

Closed Spelter Socket CSS



Product information

The Ropeblock closed spelter socket CSS designed with mechanical values (Charpy-V > 42 joule / - 20° C) for tough and low temperature use.

All sockets have a 100% efficiency on the MBL of the steel wire rope but are limited to the MBL of the socket.

The CSS sockets are Type Approved by DNV and Lloyd's Register.

CSS 296 until CSS 201 only available with hot dipped galvanized finish.

Material: Quenched and tempered cast steel.

Marking: CE-marked

Temperature range: - 40°C to + 110°C - Use at higher temperatures possible with reduction of WLL.

Finish: Hot dipped Galvanized (G) or painted blue (P).

| Part code | Rope Ø range mm | MBL ton | Finish | Strand Ø mm | A mm | B mm | C mm | Ø H mm | K mm | T mm | TA mm | TL mm | Weight kg |
|-----------------|-----------------|---------|------------|-------------|------|------|------|--------|------|------|-------|-------|-----------|
| 10.10CSS296.GAL | 6-7 | 8 | Galvanized | - | 50 | 40 | 11 | 9,1 | 22 | 13 | 37 | 101 | 0.3 |
| 10.10CSS296 | 6-7 | 8 | Painted | - | 50 | 40 | 11 | 9,1 | 22 | 13 | 37 | 101 | 0.3 |
| 10.10CSS297.GAL | 8-10 | 12 | Galvanized | - | 57 | 48 | 14 | 12,6 | 25 | 18 | 43 | 119 | 0.5 |
| 10.10CSS297 | 8-10 | 12 | Painted | - | 57 | 48 | 14 | 12,6 | 25 | 18 | 43 | 119 | 0.5 |
| 10.10CSS298.GAL | 11-13 | 20 | Galvanized | - | 64 | 59 | 17,5 | 14,6 | 30 | 23 | 51 | 140 | 0.7 |
| 10.10CSS298 | 11-13 | 20 | Painted | - | 64 | 59 | 17,5 | 14,6 | 30 | 23 | 51 | 140 | 0.7 |
| 10.10CSS299.GAL | 14-16 | 25 | Galvanized | 13 | 76 | 65 | 21 | 18,1 | 36 | 26 | 67 | 162 | 1.4 |
| 10.10CSS299 | 14-16 | 25 | Painted | 13 | 76 | 65 | 21 | 18,1 | 36 | 26 | 67 | 162 | 1.4 |

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|-----------------|-------|-----|------------|-------|-----|-----|----|------|-----|-----|-----|-----|-----|
| 10.10CSS200.GAL | 18-19 | 40 | Galvanized | 14-16 | 89 | 78 | 27 | 21,9 | 42 | 32 | 76 | 194 | 2.2 |
| 10.10CSS200 | 18-19 | 40 | Painted | 14-16 | 89 | 78 | 27 | 21,9 | 42 | 32 | 76 | 194 | 2.2 |
| 10.10CSS201.GAL | 20-22 | 55 | Galvanized | 18-19 | 101 | 90 | 33 | 24,9 | 47 | 38 | 92 | 224 | 3.8 |
| 10.10CSS201 | 20-22 | 55 | Painted | 18-19 | 101 | 90 | 33 | 24,9 | 47 | 38 | 92 | 224 | 3.8 |
| 10.10CSS204.GAL | 23-26 | 75 | Galvanized | 20-22 | 114 | 103 | 36 | 28,8 | 57 | 44 | 104 | 253 | 5.4 |
| 10.10CSS204 | 23-26 | 75 | Painted | 20-22 | 114 | 103 | 36 | 28,8 | 57 | 44 | 104 | 253 | 5.4 |
| 10.10CSS207.GAL | 27-30 | 90 | Galvanized | 23-26 | 127 | 116 | 39 | 32,9 | 65 | 51 | 114 | 282 | 7 |
| 10.10CSS207 | 27-30 | 90 | Painted | 23-26 | 127 | 116 | 39 | 32,9 | 65 | 51 | 114 | 282 | 7 |
| 10.10CSS212.GAL | 31-36 | 125 | Galvanized | 27-28 | 139 | 130 | 43 | 39,2 | 71 | 57 | 126 | 312 | 10 |
| 10.10CSS212 | 31-36 | 125 | Painted | 27-28 | 139 | 130 | 43 | 39,2 | 71 | 57 | 126 | 312 | 10 |
| 10.10CSS215.GAL | 37-39 | 150 | Galvanized | 30-32 | 152 | 155 | 51 | 42,5 | 81 | 63 | 136 | 358 | 13 |
| 10.10CSS215 | 37-39 | 150 | Painted | 30-32 | 152 | 155 | 51 | 42,5 | 81 | 63 | 136 | 358 | 13 |
| 10.10CSS217.GAL | 40-42 | 170 | Galvanized | 33-35 | 165 | 171 | 54 | 45,5 | 83 | 70 | 146 | 390 | 17 |
| 10.10CSS217 | 40-42 | 170 | Painted | 33-35 | 165 | 171 | 54 | 45,5 | 83 | 70 | 146 | 390 | 17 |
| 10.10CSS219.GAL | 43-48 | 225 | Galvanized | 36-40 | 190 | 198 | 55 | 52,5 | 93 | 76 | 171 | 443 | 26 |
| 10.10CSS219 | 43-48 | 225 | Painted | 36-40 | 190 | 198 | 55 | 52,5 | 93 | 76 | 171 | 443 | 26 |
| 10.10CSS222.GAL | 49-54 | 280 | Galvanized | 42-45 | 216 | 224 | 62 | 59,1 | 100 | 82 | 193 | 502 | 37 |
| 10.10CSS222 | 49-54 | 280 | Painted | 42-45 | 216 | 224 | 62 | 59,1 | 100 | 82 | 193 | 502 | 37 |
| 10.10CSS224.GAL | 55-60 | 360 | Galvanized | 46-48 | 228 | 247 | 73 | 65,1 | 112 | 92 | 216 | 548 | 50 |
| 10.10CSS224 | 55-60 | 360 | Painted | 46-48 | 228 | 247 | 73 | 65,1 | 112 | 92 | 216 | 548 | 50 |
| 10.10CSS226.GAL | 61-68 | 425 | Galvanized | 50-54 | 248 | 270 | 79 | 73,4 | 140 | 102 | 241 | 257 | 66 |
| 10.10CSS226 | 61-68 | 425 | Painted | 50-54 | 248 | 270 | 79 | 73,4 | 140 | 102 | 241 | 257 | 66 |
| 10.10CSS227.GAL | 69-75 | 460 | Galvanized | 56-62 | 279 | 286 | 79 | 79,4 | 159 | 124 | 273 | 644 | 91 |

