



## ANCHORS

**LEWMAR®**

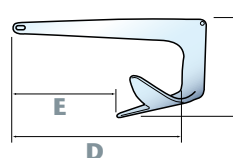
**CLAW  
ANCHORS**



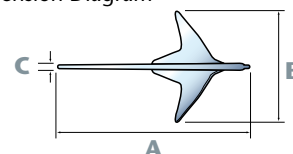
Stainless  
Steel  
Claw



Galvanised  
Claw



Dimension Diagram\*



**Claw Anchor Specifications\***

| Galvanised Part Number | Stainless Steel Number | Anchor Weight |      | Recommended Chain Size |                | A    |                   | B   |                   | C  |                 | D   |                   | E   |                  | F   |                  |
|------------------------|------------------------|---------------|------|------------------------|----------------|------|-------------------|-----|-------------------|----|-----------------|-----|-------------------|-----|------------------|-----|------------------|
|                        |                        | kg            | lb   | mm                     | in             | mm   | in                | mm  | in                | mm | in              | mm  | in                | mm  | in               | mm  | in               |
| MM LEW 0057901         | MM LEW 0058901         | 1             | 2.2  | 5                      | $\frac{3}{16}$ | 290  | $11\frac{1}{16}$  | 200 | $7\frac{7}{8}$    | 6  | $\frac{1}{4}$   | 265 | $10\frac{7}{16}$  | 155 | $6\frac{1}{8}$   | 150 | $5\frac{7}{8}$   |
| MM LEW 0057902         | MM LEW 0058902         | 2             | 4.4  | 5                      | $\frac{3}{16}$ | 360  | $14\frac{3}{16}$  | 250 | $9\frac{13}{16}$  | 8  | $\frac{5}{16}$  | 325 | $12\frac{3}{4}$   | 190 | $7\frac{1}{2}$   | 180 | $7\frac{1}{16}$  |
| MM LEW 0057905         | MM LEW 0058905         | 5             | 11   | 5                      | $\frac{3}{16}$ | 470  | $18\frac{1}{2}$   | 310 | $12\frac{3}{16}$  | 10 | $\frac{3}{8}$   | 415 | $16\frac{5}{16}$  | 270 | $10\frac{5}{8}$  | 230 | $9\frac{1}{16}$  |
| MM LEW 0057907         | MM LEW 0058907         | 7.5           | 16.5 | 6                      | $\frac{1}{4}$  | 495  | $19\frac{1}{2}$   | 330 | 13                | 10 | $\frac{3}{8}$   | 430 | $16\frac{15}{16}$ | 280 | 11               | 260 | $10\frac{1}{4}$  |
| MM LEW 0057910         | MM LEW 0058910         | 10            | 22   | 8                      | $\frac{5}{16}$ | 540  | $21\frac{1}{4}$   | 360 | $14\frac{3}{16}$  | 11 | $\frac{7}{16}$  | 465 | $18\frac{5}{16}$  | 305 | 12               | 285 | $11\frac{1}{4}$  |
| MM LEW 0057915         | MM LEW 0058915         | 15            | 33   | 8                      | $\frac{5}{16}$ | 625  | $24\frac{5}{8}$   | 420 | $16\frac{9}{16}$  | 13 | $\frac{1}{2}$   | 530 | $20\frac{7}{8}$   | 340 | $13\frac{3}{8}$  | 330 | 13               |
| MM LEW 0057920         | MM LEW 0058920         | 20            | 44   | 10                     | $\frac{3}{8}$  | 700  | $27\frac{9}{16}$  | 460 | $18\frac{1}{8}$   | 17 | $\frac{11}{16}$ | 590 | $23\frac{1}{4}$   | 365 | $14\frac{3}{8}$  | 335 | $13\frac{3}{16}$ |
| MM LEW 0057930         | MM LEW 0058930         | 30            | 66   | 10                     | $\frac{3}{8}$  | 825  | $32\frac{1}{2}$   | 525 | $20\frac{11}{16}$ | 19 | $\frac{3}{4}$   | 705 | $27\frac{3}{4}$   | 425 | $16\frac{3}{4}$  | 395 | $15\frac{9}{16}$ |
| MM LEW 0057950         |                        | 50            | 110  | 12                     | $\frac{1}{2}$  | 955  | $37\frac{5}{8}$   | 645 | $25\frac{3}{8}$   | 23 | $\frac{15}{16}$ | 780 | $30\frac{11}{16}$ | 490 | $19\frac{5}{16}$ | 440 | $17\frac{5}{16}$ |
| MM LEW 0057980         |                        | 80            | 176  | 12                     | $\frac{1}{2}$  | 1065 | $41\frac{15}{16}$ | 710 | 28                | 26 | 1               | 865 | $34\frac{1}{16}$  | 540 | $21\frac{9}{16}$ | 485 | $19\frac{1}{8}$  |

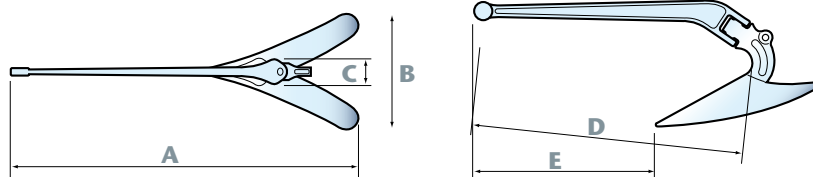
\*Dimensions relates to the Galvanised Claw anchors. Stainless Steel Claw dimension available on request.

**Claw Anchor Selection Guide**

|      | Anchor Weight |      | Boat Length Overall |                |                 |                 |                 |                 |                 |                 |
|------|---------------|------|---------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|      | kg            | lb   | 6 m<br>20 ft        | 9.2 m<br>30 ft | 12.2 m<br>40 ft | 15.2 m<br>50 ft | 18.3 m<br>60 ft | 21.3 m<br>70 ft | 24.4 m<br>80 ft | 27.4 m<br>90 ft |
| Claw | 1             | 2.2  |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 2             | 4.4  |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 5             | 11   |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 7.5           | 16.5 |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 10            | 22   |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 15            | 33   |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 20            | 44   |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 30            | 66   |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 50            | 110  |                     |                |                 |                 |                 |                 |                 |                 |
| Claw | 80            | 176  |                     |                |                 |                 |                 |                 |                 |                 |

**LEWMAR®****C.Q.R.™  
ANCHOR**

Dimension Diagram

**C.Q.R.™ Anchor Specifications**

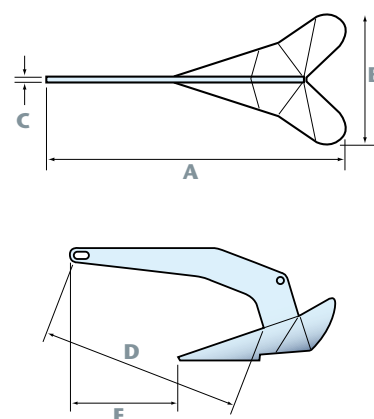
| Galvanised Part Number | Stainless Steel Number | Anchor Weight |      | Recommended Chain Size |                 | A    |                  | B    |                 | C   |                | D     |                 | E    |                 |
|------------------------|------------------------|---------------|------|------------------------|-----------------|------|------------------|------|-----------------|-----|----------------|-------|-----------------|------|-----------------|
|                        |                        | kg            | lb   | mm                     | in              | mm   | in               | mm   | in              | mm  | in             | mm    | in              | mm   | in              |
| MM LEW 0056503         |                        | 7             | 15   | 6                      | $\frac{1}{4}$   | 660  | 26               | 235  | $9\frac{1}{4}$  | 55  | $2\frac{1}{8}$ | 552   | $21\frac{3}{4}$ | 330  | 13              |
| MM LEW 0056504         |                        | 9             | 20   | 8                      | $\frac{5}{16}$  | 775  | $30\frac{1}{2}$  | 246  | $9\frac{3}{8}$  | 60  | $2\frac{3}{8}$ | 647   | $25\frac{1}{2}$ | 370  | $14\frac{1}{2}$ |
| MM LEW 0056505         |                        | 11            | 25   | 8                      | $\frac{5}{16}$  | 825  | $32\frac{1}{2}$  | 282  | $11\frac{1}{8}$ | 65  | $2\frac{1}{2}$ | 677   | $26\frac{5}{8}$ | 390  | $15\frac{3}{8}$ |
| MM LEW 0056506         |                        | 16            | 35   | 8                      | $\frac{5}{16}$  | 981  | $38\frac{3}{8}$  | 328  | 13              | 76  | 3              | 776   | $30\frac{1}{2}$ | 513  | $20\frac{1}{8}$ |
| MM LEW 0056507         |                        | 20            | 44   | 10                     | $\frac{3}{8}$   | 1037 | $40\frac{3}{8}$  | 355  | 14              | 83  | $3\frac{1}{4}$ | 828   | $32\frac{1}{2}$ | 528  | $20\frac{3}{4}$ |
| MM LEW 0056508         | MM LEW 0056205         | 27            | 60   | 10                     | $\frac{3}{8}$   | 1117 | 44               | 390  | $15\frac{3}{8}$ | 89  | $3\frac{1}{2}$ | 913   | 36              | 555  | $21\frac{7}{8}$ |
| MM LEW 0056509         | MM LEW 0056206         | 34            | 75   | 12                     | $\frac{1}{2}$   | 1190 | $46\frac{7}{8}$  | 412  | $16\frac{1}{4}$ | 94  | $3\frac{3}{4}$ | 978   | $38\frac{1}{2}$ | 570  | $22\frac{1}{2}$ |
| MM LEW 0056510         | MM LEW 0056207         | 48            | 105  | 11                     | $\frac{7}{16}$  | 1196 | 47               | 485  | 19              | 120 | $4\frac{3}{4}$ | 843   | $33\frac{1}{8}$ | 530  | $20\frac{7}{8}$ |
| MM LEW 0056511         | MM LEW 0056208         | 66            | 140  | 12.5                   | $\frac{1}{2}$   | 1337 | $52\frac{3}{8}$  | 537  | $21\frac{1}{8}$ | 128 | 5              | 933   | $36\frac{3}{4}$ | 583  | 23              |
| MM LEW 0056513         | MM LEW 0056209         | 81            | 180  | 12.5                   | $\frac{1}{2}$   | 1450 | 57               | 582  | 23              | 138 | $5\frac{1}{2}$ | 1010  | $39\frac{3}{4}$ | 634  | 25              |
| MM LEW 0056515         | MM LEW 0056210         | 108           | 240  | 12.5                   | $\frac{1}{2}$   | 1560 | $61\frac{1}{2}$  | 641  | $25\frac{1}{4}$ | 146 | $5\frac{3}{4}$ | 11005 | $43\frac{1}{2}$ | 694  | $27\frac{3}{8}$ |
| MM LEW 0056530         | MM LEW 0056211         | 137           | 300  | 14                     | $\frac{9}{16}$  | 1682 | $66\frac{1}{4}$  | 693  | $27\frac{1}{4}$ | 154 | 6              | 1194  | 47              | 746  | $29\frac{3}{8}$ |
| MM LEW 0056540         |                        | 182           | 400  | 16                     | $\frac{5}{8}$   | 1865 | $73\frac{1}{2}$  | 763  | 30              | 164 | $6\frac{1}{2}$ | 1319  | 52              | 828  | $32\frac{1}{2}$ |
| MM LEW 0056550         |                        | 227           | 500  | 17.5                   | $\frac{11}{16}$ | 2109 | 83               | 825  | $32\frac{1}{2}$ | 174 | $6\frac{7}{8}$ | 1430  | $56\frac{1}{4}$ | 875  | $34\frac{1}{2}$ |
| MM LEW 0056560         |                        | 273           | 600  | 17.5                   | $\frac{11}{16}$ | 2138 | $84\frac{1}{8}$  | 870  | $34\frac{1}{4}$ | 184 | $7\frac{1}{4}$ | 1511  | $59\frac{1}{2}$ | 949  | $37\frac{3}{8}$ |
|                        | MM LEW 0056217         | 500           | 1100 | 22                     | $\frac{7}{8}$   | 2628 | $103\frac{1}{2}$ | 1064 | $41\frac{7}{8}$ | 216 | $8\frac{1}{2}$ | 1847  | $72\frac{3}{4}$ | 1168 | 46              |

