | 6               | 19 | 93  | 28 | 15 | 0.4        |
| <b>X-026-07</b> | 7,8                       | 2.5            | 9               | 24 | 119 | 34 | 20 | 0.9        |
| <b>X-026-10</b> | 10                        | 4.0            | 11              | 30 | 142 | 44 | 26 | 1.4        |
| <b>X-026-13</b> | 13                        | 6.7            | 14              | 39 | 178 | 51 | 30 | 3.0        |
| <b>X-026-16</b> | 16                        | 10.0           | 18              | 49 | 213 | 60 | 36 | 5.0        |
| <b>X-026-20</b> | 20                        | 16.0           | 21              | 65 | 244 | 70 | 53 | 11.0       |
| <b>X-026-22</b> | 22                        | 19.0           | 24              | 63 | 273 | 80 | 49 | 13.5       |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26, ASME B30.10, PAS1061.
- Certified by DGUV GS-OA-15-05 & DGUV GS-MO-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.



**8-P025T**

For trigger

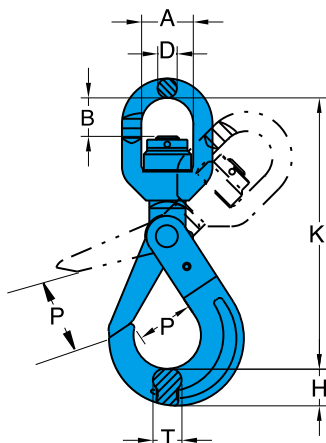
## G-100 Swivel Self Locking Hook

With Brass Bushing

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |     |    |    |     |    |    | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|-----|----|----|-----|----|----|------------|
|          | mm                        |                | A               | B   | D  | H  | K   | P  | T  |            |
| X-027-06 | 6                         | 1.4            | 32              | 22  | 12 | 19 | 149 | 28 | 15 | 0.7        |
| X-027-07 | 7,8                       | 2.5            | 36              | 29  | 13 | 24 | 186 | 34 | 20 | 1.2        |
| X-027-10 | 10                        | 4.0            | 41              | 34  | 16 | 30 | 218 | 44 | 26 | 2.0        |
| X-027-13 | 13                        | 6.7            | 46              | 43  | 21 | 39 | 276 | 51 | 30 | 4.1        |
| X-027-16 | 16                        | 10.0           | 61              | 50  | 23 | 49 | 329 | 60 | 36 | 7.2        |
| X-027-20 | 20                        | 16.0           | 74              | 82  | 25 | 65 | 387 | 70 | 53 | 13.0       |
| X-027-22 | 22                        | 19.0           | 97              | 95  | 33 | 63 | 457 | 80 | 49 | 20.0       |
| X-027-26 | 26                        | 26.5           | 123             | 115 | 42 | 69 | 535 | 99 | 56 | 33.0       |

★ Design factor 4:1 proof tested and certified.

**⚠ WARNING INFORMATION :** This hook is a positioning device and is not intended to rotate under load. For swivel hooks designed to rotate under load, see X-027N.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26, ASME B30.10, PAS1061.
- Certified by DGUV GS-OA-15-05 & DGUV GS-MO-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.
- Built with ball bearing and enables full swivel feature under load.



**8-P025T**

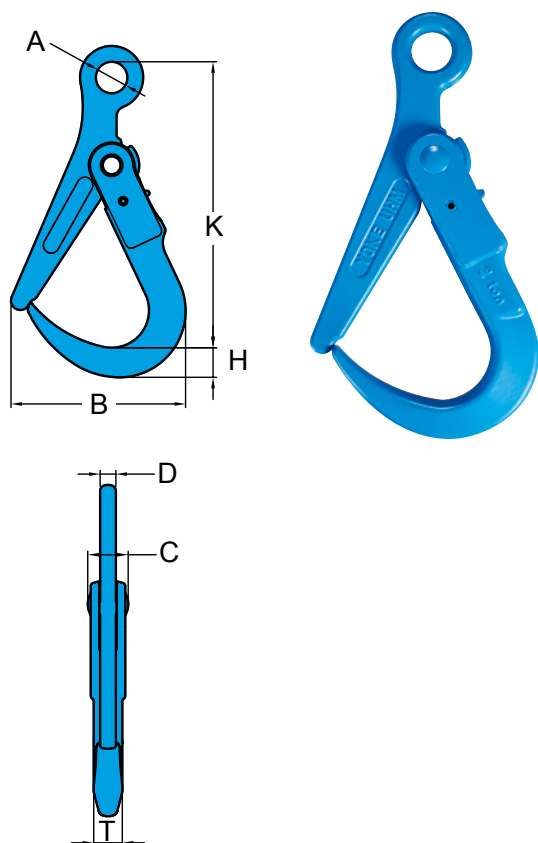
For trigger

## G-100 Swivel Self Locking Hook

with Ball Bearing, which performs full swivel under load.

| Item No.  | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |     |    |    |     |    |    | N.W.<br>kg |
|-----------|---------------------------|----------------|-----------------|-----|----|----|-----|----|----|------------|
|           | mm                        |                | A               | B   | D  | H  | K   | P  | T  |            |
| X-027N-06 | 6                         | 1.4            | 32              | 22  | 12 | 19 | 149 | 28 | 15 | 0.7        |
| X-027N-07 | 7,8                       | 2.5            | 36              | 29  | 13 | 24 | 186 | 34 | 20 | 1.2        |
| X-027N-10 | 10                        | 4.0            | 41              | 34  | 16 | 30 | 218 | 44 | 26 | 2.0        |
| X-027N-13 | 13                        | 6.7            | 46              | 43  | 21 | 39 | 276 | 51 | 30 | 4.1        |
| X-027N-16 | 16                        | 10.0           | 61              | 50  | 23 | 49 | 329 | 60 | 36 | 7.2        |
| X-027N-20 | 20                        | 16.0           | 74              | 82  | 25 | 65 | 387 | 70 | 53 | 13.0       |
| X-027N-22 | 22                        | 19.0           | 97              | 95  | 33 | 63 | 457 | 80 | 49 | 20.0       |
| X-027N-26 | 26                        | 26.5           | 123             | 115 | 42 | 69 | 535 | 99 | 56 | 33.0       |

★ Design factor 4:1 proof tested and certified.



