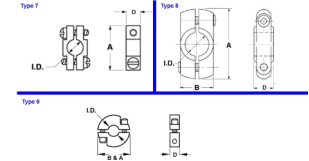




# MBA

## Clamps - Gear - Two Piece - Commercial Balanced



Commercial - Stainless - Aluminium - Carbon Steel - For our clamp type gears.

Commercial Type : Height and Clearance Radii Tolerances +/- 0.794.

Commercial Type : All other dimensional tolerances except ID +/-0.254.

These clamps are designed to clamp the OD of the hub on our clamp type gears. The shaft size listed is for reference only.

### Clamps - Gear - Two Piece - Commercial Balanced

| Part Number       | Inside Diameter (ID) mm | Clearance Radius mm | Depth (D) mm  | ID Tolerances mm | Suits gear shaft size mm | Type                 | Material            | Screw Size mm  | Height (A) mm | Width (B) mm  |
|-------------------|-------------------------|---------------------|---------------|------------------|--------------------------|----------------------|---------------------|----------------|---------------|---------------|
|                   | <i>inches</i>           | <i>inches</i>       | <i>inches</i> | <i>inches</i>    | <i>inches</i>            |                      |                     | <i>inches</i>  | <i>inches</i> | <i>inches</i> |
| # CG2-0318-RD9C-A | 3.175                   | 9.921               | 3.96          | +0.051 / - 0.000 | 2.381                    | Round - Type 9       | 2024-T351 Aluminium | 2-56           | 14.29         | 14.29         |
|                   | <i>0.125</i>            | <i>0.391</i>        | <i>0.156</i>  |                  | <i>0.094</i>             |                      |                     |                | <i>0.563</i>  | <i>0.563</i>  |
| # CG2-0318-RD9C-3 | 3.175                   | 9.921               | 3.96          | +0.051 / - 0.000 | 2.381                    | Round - Type 9       | 303 Stainless       | 2-56           | 14.29         | 14.29         |
|                   | <i>0.125</i>            | <i>0.391</i>        | <i>0.156</i>  |                  | <i>0.094</i>             |                      |                     |                | <i>0.563</i>  | <i>0.563</i>  |
| # CG2-0476-R7C-3  | 4.763                   | 7.145               | 3.96          | +0.102 / - 0.000 | 3.175                    | Rectangular - Type 7 | 303 Stainless       | 2-56 Fillister | 12.70         | 7.26          |
|                   | <i>0.188</i>            | <i>0.281</i>        | <i>0.156</i>  |                  | <i>0.125</i>             |                      |                     |                | <i>0.500</i>  | <i>0.286</i>  |

# Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Clamps - Gear - Two Piece - Commercial Balanced