**C.Q.R.™ Anchor Selection Guide**

|         | Anchor Weight |     | Boat Length Overall |                |                 |                 |                 |                 |             |
|---------|---------------|-----|---------------------|----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|         | kg            | lb  | 6 m<br>20 ft        | 9.2 m<br>30 ft | 12.2 m<br>40 ft | 15.2 m<br>50 ft | 18.3 m<br>60 ft | 21.3 m<br>70 ft | 80 ft       |
| C.Q.R.™ | 7             | 15  | <div></div>         |                |                 |                 |                 |                 |             |
| C.Q.R.™ | 9             | 20  | <div></div>         | <div></div>    |                 |                 |                 |                 |             |
| C.Q.R.™ | 11            | 25  | <div></div>         | <div></div>    | <div></div>     |                 |                 |                 |             |
| C.Q.R.™ | 16            | 35  | <div></div>         | <div></div>    | <div></div>     |                 |                 |                 |             |
| C.Q.R.™ | 20            | 44  | <div></div>         | <div></div>    | <div></div>     | <div></div>     |                 |                 |             |
| C.Q.R.™ | 27            | 60  | <div></div>         | <div></div>    | <div></div>     | <div></div>     | <div></div>     |                 |             |
| C.Q.R.™ | 34            | 75  | <div></div>         | <div></div>    | <div></div>     | <div></div>     | <div></div>     | <div></div>     |             |
| C.Q.R.™ | 48            | 105 | <div></div>         | <div></div>    | <div></div>     | <div></div>     | <div></div>     | <div></div>     | <div></div> |

**LEWMAR®****DELTA™  
ANCHOR**Galvanized  
Delta™  
AnchorStainless  
Steel Delta™  
Anchor

Dimension Diagram

**Delta™ Anchor Stainless and Galvanised Specifications**

| Galvanised Part Number | Stainless Steel Number | Anchor Weight |     | Recommended Chain Size |      | A    |        | B     |        | C  |      | D   |        | E   |        |
|------------------------|------------------------|---------------|-----|------------------------|------|------|--------|-------|--------|----|------|-----|--------|-----|--------|
|                        |                        | kg            | lb  | mm                     | in   | mm   | in     | mm    | in     | mm | in   | mm  | in     | mm  | in     |
| MM LEW 0057404         |                        | 4             | 9   | 6-7                    | 1/4  | 514  | 20 1/4 | 230   | 9      | 8  | 5/16 | 387 | 15 1/4 | 210 | 8 1/4  |
| MM LEW 0057406         | MM LEW 0057306         | 6             | 14  | 6-7                    | 1/4  | 593  | 23 3/8 | 265   | 10 3/8 | 10 | 3/8  | 450 | 17 5/8 | 243 | 9 1/2  |
| MM LEW 0057410         | MM LEW 0057310         | 10            | 22  | 8                      | 5/16 | 695  | 27 3/8 | 310   | 12 1/4 | 13 | 1/2  | 526 | 20 5/8 | 282 | 11 1/8 |
| MM LEW 0057416         | MM LEW 0057316         | 16            | 35  | 8                      | 5/16 | 812  | 32     | 362   | 14 1/4 | 13 | 1/2  | 614 | 24 1/8 | 328 | 13     |
| MM LEW 0057420         | MM LEW 0057320         | 20            | 44  | 10                     | 3/8  | 877  | 34 1/2 | 392   | 15 3/8 | 16 | 5/8  | 663 | 26 1/8 | 357 | 14     |
| MM LEW 0057425         | MM LEW 0057325         | 25            | 55  | 10                     | 3/8  | 945  | 37 1/4 | 415   | 16 3/8 | 16 | 5/8  | 713 | 28     | 387 | 15 1/4 |
| MM LEW 0057432         | MM LEW 0057332         | 32            | 70  | 10                     | 3/8  | 1023 | 40 1/4 | 453.5 | 17 4/5 | 20 | 3/4  | 775 | 30 1/2 | 425 | 16 3/4 |
| MM LEW 0057440         | MM LEW 0057340         | 40            | 88  | 10                     | 3/8  | 1103 | 43 1/2 | 489   | 19 1/4 | 20 | 3/4  | 883 | 32 3/4 | 437 | 17 1/4 |
| MM LEW 0057450         | MM LEW 0057350         | 50            | 110 | 12                     | 1/2  | 1175 | 46 1/4 | 523   | 20 1/2 | 20 | 3/4  | 890 | 35     | 479 | 18 7/8 |
| MM LEW 0057463         | MM LEW 0057363         | 63            | 140 | 12                     | 1/2  | 1270 | 50     | 567   | 20 3/8 | 22 | 7/8  | 963 | 38     | 508 | 20     |

**Delta™ Anchor Selection Guide**

|        | Anchor Weight |     | Boat Length Overall |                |                 |                 |                 |                 |                 |                 |
|--------|---------------|-----|---------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|        | kg            | lb  | 6 m<br>20 ft        | 9.2 m<br>30 ft | 12.2 m<br>40 ft | 15.2 m<br>50 ft | 18.3 m<br>60 ft | 21.3 m<br>70 ft | 24.4 m<br>80 ft | 27.4 m<br>90 ft |
| Delta™ | 4             | 9   |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 6             | 14  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 10            | 22  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 16            | 35  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 20            | 44  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 25            | 55  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 32            | 70  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 40            | 88  |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 50            | 110 |                     |                |                 |                 |                 |                 |                 |                 |
| Delta™ | 63            | 140 |                     |                |                 |                 |                 |                 |                 |                 |

## BOLLARDS

### AISI 316 STAINLESS STEEL BOLLARDS



#### AISI 316

American style, sturdy and practical, mirror polished finish.

| Hollow Cleats    |           |              |        |                  |
|------------------|-----------|--------------|--------|------------------|
| Code             | Length mm | Wheelbase mm |        | Optional Base    |
|                  |           | long.        | trasv. |                  |
| MM OSC 40.132.12 | 125       | 54.2         | 24.7   | -                |
| MM OSC 40.132.15 | 150       | 57.4         | 27.2   | MM OSC 40.132.45 |
| MM OSC 40.132.20 | 200       | 71.2         | 33.3   | MM OSC 40.132.46 |
| MM OSC 40.132.25 | 250       | 93.2         | 44.6   | MM OSC 40.132.47 |
| MM OSC 40.132.30 | 300       | 100.0        | 49.2   | -                |



Made of white plastic, to be fitted as washers under cleats 40.132.15/20/25; prevent oxide stains and make a good finished bollard.

| Bases            |                  |
|------------------|------------------|
| Code             | For Bollards     |
| MM OSC 40.132.45 | MM OSC 40.132.15 |
| MM OSC 40.132.46 | MM OSC 40.132.20 |
| MM OSC 40.132.47 | MM OSC 40.132.25 |



#### AISI 316

● oval section

| "Hollow" cleats with enlarged back |           |              |        |         |
|------------------------------------|-----------|--------------|--------|---------|
| Code                               | Length mm | Wheelbase mm |        | Section |
|                                    |           | long.        | trasv. |         |
| MM OSC 40.104.12                   | 120       | 43.2         | 31.7   | oval    |
| MM OSC 40.104.15                   | 150       | 55.3         | 38.9   | oval    |
| MM OSC 40.104.20                   | 200       | 74.9         | 41.0   | oval    |
| MM OSC 40.104.25                   | 250       | 93.2         | 47.5   | oval    |



#### AISI 316

American style, higher strength than the standard model 40.132.15/30, elegant, very sturdy.

| HEAVY DUTY Hollow Cleats |           |                     |                     |
|--------------------------|-----------|---------------------|---------------------|
| Code                     | Length mm | Wheelbase long. mm. | Wheelbase trasv. mm |
| MM OSC 40.134.20         | 200       | 84.5                | 45.2                |
| MM OSC 40.134.25         | 254       | 95.4                | 46.9                |
| MM OSC 40.134.30         | 305       | 121.7               | 63.3                |
| MM OSC 40.134.38         | 380       | 123.7               | 65.1                |

## AISI 316 STAINLESS STEEL BOLLARDS



## AISI 316

Stud mounting, made of mirror polished AISI 316 stainless steel.

| HEAVY DUTY Hollow Cleats |           |               |
|--------------------------|-----------|---------------|
| Code                     | Length mm | Wheelbase mm. |
| MM OSC 40.135.25         | 250       | 95.3          |
| MM OSC 40.135.30         | 300       | 122.4         |



## AISI 316

Designed for stud mounting, made of mirror polished AISI 316 stainless steel.

| "Camel" cleats   |           |              |         |                    |
|------------------|-----------|--------------|---------|--------------------|
| Code             | Length mm | Wheelbase mm | Ø studs | Base s.s. Optional |
| MM OSC 40.133.15 | 150       | 45.4         | 6       | MM OSC 40.133.50   |
| MM OSC 40.133.20 | 200       | 59.6         | 8       | MM OSC 40.133.51   |
| MM OSC 40.133.25 | 250       | 76.3         | 10      | MM OSC 40.133.52   |
| MM OSC 40.133.30 | 300       | 91.8         | 12      | MM OSC 40.133.53   |



## AISI 316

Stud mounting, made of AISI 316 stainless steel, mirror polished. With respect to version A, they have been hollowed out in their non-visible lower part.

| "Camel B" cleats, light version |           |                    |         |                               |
|---------------------------------|-----------|--------------------|---------|-------------------------------|
| Code                            | Length mm | Centre distance mm | Ø studs | Stainless steel base Optional |
| MM OSC 40.133.40                | 150       | 45.4               | 6       | MM OSC 40.133.50              |
| MM OSC 40.133.41                | 200       | 59.6               | 8       | MM OSC 40.133.51              |
| MM OSC 40.133.42                | 250       | 76.3               | 10      | MM OSC 40.133.52              |



## AISI 316

| Reinforcement/finishing base for "Camel" cleats |        |                  |
|-------------------------------------------------|--------|------------------|
| Code                                            | mm     | For cleats       |
| MM OSC 40.133.50                                | 25x65  | MM OSC 40.133.15 |
| MM OSC 40.133.51                                | 35x90  | MM OSC 40.133.20 |
| MM OSC 40.133.52                                | 50x110 | MM OSC 40.133.25 |
| MM OSC 40.133.53                                | 60x140 | MM OSC 40.133.30 |



## AISI 316

Made of AISI 316 stainless steel, aerodynamic design, special high-quality finish, 2-stud mounting.

| New "Italian Style" cleats |           |           |              |         |
|----------------------------|-----------|-----------|--------------|---------|
| Code                       | Length mm | Height mm | wheelbase mm | Ø studs |
| MM OSC 40.174.18           | 180       | 32        | 59.6         | 8       |
| MM OSC 40.174.24           | 240       | 43        | 79.5         | 12      |
| MM OSC 40.174.30           | 300       | 70        | 103.3        | 16      |
| MM OSC 40.174.37           | 370       | 73        | 119.5        | 16      |

## AISI 316 STAINLESS STEEL BOLLARDS



## AISI 316

Made of mirror polished AISI 316 stainless steel, stud mounting.

| BULL DOG cleats  |           |                 |            |                   |                             |
|------------------|-----------|-----------------|------------|-------------------|-----------------------------|
| Code             | Length mm | Centre distance | studs Ø mm | Recommended studs | White plastic base Optional |
| MM OSC 40.131.16 | 160       | 53              | 8          | MM OSC 40.142.09  | MM OSC 40.131.40            |
| MM OSC 40.131.20 | 200       | 64              | 10         | MM OSC 40.142.11  | MM OSC 40.131.41            |
| MM OSC 40.131.25 | 250       | 80              | 10         | MM OSC 40.142.11  | MM OSC 40.131.42            |
| MM OSC 40.131.30 | 300       | 95              | 12         | MM OSC 40.142.12  | -                           |



## AISI 316

Help prevent possible oxide filtering and give a better look to the cleats

| White Plastic gaskets for the base of BULL-DOG cleats |                  |
|-------------------------------------------------------|------------------|
| Code                                                  | For Bollards     |
| MM OSC 40.131.40                                      | MM OSC 40.131.16 |
| MM OSC 40.131.41                                      | MM OSC 40.131.20 |
| MM OSC 40.131.42                                      | MM OSC 40.131.25 |

Made of mirror polished AISI 316 stainless steel, 2-stud mounting.

