



Z FERRULES EN 13411-3



| Available from Code | | 2,5 to 60 | | Ferrules according to EURONORM 13411-3 | | | | |
|---------------------|-----------|--|--|---|--|---|--|-----------------------------|
| Rope Ø mm | | Single layer round strand ropes with fibre core and cable laid ropes | | Single layer round strand ropes with IWRC and rotation-resistant round strand ropes | | Single layer round strand ropes with IWRC and rotation-resistant round strand ropes | | spiral strands (2 ferrules) |
| nominal | measured | C ≥ 0,283 | | C ≤ 0,487 | | 0,487 < C ≤ 0,613 | | C ≤ 0,613 |
| d | min. max. | | | | | | | |
| 2,5 | 2,5 2,7 | 2,5 | | 3 | | - | | - |
| 3 | 2,8 3,2 | 3 | | 3,5 | | - | | - |
| 3,5 | 3,3 3,7 | 3,5 | | 4 | | - | | - |
| 4 | 3,8 4,3 | 4 | | 4,5 | | - | | 5 |
| 4,5 | 4,4 4,8 | 4,5 | | 5 | | - | | 6 |
| 5 | 4,9 5,4 | 5 | | 6 | | - | | 6,5 |
| 6 | 5,5 5,9 | 6 | | 6,5 | | - | | 7 |
| 6,5 | 6,0 6,4 | 6,5 | | 7 | | 7 | | 8 |
| 7 | 6,5 6,9 | 7 | | 8 | | 8 | | 9 |
| 8 | 7,0 7,4 | 8 | | 9 | | 9 | | 10 |
| 9 | 7,5 7,9 | 9 | | 10 | | 10 | | 11 |
| 10 | 8,0 8,4 | 10 | | 11 | | 11 | | 12 |
| 11 | 8,5 8,9 | 11 | | 12 | | 12 | | 13 |
| 12 | 9,0 9,5 | 12 | | 13 | | 13 | | 14 |
| 13 | 9,6 9,9 | 13 | | 14 | | 14 | | 16 |
| 14 | 10,0 10,5 | 14 | | 16 | | 16 | | 18 |
| 16 | 10,6 10,9 | 16 | | 18 | | 18 | | 20 |
| 18 | 11,0 11,6 | 18 | | 20 | | 20 | | 22 |
| 20 | 11,7 11,9 | 20 | | 22 | | 22 | | 24 |
| 22 | 12,0 12,6 | 22 | | 24 | | 24 | | 26 |
| 24 | 12,7 12,9 | 24 | | 26 | | 26 | | 28 |
| 26 | 13,0 13,7 | 26 | | 28 | | 28 | | 30 |
| 28 | 13,8 13,9 | 28 | | 30 | | 30 | | 32 |
| 30 | 14,0 14,7 | 30 | | 32 | | 32 | | 34 |
| 32 | 14,8 15,9 | 32 | | 34 | | 34 | | 36 |
| 34 | 16,0 16,8 | 34 | | 36 | | 36 | | 38 |
| 36 | 16,9 17,9 | 36 | | 38 | | 38 | | 40 |
| 38 | 18,0 18,9 | 38 | | 40 | | 40 | | 44 |
| 40 | 19,0 19,9 | 40 | | 44 | | 44 | | 48 |
| 44 | 20,0 21 | 44 | | 48 | | 48 | | 48 |
| 48 | 21,1 21,9 | 48 | | 52 | | 52 | | 52 |
| 52 | 22,0 23,1 | 52 | | 56 | | 56 | | 56 |
| 56 | 23,2 23,9 | 56 | | 60 | | 60 | | 60 |
| 60 | 24,0 25,2 | 60 | | - | | - | | - |
| | 25,3 25,9 | - | | - | | - | | - |
| | 26,0 27,3 | - | | - | | - | | - |
| | 27,4 27,9 | - | | - | | - | | - |
| | 28,0 29,4 | - | | - | | - | | - |
| | 29,5 29,9 | - | | - | | - | | - |
| | 30,0 31,5 | - | | - | | - | | - |
| | 31,6 31,9 | - | | - | | - | | - |
| | 32,0 33,6 | - | | - | | - | | - |
| | 33,7 33,9 | - | | - | | - | | - |
| | 34,0 35,7 | - | | - | | - | | - |
| | 35,8 35,9 | - | | - | | - | | - |
| | 36,0 37,8 | - | | - | | - | | - |
| | 37,9 37,9 | - | | - | | - | | - |
| | 38,0 39,9 | - | | - | | - | | - |
| | 40,0 42 | - | | - | | - | | - |
| | 41,1 43,9 | - | | - | | - | | - |
| | 44,0 46,2 | - | | - | | - | | - |
| | 46,3 47,9 | - | | - | | - | | - |
| | 48,0 50,4 | - | | - | | - | | - |
| | 50,5 51,9 | - | | - | | - | | - |
| | 52,0 54,6 | - | | - | | - | | - |
| | 54,7 55,9 | - | | - | | - | | - |
| | 56,0 58,8 | - | | - | | - | | - |
| | 58,9 59,9 | - | | - | | - | | - |
| | 60,0 63 | - | | - | | - | | - |

Remark: To convert the old fill factor f (DIN 3093) into the new metallic cross sectional area factor C (EN 13411-3) multiply f by 0,7854
We reserve the right to amend technical data