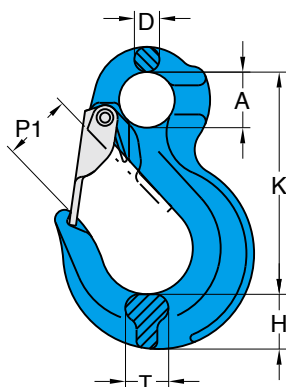
- Quenched and Tempered Alloy Steel.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 5:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

## G-100 Super Lock Hook

| Item No.        | WLL     | Dimensions (mm) |     |    |    |    |     |     |    | N.W. |
|-----------------|---------|-----------------|-----|----|----|----|-----|-----|----|------|
|                 | tonnes* | A               | B   | C  | D  | H  | K   | P   | T  | kg   |
| <b>X-019-02</b> | 2.0     | 32              | 177 | 41 | 16 | 30 | 290 | 108 | 29 | 3.5  |
| <b>X-019-03</b> | 3.0     | 32              | 177 | 41 | 16 | 30 | 290 | 108 | 29 | 3.5  |

★ Design factor 5:1 proof tested and certified.





- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26, ASME B30.10, PAS1061.
- Certified by DGUV GS-OA-15-05 & DGUV GS-MO-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.



**8-P044**

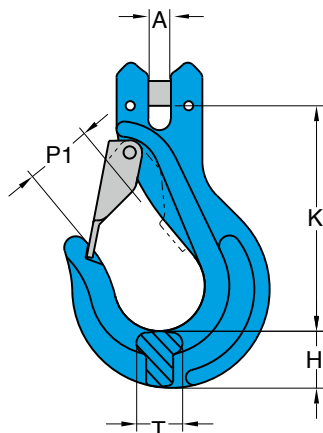
Repair kit available

## G-100 Eye Sling Hook

with Latch

| Item No.   | For<br>Grade 100<br>Chain | WLL     | Dimensions (mm) |    |    |     |     |    | N.W. |
|------------|---------------------------|---------|-----------------|----|----|-----|-----|----|------|
|            | mm                        | tonnes* | A               | D  | H  | K   | P1  | T  | kg   |
| X-044/S-06 | 6                         | 1.4     | 20              | 10 | 19 | 80  | 23  | 17 | 0.3  |
| X-044/S-07 | 7,8                       | 2.5     | 25              | 12 | 23 | 98  | 28  | 20 | 0.5  |
| X-044/S-10 | 10                        | 4.0     | 32              | 15 | 31 | 121 | 36  | 23 | 1.0  |
| X-044/S-13 | 13                        | 6.7     | 40              | 18 | 38 | 152 | 40  | 27 | 1.8  |
| X-044/S-16 | 16                        | 10.0    | 50              | 22 | 45 | 185 | 44  | 32 | 3.4  |
| X-044/S-20 | 20                        | 16.0    | 61              | 27 | 64 | 230 | 54  | 48 | 7.3  |
| X-044/S-22 | 22                        | 19.0    | 51              | 31 | 63 | 245 | 76  | 52 | 9.3  |
| X-044/S-26 | 26                        | 26.5    | 65              | 35 | 80 | 279 | 77  | 60 | 13.5 |
| X-044/S-32 | 32                        | 40.0    | 88              | 40 | 86 | 352 | 114 | 65 | 22.0 |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26, ASME B30.10, PAS1061.
- Certified by DGUV GS-OA-15-05 & DGUV GS-MO-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

**X-P026**

For load pin replacement

**8-P044**

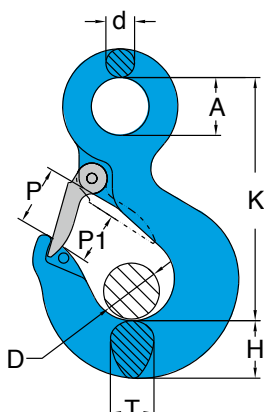
For latch replacement

## G-100 Clevis Sling Hook

with Latch

| Item No.   | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |     |    |    | N.W.<br>kg |
|------------|---------------------------|----------------|-----------------|----|-----|----|----|------------|
|            | mm                        |                | A               | H  | K   | P1 | T  |            |
| X-043/S-06 | 6                         | 1.4            | 6               | 23 | 97  | 23 | 15 | 0.3        |
| X-043/S-07 | 7,8                       | 2.5            | 9               | 22 | 98  | 27 | 18 | 0.6        |
| X-043/S-10 | 10                        | 4.0            | 11              | 30 | 122 | 34 | 24 | 1.1        |
| X-043/S-13 | 13                        | 6.7            | 14              | 37 | 147 | 44 | 30 | 2.3        |
| X-043/S-16 | 16                        | 10.0           | 17              | 42 | 166 | 48 | 39 | 3.8        |
| X-043/S-20 | 20                        | 16.0           | 24              | 64 | 207 | 57 | 48 | 8.7        |
| X-043/S-22 | 22                        | 19.0           | 25              | 61 | 217 | 73 | 52 | 9.5        |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.



For latch replacement

## G-100 Alloy Eye Hoist Hook

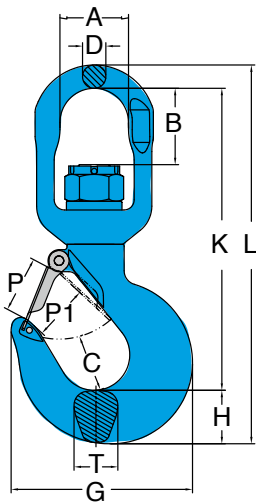
with Latch

| Item No.  | Hook Feature Code | For Grade 100 Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |    |     |    |    |    | N.W.<br>kg |
|-----------|-------------------|---------------------|----------------|-----------------|----|----|----|-----|----|----|----|------------|
|           |                   | mm                  |                | A               | D  | d  | H  | K   | P  | P1 | T  |            |
| 8-173-015 | BB                | 6                   | 1.4            | 23              | 19 | 11 | 21 | 95  | 23 | 19 | 17 | 0.4        |
| 8-173-02  | CC                | 7,8                 | 2.5            | 29              | 20 | 13 | 26 | 106 | 25 | 20 | 21 | 0.7        |
| 8-173-03  | DD                | 10                  | 4.0            | 32              | 25 | 15 | 29 | 122 | 28 | 25 | 24 | 0.9        |
| 8-173-05  | EE                | 13                  | 6.7            | 40              | 31 | 18 | 37 | 149 | 36 | 31 | 31 | 2.0        |
| 8-173-07  | FF                | 16                  | 10.0           | 51              | 38 | 24 | 47 | 192 | 45 | 39 | 37 | 4.0        |
| 8-173-11  | GG                | 20                  | 16.0           | 62              | 57 | 28 | 58 | 232 | 61 | 67 | 48 | 7.0        |
| 8-173-15  | HH                | 22                  | 19.0           | 72              | 62 | 32 | 66 | 256 | 68 | 62 | 56 | 9.4        |
| 8-173-22  | JJ                | 26                  | 26.5           | 90              | 81 | 40 | 76 | 318 | 92 | 81 | 68 | 18.7       |

★ Design factor 4:1 proof tested and certified.