| "Nordik" cleats  |      |      |      |      |                   |         |
|------------------|------|------|------|------|-------------------|---------|
| Code             | A mm | B mm | C mm | D mm | E mm              | Ø studs |
| MM OSC 40.137.01 | 150  | 45   | 90   | 47   | 30                | 8       |
| MM OSC 40.137.02 | 205  | 55   | 120  | 69   | 35                | 10      |
| MM OSC 40.137.03 | 265  | 70   | 150  | 83   | 40                | 12      |
| MM OSC 40.137.04 | 310  | 80   | 160  | 83   | 50                | 16      |
| MM OSC 40.137.05 | 310  | 80   | 200  | 83   | 85 with oval base | 16      |
| MM OSC 40.137.06 | 360  | 90   | 200  | 100  | 60                | 16      |
| MM OSC 40.137.08 | 500  | 120  | 280  | 155  | 85                | 16      |



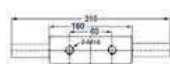
40.137.03



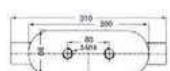
40.137.05



40.137.08



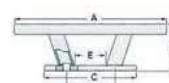
40.137.04



40.137.05



40.137.06



Mirror-polished AISI 316 stainless steel mooring bollard fixed by means of 2 studs.

| NORDIK STYLE mooring bollard |      |      |      |      |      |      |         |
|------------------------------|------|------|------|------|------|------|---------|
| Code                         | A mm | B mm | C mm | D mm | E mm | F mm | Ø studs |
| MM OSC 40.178.04             | 310  | 80   | 160  | 83   | 50   | 50   | 16      |



**AISI 316 STAINLESS STEEL BOLLARDS****AISI 316****Cleats made in stainless steel AISI 316, mirror polished, SCANDINAVIAN**

| Code             | Length mm | Height mm | Wheelbase mm | Ø studs mm | Fixed   |
|------------------|-----------|-----------|--------------|------------|---------|
| MM OSC 40.137.28 | 203       | 52        | 76           | 10         | 2 studs |
| MM OSC 40.137.30 | 254       | 57        | 102          | 12         | 2 studs |

**AISI 316****Fairleads/cleats made in stainless steel AISI 316, mirror polished, SCANDINAVIAN**

| Code             | Length mm | Height mm | Wheelbase mm | Ø studs mm | Fixed   |
|------------------|-----------|-----------|--------------|------------|---------|
| MM OSC 40.137.85 | 203       | 52        | 76           | 10         | 2 studs |

**AISI 316**

Made of mirror polished AISI 316 stainless steel; supplied with studs.

**OFFSET asymmetric cleats**

| Code             | Length mm | Height mm | Wheelbase mm | Ø studs mm |
|------------------|-----------|-----------|--------------|------------|
| MM OSC 40.141.15 | 152       | 40        | 55           | 8          |
| MM OSC 40.141.20 | 203       | 46        | 73           | 10         |

**AISI 316**

Made of mirror polished AISI 316 stainless steel.

**Belaying cleats**

| Code             | Length mm | Height mm | Centre-to-centre hole size mm |
|------------------|-----------|-----------|-------------------------------|
| MM OSC 40.128.12 | 120       | 25        | 30                            |
| MM OSC 40.128.16 | 155       | 30        | 35                            |
| MM OSC 40.128.19 | 195       | 35        | 43                            |

**AISI 316**

Made of mirror polished AISI 316 stainless steel.

**SAIL cleats**

| Code             | Base length mm | Height mm | Hole wheelbase mm | Length max mm |
|------------------|----------------|-----------|-------------------|---------------|
| MM OSC 40.138.21 | 220            | 52        | 60                | 2 hole mm 6,5 |
| MM OSC 40.138.22 | 220            | 52        | 60                | 8             |
| MM OSC 40.138.26 | 260            | 58        | 70                | 10            |
| MM OSC 40.138.30 | 300            | 65        | 81                | 12            |



**AISI 316 STAINLESS STEEL BOLLARDS**

Mirror polished, high-quality finish, very sturdy; best product available in the market; designed for two stud mounting.

**Mushroom cleats**

| Code              | Base length mm | Height mm | Width mm | Length max mm | Centre distance mm | Ø studs mm |
|-------------------|----------------|-----------|----------|---------------|--------------------|------------|
| MM OSC 40.173.16  | 160            | 55        | 60       | 160           | 71.8               | 10         |
| MM OSC 40.173.20  | 170            | 75        | 67       | 200           | 77.3               | 14         |
| MM OSC 40.173.24  | 200            | 90        | 69       | 240           | 87.2               | 14         |
| MM OSC 40.173.30  | 260            | 100       | 79       | 300           | 128.7              | 16         |
| MM OSC 40.173.35  | 300            | 115       | 86       | 350           | 165.0              | 16         |
| MM OSC 40.173.42  | 360            | 139       | 102      | 416           | 190.0              | 20         |
| MM OSC 40.173.45* | 380            | 180       | 150      | 466           | 220                | 20         |

\* Supplied with stainless steel mounting counter plate

**AISI 316**

Mirror polished finish, very sturdy, fine aesthetic design.

**Belaying cleats**

| Code             | Length mm | Wheelbase long. mm | Wheelbase trasv. mm |
|------------------|-----------|--------------------|---------------------|
| MM OSC 40.129.15 | 150       | 51.8               | 41.5                |
| MM OSC 40.129.20 | 200       | 57.2               | 41.6                |
| MM OSC 40.129.25 | 250       | 54.4               | 45.2                |
| MM OSC 40.129.30 | 300       | 65.0               | 58                  |

**AISI 316**

Made of mirror polished AISI 316 stainless steel, stud mounting.

**"Elephant" cleats**

| Code             | Length mm | Height mm | Wheelbase mm | Studs mm |
|------------------|-----------|-----------|--------------|----------|
| MM OSC 40.139.45 | 450       | 78        | 100          | 16       |

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Supplied with dices and washers  
(2 studs, 2 dices, 2 washers).

| Stainless steel stud kit, suitable for cleats |        |                                                              |
|-----------------------------------------------|--------|--------------------------------------------------------------|
| Code                                          | mm     | Recommended for bollards                                     |
| MM OSC 40.142.06                              | 6x60   | 40.133.15                                                    |
| MM OSC 40.142.08                              | 8x60   | 40.133.20 - 40.174.18 - 40.138.22 - 40.137.01                |
| MM OSC 40.142.09                              | 8x80   | 40.131.16                                                    |
| MM OSC 40.142.10                              | 10x60  | 40.133.25 - 40.173.16 - 40.138.26 - 40.137.02                |
| MM OSC 40.142.11                              | 10x80  | 40.131.20 - 40.131.25                                        |
| MM OSC 40.142.12                              | 12x100 | 40.133.30 - 40.138.30 - 40.137.03 - 40.174.24                |
| MM OSC 40.142.14                              | 14x100 | 40.173.20 - 40.173.24                                        |
| MM OSC 40.142.16                              | 16x120 | 40.173.30/35 - 40.174.30/37 - 40.137.04/05/06/08 - 40.139.45 |
| MM OSC 40.142.20                              | 20x120 | 40.173.42/45                                                 |



Made of gray ABS, fitted with special band onto the corners of the cleats to prevent accidental bumping while walking on the deck.

| Cleat protective pads |                        |                               |
|-----------------------|------------------------|-------------------------------|
| Code                  | Universal for bollards | Recommended for bollards      |
| MM OSC 40.113.00      | from mm 200 to mm 300  | 4 corner beads for 2 bollards |

## POP-UP CLEATS MADE OF STAINLESS STEEL

### AISI 316

Ideal for coupling PRAM fenders or small boats; made of mirror polished AISI 316 stainless steel.



| Push-up mini-cleats |         |         |
|---------------------|---------|---------|
| Code                | Base mm | Hole mm |
| MM OSC 40.135.00    | 89x31   | 22      |
| MM OSC 40.135.01    | 134x41  | 22      |

### AISI 316

Made of mirror polished AISI 316 stainless steel; supplied with mounting studs, reinforcement retainer plate, fitted with holes on the base of the threaded columns size 3/8" and 1/2" for mounting water hoses.

| Precision cast push-up cleats |           |     |          |         |    |    |               |
|-------------------------------|-----------|-----|----------|---------|----|----|---------------|
| Code                          | Length mm |     | Width mm | Size mm |    |    | Ø studs mm    |
|                               | A         | A1  | B        | D       | C  | E  |               |
| MM OSC 40.136.01              | 164       | 150 | 38       | 12      | 60 | 23 | 10            |
| MM OSC 40.136.02              | 217       | 203 | 50       | 15      | 83 | 36 | 10            |
| MM OSC 40.136.03              | 305       | 285 | 70       | 25      | 95 | 52 | 12 (optional) |



**AISI 316**

Made of mirror polished AISI 316 stainless steel.

**Push-up cleats RETRACTS**

| Code             | A mm | B mm | C mm | D mm | E mm | F mm | Optional Waterdrainage conductor |
|------------------|------|------|------|------|------|------|----------------------------------|
| MM OSC 40.136.44 | 134  | 110  | 38   | 12   | 65   | 46   | MM OSC 40.136.64                 |
| MM OSC 40.136.46 | 185  | 156  | 50   | 18   | 76   | 60   | MM OSC 40.136.66                 |
| MM OSC 40.136.48 | 220  | 204  | 50   | -    | 88   | 71   | MM OSC 40.136.68                 |

Made of flexible black PVC.

**Water drainage conductor for RETRACTS/SMAT cleats**

| Code             | For Bollards     |
|------------------|------------------|
| MM OSC 40.136.64 | MM OSC 40.136.44 |
| MM OSC 40.136.66 | MM OSC 40.136.46 |
| MM OSC 40.136.68 | MM OSC 40.136.48 |

**POP-UP CLEATS MADE OF STAINLESS STEEL****AISI 316**

Made of mirror polished AISI 316 stainless steel; no recess mounting required.



40.142.05



40.142.01-02-03



40.143.01-02-03



40.142.03



40.142.01



40.142.04



40.143.01-02-03



40.142.02

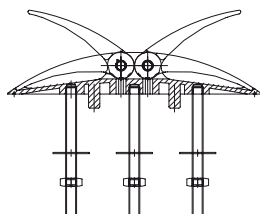


40.142.05

**Pop-up cleats**

| Mounting with studs excluded | Stud Ø mm | Mounting with studs included | Stud Ø mm | Mounting with screws           | Stud Ø mm | Length mm | Width mm | Wheel-base mm |
|------------------------------|-----------|------------------------------|-----------|--------------------------------|-----------|-----------|----------|---------------|
| -                            |           | MM OSC 40.142.01             | 6x40      | MM OSC 40.143.01               | -         | 115       | 45       | 67            |
| -                            |           | MM OSC 40.142.02             | 8x45      | MM OSC 40.143.02               | -         | 172       | 65       | 115           |
| -                            |           | MM OSC 40.142.03             | 10x50     | MM OSC 40.143.03               | -         | 210       | 70       | 137           |
| MM OSC 40.142.04             | 12x60     | -                            |           | MM OSC 40.143.04<br><b>NEW</b> |           | 270       | 83       | 172           |
| MM OSC 40.142.05             | 16x80     | -                            |           |                                |           | 350       | 104      | 219           |

Made of mirror-polished AISI 316 stainless steel. The open/close mechanism is equipped with snap eccentric lock to avoid casual openings.

**WING foldable bollards**

| Code             | ↔      |        | Flat stud knuckles | Breaking load |
|------------------|--------|--------|--------------------|---------------|
|                  | closed | open   |                    |               |
| MM OSC 40.145.01 | 280x44 | 235x44 | 3x12 mm            | 9460          |
| MM OSC 40.145.02 | 360x55 | 322x55 | 3x16 mm            | 20120         |
| MM OSC 40.145.03 | 480x75 | 430x75 | 3x16 mm            | 24500         |

## FAIRLEADS

### AISI 316



Sold in pairs.

| "Italian Style" fairleads |           |              |
|---------------------------|-----------|--------------|
| Code                      | Length mm | Wheelbase mm |
| MM OSC 40.223.15          | 150       | 124.0        |
| MM OSC 40.223.20          | 205       | 166.0        |
| MM OSC 40.223.25          | 253       | 208.0        |

### AISI 316



Sold in pairs.

| Fairleads        |           |              |
|------------------|-----------|--------------|
| Code             | Length mm | Wheelbase mm |
| MM OSC 40.123.12 | 115       | 85.2         |
| MM OSC 40.123.18 | 150       | 110.8        |

### AISI 316



Sold in pairs.

| Fairleads        |           |              |
|------------------|-----------|--------------|
| Code             | Length mm | Wheelbase mm |
| MM OSC 40.203.73 | 112       | 84.0         |
| MM OSC 40.203.76 | 150       | 122.0        |

### AISI 316



Sold individually

| Straight "Italian Style" fairleads |           |              |
|------------------------------------|-----------|--------------|
| Code                               | Length mm | Wheelbase mm |
| MM OSC 40.202.20                   | 203       | 166.0        |
| MM OSC 40.202.25                   | 255       | 221.0        |

### AISI 316



Sold individually

| "Straight" fairleads |           |              |
|----------------------|-----------|--------------|
| Code                 | Length mm | Wheelbase mm |
| MM OSC 40.201.05     | 125       | 99.8         |
| MM OSC 40.201.06     | 152       | 126.7        |

**AISI 316  
PATENT**

Fitted with special patent hidden clamping tensioning screws.  
Sold individually

**Roller fairleads**

| Code             | For rope Ø mm | Base mm | Height mm | Wheelbase mm |
|------------------|---------------|---------|-----------|--------------|
| MM OSC 40.205.00 | 16/22         | 40x205  | 55        | 117.0        |
| MM OSC 40.206.00 | 24/32         | 45x260  | 75        | 160.0        |

**AISI 316  
PATENT**

Fitted with mirror polished invisible studs.