| Part Number        | Inside Diameter (ID) mm | Clearance Radius mm | Depth (D) mm  | ID Tolerances mm | Suits gear shaft size mm | Type                 | Material               | Screw Size mm  | Height (A) mm | Width (B) mm  |
|--------------------|-------------------------|---------------------|---------------|------------------|--------------------------|----------------------|------------------------|----------------|---------------|---------------|
|                    | <i>inches</i>           | <i>inches</i>       | <i>inches</i> | <i>inches</i>    | <i>inches</i>            |                      |                        | <i>inches</i>  | <i>inches</i> | <i>inches</i> |
| # CG2-0476-R7C-4CP | 4.763                   | 7.145               | 3.96          | +0.102 / -0.000  | 3.175                    | Rectangular - Type 7 | 416 Stainless Hardened | 2-56 Cap Screw | 12.70         | 3.96          |
|                    | <i>0.188</i>            | <i>0.281</i>        | <i>0.156</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.500</i>  | <i>0.156</i>  |
| # CG2-0476-R7C-3CP | 4.763                   | 7.145               | 3.96          | +0.102 / -0.000  | 3.175                    | Rectangular - Type 7 | 303 Stainless          | 2-56 Cap Screw | 12.70         | 3.96          |
|                    | <i>0.188</i>            | <i>0.281</i>        | <i>0.156</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.500</i>  | <i>0.156</i>  |
| # CG2-0476-R7C-4   | 4.763                   | 7.145               | 3.96          | +0.102 / -0.000  | 3.175                    | Rectangular - Type 7 | 416 Stainless Hardened | 2-56 Fillister | 12.70         | 7.26          |
|                    | <i>0.188</i>            | <i>0.281</i>        | <i>0.156</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.500</i>  | <i>0.286</i>  |
| # CG2-0476-R8C-4DB | 4.763                   | 9.129               | 6.09          | +0.051 / -0.000  | 3.175                    | Rectangular - Type 8 | 416 Stainless Hardened | 2-56           | 18.26         | 7.94          |
|                    | <i>0.188</i>            | <i>0.359</i>        | <i>0.240</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.719</i>  | <i>0.313</i>  |
| # CG2-0476-R8C-4   | 4.763                   | 9.129               | 6.09          | +0.051 / -0.000  | 3.175                    | Rectangular - Type 8 | 416 Stainless Hardened | 2-56           | 18.26         | 7.94          |
|                    | <i>0.188</i>            | <i>0.359</i>        | <i>0.240</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.719</i>  | <i>0.313</i>  |
| # CG2-0476-RD9SC-A | 4.763                   | 9.921               | 3.96          | +0.051 / -0.000  | 3.175                    | Round - Type 9       | 2024-T351 Aluminium    | 2-56           | 14.29         | 14.29         |
|                    | <i>0.188</i>            | <i>0.391</i>        | <i>0.156</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.563</i>  | <i>0.563</i>  |
| # CG2-0476-RD9SC-3 | 4.763                   | 9.921               | 3.96          | +0.051 / -0.000  | 3.175                    | Round - Type 9       | 303 Stainless          | 2-56           | 14.29         | 14.29         |
|                    | <i>0.188</i>            | <i>0.391</i>        | <i>0.156</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.563</i>  | <i>0.563</i>  |
| # CG2-0476-RD9C-A  | 4.763                   | 13.096              | 6.35          | +0.051 / -0.000  | 3.175                    | Round - Type 9       | 2024-T351 Aluminium    | 6-32           | 22.23         | 22.23         |
|                    | <i>0.188</i>            | <i>0.516</i>        | <i>0.250</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.875</i>  | <i>0.875</i>  |

# Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Clamps - Gear - Two Piece - Commercial Balanced