When using hoist hook with grade 100 chain, YOKE hoist hook is recommended to be grinded the WLL (which is for a safety factor 5:1) off the hook.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

## G-100 Alloy Swivel Hoist Hook

with Brass Washer

| Item No.  | Hook Feature Code | For Grade 100 Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |    |     |    |     |     |    |    |    | N.W.<br>kg |
|-----------|-------------------|---------------------|----------------|-----------------|----|----|----|-----|----|-----|-----|----|----|----|------------|
|           |                   | mm                  |                | A               | B  | C  | D  | G   | H  | K   | L   | P  | P1 | T  |            |
| 8-175-015 | BB                | 6                   | 1.4            | 32              | 23 | 25 | 12 | 60  | 21 | 126 | 158 | 24 | 19 | 18 | 0.7        |
| 8-175-02  | CC                | 7.8                 | 2.5            | 35              | 29 | 26 | 13 | 91  | 25 | 143 | 181 | 24 | 20 | 22 | 0.9        |
| 8-175-03  | DD                | 10                  | 4.0            | 41              | 35 | 29 | 16 | 102 | 29 | 172 | 217 | 28 | 25 | 24 | 1.5        |
| 8-175-05  | EE                | 13                  | 6.7            | 46              | 44 | 38 | 21 | 130 | 36 | 211 | 288 | 35 | 31 | 31 | 3.2        |
| 8-175-07  | FF                | 16                  | 10.0           | 61              | 51 | 49 | 23 | 166 | 46 | 258 | 328 | 43 | 39 | 42 | 5.7        |
| 8-175-11  | GG                | 20                  | 16.0           | 74              | 82 | 62 | 25 | 196 | 56 | 326 | 409 | 61 | 57 | 48 | 9.5        |
| 8-175-15  | HH                | 22                  | 19.0           | 97              | 96 | 65 | 33 | 221 | 64 | 372 | 471 | 72 | 62 | 56 | 16.5       |

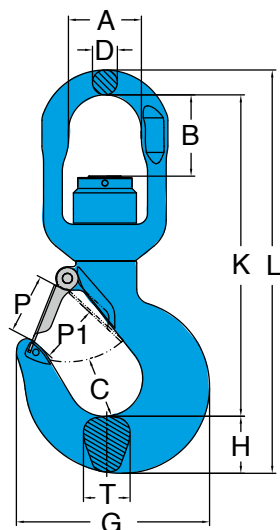
★ Design factor 4:1 proof tested and certified.



When using hoist hook with grade 100 chain, YOKE hoist hook is recommended to be grinded the WLL (which is for a safety factor 5:1) off the hook.



**WARNING INFORMATION:** This hook is a positioning device and is not intended to rotate under load. For swivel hooks designed to rotate under load, see 8-175N.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.
- Built with ball bearing and enables full swivel feature under load.

## G-100 Alloy Swivel Bearing Hoist Hook

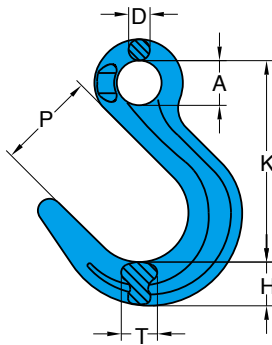
with Ball Bearing, which performs full swivel under load.

| Item No.   | Hook Feature Code | For Grade 100 Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |    |     |    |     |     |    |    |    | N.W.<br>kg |
|------------|-------------------|---------------------|----------------|-----------------|----|----|----|-----|----|-----|-----|----|----|----|------------|
|            |                   | mm                  |                | A               | B  | C  | D  | G   | H  | K   | L   | P  | P1 | T  |            |
| 8-175N-015 | BB                | 6                   | 1.4            | 32              | 23 | 25 | 12 | 80  | 21 | 126 | 158 | 24 | 19 | 18 | 0.7        |
| 8-175N-02  | CC                | 7,8                 | 2.5            | 36              | 29 | 26 | 13 | 91  | 25 | 143 | 181 | 24 | 20 | 22 | 0.9        |
| 8-175N-03  | DD                | 10                  | 4.0            | 41              | 35 | 29 | 16 | 102 | 29 | 172 | 217 | 28 | 25 | 24 | 1.6        |
| 8-175N-05  | EE                | 13                  | 6.7            | 46              | 44 | 38 | 21 | 130 | 36 | 211 | 269 | 35 | 31 | 31 | 3.2        |
| 8-175N-07  | FF                | 16                  | 10.0           | 61              | 51 | 49 | 23 | 166 | 46 | 258 | 328 | 43 | 39 | 42 | 5.7        |
| 8-175N-11  | GG                | 20                  | 16.0           | 74              | 82 | 62 | 25 | 196 | 58 | 326 | 409 | 61 | 57 | 48 | 9.5        |
| 8-175N-15  | HH                | 22                  | 19.0           | 97              | 96 | 65 | 33 | 221 | 64 | 372 | 471 | 72 | 62 | 56 | 16.0       |

★ Design factor 4:1 proof tested and certified.



When using hoist hook with grade 100 chain, YOKE hoist hook is recommended to be grinded the WLL (which is for a safety factor 5:1) off the hook.



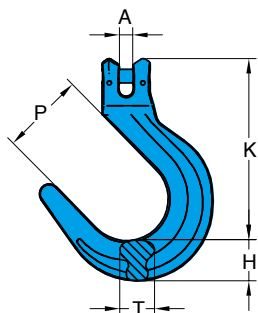
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN PAS 1061 and ASTM A952/A 952M, EN 1677- 1.
- Certified by DGUV GS-OA-15-05 & DGUV GS-MO-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not used for general chain sling applications, rather for use where a large throat opening is necessary.
- Before using the hook, check whether hooks without safety latches are allowed to be used for the particular application.