**Corner roller fairleads**

| Code             | Ø studs mm        | Length mm | For rope Ø mm | A mm | B mm | Height mm | Corner C |
|------------------|-------------------|-----------|---------------|------|------|-----------|----------|
| MM OSC 40.209.00 | 9                 | 120       | 16/22         | 140  | 124  | 56        | 100°     |
| MM OSC 40.209.10 | 9                 | 120       | 16/22         | 152  | 120  | 56        | 110°     |
| MM OSC 40.209.20 | 9                 | 120       | 16/22         | 163  | 113  | 56        | 120°     |
| MM OSC 40.209.25 | only DX / SX      |           |               |      |      |           |          |
| MM OSC 40.209.26 | only central 100° |           |               |      |      |           |          |
| MM OSC 40.209.27 | only central 110° |           |               |      |      |           |          |
| MM OSC 40.209.28 | only central 120° |           |               |      |      |           |          |

## CHAINS



## GENOVESE CHAIN

Stainless steel Aisi 304 - Aisi 316



## AISI 304

| Reel<br>Art. code  | Mts.<br>per reel | Bundles<br>Art. code | Mts.<br>per bundle | Wire Ø<br>mm. | Outside dim.<br>mm | Inside dim.<br>mm | Weight<br>gr./mt. | Swl Kg. |
|--------------------|------------------|----------------------|--------------------|---------------|--------------------|-------------------|-------------------|---------|
|                    |                  |                      |                    | w             | H x L              | h x l             |                   |         |
| MM CTN C02I20EA/50 | 50               | MM CTN C02I20DA      | 50                 | 2             | 18x9               | 14,5x4,5          | 72                | -       |
| MM CTN C02I30EA/50 | 50               | MM CTN C02I30DA      | 50                 | 3             | 25x13              | 19x7              | 170               | 125     |
| MM CTN C02I40EA    | 50               | MM CTN C02I40DA      | 50                 | 4             | 28,5x16            | 20,5x8            | 300               | 175     |
| MM CTN C02I50EA    | 40               | MM CTN C02I50DA      | 40                 | 5             | 33x19,5            | 23x9,5            | 482               | 325     |
| MM CTN C02I60EA    | 30               | MM CTN C02I60DA      | 30                 | 6             | 40x23              | 28x11             | 686               | 375     |
| MM CTN C02I80EA    | 22               | MM CTN C02I80DA      | 22                 | 8             | 51x30,5            | 35x14,5           | 1250              | 700     |

## AISI 316

| Reel<br>Art. code | Mts.<br>per reel | Bundles<br>Art. code | Mts.<br>per bundle | Wire Ø<br>mm. | Outside dim.<br>mm | Inside dim.<br>mm | Weight<br>gr./mt. | Swl Kg. |
|-------------------|------------------|----------------------|--------------------|---------------|--------------------|-------------------|-------------------|---------|
|                   |                  |                      |                    | w             | H x L              | h x l             |                   |         |
| MM CTN C02I15EB   | 50               | MM CTN C02I15DB      | 50                 | 1,5           | 15,5x6,5           | 12,5x3,5          | 40                | -       |
| MM CTN C02I20EB   | 50               | MM CTN C02I20DB      | 50                 | 2             | 18x9               | 14,5x4,5          | 72                | -       |
| MM CTN C03030EB   | 50               | MM CTN C03030DB      | 50                 | 3             | 22x11              | 16x5              | 166               | 125     |
| MM CTN C02I40EB   | 50               | MM CTN C02I40DB      | 50                 | 4             | 28,5x16            | 20,5x8            | 300               | 175     |
| MM CTN C02I50EB   | 40               | MM CTN C02I50DB      | 40                 | 5             | 33x19,5            | 23x9,5            | 482               | 325     |
| MM CTN C02I60EB   | 30               | MM CTN C02I60DB      | 30                 | 6             | 40x23              | 28x11             | 686               | 375     |
| MM CTN C02I80EB   | 22               | MM CTN C02I80DB      | 22                 | 8             | 51x30,5            | 35x14,5           | 1250              | 700     |
| MM CTN C02I100EB  | 10               | MM CTN C02I100DB     | 10/25              | 10            | 59,5x38            | 40x17,5           | 2000              | 1250    |

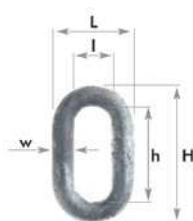
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**Catenificio Rigamonti**
**GENOVESE CHAIN**

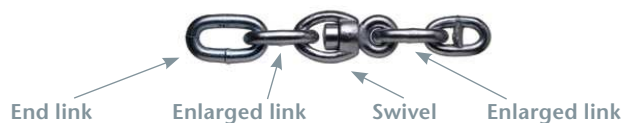
Hot dipped galvanised



| Reel Art. code     | Mts. per reel | Bundles Art. code | Mts. per bundle | Wire Ø mm. | French size n. | Outside dim. mm | Inside dim. mm | Weight gr./mt. | Swl Kg. |
|--------------------|---------------|-------------------|-----------------|------------|----------------|-----------------|----------------|----------------|---------|
|                    |               |                   |                 | w          |                | H x L           | h x l          |                |         |
| MM CTN C02031EF/50 | 50            | MM CTN C02031DF   | 50              | 3          | 17             | 25x13           | 19x7           | 180            | 110     |
| MM CTN C02040EF    | 50            | MM CTN C02040DF   | 50              | 4          | 19             | 28,5x16         | 20,5x8         | 320            | 160     |
| MM CTN C02049EF    | 40            | MM CTN C02050DF   | 50              | 5          | 21             | 33x19,5         | 23x9,5         | 500            | 300     |
| MM CTN C02059EF    | 30            | MM CTN C02060DF   | 50              | 6          | 23             | 41x23           | 29x11          | 710            | 360     |
| MM CTN C02070EF    | 25            | MM CTN C02070DF   | 50              | 7          | 25             | 44,5x26,5       | 30,5x12,5      | 1010           | 500     |
| MM CTN C02080EF    | 22            | MM CTN C02080DF   | 50              | 8          | 27             | 50,5x30,5       | 35x14,5        | 1315           | 650     |
| MM CTN C02088EF    | 15            | MM CTN C02088DF   | 50              | 8,8        | 28             | 54x33,5         | 37,5x15,5      | 1610           | 850     |
| MM CTN C02100EF    | 10            | MM CTN C02100DF   | 25/50           | 10         | 30             | 59,5x38         | 40x17,5        | 2070           | 1100    |
| MM CTN C02120EF    | 10            | MM CTN C02120DF   | 25/50           | 12         | 32             | 70,5x44,5       | 47,5x20,5      | 3090           | 1500    |
| -                  | -             | MM CTN C02140DF   | 25/50           | 14         | 34             | 80,5x53         | 52,5x25        | 4120           | 2000    |
| -                  | -             | MM CTN C02160DF   | 25/50           | 16         | 36             | 87x57           | 55x25          | 5330           | 2800    |
| -                  | -             | MM CTN C02180DF   | 25/50           | 18         | 38             | 99x63           | 63x27          | 6800           | 3500    |
| -                  | -             | MM CTN C02200DF   | 25/50           | 20         | 40             | 110x69          | 70x29          | 8360           | 4500    |
| -                  | -             | MM CTN C02220DF   | 25/50           | 22         | 42             | 122x79          | 78x35          | 10610          | 5000    |
| -                  | -             | MM CTN C02240DF   | 25              | 24         | -              | 134x81          | 86x33          | 11900          | 5300    |
| -                  | -             | MM CTN C02260DF   | 25              | 26         | -              | 143x87          | 91x35          | 14000          | 6300    |
| -                  | -             | MM CTN C02280DF   | 25              | 28         | -              | 154x94          | 98x38          | 16500          | 7500    |
| -                  | -             | MM CTN C02300DF   | 25              | 30         | -              | 165x102         | 105x42         | 19000          | 8500    |
| -                  | -             | MM CTN C02330DF   | 25              | 33         | -              | 181x113         | 115x47         | 22300          | 10000   |
| -                  | -             | MM CTN C02360DF   | 25              | 36         | -              | 194x122         | 126x54         | 26500          | 12500   |
| -                  | -             | MM CTN C02390DF   | 25              | 39         | -              | 210x132         | 136x58         | 31000          | 14000   |


**Catenificio Rigamonti**
**SWIVEL FORERUNNER**

Code: MM CTN UNI4422 Please specify size



| Chain        | Components |               |          |                | Weight (Kg) |
|--------------|------------|---------------|----------|----------------|-------------|
|              | Swivel     | Enlarged link | End link | Anchor shackle |             |
| 14,5 - 16    | 16         | I 16          | T 16     | 16             | 5,2         |
| 17,5 - 19    | 19         | I 19          | T 19     | 19             | 8,8         |
| 20,5 - 22    | 22         | I 22          | T 22     | 22             | 13,4        |
| 24           | 24         | I 24          | T 24     | 24             | 17,5        |
| 25,5 - 27    | 27         | I 27          | T 27     | 27             | 24,5        |
| 28,5 - 30    | 30         | I 30          | T 30     | 30             | 34          |
| 32           | 32         | I 32          | T 32     | 32             | 41          |
| 33 - 35      | 35         | I 35          | T 35     | 35             | 54          |
| 37 - 38      | 38         | I 38          | T 38     | 38             | 68          |
| 40 - 41      | 41         | I 41          | T 41     | 41             | 86          |
| 43 - 44      | 44         | I 44          | T 44     | 44             | 107         |
| 46 - 48      | 48         | I 48          | T 48     | 48             | 136         |
| 49 - 51 - 52 | 52         | I 52          | T 52     | 52             | 172         |
| 54 - 56      | 56         | I 56          | T 56     | 56             | 217         |
| 57 - 59 - 60 | 60         | I 60          | T 60     | 60             | 266         |

