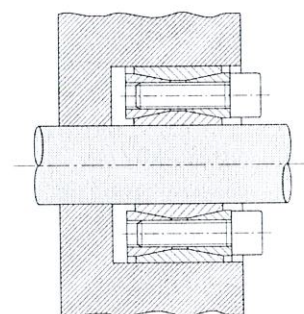
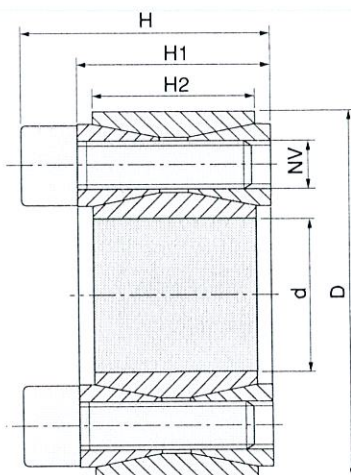
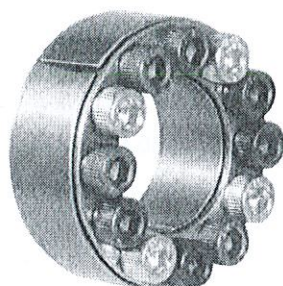


**Serie / Series / Serie / Série / Serie**  
**KLGG**



**Materiale C45E**  
**UNI EN 10083-1**  
Dimensioni valide per  
gruppo non precaricato

**Material C45E**  
**UNI EN 10083-1**  
Dimentions before  
mounting

**Werkstoff C45E**  
**UNI EN 10083-1**  
Abmessungen vor Montage

**Matière C45E**  
**UNI EN 10083-1**  
Dimensions avant le  
montage

**Material C45E**  
**UNI EN 10083-1**  
Dimensiones antes del  
montaje

| Nostro<br>codice<br>Our code<br>Unser Code<br>Notre code<br>Nuestro<br>codigo | Dimensioni<br>Dimentions<br>Abmessungen<br>Dimensions<br>Dimensiones |     |    |    |    | Serraggio<br>Tightening<br>Befestigung<br>Serrage<br>Fijación |            |                                                                                    | Sbloccaggio<br>Loosening<br>Lösen<br>Déblocage<br>Desbloqueo |                                                                                    | Prestazioni<br>Performances<br>Leistungen<br>Performances<br>Prestaciones |            | Pressioni superficiali<br>Surface pressures<br>Oberflächendruck<br>Pressions de surface<br>Presiones superficiales |               |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------|-----|----|----|----|---------------------------------------------------------------|------------|------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------|---------------|
|                                                                               | d                                                                    | D   | H  | H1 | H2 | NV                                                            | Tv<br>(Nm) | N° viti / No. of screws<br>Schraubenanzahl<br>Nombre de vis<br>Numero de tornillos | NV                                                           | N° viti / No. of screws<br>Schraubenanzahl<br>Nombre de vis<br>Numero de tornillos | Mt<br>(Nm)                                                                | Ta<br>(KN) | Pa<br>(N/mm²)                                                                                                      | Pm<br>(N/mm²) |
| KLGG019                                                                       | 19                                                                   | 47  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 8                                                                                  | M8                                                           | 2                                                                                  | 298                                                                       | 31         | 286                                                                                                                | 116           |
| KLGG020                                                                       | 20                                                                   | 47  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 8                                                                                  | M8                                                           | 2                                                                                  | 313                                                                       | 31         | 272                                                                                                                | 116           |
| KLGG022                                                                       | 22                                                                   | 47  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 8                                                                                  | M8                                                           | 2                                                                                  | 345                                                                       | 31         | 247                                                                                                                | 116           |
| KLGG024                                                                       | 24                                                                   | 50  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 9                                                                                  | M8                                                           | 3                                                                                  | 424                                                                       | 35         | 255                                                                                                                | 123           |
| KLGG025                                                                       | 25                                                                   | 50  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 9                                                                                  | M8                                                           | 3                                                                                  | 441                                                                       | 35         | 245                                                                                                                | 123           |
| KLGG028                                                                       | 28                                                                   | 55  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 10                                                                                 | M8                                                           | 3                                                                                  | 549                                                                       | 39         | 243                                                                                                                | 124           |
| KLGG030                                                                       | 30                                                                   | 55  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 10                                                                                 | M8                                                           | 3                                                                                  | 588                                                                       | 39         | 227                                                                                                                | 124           |
| KLGG032                                                                       | 32                                                                   | 60  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 12                                                                                 | M8                                                           | 4                                                                                  | 758                                                                       | 47         | 255                                                                                                                | 136           |
| KLGG035                                                                       | 35                                                                   | 60  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 12                                                                                 | M8                                                           | 4                                                                                  | 822                                                                       | 47         | 233                                                                                                                | 136           |
| KLGG038                                                                       | 38                                                                   | 65  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 14                                                                                 | M8                                                           | 4                                                                                  | 1042                                                                      | 55         | 250                                                                                                                | 146           |
| KLGG040                                                                       | 40                                                                   | 65  | 26 | 20 | 17 | M6x18                                                         | 14,9       | 14                                                                                 | M8                                                           | 4                                                                                  | 1097                                                                      | 55         | 238                                                                                                                | 146           |
| KLGG042                                                                       | 42                                                                   | 75  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 12                                                                                 | M10                                                          | 4                                                                                  | 1740                                                                      | 83         | 291                                                                                                                | 163           |
| KLGG045                                                                       | 45                                                                   | 75  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 12                                                                                 | M10                                                          | 4                                                                                  | 1864                                                                      | 83         | 271                                                                                                                | 163           |
| KLGG048                                                                       | 48                                                                   | 80  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 12                                                                                 | M10                                                          | 4                                                                                  | 1988                                                                      | 83         | 254                                                                                                                | 153           |
| KLGG050                                                                       | 50                                                                   | 80  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 12                                                                                 | M10                                                          | 4                                                                                  | 2071                                                                      | 83         | 244                                                                                                                | 153           |
| KLGG055                                                                       | 55                                                                   | 85  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 14                                                                                 | M10                                                          | 4                                                                                  | 2658                                                                      | 97         | 259                                                                                                                | 168           |