## G-100 Eye Foundry Hook

| Item No.        | For<br>Grade 100<br>Chain | WLL<br><br>tonnes* | Dimensions (mm) |    |    |     |     |    | N.W. |
|-----------------|---------------------------|--------------------|-----------------|----|----|-----|-----|----|------|
|                 | mm                        |                    | A               | D  | H  | K   | P   | T  | kg   |
| <b>X-047-07</b> | 7,8                       | 2.5                | 24              | 12 | 27 | 123 | 62  | 19 | 0.8  |
| <b>X-047-10</b> | 10                        | 4.0                | 32              | 15 | 32 | 149 | 74  | 23 | 1.6  |
| <b>X-047-13</b> | 13                        | 6.7                | 40              | 19 | 39 | 180 | 88  | 32 | 2.6  |
| <b>X-047-16</b> | 16                        | 10.0               | 50              | 25 | 47 | 213 | 98  | 41 | 4.5  |
| <b>X-047-20</b> | 20                        | 16.0               | 60              | 26 | 57 | 248 | 113 | 46 | 9.3  |

★ Design factor 4:1 proof tested and certified.





- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN PAS 1061 and ASTM A952/A 952M, EN 1677- 1.
- Certified by DGUV GS-OA-15-05
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Designed for the assembly of chain slings where wide throat openings are necessary.
- Before using the hook, check whether hooks without safety latches are allowed to be used for the particular application.



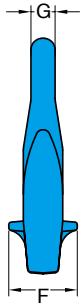
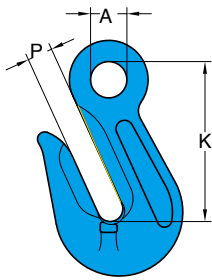
**X-P026**

For load pin replacement

## G-100 Clevis Foundry Hook

| Item No.        | For<br>Grade 100<br>Chain | WLL<br><br>tonnes* | Dimensions (mm) |    |     |     |    | N.W. |
|-----------------|---------------------------|--------------------|-----------------|----|-----|-----|----|------|
|                 | mm                        |                    | A               | H  | K   | P   | T  | kg   |
| <b>X-046-07</b> | 7,8                       | 2.5                | 9               | 27 | 133 | 62  | 19 | 0.95 |
| <b>X-046-10</b> | 10                        | 4.0                | 11              | 32 | 163 | 74  | 23 | 1.8  |
| <b>X-046-13</b> | 13                        | 6.7                | 14              | 39 | 200 | 88  | 32 | 3.6  |
| <b>X-046-16</b> | 16                        | 10.0               | 18              | 47 | 239 | 98  | 41 | 6.4  |
| <b>X-046-20</b> | 20                        | 16.0               | 21              | 62 | 305 | 113 | 46 | 11.2 |

★ Design factor 4:1 proof tested and certified.

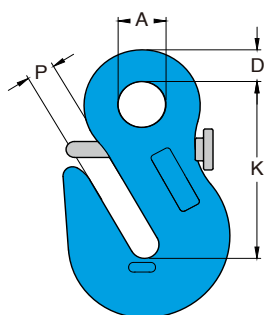


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN 5692, EN 1677-1 and ASTM A952/A 952M.
- Certified by DGUV GS-MO-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not for use with Omega Link
- Enables full WLL while in use, thanks to supporting wings which prevent chain link deformation.

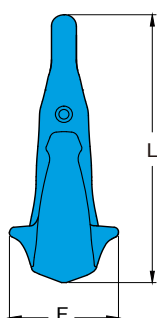
## G-100 Eye Grab Hook

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |     |    |     |    | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|-----|----|-----|----|------------|
|          | mm                        |                | A               | F   | G  | K   | P  |            |
| X-041-06 | 6                         | 1.4            | 13              | 26  | 8  | 50  | 8  | 0.2        |
| X-041-07 | 7,8                       | 2.5            | 16              | 30  | 9  | 62  | 10 | 0.3        |
| X-041-10 | 10                        | 4.0            | 20              | 40  | 13 | 82  | 13 | 0.6        |
| X-041-13 | 13                        | 6.7            | 26              | 52  | 16 | 107 | 17 | 1.4        |
| X-041-16 | 16                        | 10.0           | 30              | 57  | 20 | 132 | 21 | 2.4        |
| X-041-20 | 20                        | 16.0           | 40              | 73  | 24 | 147 | 23 | 4.0        |
| X-041-22 | 22                        | 19.0           | 42              | 70  | 26 | 164 | 26 | 5.0        |
| X-041-26 | 26                        | 26.5           | 50              | 100 | 32 | 207 | 33 | 10.1       |

★ Design factor 4:1 proof tested and certified.



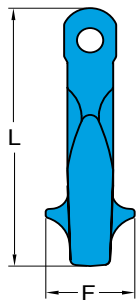
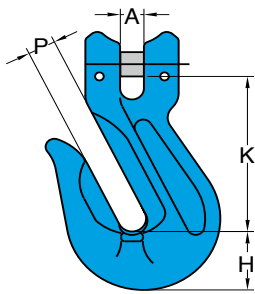
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN 5692, EN 1677-1 and ASTM A952/A 952M.
- Certified by DGUV GS-MO-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not for use with Omega Link
- Enables full WLL while in use, thanks to supporting wings which prevent chain link deformation.



## G-100 Eye Grab Hook

| Item No.  | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     |     |    | N.W.<br>kg |
|-----------|---------------------------|----------------|-----------------|----|----|-----|-----|----|------------|
|           | mm                        |                | A               | D  | F  | K   | L   | P  |            |
| X-0411-07 | 7, 8                      | 2.5            | 16              | 11 | 35 | 65  | 98  | 10 | 0.4        |
| X-0411-10 | 10                        | 4              | 20              | 14 | 46 | 78  | 118 | 13 | 0.7        |
| X-0411-13 | 13                        | 6.7            | 26              | 18 | 47 | 113 | 169 | 17 | 1.7        |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with DIN PAS 1061, EN 1677-1 and ASTM A952/A 952M.
- Certified by DGUV GS-MO-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not for use with Omega Link
- Enables full WLL while in use, thanks to supporting wings which prevent chain link deformation.