**GENOVESE CHAIN**

Bright polished

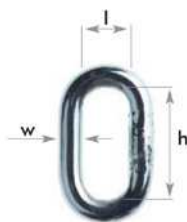


| Bundles Art.<br>code | Mts.<br>per bundle | Wire Ø<br>mm. | French<br>size n. | Inside dim.<br>mm | Weight<br>gr./mt. | Swl Kg. |
|----------------------|--------------------|---------------|-------------------|-------------------|-------------------|---------|
|                      |                    | w             |                   | h x l             |                   |         |
| MM CTN C02015DL      | 50                 | 1,5           | 10                | 12,5x3,5          | 37                | 8       |
| MM CTN C02016DL      | 50                 | 1,6           | 11                | 13x4              | 42                | 15      |
| MM CTN C02018DL      | 50                 | 1,8           | 12                | 14,5x4,5          | 54                | 20      |
| MM CTN C02019DL      | 50                 | 1,9           | 13                | 14,5x4,5          | 64                | 22      |
| MM CTN C02022DL      | 50                 | 2,2           | 14                | 15,2x6,2          | 87                | 25      |
| MM CTN C02025DL      | 50                 | 2,4           | 15                | 16,2x6,2          | 102               | 30      |
| MM CTN C02028DL      | 50                 | 2,8           | 16                | 17x6,6            | 131               | 37      |
| MM CTN C02031DL      | 50                 | 3             | 17                | 19x7              | 165               | 110     |
| MM CTN C02034DL      | 60                 | 3,5           | 18                | 20x7,5            | 215               | 150     |
| MM CTN C02040DL      | 50                 | 4             | 19                | 20,5x8            | 280               | 160     |
| MM CTN C02044DL      | 50                 | 4,5           | 20                | 22x8,5            | 365               | 250     |
| MM CTN C02049DL      | 40                 | 5             | 21                | 23x9,5            | 455               | 300     |
| MM CTN C02054DL      | 35                 | 5,5           | 22                | 27x10             | 545               | 350     |
| MM CTN C02059DL      | 30                 | 6             | 23                | 29x11             | 650               | 360     |
| MM CTN C02065DL      | 25                 | 6,5           | 24                | 30,5x11,5         | 790               | 450     |
| MM CTN C02070DL      | 25                 | 7             | 25                | 30,5x12,5         | 920               | 500     |
| MM CTN C02075DL      | 25                 | 7,5           | 26                | 32x13,5           | 1070              | 600     |
| MM CTN C02080DL      | 22                 | 8             | 27                | 35x14,5           | 1205              | 650     |
| MM CTN C02088DL      | 25                 | 8,8           | 28                | 37,5x15,5         | 1505              | 850     |
| MM CTN C02100DL      | 25                 | 10            | 30                | 40x17,5           | 1900              | 1100    |
| MM CTN C02120DL      | 17                 | 12            | 32                | 47,5x20,5         | 2895              | 1500    |
| MM CTN C02140DL      | 15                 | 14            | 34                | 52,5x25           | 3970              | 2000    |
| MM CTN C02160DL      | 15                 | 16            | 36                | 55x25             | 5115              | 2800    |



**GENOVESE CHAIN**

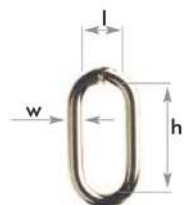
Electro galvanised



| Reel Art. code  | Mts. per reel | Box Art. code       | Mts. per Box | Bundles Art. code | Mts. per bundle | Wire Ø mm. | French size n. | Inside dim. mm | Weight gr./mt. | Swl Kg. |
|-----------------|---------------|---------------------|--------------|-------------------|-----------------|------------|----------------|----------------|----------------|---------|
|                 |               |                     |              |                   |                 | w          |                | h x l          |                |         |
| -               | -             | -                   | -            | MM CTN C02015DZ   | 50              | 1,5        | 10             | 12,5x3,5       | 37             | 8       |
| MM CTN C02016EZ | 150           | MM CTN C02016WZ     | 200          | MM CTN C02016DZ   | 50              | 1,6        | 11             | 13x4           | 42             | 15      |
| MM CTN C02018EZ | 150           | MM CTN C02018WZ/150 | 150          | MM CTN C02018DZ   | 50              | 1,8        | 12             | 14,5x4,5       | 54             | 20      |
| MM CTN C02019EZ | 150           | MM CTN C02019WZ/150 | 150          | MM CTN C02019DZ   | 50              | 1,9        | 13             | 14,5x4,5       | 64             | 22      |
| MM CTN C02022EZ | 150           | MM CTN C02022WZ     | 100          | -                 | -               | 2,2        | 14             | 15,2x6,2       | 87             | 25      |
| MM CTN C02025EZ | 100           | MM CTN C02025WZ     | 100          | -                 | -               | 2,4        | 15             | 16,2x6,2       | 102            | 30      |
| MM CTN C02028EZ | 100           | MM CTN C02028WZ     | 100          | -                 | -               | 2,8        | 16             | 17x6,6         | 131            | 37      |
| MM CTN C02031EZ | 100           | MM CTN C02031WZ     | 100          | -                 | -               | 3          | 17             | 19x7           | 165            | 110     |
| MM CTN C02034EZ | 60            | MM CTN C02034WZ     | 60           | -                 | -               | 3,5        | 18             | 20x7,5         | 215            | 150     |
| MM CTN C02040EZ | 50            | MM CTN C02040WZ     | 50           | -                 | -               | 4          | 19             | 20,5x8         | 280            | 160     |
| MM CTN C02044EZ | 50            | MM CTN C02044WZ     | 50           | -                 | -               | 4,5        | 20             | 22x8,5         | 365            | 250     |
| MM CTN C02049EZ | 40            | MM CTN C02049WZ     | 40           | -                 | -               | 5          | 21             | 23x9,5         | 455            | 300     |
| MM CTN C02054EZ | 35            | MM CTN C02054WZ     | 35           | -                 | -               | 5,5        | 22             | 27x10          | 545            | 350     |
| MM CTN C02059EZ | 30            | MM CTN C02059WZ     | 30           | -                 | -               | 6          | 23             | 29x11          | 650            | 360     |
| MM CTN C02065EZ | 25            | MM CTN C02065WZ     | 25           | -                 | -               | 6,5        | 24             | 30,5x11,5      | 790            | 450     |
| MM CTN C02070EZ | 25            | MM CTN C02070WZ     | 25           | -                 | -               | 7          | 25             | 30,5x12,5      | 920            | 500     |
| MM CTN C02075EZ | 25            | MM CTN C02075WZ     | 25           | -                 | -               | 7,5        | 26             | 32x13,5        | 1070           | 600     |
| MM CTN C02080EZ | 22            | MM CTN C02080WZ     | 22           | -                 | -               | 8          | 27             | 35x14,5        | 1205           | 650     |
| MM CTN C02088EZ | 15            | MM CTN C02088WZ     | 15           | MM CTN C02088DZ   | 15              | 8,8        | 28             | 37,5x15,5      | 1505           | 850     |
| MM CTN C02100EZ | 10            | MM CTN C02100WZ     | 10           | MM CTN C02100DZ   | 20              | 10         | 30             | 40x17,5        | 1900           | 1100    |
| MM CTN C02120EZ | 10            | MM CTN C02120WZ     | 10           | MM CTN C02120DZ   | 17              | 12         | 32             | 47,5x20,5      | 2895           | 1500    |
| -               | -             | -                   | -            | MM CTN C02140DZ   | 15              | 14         | 34             | 52,5x25        | 3970           | 2000    |
| -               | -             | -                   | -            | MM CTN C02160DZ   | 15              | 16         | 36             | 55x25          | 5115           | 2800    |

**GENOVESE CHAIN**

Brass-plated - Nickel-plated



| Brass-plated Art. code | Mts. per box | Nickel-plated Art. code | Mts. per box | Wire Ø mm. | French size n. | Inside dim. mm | Weight gr./mt. |
|------------------------|--------------|-------------------------|--------------|------------|----------------|----------------|----------------|
|                        |              |                         |              | w          |                | h x l          |                |
| MM CTN C05013EO        | 25           | MM CTN C05013EK         | 25           | 1,3        | 8              | 10x3           | 28             |
| MM CTN C05015EO        | 25           | MM CTN C05015EK         | 25           | 1,5        | 10             | 12,5x3,5       | 37             |
| MM CTN C05016EO        | 25           | MM CTN C05016EK         | 25           | 1,6        | 11             | 13x4           | 42             |
| MM CTN C05018EO        | 25           | MM CTN C05018EK         | 25           | 1,8        | 12             | 14,5x4,5       | 54             |
| MM CTN C05022EO        | 25           | MM CTN C05022EK         | 25           | 2,2        | 14             | 15,2x6,2       | 87             |
| MM CTN C05028EO        | 25           | MM CTN C05028EK         | 25           | 2,8        | 16             | 17x6,6         | 131            |

 **Catenificio Rigamonti**
**PASSING LINK CHAIN**

Bright polished - Electro galvanised  
Hot dipped galvanised



| Brass-plated<br>Art. code | Mts.<br>per box | Nickel-plated<br>Art. code | Mts.<br>per box | Wire Ø<br>mm. | French<br>size n. | Outside dim.<br>mm | Inside dim.<br>mm | Weight<br>gr./mt. |
|---------------------------|-----------------|----------------------------|-----------------|---------------|-------------------|--------------------|-------------------|-------------------|
|                           |                 |                            |                 | w             |                   | H x L              | h x l             |                   |
| MM CTN C01040DL           | MM CTN C01040DZ | MM CTN C01040DF            | 50              | 4             | 19                | 37x19              | 29x11             | 275               |
| MM CTN C01045DL           | MM CTN C01045DZ | MM CTN C01045DF            | 50              | 4,5           | 20                | 38x20              | 29,5x11           | 350               |
| MM CTN C01050DL           | MM CTN C01050DZ | MM CTN C01050DF            | 50              | 5             | 21                | 42x23,5            | 32x13,5           | 440               |
| MM CTN C01055DL           | MM CTN C01055DZ | MM CTN C01055DF            | 50              | 5,5           | 22                | 45x26              | 34,5x15           | 540               |
| MM CTN C01060DL           | MM CTN C01060DZ | MM CTN C01060DF            | 25              | 6             | 23                | 45x27              | 33x15             | 655               |
| MM CTN C01065DL           | MM CTN C01065DZ | MM CTN C01065DF            | 25              | 6,5           | 24                | 47,5x29            | 35x16             | 785               |
| MM CTN C01070DL           | MM CTN C01070DZ | MM CTN C01070DF            | 25              | 7             | 25                | 52x31              | 38x17             | 900               |
| MM CTN C01075DL           | MM CTN C01075DZ | MM CTN C01075DF            | 25              | 7,5           | 26                | 54,5x34            | 39,5x19           | 1055              |
| MM CTN C01080DL           | MM CTN C01080DZ | MM CTN C01080DF            | 25              | 8             | 27                | 59x35              | 43,5x19           | 1215              |
| MM CTN C01088DL           | MM CTN C01088DZ | MM CTN C01088DF            | 25              | 8,8           | 28                | 62x38,5            | 45x21             | 1440              |
| MM CTN C01100DL           | MM CTN C01100DZ | MM CTN C01100DF            | 25              | 10            | 30                | 67,5x43,5          | 48x23,5           | 1950              |
| MM CTN C01120DL           | MM CTN C01120DZ | MM CTN C01120DF            | 20              | 12            | 32                | 82x47,5            | 58x24             | 2805              |
| MM CTN C01140DL           | MM CTN C01140DZ | MM CTN C01140DF            | 20              | 14            | 34                | 90x55              | 62x27             | 3695              |
| MM CTN C01160DL           | MM CTN C01160DZ | MM CTN C01160DF            | 15              | 16            | 36                | 100x66             | 68x34             | 5000              |

 **Catenificio Rigamonti**
**DIN 766 CALIBRATED CHAIN**

Stainless steel Aisi 316



| Reel Art.<br>code  | Mts.<br>per reel | Bundles<br>Art. code | Mts.<br>per<br>bundle | Wire Ø<br>mm. | Tol.<br>pitch<br>mm. | Inside dim.<br>mm | Weight<br>gr./mt. | Swl Kg. | Proof<br>load kg. | Breaking<br>load kg. |
|--------------------|------------------|----------------------|-----------------------|---------------|----------------------|-------------------|-------------------|---------|-------------------|----------------------|
|                    |                  |                      |                       | w             |                      | h x l             |                   |         |                   |                      |
| MM CTN C03030EB    | 50               | MM CTN C03030DB      | 50                    | 3             | ±0,5                 | 16x5              | 165               | 125     | 250               | 500                  |
| MM CTN C03040EB    | 50               | MM CTN C03040DB      | 50                    | 4             | ±0,5                 | 16x6              | 300               | 175     | 375               | 750                  |
| MM CTN C03050EB    | 40               | MM CTN C03050DB      | 40/50                 | 5             | ±0,5                 | 18,5x7            | 490               | 325     | 650               | 1300                 |
| MM CTN C03060EB    | 30               | MM CTN C03060DB      | 30/50                 | 6             | ±0,5                 | 18,5x8            | 770               | 450     | 900               | 1800                 |
| MM CTN C03080EB    | 22               | MM CTN C03080DB      | -                     | 8             | ±0,6                 | 24x10             | 1360              | 825     | 1650              | 3300                 |
| MM CTN C03100EB    | 10               | MM CTN C03100DB      | -                     | 10p28         | ±0,6                 | 28x14             | 2225              | 1250    | 2500              | 5000                 |
| MM CTN C03100EB/30 | 10               | MM CTN C03100DB/30   | -                     | 10p30         | ±0,6                 | 30x15             | 2125              | 1250    | 2500              | 5000                 |
| MM CTN C03120EB    | 10               | MM CTN C03120DB      | -                     | 12            | ±1                   | 36x16             | 3035              | 2125    | 4250              | 8500                 |
| -                  | -                | MM CTN C03130DB      | -                     | 13            | ±1                   | 36x18             | 3800              | 2150    | 4300              | 8600                 |
| -                  | -                | MM CTN C03140DB      | -                     | 14            | ±1                   | 41x19             | 4500              | 2375    | 4750              | 9500                 |
| -                  | -                | MM CTN C03160DB      | -                     | 16            | ±1                   | 45x22             | 6250              | 3175    | 6350              | 12700                |



