

# Identification of our Master Links

To provide good readability and traceability our master links have the following marking:

## Product type

- M - represents single type master link.
- MT - represents master link assembly.
- OS - is an abbreviation for offshore. All Arctic offshore master links are marked with OS and complies with DNV 2.7-1.

## Size designation

- The size is linked to the WLL as well as to compatible products, like attachment couplers and other components.
- Trade size.
- The size expressed in inch.

## Approved by BG/DGUV

- H32 – represents Gunnebo Industries' manufacturing ID. The ID also represents a 3rd part audit by BG in Germany.

## Traceability code

- The traceability code is unique for the production batch and normally consists of a letter and a number; for example A2. The traceability code makes it possible to trace and track the product through the whole production process back to the raw material used for the actual product.

## Gunnebo Sweden

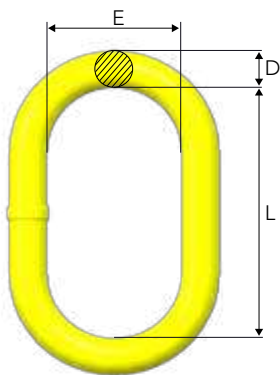
- To clearly highlight the Gunnebo Industries brand, our master links are marked with Gunnebo, Sweden.

## Meets the standards

- The markings fulfills the requirements of EN 1677-4, ASTM A952, AS 3775.2 and DNV 2.7-1.



## Master Link M



| Stock No. | Code        | WLL (lb) 5:1 |                               | L     | E     | D      | Weight (lb) |
|-----------|-------------|--------------|-------------------------------|-------|-------|--------|-------------|
|           |             | EN 1677-4    | A-952/A952M<br>AS 3775.2-2014 |       |       |        |             |
| Z101271   | M-6-10      | 3,306        | 3,306                         | 3.94  | 2.36  | 3/8"   | 0.44        |
| Z100818   | M-86-10     | 5510         | 7100                          | 4.72  | 2.36  | 1/2"   | 0.88        |
| Z101273   | M-108-10    | 8,800        | 11,460                        | 5.51  | 3.15  | 5/8"   | 1.76        |
| Z101274   | M-13-10     | 15,000       | 15,000                        | 5.91  | 3.54  | 3/4"   | 2.20        |
| Z101267   | M-1310-10   | 16,530       | 17,632                        | 6.30  | 3.74  | 7/8"   | 3.31        |
| Z101268   | M-1613-10   | 22,040       | 29,974                        | 7.48  | 4.33  | 11/8"  | 6.17        |
| Z101247   | M-19-10     | 26,448       | 35,300                        | 7.87  | 4.72  | 13/16" | 7.72        |
| Z101269   | M-2016-10   | 37,468       | 45,402                        | 9.45  | 5.51  | 13/8"  | 11.46       |
| Z101270   | M-2220-10   | 55,100       | 68,103                        | 9.84  | 5.91  | 19/16" | 16.09       |
| Z101275   | M-2622-10   | 61,712       | 70,528                        | 9.84  | 5.91  | 15/8"  | 19.18       |
| Z101284   | M-32-10     | 72,732       | 85,074                        | 11.81 | 7.09  | 13/4"  | 25.79       |
| Z101276   | M-3226-10   | 94,772       | 102,706                       | 11.81 | 7.87  | 2"     | 32.63       |
| Z101277   | M-3632-10   | 123,424      | 143,260                       | 13.78 | 7.87  | 21/8"  | 45.64       |
| Z101278   | M-4536-10   | 154,280      | 160,231                       | 14.76 | 8.27  | 23/8"  | 58.20       |
| Z101279   | M-90T-10    | 198,360      | 220,400                       | 17.72 | 9.84  | 23/4"  | 94.36       |
| Z101280   | M-125T-10** | 275,500      | 275,500                       | 17.72 | 10.24 | 31/8"  | 125.66      |

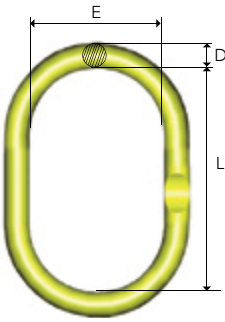
\*\* Dimension L and E not acc. to EN 1677-4.

Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M, AS 3775:2014 and AS 3776:2015.