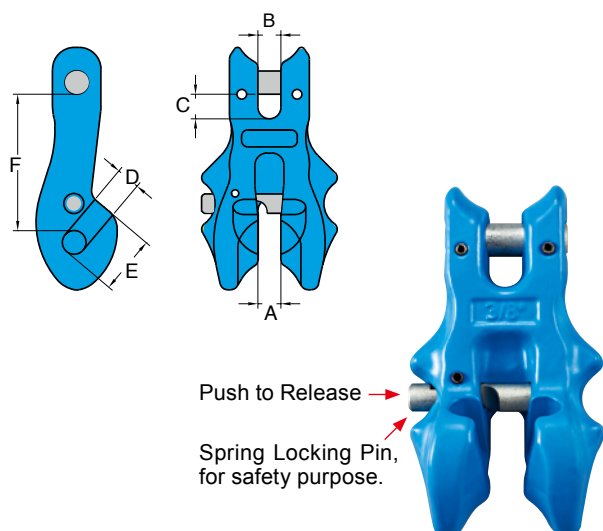
**X-P026**

For load pin replacement

## G-100 Clevis Grab Hook

| Item No.        | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     |     |    | N.W.<br>kg |
|-----------------|---------------------------|----------------|-----------------|----|----|-----|-----|----|------------|
|                 | mm                        |                | A               | F  | H  | K   | L   | P  |            |
| <b>X-042-06</b> | 6                         | 1.4            | 7               | 25 | 18 | 47  | 79  | 8  | 0.2        |
| <b>X-042-07</b> | 7,8                       | 2.5            | 10              | 30 | 22 | 54  | 93  | 10 | 0.4        |
| <b>X-042-10</b> | 10                        | 4.0            | 11              | 41 | 29 | 77  | 128 | 13 | 0.8        |
| <b>X-042-13</b> | 13                        | 6.7            | 15              | 52 | 38 | 99  | 165 | 17 | 1.6        |
| <b>X-042-16</b> | 16                        | 10.0           | 18              | 57 | 45 | 114 | 195 | 21 | 2.7        |
| <b>X-042-20</b> | 20                        | 16.0           | 22              | 73 | 52 | 130 | 222 | 23 | 4.8        |
| <b>X-042-22</b> | 22                        | 19.0           | 24              | 70 | 56 | 139 | 247 | 26 | 6.4        |

★ Design factor 4:1 proof tested and certified.

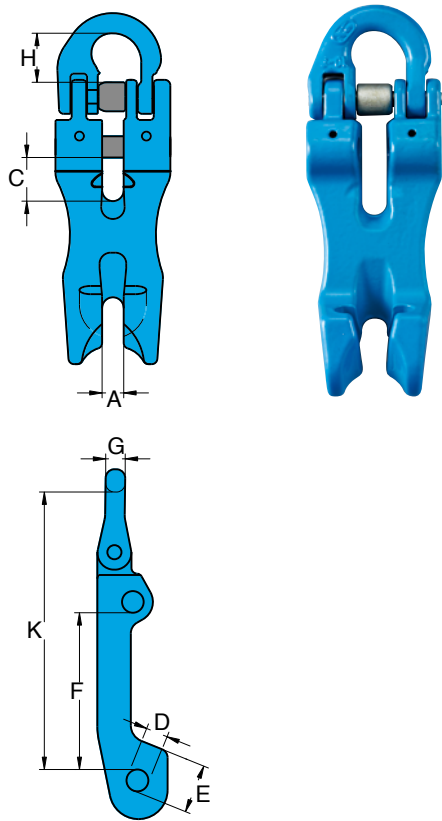


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- The use of Clevis Clutch still allows 100% of the chain sling capacity.
- With the locking system and spring locking pin design to enhance security and prevent the chains from disengaging.

## G-100 Clevis Clutch - Locking Type

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes | Dimensions (mm) |    |    |    |    |     | N.W. |
|----------|---------------------------|---------------|-----------------|----|----|----|----|-----|------|
|          | mm                        |               | A               | B  | C  | D  | E  | F   | kg   |
| X-061-06 | 6                         | 1.4           | 7               | 7  | 10 | 7  | 18 | 50  | 0.3  |
| X-061-07 | 7, 8                      | 2.5           | 10              | 10 | 10 | 10 | 24 | 56  | 0.5  |
| X-061-10 | 10                        | 4.0           | 12              | 12 | 12 | 12 | 28 | 66  | 0.9  |
| X-061-13 | 13                        | 6.7           | 15              | 15 | 16 | 16 | 39 | 88  | 2.2  |
| X-061-16 | 16                        | 10.0          | 18              | 21 | 19 | 19 | 48 | 103 | 3.7  |
| X-061-20 | 20                        | 16.0          | 22              | 23 | 23 | 21 | 55 | 132 | 5.8  |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Dual locking pins that provide safer locking mechanism.
- Simple assembling and disassembling without special tool required.

## G-100 Shortening Clutch

| Item No.        | For<br>Grade 100<br>Chain | WLL<br><br>tonnes | Dimensions (mm) |    |    |    |     |    |    |     | N.W.<br><br>kg |
|-----------------|---------------------------|-------------------|-----------------|----|----|----|-----|----|----|-----|----------------|
|                 | mm                        |                   | A               | C  | D  | E  | F   | H  | G  | K   |                |
| <b>X-078-07</b> | 7, 8                      | 2.5               | 12              | 20 | 10 | 23 | 70  | 22 | 9  | 128 | 0.7            |
| <b>X-078-10</b> | 10                        | 4                 | 13              | 26 | 12 | 29 | 87  | 26 | 11 | 154 | 1.3            |
| <b>X-078-13</b> | 13                        | 6.7               | 15              | 33 | 16 | 37 | 115 | 36 | 15 | 203 | 2.8            |
| <b>X-078-16</b> | 16                        | 10                | 21              | 39 | 19 | 46 | 143 | 39 | 19 | 248 | 5.3            |

★ Design factor 4:1 proof tested and certified.