## DIN 766 CALIBRATED CHAIN

Hot dipped galvanised

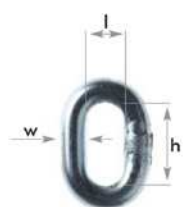


| Reel Art. code  | Mts. per reel | Bundles Art. code  | Mts. per bundle | Drum Art. code      | Mts. per drum | Wire Ø mm. | Tol. pitch mm. | Inside dim. mm | Weight gr./mt. | Swl Kg. | Proof load kg. | Breaking load kg. |
|-----------------|---------------|--------------------|-----------------|---------------------|---------------|------------|----------------|----------------|----------------|---------|----------------|-------------------|
|                 |               |                    |                 |                     |               | w          |                | h x l          |                |         |                |                   |
| MM CTN C03030EF | 50            | MM CTN C03030DF    | 50              | -                   | -             | 3          | ±0,5           | 16x5           | 184            | 125     | 250            | 500               |
| MM CTN C03040EF | 50            | MM CTN C03040DF    | 50              | -                   | -             | 4          | ±0,5           | 16x6           | 320            | 175     | 375            | 750               |
| MM CTN C03050EF | 40            | MM CTN C03050DF    | 50              | -                   | -             | 5          | ±0,5           | 18,5x7         | 520            | 325     | 650            | 1300              |
| MM CTN C03060EF | 30            | MM CTN C03060DF    | 50              | MM CTN C03060GF/100 | 100           | 6          | ±0,5           | 18,5x8         | 810            | 450     | 900            | 1800              |
| MM CTN C03070EF | 25            | MM CTN C03070DF    | 50              | -                   | -             | 7          | ±0,5           | 22x9           | 1065           | 563     | 1125           | 2550              |
| MM CTN C03080EF | 22            | MM CTN C03080DF    | 50/75/100       | MM CTN C03080GF/100 | 100           | 8          | ±0,6           | 24x10          | 1405           | 825     | 1650           | 3300              |
| -               | -             | MM CTN C03090DF    | 50/75/100       | -                   | -             | 9          | ±0,6           | 27x12          | 1970           | 1013    | 2025           | 4050              |
| -               | -             | MM CTN C03100DF    | 50/75/100       | -                   | -             | 10p28      | ±0,6           | 28x14          | 2340           | 1250    | 2500           | 5000              |
| -               | -             | MM CTN C03100DF/30 | 50/75/100       | MM CTN C03100GF/75  | 75            | 10p30      | ±0,6           | 30x15          | 2250           | 1250    | 2500           | 5000              |
| -               | -             | MM CTN C03120DF    | 50/75/100       | -                   | -             | 12         | ±1             | 36x16          | 3190           | 2125    | 4250           | 8500              |
| -               | -             | MM CTN C03130DF    | -               | -                   | -             | 13         | ±1             | 36x18          | 4020           | 2150    | 4300           | 8600              |
| -               | -             | MM CTN C03140DF    | -               | -                   | -             | 14         | ±1             | 41x19          | 4530           | 2375    | 4750           | 9500              |
| -               | -             | MM CTN C03160DF    | -               | -                   | -             | 16         | ±1             | 45x22          | 6250           | 3175    | 6350           | 12700             |
| -               | -             | MM CTN C03200DF    | -               | -                   | -             | 20         | ±1,5           | 56x26          | 9490           | 5000    | 10000          | 20000             |
| -               | -             | MM CTN C03230DF    | -               | -                   | -             | 23         | ±1,5           | 64x28          | 12000          | 6300    | 12600          | 25200             |
| -               | -             | MM CTN C03260DF    | -               | -                   | -             | 26         | ±1,5           | 73x31          | 15000          | 8000    | 16000          | 32000             |
| -               | -             | MM CTN C03280DF    | -               | -                   | -             | 28         | ±1,5           | 78x34          | 18000          | 10000   | 20000          | 40000             |



## DIN 766 CALIBRATED CHAIN

Electro galvanised



| Reel Art. code     | Mts. per reel | Bundles Art. code  | Mts. per bundle | Wire Ø mm. | Tol. pitch mm. | Inside dim. mm | Weight gr./mt. | Swl Kg. | Proof load kg. | Breaking load kg. |
|--------------------|---------------|--------------------|-----------------|------------|----------------|----------------|----------------|---------|----------------|-------------------|
|                    |               |                    |                 | w          |                | h x l          |                |         |                |                   |
| MM CTN C03030EZ    | 50            | MM CTN C03030DZ    | 50              | 3          | ±0,5           | 16x5           | 165            | 125     | 250            | 500               |
| MM CTN C03040EZ    | 50            | MM CTN C03040DZ    | 50              | 4          | ±0,5           | 16x6           | 300            | 175     | 375            | 750               |
| MM CTN C03050EZ    | 40            | MM CTN C03050DZ    | 40              | 5          | ±0,5           | 18,5x7         | 490            | 325     | 650            | 1300              |
| MM CTN C03060EZ    | 30            | MM CTN C03060DZ    | 30              | 6          | ±0,5           | 18,5x8         | 770            | 450     | 900            | 1800              |
| MM CTN C03070EZ/25 | 25            | MM CTN C03070DZ    | 25              | 7          | ±0,5           | 22x9           | 1025           | 563     | 1125           | 2550              |
| MM CTN C03080EZ    | 22            | MM CTN C03080DZ    | 22              | 8          | ±0,6           | 24x10          | 1360           | 825     | 1650           | 3300              |
| -                  | -             | MM CTN C03090DZ    | 15              | 9          | ±0,6           | 27x12          | 1785           | 1013    | 2025           | 4050              |
| MM CTN C03100EZ    | 10            | MM CTN C03100DZ    | 25              | 10         | ±0,6           | 28x14          | 2225           | 1250    | 2500           | 5000              |
| MM CTN C03100EZ/30 | 10            | MM CTN C03100DZ/30 | 25              | 10         | ±0,6           | 30x15          | 2125           | 1250    | 2500           | 5000              |
| MM CTN C03120EZ    | 10            | MM CTN C03120DZ    | 25              | 12         | ±1             | 36x16          | 3035           | 2125    | 4250           | 8500              |
| -                  | -             | MM CTN C03130DZ    | 20              | 13         | ±1             | 36x18          | 3800           | 2150    | 4300           | 8600              |
| -                  | -             | MM CTN C03140DZ    | 15              | 14         | ±1             | 41x19          | 4365           | 2375    | 4750           | 9500              |
| -                  | -             | MM CTN C03160DZ    | 15              | 16         | ±1             | 45x22          | 5840           | 3175    | 6350           | 12700             |



## DIN 763/5685 "C" LONG LINK CHAIN

Stainless steel Aisi 304 - Aisi 316



### AISI 304

| Reel Art. code     | Mts. per reel | Bundles Art. code | Mts. per bundle | Wire Ø mm. | Outside dim. mm | Inside dim. mm | Weight gr./mt. | Swl Kg. |
|--------------------|---------------|-------------------|-----------------|------------|-----------------|----------------|----------------|---------|
|                    |               |                   |                 | w          | H x L           | h x l          |                |         |
| MM CTN C25025EA/25 | 25            | MM CTN C25025DA   | 25              | 2,5        | 29x10           | 24x5           | 100            | -       |
| MM CTN C25030EA    | 50            | MM CTN C25030DA   | 50              | 3          | 32x12           | 26x6           | 150            | 100     |
| MM CTN C25040EA    | 50            | MM CTN C25040DA   | 50              | 4          | 40x16           | 32x8           | 270            | 150     |
| MM CTN C25050EA    | 40            | MM CTN C25050DA   | 40              | 5          | 45x20           | 35x10          | 430            | 260     |
| MM CTN C25060EA    | 30            | MM CTN C25060DA   | 30              | 6          | 54x24           | 42x12          | 640            | 300     |
| MM CTN C25080EA    | 22            | MM CTN C25080DA   | 22              | 8          | 68x32           | 52x16          | 1100           | 560     |

### AISI 316

| Reel Art. code  | Mts. per reel | Bundles Art. code | Mts. per bundle | Wire Ø mm. | Outside dim. mm | Inside dim. mm | Weight gr./mt. | Swl Kg. |
|-----------------|---------------|-------------------|-----------------|------------|-----------------|----------------|----------------|---------|
|                 |               |                   |                 | w          | H x L           | h x l          |                |         |
| MM CTN C25020EB | 50            | MM CTN C25020DB   | 50              | 2          | 26x8            | 22x4           | 70             | -       |
| MM CTN C25030EB | 50            | MM CTN C25030DB   | 50              | 3          | 32x12           | 26x6           | 150            | 100     |
| MM CTN C25040EB | 50            | MM CTN C25040DB   | 50              | 4          | 40x16           | 32x8           | 270            | 150     |
| MM CTN C25050EB | 40            | MM CTN C25050DB   | 40              | 5          | 45x20           | 35x10          | 430            | 260     |
| MM CTN C25060EB | 30            | MM CTN C25060DB   | 30              | 6          | 54x24           | 42x12          | 640            | 300     |
| MM CTN C25080EB | 22            | MM CTN C25080DB   | 22              | 8          | 68x32           | 52x16          | 1100           | 560     |
| MM CTN C25100EB | 10            | MM CTN C25100DB   | 10              | 10         | 86x40           | 66x20          | 1750           | 1000    |



## DIN 5685 "A" CHAIN

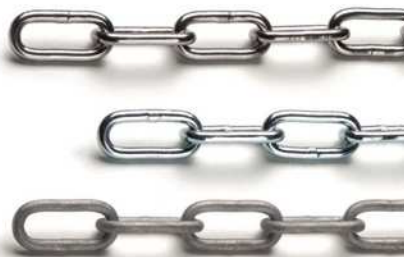
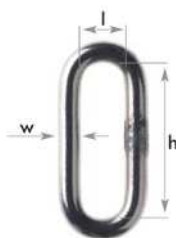
Bright polished - Electro galvanised - Hot dipped galvanised



| Bright polished Art. code | Electro galvanised Art. code | Hot dipped galvanised Art. code | Mts. per bundle | Wire Ø mm. | Inside dim. mm | Weight gr./mt. | Swl Kg. |
|---------------------------|------------------------------|---------------------------------|-----------------|------------|----------------|----------------|---------|
|                           |                              |                                 |                 | w          | h x l          |                |         |
| MM CTN C29030DL           | MM CTN C29030DZ              | MM CTN C29030DF                 | 30              | 3          | 16x5           | 165            | 125     |
| MM CTN C29040DL           | MM CTN C29040DZ              | MM CTN C29040DF                 | 30              | 4          | 19x7           | 295            | 175     |
| MM CTN C29050DL           | MM CTN C29050DZ              | MM CTN C29050DF                 | 30              | 5          | 21x10          | 475            | 325     |
| MM CTN C29060DL           | MM CTN C29060DZ              | MM CTN C29060DF                 | 30              | 6          | 24x12          | 700            | 375     |
| MM CTN C29070DL           | MM CTN C29070DZ              | MM CTN C29070DF                 | 30              | 7          | 28x14          | 980            | 525     |
| MM CTN C29080DL           | MM CTN C29080DZ              | MM CTN C29080DF                 | 30              | 8          | 32x16          | 1255           | 700     |
| MM CTN C29100DL           | MM CTN C29100DZ              | MM CTN C29100DF                 | 25              | 10         | 40x17,5        | 2050           | 1250    |
| MM CTN C29120DL           | MM CTN C29120DZ              | MM CTN C29120DF                 | 17              | 12         | 48x24          | 2900           | 1750    |