| Part Number        | Inside Diameter (ID) mm | Clearance Radius mm | Depth (D) mm  | ID Tolerances mm | Suits gear shaft size mm | Type                 | Material               | Screw Size mm  | Height (A) mm | Width (B) mm  |
|--------------------|-------------------------|---------------------|---------------|------------------|--------------------------|----------------------|------------------------|----------------|---------------|---------------|
|                    | <i>inches</i>           | <i>inches</i>       | <i>inches</i> | <i>inches</i>    | <i>inches</i>            |                      |                        | <i>inches</i>  | <i>inches</i> | <i>inches</i> |
| # CG2-0476-RD9C-3  | 4.763                   | 13.096              | 6.35          | +0.051 / - 0.000 | 3.175                    | Round - Type 9       | 303 Stainless          | 6-32           | 22.23         | 22.23         |
|                    | <i>0.188</i>            | <i>0.516</i>        | <i>0.250</i>  |                  | <i>0.125</i>             |                      |                        |                | <i>0.875</i>  | <i>0.875</i>  |
| # CG2-0635-R7C-4   | 6.350                   | 8.733               | 4.75          | +0.102 / - 0.000 | 4.763                    | Rectangular - Type 7 | 416 Stainless Hardened | 3-48 Fillister | 14.99         | 8.89          |
|                    | <i>0.250</i>            | <i>0.344</i>        | <i>0.187</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.590</i>  | <i>0.350</i>  |
| # CG2-0635-R7C-3   | 6.350                   | 8.733               | 4.75          | +0.102 / - 0.000 | 4.763                    | Rectangular - Type 7 | 303 Stainless          | 3-48 Fillister | 14.99         | 8.89          |
|                    | <i>0.250</i>            | <i>0.344</i>        | <i>0.187</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.590</i>  | <i>0.350</i>  |
| # CG2-0635-R8C-4   | 6.350                   | 9.525               | 6.09          | +0.051 / - 0.000 | 4.763                    | Rectangular - Type 8 | 416 Stainless Hardened | 2-56           | 19.05         | 9.53          |
|                    | <i>0.250</i>            | <i>0.375</i>        | <i>0.240</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.750</i>  | <i>0.375</i>  |
| # CG2-0635-R8C-4DB | 6.350                   | 9.525               | 6.09          | +0.051 / - 0.000 | 4.763                    | Rectangular - Type 8 | 416 Stainless Hardened | 2-56           | 19.05         | 9.53          |
|                    | <i>0.250</i>            | <i>0.375</i>        | <i>0.240</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.750</i>  | <i>0.375</i>  |
| # CG2-0635-RD9SC-A | 6.350                   | 9.921               | 3.96          | +0.051 / - 0.000 | 4.763                    | Round - Type 9       | 2024-T351 Aluminium    | 2-56           | 14.29         | 14.29         |
|                    | <i>0.250</i>            | <i>0.391</i>        | <i>0.156</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.563</i>  | <i>0.563</i>  |
| # CG2-0635-RD9SC-3 | 6.350                   | 9.921               | 3.96          | +0.051 / - 0.000 | 4.763                    | Round - Type 9       | 303 Stainless          | 2-56           | 14.29         | 14.29         |
|                    | <i>0.250</i>            | <i>0.391</i>        | <i>0.156</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.563</i>  | <i>0.563</i>  |
| # CG2-0635-RD9C-3  | 6.350                   | 13.096              | 6.35          | +0.051 / - 0.000 | 4.763                    | Round - Type 9       | 303 Stainless          | 6-32           | 22.23         | 22.23         |
|                    | <i>0.250</i>            | <i>0.516</i>        | <i>0.250</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.875</i>  | <i>0.875</i>  |

# Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Clamps - Gear - Two Piece - Commercial Balanced

| Part Number        | Inside Diameter (ID) mm | Clearance Radius mm | Depth (D) mm  | ID Tolerances mm | Suits gear shaft size mm | Type                 | Material               | Screw Size mm  | Height (A) mm | Width (B) mm  |
|--------------------|-------------------------|---------------------|---------------|------------------|--------------------------|----------------------|------------------------|----------------|---------------|---------------|
|                    | <i>inches</i>           | <i>inches</i>       | <i>inches</i> | <i>inches</i>    | <i>inches</i>            |                      |                        | <i>inches</i>  | <i>inches</i> | <i>inches</i> |
| # CG2-0635-RD9C-A  | 6.350                   | 13.096              | 6.35          | +0.051 / - 0.000 | 4.763                    | Round - Type 9       | 2024-T351 Aluminium    | 6-32           | 22.23         | 22.23         |
|                    | <i>0.250</i>            | <i>0.516</i>        | <i>0.250</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.875</i>  | <i>0.875</i>  |
| # CG2-0635-R7C-4CP | 6.350                   | 8.730               | 4.75          | +0.102 / -0.000  | 4.763                    | Rectangular - Type 7 | 416 Stainless Hardened | 3-48 Cap Screw | 14.99         | 4.75          |
|                    | <i>0.250</i>            | <i>0.344</i>        | <i>0.187</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.590</i>  | <i>0.187</i>  |
| # CG2-0635-R7C-3CP | 6.350                   | 8.730               | 4.75          | +0.102 / -0.000  | 4.763                    | Rectangular - Type 7 | 303 Stainless          | 3-48 Cap Screw | 14.99         | 4.75          |
|                    | <i>0.250</i>            | <i>0.344</i>        | <i>0.187</i>  |                  | <i>0.188</i>             |                      |                        |                | <i>0.590</i>  | <i>0.187</i>  |
| # CG2-0794-R7C-4   | 7.938                   | 10.320              | 4.75          | +0.102 / - 0.000 | 6.350                    | Rectangular - Type 7 | 416 Stainless Hardened | 4-40 Fillister | 17.45         | 10.67         |
|                    | <i>0.313</i>            | <i>0.406</i>        | <i>0.187</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.687</i>  | <i>0.420</i>  |
| # CG2-0794-R7C-3   | 7.938                   | 10.320              | 4.75          | +0.102 / - 0.000 | 6.350                    | Rectangular - Type 7 | 303 Stainless          | 4-40 Fillister | 17.45         | 10.67         |
|                    | <i>0.313</i>            | <i>0.406</i>        | <i>0.187</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.687</i>  | <i>0.420</i>  |
| # CG2-0794-R8C-4   | 7.938                   | 11.112              | 6.09          | +0.051 / - 0.000 | 6.350                    | Rectangular - Type 8 | 416 Stainless Hardened | 2-56           | 22.23         | 11.11         |
|                    | <i>0.313</i>            | <i>0.437</i>        | <i>0.240</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.875</i>  | <i>0.437</i>  |
| # CG2-0794-R8C-4DB | 7.938                   | 11.112              | 6.09          | +0.051 / - 0.000 | 6.350                    | Rectangular - Type 8 | 416 Stainless Hardened | 2-56           | 22.23         | 11.11         |
|                    | <i>0.313</i>            | <i>0.437</i>        | <i>0.240</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.875</i>  | <i>0.437</i>  |
| # CG2-0794-RD9C-A  | 7.938                   | 13.096              | 6.35          | +0.051 / - 0.000 | 6.350                    | Round - Type 9       | 2024-T351 Aluminium    | 6-32           | 22.23         | 22.23         |
|                    | <i>0.313</i>            | <i>0.516</i>        | <i>0.250</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.875</i>  | <i>0.875</i>  |

# Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Clamps - Gear - Two Piece - Commercial Balanced

| Part Number        | Inside Diameter (ID) mm | Clearance Radius mm | Depth (D) mm  | ID Tolerances mm | Suits gear shaft size mm | Type                 | Material               | Screw Size mm  | Height (A) mm | Width (B) mm  |
|--------------------|-------------------------|---------------------|---------------|------------------|--------------------------|----------------------|------------------------|----------------|---------------|---------------|
|                    | <i>inches</i>           | <i>inches</i>       | <i>inches</i> | <i>inches</i>    | <i>inches</i>            |                      |                        | <i>inches</i>  | <i>inches</i> | <i>inches</i> |
| # CG2-0794-RD9C-3  | 7.938                   | 13.096              | 6.35          | +0.051 / -0.000  | 6.350                    | Round - Type 9       | 303 Stainless          | 6-32           | 22.23         | 22.23         |
|                    | <i>0.313</i>            | <i>0.516</i>        | <i>0.250</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.875</i>  | <i>0.875</i>  |
| # CG2-0794-R7C-4CP | 7.938                   | 10.320              | 4.75          | +0.102 / -0.000  | 6.350                    | Rectangular - Type 7 | 416 Stainless Hardened | 4-40 Cap Screw | 17.45         | 4.75          |
|                    | <i>0.313</i>            | <i>0.406</i>        | <i>0.187</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.687</i>  | <i>0.187</i>  |
| # CG2-0794-R7C-3CP | 7.938                   | 10.320              | 4.75          | +0.102 / -0.000  | 6.350                    | Rectangular - Type 7 | 303 Stainless          | 4-40 Cap Screw | 17.45         | 4.75          |
|                    | <i>0.313</i>            | <i>0.406</i>        | <i>0.187</i>  |                  | <i>0.250</i>             |                      |                        |                | <i>0.687</i>  | <i>0.187</i>  |
| # CG2-0953-R7C-4   | 9.525                   | 11.908              | 4.75          | +0.102 / -0.000  | 7.938                    | Rectangular - Type 7 | 416 Stainless Hardened | 4-40 Fillister | 19.84         | 12.95         |
|                    | <i>0.375</i>            | <i>0.469</i>        | <i>0.187</i>  |                  | <i>0.313</i>             |                      |                        |                | <i>0.781</i>  | <i>0.510</i>  |
| # CG2-0953-R7C-3   | 9.525                   | 11.908              | 4.75          | +0.102 / -0.000  | 7.938                    | Rectangular - Type 7 | 303 Stainless          | 4-40 Fillister | 19.84         | 12.95         |
|                    | <i>0.375</i>            | <i>0.469</i>        | <i>0.187</i>  |                  | <i>0.313</i>             |                      |                        |                | <i>0.781</i>  | <i>0.510</i>  |
| # CG2-0953-R7C-3CP | 9.525                   | 11.908              | 4.75          | +0.102 / -0.000  | 7.938                    | Rectangular - Type 7 | 303 Stainless          | 4-40 Cap Screw | 19.84         | 4.75          |
|                    | <i>0.375</i>            | <i>0.469</i>        | <i>0.187</i>  |                  | <i>0.313</i>             |                      |                        |                | <i>0.781</i>  | <i>0.187</i>  |
| # CG2-0953-R7C-4CP | 9.525                   | 11.908              | 4.75          | +0.102 / -0.000  | 7.938                    | Rectangular - Type 7 | 416 Stainless Hardened | 4-40 Cap Screw | 19.84         | 4.75          |
|                    | <i>0.375</i>            | <i>0.469</i>        | <i>0.187</i>  |                  | <i>0.313</i>             |                      |                        |                | <i>0.781</i>  | <i>0.187</i>  |
| # CG2-1111-R7C-4CP | 11.113                  | 13.495              | 6.35          | +0.102 / -0.000  | 9.525                    | Rectangular - Type 7 | 416 Stainless Hardened | 6-32 Cap Screw | 22.61         | 6.35          |
|                    | <i>0.438</i>            | <i>0.531</i>        | <i>0.250</i>  |                  | <i>0.375</i>             |                      |                        |                | <i>0.890</i>  | <i>0.250</i>  |

# Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Clamps - Gear - Two Piece - Commercial Balanced

| Part Number        | Inside Diameter (ID) mm | Clearance Radius mm | Depth (D) mm  | ID Tolerances mm | Suits gear shaft size mm | Type                 | Material               | Screw Size mm  | Height (A) mm | Width (B) mm  |
|--------------------|-------------------------|---------------------|---------------|------------------|--------------------------|----------------------|------------------------|----------------|---------------|---------------|
|                    | <i>inches</i>           | <i>inches</i>       | <i>inches</i> | <i>inches</i>    | <i>inches</i>            |                      |                        | <i>inches</i>  | <i>inches</i> | <i>inches</i> |
| # CG2-1111-R7C-3CP | 11.113                  | 13.495              | 6.35          | +0.102 / -0.000  | 9.525                    | Rectangular - Type 7 | 303 Stainless          | 6-32 Cap Screw | 22.61         | 6.35          |
|                    | <i>0.438</i>            | <i>0.531</i>        | <i>0.250</i>  |                  | <i>0.375</i>             |                      |                        |                | <i>0.890</i>  | <i>0.250</i>  |
| # CG2-1111-R7C-3   | 11.113                  | 13.495              | 6.35          | +0.102 / -0.000  | 9.525                    | Rectangular - Type 7 | 303 Stainless          | 6-32 Fillister | 22.61         | 16.15         |
|                    | <i>0.438</i>            | <i>0.531</i>        | <i>0.250</i>  |                  | <i>0.375</i>             |                      |                        |                | <i>0.890</i>  | <i>0.636</i>  |
| # CG2-1111-R7C-4   | 11.113                  | 13.495              | 6.35          | +0.102 / -0.000  | 9.525                    | Rectangular - Type 7 | 416 Stainless Hardened | 6-32 Fillister | 22.61         | 16.15         |
|                    | <i>0.438</i>            | <i>0.531</i>        | <i>0.250</i>  |                  | <i>0.375</i>             |                      |                        |                | <i>0.890</i>  | <i>0.636</i>  |

# Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.



DISTRIBUTED BY

Ask us to put your name and address here

<http://www.minibearings.com.au/product>

Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to [catalogues@minibearings.com.au](mailto:catalogues@minibearings.com.au)