| KLGG060                                                                       | 60                                                                   | 90  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 14                                                                                 | M10                                                          | 4                                                                                  | 2900                                                                      | 64         | 238                                                                                                                | 158           |
| KLGG065                                                                       | 65                                                                   | 95  | 32 | 24 | 20 | M8x22                                                         | 35,0       | 16                                                                                 | M10                                                          | 4                                                                                  | 3587                                                                      | 110        | 250                                                                                                                | 171           |
| KLGG070                                                                       | 70                                                                   | 110 | 38 | 28 | 24 | M10x25                                                        | 69,0       | 14                                                                                 | M12                                                          | 4                                                                                  | 5345                                                                      | 153        | 268                                                                                                                | 171           |
| KLGG075                                                                       | 75                                                                   | 115 | 38 | 28 | 24 | M10x25                                                        | 69,0       | 14                                                                                 | M12                                                          | 4                                                                                  | 5727                                                                      | 153        | 250                                                                                                                | 163           |
| KLGG080                                                                       | 80                                                                   | 120 | 38 | 28 | 24 | M10x25                                                        | 69,0       | 14                                                                                 | M12                                                          | 4                                                                                  | 6108                                                                      | 153        | 235                                                                                                                | 156           |
| KLGG085                                                                       | 85                                                                   | 125 | 38 | 28 | 24 | M10x25                                                        | 69,0       | 16                                                                                 | M12                                                          | 4                                                                                  | 7417                                                                      | 175        | 252                                                                                                                | 172           |
| KLGG090                                                                       | 90                                                                   | 130 | 38 | 28 | 24 | M10x25                                                        | 69,0       | 16                                                                                 | M12                                                          | 4                                                                                  | 7854                                                                      | 175        | 238                                                                                                                | 165           |
| KLGG095                                                                       | 95                                                                   | 135 | 38 | 28 | 24 | M10x25                                                        | 69,0       | 18                                                                                 | M12                                                          | 4                                                                                  | 9326                                                                      | 196        | 254                                                                                                                | 179           |
| KLGG100                                                                       | 100                                                                  | 145 | 45 | 33 | 26 | M12x30                                                        | 123,3      | 14                                                                                 | M14                                                          | 4                                                                                  | 11362                                                                     | 227        | 258                                                                                                                | 178           |
| KLGG110                                                                       | 110                                                                  | 155 | 45 | 33 | 26 | M12x30                                                        | 123,3      | 14                                                                                 | M14                                                          | 4                                                                                  | 12498                                                                     | 227        | 234                                                                                                                | 166           |
| KLGG120                                                                       | 120                                                                  | 165 | 45 | 33 | 26 | M12x30                                                        | 123,3      | 16                                                                                 | M14                                                          | 4                                                                                  | 15578                                                                     | 260        | 245                                                                                                                | 178           |
| KLGG130                                                                       | 130                                                                  | 180 | 50 | 38 | 34 | M12x35                                                        | 123,3      | 20                                                                                 | M14                                                          | 4                                                                                  | 21095                                                                     | 325        | 217                                                                                                                | 156           |
| KLGG140                                                                       | 140                                                                  | 190 | 50 | 38 | 34 | M12x35                                                        | 123,3      | 22                                                                                 | M14                                                          | 4                                                                                  | 24993                                                                     | 357        | 221                                                                                                                | 163           |
| KLGG150                                                                       | 150                                                                  | 200 | 50 | 38 | 34 | M12x35                                                        | 123,3      | 24                                                                                 | M14                                                          | 4                                                                                  | 29217                                                                     | 390        | 225                                                                                                                | 169           |
| KLGG160                                                                       | 160                                                                  | 210 | 50 | 38 | 34 | M12x35                                                        | 123,3      | 26                                                                                 | M14                                                          | 4                                                                                  | 33756                                                                     | 422        | 229                                                                                                                | 174           |
| KLGG170                                                                       | 170                                                                  | 225 | 58 | 44 | 38 | M14x40                                                        | 187,0      | 22                                                                                 | M16                                                          | 4                                                                                  | 39483                                                                     | 465        | 212                                                                                                                | 160           |
| KLGG180                                                                       | 180                                                                  | 235 | 58 | 44 | 38 | M14x40                                                        | 187,0      | 24                                                                                 | M16                                                          | 4                                                                                  | 45606                                                                     | 507        | 218                                                                                                                | 167           |
| KLGG190                                                                       | 190                                                                  | 250 | 66 | 52 | 46 | M14x45                                                        | 187,0      | 28                                                                                 | M16                                                          | 4                                                                                  | 56163                                                                     | 591        | 199                                                                                                                | 152           |
| KLGG200                                                                       | 200                                                                  | 260 | 66 | 52 | 46 | M14x45                                                        | 187,0      | 30                                                                                 | M16                                                          | 4                                                                                  | 63342                                                                     | 633        | 203                                                                                                                | 156           |