 **Catenificio Rigamonti**
**DIN 763/5685 "C" LONG LINK CHAIN**

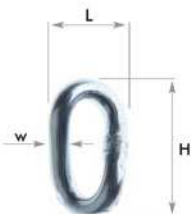
Bright polished - Electro galvanised  
Hot dipped galvanised



| Bright polished<br>(Bundles)<br>Art. code | Mts.<br>per<br>bundle | Electro galvanised<br>(Bundles)<br>Art. code | Mts.<br>per<br>bundle | Electro galvanised<br>(Reel)<br>Art. code | Mts.<br>per<br>reel | Electro galvanised<br>(Reel)<br>Art. code | Mts.<br>per<br>reel | Wire<br>Ø<br>mm. | Inside<br>dim.<br>mm | Weight<br>gr./<br>mt. | Swl<br>kg. | Break<br>load<br>kg. |
|-------------------------------------------|-----------------------|----------------------------------------------|-----------------------|-------------------------------------------|---------------------|-------------------------------------------|---------------------|------------------|----------------------|-----------------------|------------|----------------------|
|                                           |                       |                                              |                       |                                           |                     |                                           |                     | w                | h x l                |                       |            |                      |
| MM CTN C25025DL                           | 25                    | MM CTN C25025DZ                              | 25                    | MM CTN C25025EZ/60                        | 60                  | -                                         | -                   | 2,5              | 24x5                 | 100                   | -          | -                    |
| MM CTN C25030DL                           | 30                    | MM CTN C25030DZ                              | 30                    | MM CTN C25030EZ/60                        | 60                  | MM CTN C25030DF                           | 50                  | 3                | 26x6                 | 150                   | 125        | 500                  |
| MM CTN C25035DL                           | 30                    | MM CTN C25035DZ                              | 30                    | -                                         | -                   | -                                         | -                   | 3,5              | 28x7                 | 195                   | 150        | 600                  |
| MM CTN C25040DL                           | 30                    | MM CTN C25040DZ                              | 30                    | MM CTN C25040EZ/58                        | 58                  | MM CTN C25040DF                           | 50                  | 4                | 32x8                 | 260                   | 188        | 750                  |
| MM CTN C25045DL                           | 30                    | MM CTN C25045DZ                              | 30                    | -                                         | -                   | -                                         | -                   | 4,5              | 34x9                 | 335                   | 250        | 1000                 |
| MM CTN C25050DL                           | 30                    | MM CTN C25050DZ                              | 30                    | MM CTN C25050EZ/32                        | 32                  | MM CTN C25050DF                           | 50                  | 5                | 35x10                | 410                   | 325        | 1300                 |
| MM CTN C25060DL                           | 30                    | MM CTN C25060DZ                              | 30                    | MM CTN C25060EZ/28                        | 28                  | MM CTN C25060DF                           | 50                  | 6                | 42x12                | 605                   | 375        | 1500                 |
| MM CTN C25070DL                           | 30                    | MM CTN C25070DZ                              | 30                    | -                                         | -                   | -                                         | -                   | 7                | 49x14                | 800                   | 525        | 2100                 |
| MM CTN C25080DL                           | 30                    | MM CTN C25080DZ                              | 30                    | MM CTN C25080EZ/20                        | 20                  | MM CTN C25080DF                           | 50                  | 8                | 52x16                | 1065                  | 700        | 2800                 |
| MM CTN C25100DL                           | 30                    | MM CTN C25100DZ                              | 30                    | -                                         | -                   | MM CTN C25100DF                           | -                   | 10               | 65x20                | 1680                  | 1250       | 5000                 |
| MM CTN C25130DL                           | 30                    | MM CTN C25130DZ                              | 30                    | -                                         | -                   | MM CTN C25130DF                           | -                   | 13               | 82x24                | 2925                  | 2000       | 8000                 |
| MM CTN C25160DL                           | 15/30                 | MM CTN C25160DZ                              | 15/30                 | -                                         | -                   | MM CTN C25160DF                           | -                   | 16               | 100x28               | 4365                  | 3125       | 12500                |
| MM CTN C25200DL                           | 15/30                 | MM CTN C25200DZ                              | 15/30                 | -                                         | -                   | MM CTN C25200DF                           | -                   | 20               | 120x35               | 7600                  | 5000       | 20000                |

 **Catenificio Rigamonti**
**TWIST LINK GENOVESE CHAIN**

Bright polished - Electro galvanised



| Bright<br>polished<br>Art. code | Electro<br>galvanised<br>Art. code | Mts.<br>per<br>bundle | Wire Ø<br>mm. | French<br>size n. | Outside dim.<br>mm | Weight<br>gr./mt. |
|---------------------------------|------------------------------------|-----------------------|---------------|-------------------|--------------------|-------------------|
|                                 |                                    |                       | w             |                   | H x L              |                   |
| MM CTN C04030DL                 | MM CTN C04030DZ                    | 50                    | 3             | 17                | 24x11,6            | 180               |
| MM CTN C04035DL                 | MM CTN C04034DZ                    | 60                    | 3,5           | 18                | 26x13              | 235               |
| MM CTN C04040DL                 | MM CTN C04040DZ                    | 50                    | 4             | 19                | 27x15              | 310               |
| MM CTN C04050DL                 | MM CTN C04049DZ                    | 40                    | 5             | 21                | 32x18              | 500               |
| MM CTN C04060DL                 | MM CTN C04060DZ                    | 30                    | 6             | 23                | 38x21              | 760               |
| MM CTN C04070DL                 | MM CTN C04070DZ                    | 25                    | 7             | 25                | 40x25              | 1050              |

## MOORING LINES

**armare**  
ropes

### STORM LINE

Ideal for the mooring of maxi yachts but also for temporary and long moorings of medium or small boats.

Double braid.

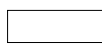
Balanced twist Nylon braided core in 12 or 16 plaits, up to diameter 20 mm; from diameter 22 mm core in PESHT.

24 plait balanced twist HT Polyester cover.



| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N020 08 | 8    | 2.000             | 46          | 200           |
| MM ARM N020 10 | 10   | 2.650             | 68          | 200           |
| MM ARM N020 12 | 12   | 3.500             | 97          | 200           |
| MM ARM N020 14 | 14   | 4.200             | 134         | 100           |
| MM ARM N020 16 | 16   | 4.900             | 144         | 100           |
| MM ARM N020 18 | 18   | 5.400             | 188         | 100           |
| MM ARM N020 20 | 20   | 8.500             | 288         | 100           |
| MM ARM N020 22 | 22   | 11.600            | 365         | 100           |
| MM ARM N020 24 | 24   | 13.500            | 441         | 100           |
| MM ARM N020 26 | 26   | 14.600            | 510         | 100           |
| MM ARM N020 28 | 28   | 18.500            | 575         | 100           |
| MM ARM N020 30 | 30   | 20.000            | 640         | 100           |
| MM ARM N020 32 | 32   | 23.600            | 890         | 100           |
| MM ARM N020 36 | 36   | 25.500            | 1.130       | 100           |
| MM ARM N020 40 | 40   | 31.000            | 1.280       | 100           |
| MM ARM N020 44 | 44   | 36.000            | 1.470       | 100           |
| MM ARM N020 48 | 48   | 40.800            | 1.760       | 100           |
| MM ARM N020 52 | 52   | 49.900            | 2.050       | 100           |

#### Standard Colours



Plain White



Plain Black



Plain Blue Navy

#### Special Colours



Plain Red



Plain Grey



Plain Bordeaux



Plain English Green



Plain Hemp

**armare**  
ropes

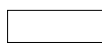
### ROUND LINE

From small to maxi yachts. Ideal for the mooring of maxi yachts. Very supple and manageable. Even after prolonged use. Easy to splice. Balanced twist 12 strand braid.



| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N028 16 | 16   | 4.160             | 170         | 100           |
| MM ARM N028 18 | 18   | 5.018             | 195         | 100           |
| MM ARM N028 20 | 20   | 5.460             | 240         | 100           |
| MM ARM N028 22 | 22   | 6.045             | 265         | 100           |
| MM ARM N028 24 | 24   | 6.890             | 320         | 100           |
| MM ARM N028 26 | 26   | 8.099             | 390         | 100           |
| MM ARM N028 28 | 28   | 10.465            | 460         | 100           |
| MM ARM N028 30 | 30   | 11.648            | 540         | 100           |
| MM ARM N028 32 | 32   | 12.350            | 600         | 100           |
| MM ARM N028 36 | 36   | 15.600            | 670         | 100           |
| MM ARM N028 40 | 40   | 17.500            | 740         | 100           |
| MM ARM N028 44 | 44   | 20.000            | 890         | 100           |

#### Standard Colours



Plain White



Plain Black



Plain Blue Navy

#### Special Colours



Plain Grey



Plain Bordeaux



Plain English Green



Plain Hemp

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ropes

### SEA KING

For the mooring of all types of boats up to maxi yachts.

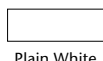
The best choice for permanent moorings and on mooring posts.

3 strand rope with balanced torsion and double twist construction.

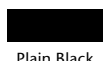


| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N012 03 | 3    | 300               | 9           | 300           |
| MM ARM N012 04 | 4    | 470               | 16          | 300           |
| MM ARM N012 05 | 5    | 600               | 22          | 300           |
| MM ARM N012 06 | 6    | 700               | 28          | 200           |
| MM ARM N012 08 | 8    | 1.270             | 48          | 200           |
| MM ARM N012 10 | 10   | 1.680             | 70          | 200           |
| MM ARM N012 12 | 12   | 2.800             | 103         | 200           |
| MM ARM N012 14 | 14   | 3.600             | 140         | 200           |
| MM ARM N012 16 | 16   | 4.300             | 185         | 100           |
| MM ARM N012 18 | 18   | 5.400             | 230         | 100           |
| MM ARM N012 20 | 20   | 6.700             | 290         | 100           |
| MM ARM N012 22 | 22   | 8.300             | 320         | 100/200       |
| MM ARM N012 24 | 24   | 9.700             | 437         | 100/200       |
| MM ARM N012 26 | 26   | 11.100            | 500         | 100/200       |
| MM ARM N012 28 | 28   | 12.050            | 565         | 100/200       |
| MM ARM N012 30 | 30   | 13.400            | 650         | 100/200       |
| MM ARM N012 32 | 32   | 15.400            | 740         | 100/200       |
| MM ARM N012 36 | 36   | 19.000            | 900         | 100/200       |
| MM ARM N012 40 | 40   | 23.500            | 1.150       | 100/200       |

#### Standard Colours



Plain White

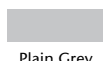


Plain Black



Plain Blue Navy

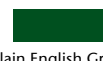
#### Special Colours



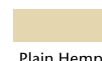
Plain Grey



Plain Bordeaux



Plain English Green



Plain Hemp

**armare**  
ropes

### SQUARE LINE

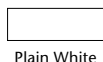
For the mooring of all types of boats up to maxi yachts. Anchoring, temporary and long moorings of medium and small boats.

Balanced twist 8 strand braid Polyester HT.

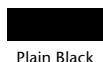


| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N011 10 | 10   | 1.600             | 71          | 200           |
| MM ARM N011 12 | 12   | 2.020             | 92          | 200           |
| MM ARM N011 14 | 14   | 2.700             | 125         | 200           |
| MM ARM N011 16 | 16   | 3.200             | 150         | 100           |
| MM ARM N011 18 | 18   | 3.860             | 170         | 100           |
| MM ARM N011 20 | 20   | 4.200             | 205         | 100           |
| MM ARM N011 22 | 22   | 4.650             | 230         | 100           |
| MM ARM N011 24 | 24   | 5.300             | 280         | 100           |
| MM ARM N011 26 | 26   | 6.230             | 340         | 100           |
| MM ARM N011 28 | 28   | 8.050             | 420         | 100           |
| MM ARM N011 30 | 30   | 8.960             | 470         | 100           |
| MM ARM N011 32 | 32   | 9.500             | 520         | 100           |
| MM ARM N011 36 | 36   | 12.000            | 586         | 100           |
| MM ARM N011 40 | 40   | 13.500            | 650         | 100           |
| MM ARM N011 44 | 44   | 15.400            | 800         | 100           |
| MM ARM N011 48 | 48   | 19.000            | 985         | 100           |
| MM ARM N011 52 | 52   | 23.500            | 1.280       | 100           |

#### Standard Colours



Plain White

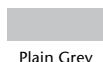


Plain Black



Plain Blue Navy

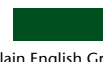
#### Special Colours



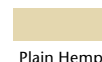
Plain Grey



Plain Bordeaux



Plain English Green



Plain Hemp



**SECUR LINE**

Emergency anchoring and mooring rope, long mooring line from boat to land, towing line.

