

Shaft Collars, Clamp Collars Single-Split

Material: Steel C45, black oxide finish, or zinc-plated, Screw steel 12.9.
Stainless steel 1.4305, Screw stainless steel A2-70.
Aluminium or aluminium anodized, screw stainless steel A2-70.

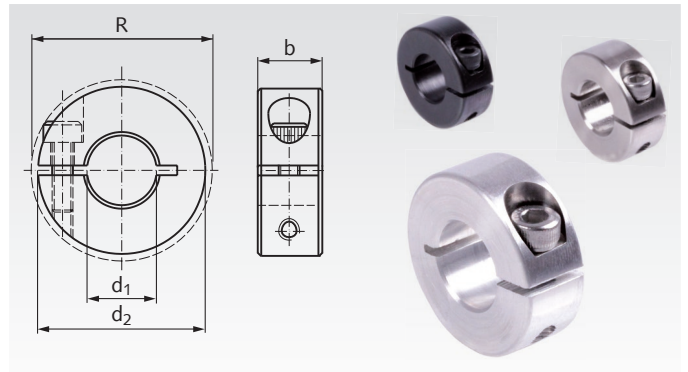


Features: does not damage the shaft, stronger clamping force than with set collars, even distribution of clamping forces, easy readjustment, precision honed bores.
The threads of the screws DIN 912 are covered with a layer of nylon.

Tolerance b: +0.08 mm
-0.25 mm

Temperature range: -40°C to +175°C.