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|-----------------|---------|-------|------------|---------|-----|-----|-----|-------|-----|-----|-----|-------|-------|
| 10.10CSS227 | 69-75 | 460 | Painted | 56-62 | 279 | 286 | 79 | 79,4 | 159 | 124 | 273 | 644 | 91 |
| 10.10CSS228.GAL | 76-80 | 560 | Galvanized | 64-67 | 315 | 298 | 83 | 88,2 | 171 | 133 | 292 | 696 | 117 |
| 10.10CSS228 | 76-80 | 560 | Painted | 64-67 | 315 | 298 | 83 | 88,2 | 171 | 133 | 292 | 696 | 117 |
| 10.10CSS229.GAL | 81-86 | 625 | Galvanized | 69-76 | 330 | 311 | 102 | 92,4 | 184 | 146 | 311 | 743 | 125 |
| 10.10CSS229 | 81-86 | 625 | Painted | 69-76 | 330 | 311 | 102 | 92,4 | 184 | 146 | 311 | 743 | 125 |
| 10.10CSS230.GAL | 87-93 | 720 | Galvanized | 78-86 | 356 | 330 | 102 | 98,8 | 197 | 159 | 330 | 788 | 176 |
| 10.10CSS230 | 87-93 | 720 | Painted | 78-86 | 356 | 330 | 102 | 98,8 | 197 | 159 | 330 | 788 | 176 |
| 10.10CSS231.GAL | 94-102 | 875 | Galvanized | 88-96 | 381 | 356 | 108 | 107,8 | 216 | 178 | 362 | 845 | 228 |
| 10.10CSS231 | 94-102 | 875 | Painted | 88-96 | 381 | 356 | 108 | 107,8 | 216 | 178 | 362 | 845 | 228 |
| 10.10CSS233.GAL | 108-115 | 1,200 | Galvanized | 98-110 | 450 | 425 | 125 | 129,5 | 235 | 190 | 405 | 1,000 | 323 |
| 10.10CSS233 | 108-115 | 1,200 | Painted | 98-110 | 450 | 425 | 125 | 129,5 | 235 | 190 | 405 | 1,000 | 323 |
| 10.10CSS240.GAL | 120-130 | 1,400 | Galvanized | 112-124 | 500 | 525 | 125 | 147,1 | 260 | 200 | 450 | 1,150 | 447 |
| 10.10CSS240 | 120-130 | 1,400 | Painted | 112-124 | 500 | 525 | 125 | 147,1 | 260 | 200 | 450 | 1,150 | 447 |
| 10.10CSS245.GAL | 135-140 | 1,600 | Galvanized | 125-132 | 540 | 495 | 150 | 153,9 | 290 | 220 | 520 | 1,185 | 645 |
| 10.10CSS250.GAL | 142-153 | 2,000 | Galvanized | 133-143 | 585 | 530 | 170 | 171,1 | 305 | 240 | 545 | 1,285 | 741 |
| 10.10CSS255.GAL | 154-165 | 2,220 | Galvanized | 144-154 | 630 | 565 | 175 | 185,1 | 330 | 250 | 575 | 1,370 | 860 |
| 10.10CSS260.GAL | 166-178 | 2,500 | Galvanized | 155-166 | 680 | 590 | 180 | 199,1 | 330 | 270 | 595 | 1,450 | 985 |
| 10.10CSS265.GAL | 180-191 | 2,800 | Galvanized | 167-179 | 725 | 620 | 190 | 213 | 350 | 290 | 625 | 1,535 | 1,183 |
| 10.10CSS270.GAL | 192-204 | 3,200 | Galvanized | 180-191 | 775 | 650 | 210 | 228,5 | 395 | 305 | 690 | 1,635 | 1,487 |

Blueprint