*Safety is our first priority™*

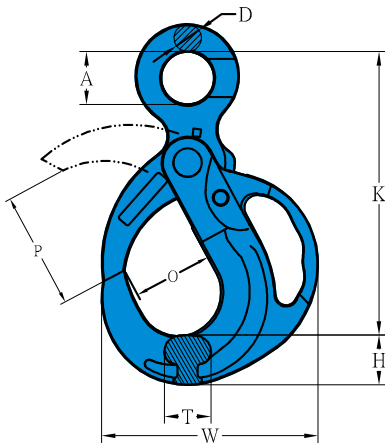
[www.yoke.net](http://www.yoke.net)



Quality Management System:







- Quenched and Tempered Alloy Steel.
- Manufactured in accordance with EN 1677- 1.
- Manufactured in accordance with ASTM A952/A952M, DIN PAS 1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

» American Patent



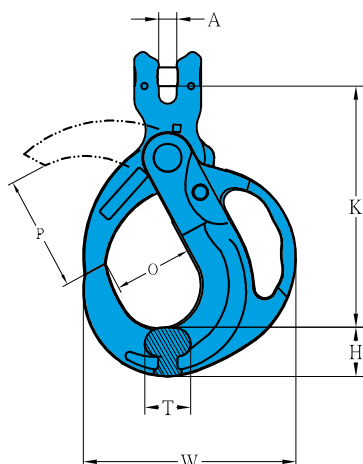
**8-P950**

For push lock replacement

## G-100 Eye Grip Safe Locking Hook

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     |     |     |    |     | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|----|----|-----|-----|-----|----|-----|------------|
|          | mm                        |                | A               | D  | H  | K   | O   | P   | T  | W   |            |
| X-950-10 | 10                        | 4.0            | 32              | 13 | 31 | 175 | 49  | 71  | 27 | 139 | 1.9        |
| X-950-13 | 13                        | 6.7            | 40              | 16 | 39 | 227 | 57  | 80  | 34 | 174 | 3.0        |
| X-950-16 | 16                        | 10.0           | 50              | 21 | 47 | 277 | 78  | 114 | 39 | 212 | 6.3        |
| X-950-20 | 20                        | 16.0           | 60              | 23 | 56 | 329 | 91  | 127 | 54 | 250 | 11.7       |
| X-950-22 | 22                        | 19.0           | 70              | 24 | 59 | 350 | 105 | 151 | 56 | 260 | 14.5       |

★ Design factor 4:1 proof tested and certified



- Quenched and Tempered Alloy Steel.
- Manufactured in accordance with EN 1677- 1.
- Manufactured in accordance with ASTM A952/A952M, DIN PAS 1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

» American Patent



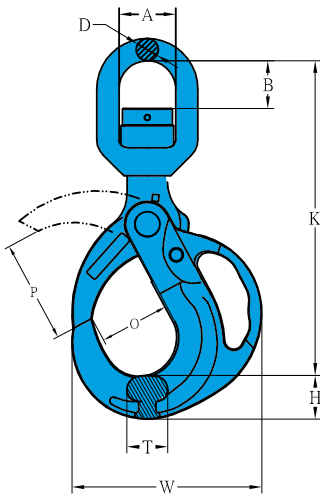
**8-P950**

For push lock replacement

## G-100 Clevis Grip Safe Locking Hook

| Item No.        | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |     |     |     |    |     | N.W.<br>kg |
|-----------------|---------------------------|----------------|-----------------|----|-----|-----|-----|----|-----|------------|
|                 | mm                        |                | A               | H  | K   | O   | P   | T  | W   |            |
| <b>X-951-10</b> | 10                        | 4.0            | 12.1            | 31 | 153 | 49  | 71  | 27 | 139 | 1.9        |
| <b>X-951-13</b> | 13                        | 6.7            | 15.5            | 39 | 206 | 57  | 80  | 34 | 174 | 4.1        |
| <b>X-951-16</b> | 16                        | 10.0           | 19.1            | 47 | 243 | 78  | 114 | 39 | 212 | 6.4        |
| <b>X-951-20</b> | 20                        | 16.0           | 24              | 56 | 310 | 91  | 127 | 54 | 250 | 12.7       |
| <b>X-951-22</b> | 22                        | 19.0           | 24.2            | 59 | 300 | 105 | 151 | 56 | 260 | 14.1       |

★ Design factor 4:1 proof tested and certified



- Quenched and Tempered Alloy Steel.
- Manufactured in accordance with EN 1677- 1.
- Manufactured in accordance with ASTM A952/A952M, DIN PAS 1061.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.
- Built with ball bearing and enables full swivel feature under load.

» American Patent



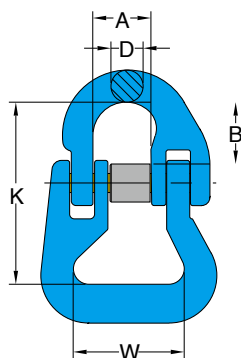
**8-P950**

For push lock replacement

## G-100 Swivel Grip Safe Locking Hook

| Item No.         | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |    |     |     |     |    |     | N.W.<br>kg |
|------------------|---------------------------|----------------|-----------------|----|----|----|-----|-----|-----|----|-----|------------|
|                  | mm                        |                | A               | B  | D  | H  | K   | O   | P   | T  | W   |            |
| <b>X-952N-10</b> | 10                        | 4.0            | 41              | 34 | 16 | 31 | 225 | 49  | 71  | 27 | 139 | 2.4        |
| <b>X-952N-13</b> | 13                        | 6.7            | 46              | 44 | 21 | 39 | 285 | 57  | 80  | 34 | 174 | 5.2        |
| <b>X-952N-16</b> | 16                        | 10.0           | 61              | 50 | 23 | 47 | 345 | 78  | 114 | 39 | 212 | 8.4        |
| <b>X-952N-20</b> | 20                        | 16.0           | 74              | 82 | 25 | 56 | 433 | 91  | 127 | 54 | 250 | 14.5       |
| <b>X-952N-22</b> | 22                        | 19.0           | 97              | 95 | 33 | 59 | 475 | 105 | 151 | 56 | 260 | 19.9       |

★ Design factor 4:1 proof tested and certified

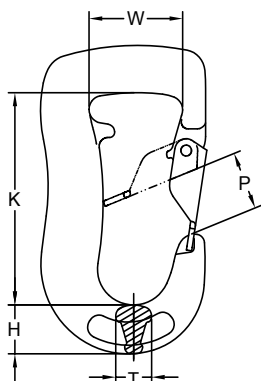


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1, PAS1061 and ASME B30.26.
- Certified by DGUV GS-OA-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