5:1 Design Factor

## Master Link MF with engineered flat

For 1-, 2-, 3- and 4-leg slings. Designed for use with CL, CLD, CG and CGD. 3- and 4-leg chain slings require CLD / CGD.



| Stock No. | Code       | WLL (lb) 5:1 |                               | For chain size |       |        | L    | E    | D       | Weight (lb) |
|-----------|------------|--------------|-------------------------------|----------------|-------|--------|------|------|---------|-------------|
|           |            | EN 1677-4    | A-952/A952M<br>AS 3775.2-2014 | 1 leg          | 2 leg | 3-4leg |      |      |         |             |
| B14487    | MF-6-10    | 3,306        | 3,306                         | (6mm)          |       |        | 3.94 | 2.36 | 3/8"    | 0.44        |
| B14489    | MF-86-10   | 5510         | 7100                          | 5/16"          | (6mm) | -      | 4.72 | 2.36 | 1/2"    | 0.88        |
| B14482    | MF-108-10  | 8,800        | 11,460                        | 3/8"           | 5/16" | (6mm)  | 5.51 | 3.15 | 5/8"    | 1.76        |
| B14483    | MF-1310-10 | 16,530       | 17,632                        | 1/2"           | 3/8"  | 5/16"  | 6.30 | 3.74 | 7/8"    | 3.31        |
| B14484    | MF-1613-10 | 22,040       | 29,974                        | 5/8"           | 1/2"  | 3/8"   | 7.48 | 4.33 | 1 1/8"  | 6.17        |
| B14485    | MF-2016-10 | 37,468       | 45,402                        | 3/4"           | 5/8"  | 1/2"   | 9.45 | 5.51 | 1 3/8"  | 11.46       |
| B14486    | MF-2220-10 | 55,100       | 68,103                        | 7/8"           | 3/4"  | 5/8"   | 9.84 | 5.91 | 1 9/16" | 16.09       |

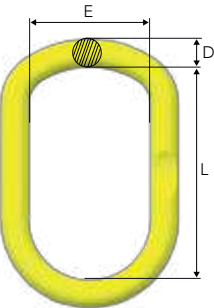
Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M, AS 3775:2014 and AS 3776:2015.

5:1 Design Factor



## Master Link MFH with engineered flat

Designed for crane hooks, DIN 15401 and 15402. Designed for use with CL, CLD, CG and CGD. 3- and 4-leg chain slings require CLD / CGD.



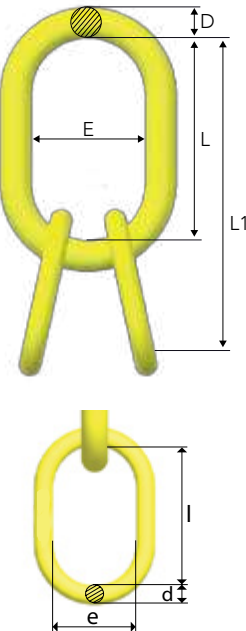
| Stock No. | Code         | WLL (lb) 5:1 |                               | For chain size |      |        | L     | E    | D       | DIN15401 | DIN15402 | Weight (lb) |
|-----------|--------------|--------------|-------------------------------|----------------|------|--------|-------|------|---------|----------|----------|-------------|
|           |              | EN 1677-4    | A-952/A952M<br>AS 3775.2-2014 | 1leg           | 2leg | 3-4leg |       |      |         |          |          |             |
| Z101262   | MFH-1310-10  | 16530        | 17632                         | 1/2"           | 3/8" | 5/16"  | 9.06  | 4.92 | 7/8"    | ≤12mm    | ≤16mm    | 4.19        |
| Z101263   | MFH-1613-10  | 22040        | 29974                         | 5/8"           | 1/2" | 3/8"   | 9.84  | 5.31 | 1 1/8"  | ≤12mm    | ≤16mm    | 7.05        |
| Z101264   | MFH-2016-10  | 37468        | 45402                         | 3/4"           | 5/8" | 1/2"   | 11.02 | 5.31 | 1 1/4"  | ≤16mm    | ≤20mm    | 10.14       |
| Z101265   | MFH-2220-10  | 61712        | 68104                         | 7/8"           | 3/4" | 5/8"   | 12.60 | 6.89 | 1 9/16" | ≤25mm    | ≤32mm    | 18.96       |
| Z101266   | MFHW-2220-10 | 61712        | 61712                         | 7/8"           | 3/4" | 5/8"   | 13.98 | 8.86 | 1 9/16" | ≤50mm    | ≤63mm    | 21.83       |

Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M-02, AS 3775:2014 and AS 3776:2015.