Ordering Details: e.g.: Product No. 623 103 00, Clamp Collar, 3 mm Bore



| Product No. Steel black | Product No. Steel zinc-plated | Product No. Stainless Steel | Product No. Aluminium | Product No. Alu anodized | d ₁ mm | d ₂ mm | R _{max} mm | b mm | Screw DIN912 | Weight Steel g | Weight Aluminium g |
|----------------------------|----------------------------------|--------------------------------|--------------------------|-----------------------------|----------------------|----------------------|------------------------|---------|-----------------|----------------------|--------------------------|
| 623 103 00 | 623 881 03 | 623 991 03 | 623 661 03 | 623 671 03 | 3 | 16 | 20,7 | 9 | M3 x 8 | 11 | 4 |
| 623 104 00 | 623 881 04 | 623 991 04 | 623 661 04 | 623 671 04 | 4 | 16 | 20,7 | 9 | M3 x 8 | 11 | 4 |
| 623 105 00 | 623 881 05 | 623 991 05 | 623 661 05 | 623 671 05 | 5 | 16 | 20,7 | 9 | M3 x 8 | 10 | 4 |
| 623 106 00 | 623 881 06 | 623 991 06 | 623 661 06 | 623 671 06 | 6 | 16 | 20,7 | 9 | M3 x 8 | 10 | 4 |
| 623 107 00 | 623 881 07 | 623 991 07 | 623 661 07 | 623 671 07 | 7 | 18 | 22,4 | 9 | M3 x 8 | 13 | 5 |
| 623 108 00 | 623 881 08 | 623 991 08 | 623 661 08 | 623 671 08 | 8 | 18 | 22,4 | 9 | M3 x 8 | 12 | 5 |
| 623 109 00 | 623 881 09 | 623 991 09 | 623 661 09 | 623 671 09 | 9 | 24 | 26,0 | 9 | M3 x 8 | 23 | 8 |
| 623 110 00 | 623 881 10 | 623 991 10 | 623 661 10 | 623 671 10 | 10 | 24 | 26,0 | 9 | M3 x 8 | 22 | 8 |
| 623 111 00 | 623 881 11 | 623 991 11 | 623 661 11 | 623 671 11 | 11 | 28 | 31,8 | 11 | M4 x 12 | 39 | 14 |
| 623 112 00 | 623 881 12 | 623 991 12 | 623 661 12 | 623 671 12 | 12 | 28 | 31,8 | 11 | M4 x 12 | 38 | 13 |
| 623 113 00 | 623 881 13 | 623 991 13 | 623 661 13 | 623 671 13 | 13 | 30 | 33,9 | 11 | M4 x 12 | 43 | 15 |
| 623 114 00 | 623 881 14 | 623 991 14 | 623 661 14 | 623 671 14 | 14 | 30 | 33,9 | 11 | M4 x 12 | 42 | 15 |
| 623 115 00 | 623 881 15 | 623 991 15 | 623 661 15 | 623 671 15 | 15 | 34 | 39,4 | 13 | M5 x 14 | 65 | 23 |
| 623 116 00 | 623 881 16 | 623 991 16 | 623 661 16 | 623 671 16 | 16 | 34 | 39,4 | 13 | M5 x 14 | 63 | 22 |
| 623 117 00 | 623 881 17 | 623 991 17 | 623 661 17 | 623 671 17 | 17 | 36 | 41,2 | 13 | M5 x 14 | 72 | 25 |
| 623 118 00 | 623 881 18 | 623 991 18 | 623 661 18 | 623 671 18 | 18 | 36 | 41,2 | 13 | M5 x 14 | 69 | 24 |
| 623 119 00 | 623 881 19 | 623 991 19 | 623 661 19 | 623 671 19 | 19 | 40 | 46,4 | 15 | M5 x 14 | 100 | 35 |
| 623 120 00 | 623 881 20 | 623 991 20 | 623 661 20 | 623 671 20 | 20 | 40 | 46,4 | 15 | M6 x 16 | 97 | 34 |
| 623 121 00 | 623 881 21 | 623 991 21 | 623 661 21 | 623 671 21 | 21 | 42 | 48,1 | 15 | M6 x 16 | 107 | 37 |
| 623 122 00 | 623 881 22 | 623 991 22 | 623 661 22 | 623 671 22 | 22 | 42 | 48,1 | 15 | M6 x 16 | 103 | 36 |
| 623 123 00 | 623 881 23 | 623 991 23 | 623 661 23 | 623 671 23 | 23 | 45 | 50,8 | 15 | M6 x 16 | 122 | 42 |
| 623 124 00 | 623 881 24 | 623 991 24 | 623 661 24 | 623 671 24 | 24 | 45 | 50,8 | 15 | M6 x 16 | 117 | 40 |
| 623 125 00 | 623 881 25 | 623 991 25 | 623 661 25 | 623 671 25 | 25 | 45 | 50,8 | 15 | M6 x 16 | 114 | 40 |
| 623 126 00 | 623 881 26 | 623 991 26 | 623 661 26 | 623 671 26 | 26 | 48 | 53,7 | 15 | M6 x 18 | 133 | 46 |
| 623 128 00 | 623 881 28 | 623 991 28 | 623 661 28 | 623 671 28 | 28 | 48 | 53,7 | 15 | M6 x 18 | 123 | 43 |
| 623 130 00 | 623 881 30 | 623 991 30 | 623 661 30 | 623 671 30 | 30 | 54 | 58,6 | 15 | M6 x 18 | 163 | 56 |
| 623 132 00 | 623 881 32 | 623 991 32 | 623 661 32 | 623 671 32 | 32 | 54 | 58,6 | 15 | M6 x 18 | 156 | 54 |
| 623 134 00 | 623 881 34 | 623 991 34 | 623 661 34 | 623 671 34 | 34 | 57 | 61,6 | 15 | M6 x 18 | 174 | 60 |
| 623 135 00 | 623 881 35 | 623 991 35 | 623 661 35 | 623 671 35 | 35 | 57 | 61,6 | 15 | M6 x 18 | 171 | 59 |
| 623 136 00 | 623 881 36 | 623 991 36 | 623 661 36 | 623 671 36 | 36 | 57 | 61,6 | 15 | M6 x 18 | 163 | 56 |
| 623 138 00 | 623 881 38 | 623 991 38 | 623 661 38 | 623 671 38 | 38 | 60 | 65,0 | 15 | M6 x 18 | 178 | 61 |
| 623 140 00 | 623 881 40 | 623 991 40 | 623 661 40 | 623 671 40 | 40 | 60 | 65,0 | 15 | M6 x 18 | 163 | 56 |
| 623 142 00 | 623 881 42 | 623 991 42 | 623 661 42 | 623 671 42 | 42 | 73 | 79,4 | 19 | M8 x 25 | 367 | 127 |
| 623 145 00 | 623 881 45 | 623 991 45 | 623 661 45 | 623 671 45 | 45 | 73 | 79,4 | 19 | M8 x 25 | 344 | 119 |
| 623 148 00 | 623 881 48 | 623 991 48 | 623 661 48 | 623 671 48 | 48 | 78 | 84,2 | 19 | M8 x 25 | 392 | 135 |
| 623 150 00 | 623 881 50 | 623 991 50 | 623 661 50 | 623 671 50 | 50 | 78 | 84,2 | 19 | M8 x 25 | 370 | 128 |
| 623 155 00 | 623 881 55 | 623 991 55 | - | - | 55 | 82 | 88,8 | 19 | M8 x 25 | 380 | - |
| 623 160 00 | 623 881 60 | 623 991 60 | - | - | 60 | 88 | 94,0 | 19 | M8 x 25 | 425 | - |
| 623 165 00 | 623 881 65 | 623 991 65 | - | - | 65 | 93 | 99,8 | 19 | M8 x 25 | 450 | - |
| 623 170 00 | 623 881 70 | 623 991 70 | - | - | 70 | 98 | 104,5 | 19 | M8 x 25 | 480 | - |
| 623 175 00 | 623 881 75 | 623 991 75 | - | - | 75 | 103 | 109,1 | 19 | M8 x 25 | 510 | - |
| 623 180 00 | 623 881 80 | 623 991 80 | - | - | 80 | 108 | 113,8 | 19 | M8 x 25 | 535 | - |
| 623 190 00 | 623 881 90 | 623 991 90 | - | - | 90 | 130 | 138,1 | 32 | M12 x 30 | 1730 | - |
| 623 200 00 | 623 882 00 | 623 992 00 | - | - | 100 | 140 | 147,6 | 32 | M12 x 30 | 1890 | - |