## G-100 Web Sling Connector

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |    |    |     |     | N.W. |
|----------|---------------------------|----------------|-----------------|----|----|-----|-----|------|
|          | mm                        |                | A               | B  | D  | K   | W   | kg   |
| X-016-06 | 6                         | 1.4            | 15              | 17 | 7  | 55  | 38  | 0.2  |
| X-016-07 | 7,8                       | 2.5            | 18              | 22 | 9  | 62  | 40  | 0.3  |
| X-016-10 | 10                        | 4.0            | 25              | 26 | 11 | 78  | 47  | 0.6  |
| X-016-13 | 13                        | 6.7            | 30              | 35 | 16 | 95  | 53  | 1.1  |
| X-016-16 | 16                        | 10.0           | 36              | 38 | 19 | 115 | 67  | 2.0  |
| X-016-20 | 20                        | 16.0           | 42              | 46 | 22 | 132 | 80  | 3.2  |
| X-016-22 | 22                        | 19.0           | 49              | 59 | 24 | 187 | 125 | 7.7  |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1, PAS1061 and ASME B30.26.
- Certified by DGUV GS-OA-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.



1 ton

2 ton

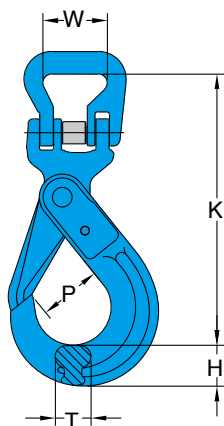
3 ton

5 ton

## G-100 Web Sling Hook

| Item No.        | Color  | WLL<br>tonnes* | Dimensions (mm) |     |    |    |    | N.W.<br>kg |
|-----------------|--------|----------------|-----------------|-----|----|----|----|------------|
|                 |        |                | H               | K   | P  | T  | W  |            |
| <b>X-032-01</b> | Violet | 1              | 20              | 89  | 25 | 15 | 43 | 0.7        |
| <b>X-032-02</b> | Green  | 2              | 27              | 116 | 30 | 20 | 53 | 1.5        |
| <b>X-032-03</b> | Yellow | 3              | 32              | 119 | 32 | 26 | 64 | 2.4        |
| <b>X-032-05</b> | Red    | 5              | 44              | 145 | 45 | 38 | 61 | 3.5        |

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3, PAS1061, ASTM A906/A906M, ASTM A952/A952M, ASME B30.9, ASME B30.10, ASME B30.26 and OSHA 1910.184.
- Certified by DGUV GS-OA-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

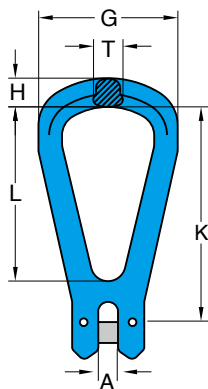


**8-P025T**  
for trigger

## G-100 Round Sling Self Locking Hook

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |     |    |    |     | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|-----|----|----|-----|------------|
|          | mm                        |                | H               | K   | P  | T  | W   |            |
| X-028-06 | 6                         | 1.4            | 19              | 138 | 29 | 15 | 38  | 0.6        |
| X-028-07 | 7,8                       | 2.5            | 24              | 169 | 34 | 20 | 40  | 1.1        |
| X-028-10 | 10                        | 4.0            | 30              | 196 | 44 | 26 | 47  | 1.8        |
| X-028-13 | 13                        | 6.7            | 39              | 253 | 52 | 30 | 53  | 3.9        |
| X-028-16 | 16                        | 10.0           | 49              | 305 | 60 | 36 | 67  | 6.9        |
| X-028-20 | 20                        | 16.0           | 62              | 328 | 90 | 48 | 80  | 12.0       |
| X-028-22 | 22                        | 19.0           | 63              | 416 | 80 | 49 | 125 | 18.6       |

★ Design factor 4:1 proof tested and certified.



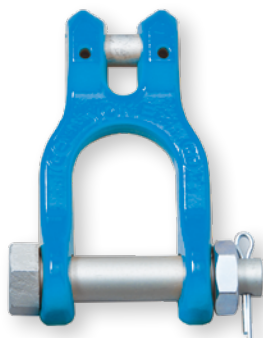
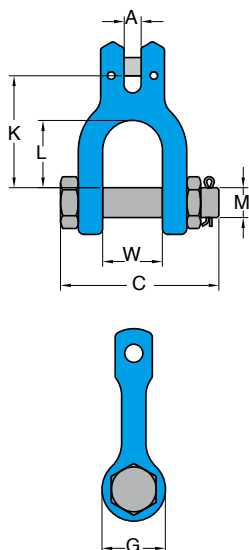
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

## G-100 Clevis Master Link

| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |     |    |     |     |    | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|-----|----|-----|-----|----|------------|
|          | mm                        |                | A               | G   | H  | K   | L   | T  |            |
| X-059-07 | 7,8                       | 2.5            | 9               | 65  | 15 | 99  | 80  | 15 | 0.4        |
| X-059-10 | 10                        | 4.0            | 11              | 80  | 18 | 125 | 100 | 19 | 0.8        |
| X-059-13 | 13                        | 6.7            | 14              | 108 | 22 | 168 | 136 | 25 | 1.5        |
| X-059-16 | 16                        | 10.0           | 18              | 124 | 26 | 198 | 158 | 27 | 2.4        |

★ Design factor 4:1 proof tested and certified





- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

## G-100 Clevis Shackle

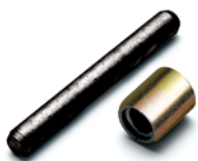
| Item No. | For<br>Grade 100<br>Chain | WLL<br>tonnes* | Dimensions (mm) |     |    |     |    |    |    | N.W.<br>kg |
|----------|---------------------------|----------------|-----------------|-----|----|-----|----|----|----|------------|
|          | mm                        |                | A               | C   | G  | K   | L  | M  | W  |            |
| X-066-07 | 7,8                       | 2.5            | 9               | 79  | 34 | 59  | 35 | 16 | 33 | 0.4        |
| X-066-10 | 10                        | 4.0            | 11              | 93  | 40 | 78  | 48 | 20 | 37 | 0.8        |
| X-066-13 | 13                        | 6.7            | 14              | 118 | 44 | 98  | 64 | 22 | 49 | 1.4        |
| X-066-16 | 16                        | 10.0           | 18              | 141 | 54 | 112 | 69 | 28 | 60 | 2.5        |