5:1 Design Factor

## Master Link with Sublinks MT

Designed for use with chain or wire rope. For 3- and 4-leg slings

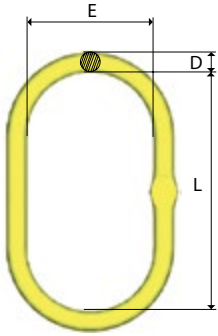


| Stock No. | Code     | WLL (lb) 5:1 |                               | L1   | L     | E    | D       | I     | e    | d       | Weight (lb) |
|-----------|----------|--------------|-------------------------------|------|-------|------|---------|-------|------|---------|-------------|
|           |          | EN 1677-4    | A-952/A952M<br>AS 3775.2-2014 |      |       |      |         |       |      |         |             |
| Z100091   | MT-6-10  | 7714         | 11020                         | 11.2 | 6.3   | 3.54 | 3/4"    | 4.72  | 2.36 | 1/2"    | 3.96        |
| Z100903   | MT-8-10  | 11461        | 17632                         | 11.8 | 6.3   | 3.74 | 7/8"    | 5.51  | 3.15 | 5/8"    | 6.61        |
| Z101359   | MT-9-10  | 15208        | 21378                         | 13.3 | 7.48  | 4.33 | 1-1/8"  | 6.30  | 3.54 | 3/4"    | 10.8        |
| Z100904   | MT-10-10 | 25346        | 35300                         | 14.1 | 7.87  | 4.72 | 1-3/16" | 6.30  | 3.74 | 7/8"    | 14.1        |
| Z100905   | MT-13-10 | 37468        | 57304                         | 17.3 | 9.84  | 5.91 | 1-9/16" | 7.48  | 4.33 | 1-1/8"  | 31.3        |
| Z100906   | MT-16-10 | 61712        | 77140                         | 19.6 | 11.81 | 7.87 | 2"      | 7.87  | 4.72 | 1-1/4"  | 50.7        |
| Z101074   | MT-20-10 | 77140        | 110200                        | 21.6 | 11.81 | 7.87 | 2-1/8"  | 9.84  | 5.91 | 1-9/16" | 69.4        |
| Z101281   | MT-22-10 | 116812       | 165300                        | 24.0 | 13.78 | 7.87 | 2-3/8"  | 10.24 | 5.51 | 1-3/4"  | 101         |
| Z101282   | MT-26-10 | 154280       | 220400                        | 28.7 | 17.72 | 9.84 | 2-3/4"  | 11.02 | 6.3  | 2       | 156         |
| Z101283   | MT-32-10 | 198360       | 275500                        | 28.7 | 17.72 | 10.2 | 3-1/8"  | 11.02 | 6.3  | 2-1/8"  | 200         |

Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M, AS 3775:2014 and AS 3776:2015.

Engineered flat on the sublinks for sizes up to MT-16-10 except MT-9-10.

5:1 Design Factor



## Master Link MFX with engineered flat

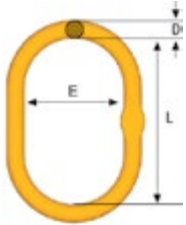
Oversized, for 1- and 2-leg slings. Designed for use with CL, CLD, CG and CGD.

| Stock No. | Code        | WLL (lb) 5:1 |                            | For chain 1-leg | For chain 2-leg | L     | E    | D      | Weight (lb) |
|-----------|-------------|--------------|----------------------------|-----------------|-----------------|-------|------|--------|-------------|
|           |             | EN 1677-4    | A-952/A952M AS 3775.2-2014 |                 |                 |       |      |        |             |
| Z100550   | MFX-108-10  | 9367         | 11461                      | 5/16", 3/8"     | 5/16"           | 13.39 | 7.09 | 1"     | 8.16        |
| Z100551   | MFX-1310-10 | 16530        | 17632                      | 1/2"            | 3/8"            | 13.39 | 7.09 | 11/8"  | 10.36       |
| Z100552   | MFX-1613-10 | 24685        | 29974                      | 5/8"            | 1/2"            | 13.39 | 7.09 | 13/8"  | 15.65       |
| Z101125   | MFX-2016-10 | 35300        | 45402                      | 3/4"            | 5/8"            | 13.39 | 7.09 | 19/16" | 21.16       |

Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M-02, AS 3775:2014 and AS 3776:2015.  
5:1 Design Factor

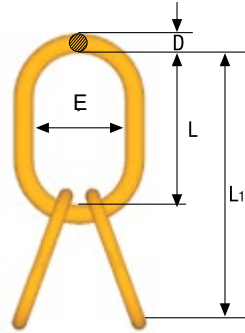
## Master Link MF with engineered flat

Classic yellow paint.



| Stock No. | Code       | WLL (lb) |             | L    | E    | D    | Weight (lb) |
|-----------|------------|----------|-------------|------|------|------|-------------|
|           |            | EN1677-4 | A-952/A952M |      |      |      |             |
| Z100817   | MF-86-10   | 5510     | 7100        | 4.72 | 2.36 | 0.51 | 0.88        |
| Z100861   | MF-108-10  | 8800     | 11460       | 5.51 | 3.15 | 0.67 | 1.76        |
| Z100862   | MF-1310-10 | 16530    | 17632       | 6.30 | 3.74 | 0.87 | 3.31        |
| Z100863   | MF-1613-10 | 22040    | 29974       | 7.48 | 4.33 | 1.10 | 5.51        |
| Z100864   | MF-2016-10 | 37468    | 45402       | 9.45 | 5.51 | 1.34 | 11.46       |
| Z100865   | MF-2220-10 | 55100    | 68103       | 9.84 | 5.91 | 1.57 | 16.09       |

5:1 Design Factor. Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.

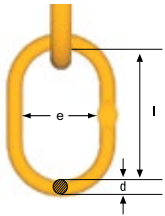


## Master Link with Sub Links MT

Engineered flat on the sublinks. Classic yellow paint.

| Stock No. | Code     | WLL (lb) |             | For chain 3-4-leg | L1    | L     | E    | D    | l    | e    | d    | Weight (lb) |
|-----------|----------|----------|-------------|-------------------|-------|-------|------|------|------|------|------|-------------|
|           |          | EN1677-4 | A-952/A952M |                   |       |       |      |      |      |      |      |             |
| Z100819   | MT-6-10  | 7 714    | 11 020      | (6mm)             | 10.63 | 5.91  | 3.54 | 0.75 | 4.72 | 2.36 | 0.51 | 3.97        |
| Z100889   | MT-8-10  | 11 461   | 17 632      | 9/32", 5/16"      | 11.81 | 6.30  | 3.74 | 0.87 | 5.51 | 3.15 | 0.67 | 6.61        |
| Z100890   | MT-10-10 | 25 346   | 35 300      | 3/8"              | 14.17 | 7.87  | 4.72 | 1.18 | 6.30 | 3.74 | 0.87 | 14.11       |
| Z100891   | MT-13-10 | 37 468   | 57 304      | 1/2"              | 17.72 | 9.84  | 5.91 | 1.57 | 7.87 | 4.72 | 1.18 | 31.31       |
| Z100892   | MT-16-10 | 61 712   | 77 140      | 5/8"              | 19.69 | 11.81 | 7.87 | 1.97 | 7.87 | 4.72 | 1.26 | 50.71       |

5:1 Design Factor. Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.



## Master Link MF HDG with engineered flat

| Stock No. | Code          | WLL (lb) |             | L    | E    | D    | Weight (lb) |
|-----------|---------------|----------|-------------|------|------|------|-------------|
|           |               | EN1677-4 | A-952/A952M |      |      |      |             |
| BG14481   | MF-86-8 HDG   | 4500     | 5510        | 4.72 | 2.36 | 0.51 | 1.10        |
| BG14482   | MF-108-8 HDG  | 7100     | 8800        | 5.51 | 3.15 | 0.67 | 1.76        |
| BG14483   | MF-1310-8 HDG | 12000    | 15000       | 6.30 | 3.74 | 0.87 | 3.31        |
| BG14484   | MF-1613-8 HDG | 18000    | 22600       | 7.48 | 4.33 | 1.1  | 6.17        |

5:1 Design Factor.