Balanced twist 8 strand braid made with 100%

Dyneema® SK75 and PU coating.



## Standard Colours



Plain Light Grey



Plain Yellow

| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N037 10 | 10   | 10.000            | 60          | 200           |
| MM ARM N037 12 | 12   | 12.500            | 80          | 200           |
| MM ARM N037 14 | 14   | 15.000            | 96          | 200           |
| MM ARM N037 16 | 16   | 18.000            | 110         | 200           |
| MM ARM N037 20 | 20   | 23.000            | 147         | 100           |
| MM ARM N037 24 | 24   | 28.000            | 192         | 100           |
| MM ARM N037 28 | 28   | 34.000            | 230         | 100           |
| MM ARM N037 32 | 32   | 39.000            | 250         | 100           |
| MM ARM N037 36 | 36   | 45.000            | 300         | 100           |
| MM ARM N037 40 | 40   | 50.000            | 350         | 100           |
| MM ARM N037 44 | 44   | 55.000            | 400         | 100           |

**SPEEDCRUISE****SPECTRA LINE**

The new Line for halyards, sheets and afterguys on cruising boats.

This article is superior to the quality of the regular polyester double braids, thanks to the core which is braided with Spectra® and High Modulus Polyethylene.

Good Breaking load and a fairly low elongation, but also flexibility, suppleness, lightness and low water absorption. The double braid construction, without the intermediate braid, makes it easy to splice.



## Standard Colours



Plain White



Plain Blue Navy



Plain Grey



Plain Light Blue



Plain Red



Plain Hemp

| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N036 6  | 6    | 1.100             | 26          | 200           |
| MM ARM N036 8  | 8    | 1.850             | 47          | 200           |
| MM ARM N036 10 | 10   | 2.900             | 73          | 200           |
| MM ARM N036 12 | 12   | 4.800             | 95          | 200           |
| MM ARM N036 14 | 14   | 6.100             | 134         | 100           |
| MM ARM N036 16 | 16   | 8.400             | 172         | 100           |
| MM ARM N036 18 | 18   | 10.500            | 222         | 100           |
| MM ARM N036 20 | 20   | 12.100            | 278         | 100           |
| MM ARM N036 22 | 22   | 14.300            | 315         | 100           |

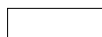
**FENDER BRAID**

For all boats. Fender braid and other on board uses.

24 plait HT Polyester braid.



## Standard Colours



Plain White



Plain Black



Plain Blue Navy



Plain Grey



Plain Bordeaux



Plain English Green



Plain Hemp

## Special Colours

| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N021 08 | 8    | 1.500             |             | 100           |
| MM ARM N021 10 | 10   | 1.900             |             | 100           |
| MM ARM N021 12 | 12   | 2.150             |             | 100           |
| MM ARM N021 14 | 14   | 2.630             |             | 100           |
| MM ARM N021 16 | 16   | 3.450             |             | 100           |



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**DYNEFORCE 75**

Halyards, sheets, afterguys, tackles, strops and many other applications.

12 plait with 100% Dyneema® SK75 impregnated with polyurethane coating and special heat treatment HSP.



| Part Number     | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|-----------------|------|-------------------|-------------|---------------|
| MM ARM N023 015 | 1,5  | 300               | 2           | 200           |
| MM ARM N023 02  | 2    | 500               | 2           | 200           |
| MM ARM N023 03  | 3    | 860               | 5           | 200           |
| MM ARM N023 04  | 4    | 1.810             | 8           | 200           |
| MM ARM N023 05  | 5    | 2.760             | 14          | 200           |
| MM ARM N023 06  | 6    | 3.800             | 19          | 200           |
| MM ARM N023 07  | 7    | 5.800             | 28          | 100           |
| MM ARM N023 08  | 8    | 7.220             | 35          | 100           |
| MM ARM N023 09  | 9    | 8.550             | 41          | 100           |
| MM ARM N023 10  | 10   | 10.500            | 56          | 100           |
| MM ARM N023 12  | 12   | 14.160            | 79          | 100           |
| MM ARM N023 14  | 14   | 17.100            | 105         | 100           |
| MM ARM N023 15  | 16   | 20.950            | 130         | 100           |
| MM ARM N023 18  | 18   | 24.500            | 157         | 100           |
| MM ARM N023 20  | 20   | 29.260            | 191         | 100           |
| MM ARM N023 22  | 22   | 34.200            | 231         | 100           |

**Standard Colours**


Plain White



Plain Black



Plain Grey



Plain Light Blue



Plain Red



Plain Green



Plain Yellow

**armare**  
ropes

**STAR**

Halyards, sheets, topping lifts, tackles and control lines on cruising boats. Large diameters are ideal for maxi sail yachts.

Prestretched double braid.

HT Polyester core.

HT Polyester cover.



| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N001 03 | 3    | 250               | 10          | 200           |
| MM ARM N001 04 | 4    | 450               | 15          | 200           |
| MM ARM N001 05 | 5    | 650               | 23          | 200           |
| MM ARM N001 06 | 6    | 900               | 30          | 200           |
| MM ARM N001 07 | 7    | 1.200             | 39          | 200           |
| MM ARM N001 08 | 8    | 1.550             | 49          | 200           |
| MM ARM N001 10 | 10   | 2.450             | 75          | 150           |
| MM ARM N001 12 | 12   | 3.300             | 103         | 150           |
| MM ARM N001 14 | 14   | 4.500             | 148         | 100           |
| MM ARM N001 16 | 16   | 6.000             | 198         | 100           |
| MM ARM N001 18 | 18   | 7.400             | 240         | 100           |
| MM ARM N001 20 | 20   | 9.100             | 280         | 100           |
| MM ARM N001 22 | 22   | 10.000            | 338         | 100           |
| MM ARM N001 24 | 24   | 12.500            | 410         | 100           |
| MM ARM N001 26 | 26   | 14.700            | 495         | 100           |

**Standard Colours**


Plain White



White\_Black Markers



White\_Light Blue Markers



White\_red marker



White\_yellow markers



White\_green markers

**Plain Colours**


Plain Blue Navy



Plain Light Blue



Plain Red



Plain Yellow



Plain Green



Plain Black



Plain Grey



Plain Anthracite



Plain Hemp

**Special Colours**


Grey\_Light Blue



Grey\_Red



Grey\_Yellow



### DYNEFORCE 78

Strops, control lines, tackles, lashing, tapered halyards, backstays and many uses on board.

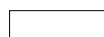
12 plait with 100% Dyneema® SK78 impregnated with polyurethane coating and special heat treatment HSP.

100% Dyneema® SK78.



| Part Number    | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|----------------|------|-------------------|-------------|---------------|
| MM ARM N032 03 | 3    | 900               | 4           | 200           |
| MM ARM N032 04 | 4    | 1.900             | 8           | 200           |
| MM ARM N032 05 | 5    | 3.140             | 14          | 200           |
| MM ARM N032 06 | 6    | 4.480             | 19          | 200           |
| MM ARM N032 07 | 7    | 6.720             | 28          | 100           |
| MM ARM N032 08 | 8    | 8.000             | 35          | 100           |
| MM ARM N032 09 | 9    | 9.740             | 41          | 100           |
| MM ARM N032 10 | 10   | 12.210            | 56          | 100           |
| MM ARM N032 12 | 12   | 16.690            | 76          | 100           |
| MM ARM N032 14 | 14   | 20.160            | 105         | 100           |
| MM ARM N032 16 | 16   | 24.800            | 130         | 100           |
| MM ARM N032 18 | 18   | 28.000            | 157         | 100           |
| MM ARM N032 20 | 20   | 33.600            | 191         | 100           |
| MM ARM N032 22 | 22   | 37.200            | 228         | 100           |

#### Standard Colours



Plain White



Plain Black



Plain Grey



Plain Light Blue



Plain Red



Plain Green



Plain Yellow



### SAGOLA



Only plain colours

White and plain colours with markers

| Part Number     | Ø mm | Breaking Loads kg | Weight gr/m | Roll Length m |
|-----------------|------|-------------------|-------------|---------------|
| MM ARM N016 006 | 0,6  | 29                | 0,8         | 300           |
| MM ARM N016 008 | 0,8  | 46                | 1,1         | 300           |
| MM ARM N016 01  | 1    | 50                | 1,6         | 200           |
| MM ARM N016 015 | 1,5  | 79                | 2,1         | 200           |
| MM ARM N016 02  | 2    | 132               | 3,2         | 200           |
| MM ARM N016 025 | 2,5  | 143               | 4,4         | 200           |
| MM ARM N016 03  | 3    | 192               | 5,5         | 200           |
| MM ARM N016 035 | 3,5  | 271               | 8,6         | 200           |
| MM ARM N016 04  | 4    | 320               | 16          | 200           |
| MM ARM N016 05  | 5    | 400               | 22          | 200           |
| MM ARM N016 06  | 6    | 500               | 30          | 200           |

For all boats, dinghies, wind-surfing and kite-surfing.  
HT polyester braid.

#### Standard Colours



Plain White



White\_Red Markers



White\_Green Marker



White\_Light Blue Markers



Plain black



Plain Blue



Azure\_Yellow Markers



Red\_Yellow Markers



Green\_Yellow Markers



Yellow\_Light Blue Markers

**armare**  
ropes

### ELASTIC

Technical use: sail makers, tapestry workers, shops.  
On board use: awings, covers, bindings, falls etc.  
100% HT Polyester sock.  
100% Latex core.



| Part Number    | Ø mm | Roll Length m |
|----------------|------|---------------|
| MM ARM N014 03 | 3    | 100           |
| MM ARM N014 04 | 4    | 100           |
| MM ARM N014 05 | 5    | 100           |
| MM ARM N014 06 | 6    | 100           |
| MM ARM N014 08 | 8    | 100           |
| MM ARM N014 10 | 10   | 100           |

### Standard Colours



White\_Black Markers



Plain Black

**armare**  
ropes

### WAXED BRIDE MINIROLLS

For biding and sewing.



| Part Number     | Ø mm | Roll Length m |
|-----------------|------|---------------|
| MM ARM N026 01  | 1    | 20            |
| MM ARM N026 015 | 1,5  | 15            |

Colours: base colour choice between white - black - red - blue navy - brown - green - light blue - hemp - grey - yellow - bordeaux.

**armare**  
ropes

### STORM LINE SPLICED



On stainless-steel  
thimble



On stainless-steel  
thimble, leather  
pant



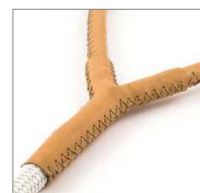
Loop



Loop with leather  
pant



Loop with leather  
protection



Loop with leather  
protection and pant

### Leather Colours



Natural leather



Brown Leather



Black Leather

### Standard Colours



Plain White



Plain Black



Plain Blue Navy

### Special Colours



Plain Red



Plain Grey



Plain Bordeaux



Plain English Green



Plain Hemp

## HEAVING LINE BAGS



Black leather sewn around a core of lead shots. Nickel-plated brass eyelet. Weight 400 g.

Code: MM OSC 2313001

## MONKEY FIST HEAVING LINE



Made of blue nylon, braided around the lead's core, weight 300 g.

Code: MM OSC 2313000

**armare**  
ropes

## ACCESSORIES

**HEAT CUTTER**

MM ARM N300

Power: 60 W  
Working voltage: 220 V - 50 HZ  
Double insulation  
CE Marked  
Weight: 1 Kg

**MARLIN SPIKES**

MM ARM N301

Splicing set, made with the best stainless steel and a solid, smooth wooden handle.

Marline spikes for the following types of ropes:

- 3 strand rope (Sea King)
- 8 strand rope (Square Line)
- 12 strand rope (Round Line)

Available in two sizes:

- Length: cm. 17,5 – for ropes up to 16 mm dia.
- Length: cm. 26,5 – for ropes up to 30 mm dia.

**SPLICING KIT**

MM ARM N302

The splicing kit, for the correct splicing on braids and double braids, is made with 316 polished stainless-steel.

It can be used for the splicing of ropes from diameter 4 mm to 18 mm.

The kit is supplied with instructions.

**SAIL MAKERS NEEDLES**

MM ARM N303

5 original English needles for binding and sewing.

Optimal for mending sails and hand sewing on ropes and leather.

## MARLOW KIT FOR LINE SPLICING



Includes drawing instructions, a set of needles, fid, whipping twine, tape.

Code: MM OSC 1029100

## Notes

## Wish List

## Drawings / Sketches

Memo.