★ Design factor 4:1 proof tested and certified

# Accessories

## G-100 Coupling Pin & Sleeve Set.

for X-015



| Item No.  | Size       |       | Working Load Limit<br>tonnes* |
|-----------|------------|-------|-------------------------------|
|           | inch       | mm    |                               |
| X-P015-06 | 7/32       | 6     | 1.4                           |
| X-P015-07 | 1/4 - 5/16 | 7     | 2.5                           |
| X-P015-10 | 3/8        | 10    | 4.0                           |
| X-P015-13 | 1/2        | 13    | 6.7                           |
| X-P015-16 | 5/8        | 16    | 10.0                          |
| X-P015-20 | 3/4        | 18,20 | 16.0                          |
| X-P015-22 | 7/8        | 22    | 19.0                          |
| X-P015-26 | 1          | 26    | 26.5                          |
| X-P015-32 | 1 1/4      | 32    | 40.0                          |

## Latch Kits.

for 8-044, 8-043, X-044,  
X-043



| Item No.  | Size       |        |
|-----------|------------|--------|
|           | inch       | mm     |
| 8-P044-06 | 7/32       | 6      |
| 8-P044-07 | 1/4 - 5/16 | 7      |
| 8-P044-10 | 3/8        | 10     |
| 8-P044-13 | 1/2        | 13     |
| 8-P044-16 | 5/8        | 16.0   |
| 8-P044-20 | 3/4        | 18, 20 |
| 8-P044-22 | 7/8        | 22     |
| 8-P044-26 | 1          | 26     |
| 8-P044-32 | 1 1/4      | 32     |

## G-100 Coupling Pin & C-Sleeve Set.

for X-M015



| Item No.   | Size       |        | Working Load Limit<br>tonnes* |
|------------|------------|--------|-------------------------------|
|            | inch       | mm     |                               |
| X-PM015-06 | 7/32       | 6      | 1.4                           |
| X-PM015-07 | 1/4 - 5/16 | 7      | 2.5                           |
| X-PM015-10 | 3/8        | 10     | 4.0                           |
| X-PM015-13 | 1/2        | 13     | 6.7                           |
| X-PM015-16 | 5/8        | 16     | 10.0                          |
| X-PM015-20 | 3/4        | 18, 20 | 16.0                          |
| X-PM015-22 | 7/8        | 22     | 19.0                          |
| X-PM015-26 | 1          | 26     | 26.5                          |
| X-PM015-32 | 1-1/4      | 32     | 40.0                          |

## Trigger Kits For Grip Self Locking Hooks

For X-950, X-951, X-952N



| Item No.  | Size |       | Working Load Limit<br>tonnes* |
|-----------|------|-------|-------------------------------|
|           | inch | mm    |                               |
| 8-P950-10 | 3/8  | 10    | 4.0                           |
| 8-P950-13 | 1/2  | 13    | 6.7                           |
| 8-P950-16 | 5/8  | 16    | 10.0                          |
| 8-P950-20 | 3/4  | 20,22 | 16.0                          |

## G-100 Load Pin Kits

for X-026 , X-042 , X-043 , X-046



| Item No.  | Size       |        | Working Load Limit<br>tonnes* |
|-----------|------------|--------|-------------------------------|
|           | inch       | mm     |                               |
| X-P026-06 | 7/32       | 6      | 1.4                           |
| X-P026-07 | 1/4 - 5/16 | 7      | 1.5                           |
| X-P026-10 | 3/8        | 10     | 4.0                           |
| X-P026-13 | 1/2        | 13     | 6.7                           |
| X-P026-16 | 5/8        | 16     | 10.0                          |
| X-P026-20 | 3/4        | 18, 20 | 16.0                          |
| X-P026-22 | 7/8        | 22     | 19.0                          |

## Trigger Kits For Grip Self Locking Hooks

For X-950, X-951, X-952N



| Item No.  | Size |       | Working Load Limit<br>tonnes* |
|-----------|------|-------|-------------------------------|
|           | inch | mm    |                               |
| 8-P950-10 | 3/8  | 10    | 4.0                           |
| 8-P950-13 | 1/2  | 13    | 6.7                           |
| 8-P950-16 | 5/8  | 16    | 10.0                          |
| 8-P950-20 | 3/4  | 20,22 | 16.0                          |

## Trigger Kits for G80 and G100 Self Locking Hooks



| Item No.  | Size     |       |
|-----------|----------|-------|
|           | inch     | mm    |
| 8-P025-06 | 7/32     | 6     |
| 8-P025-07 | 1/4-5/16 | 7     |
| 8-P025-10 | 3/8      | 10    |
| 8-P025-13 | 1/2      | 13    |
| 8-P025-16 | 5/8      | 16    |
| 8-P025-20 | 3/4      | 18,20 |
| 8-P025-22 | 7/8      | 22    |
| 8-P025-26 | 1        | 26    |
| 8-P025-28 | 1-1/8    | 28    |

\*\*For G100 size 20mm: X-P025-20

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| X-025-13    | 8-P025-13       |
| X-025-16    | 8-P025-16       |
| X-025-20    | X-P025-20       |
| X-025-22    | 8-P025-22       |
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| X-025-28    | 8-P025-28       |
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| 8-025-07    | 8-P025-07       |
| 8-025-10    | 8-P025-10       |
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| 8-025-16    | 8-P025-16       |
| 8-025-20    | 8-P025T-20      |
| 8-025-22    | 8-P025-22       |
| 8-025-26    | 8-P025T-26      |
| 8-025-28    | 8-P025T-28      |

## New Trigger Kits for Self Locking Hooks size 20mm, 26mm, and 28mm after design change



| G80 size 20mm          |       |       |
|------------------------|-------|-------|
| Item No.               | Size  |       |
|                        | inch  | mm    |
| 8-P025T-20             | 3/4   | 18,20 |
| G80 and G100 size 26mm |       |       |
| Item No.               | Size  |       |
|                        | inch  | mm    |
| 8-P025T-26             | 1     | 26    |
| G80 size 28mm          |       |       |
| Item No.               | Size  |       |
|                        | inch  | mm    |
| 8-P025T-28             | 1-1/8 | 28    |



DISCOVERY VIDEO





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