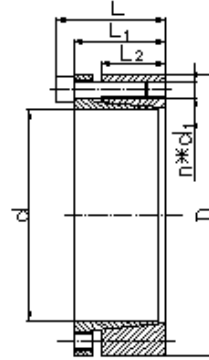


# ML 3



| Part NO.    | Dimensions |     |     |                |                | Screw<br>d <sub>1</sub> | n     | Rated Load                          |                                  | Pressure<br>between Shaft<br>Locking and<br>The Shaft: P <sub>f</sub><br>N/mm <sup>2</sup> | Pressure<br>between Shaft<br>Locking and<br>the Parts: P <sub>r</sub><br>N/mm <sup>2</sup> | Torque to<br>Fasten<br>Screws<br>M <sub>A</sub> N·m | Weight<br>kg |
|-------------|------------|-----|-----|----------------|----------------|-------------------------|-------|-------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------|
|             | d          | D   | L   | L <sub>1</sub> | L <sub>2</sub> |                         |       | Axial<br>Force F <sub>1</sub><br>KN | Torque<br>M <sub>1</sub><br>KN·m |                                                                                            |                                                                                            |                                                     |              |
|             | mm         |     |     |                |                |                         |       |                                     |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 20x47   | 20         | 47  | 37  | 31             | 21.7           | M6                      | 4     | 30                                  | 0.30                             | 287                                                                                        | 17                                                                                         | 0.29                                                |              |
| ML3 22X47   | 22         | 47  |     |                |                |                         |       |                                     | 0.33                             | 260                                                                                        |                                                                                            |                                                     | 90           |
| ML3 25X50   | 25         | 50  |     |                |                |                         | 0.44  | 287                                 | 106                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 28X55   | 28         | 55  |     |                |                |                         | 0.49  | 256                                 | 96                               |                                                                                            |                                                                                            |                                                     |              |
| ML3 30X55   | 30         | 55  |     |                |                |                         | 0.53  | 239                                 | 96                               |                                                                                            |                                                                                            |                                                     |              |
| ML3 35X60   | 35         | 60  |     |                |                |                         | 0.81  | 246                                 | 106                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 40X65   | 40         | 65  | 45  | 0.94           | 215            | 98                      | 0.41  |                                     |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 45X75   | 45         | 75  |     |                |                |                         |       |                                     |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 50X80   | 50         | 80  | 46  | 38             | 25.3           | M8                      | 6     | 80                                  | 1.86                             | 283                                                                                        | 41                                                                                         | 0.70                                                |              |
| ML3 55X85   | 55         | 85  |     |                |                |                         |       |                                     | 2.07                             | 255                                                                                        |                                                                                            |                                                     | 126          |
| ML3 60X90   | 60         | 90  |     |                |                |                         | 2.54  | 270                                 | 138                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 65X95   | 65         | 95  |     |                |                |                         | 2.77  | 247                                 | 130                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 75X115  | 75         | 115 | 60  | 50             | 33.4           | M10                     | 7     | 140                                 | 3.58                             | 261                                                                                        | 83                                                                                         | 0.94                                                |              |
| ML3 80X120  | 80         | 120 |     |                |                |                         |       |                                     | 5.10                             | 244                                                                                        |                                                                                            |                                                     | 128          |
| ML3 85X125  | 85         | 125 |     |                |                |                         | 5.46  | 228                                 | 119                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 90X130  | 90         | 130 |     |                |                |                         | 5.85  | 214                                 | 112                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 95X135  | 95         | 135 |     |                |                |                         | 7.45  | 230                                 | 129                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 100X145 | 100        | 145 |     |                |                |                         | 7.90  | 217                                 | 124                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 105X150 | 105        | 150 | 205 | 9.90           | 257            | 149                     | 2.70  |                                     |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 110X155 | 110        | 155 |     |                |                |                         |       |                                     |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 120X165 | 120        | 165 | 10  | 220            | 11.00          | 192                     | 114   | 3.70                                |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 125X170 | 125        | 170 |     |                |                |                         |       |                                     | 11.55                            | 210                                                                                        | 114                                                                                        |                                                     |              |
| ML3 130X180 | 130        | 180 | 12  | 260            | 15.70          | 192                     | 120   | 4.30                                |                                  |                                                                                            |                                                                                            |                                                     |              |
| ML3 140X190 | 140        | 190 |     |                |                |                         |       |                                     | 12.10                            | 175                                                                                        | 107                                                                                        |                                                     |              |
| ML3 150X200 | 150        | 200 | 68  | 58             | 40.8           | M12                     | 10    | 320                                 | 17.50                            | 189                                                                                        | 145                                                                                        | 4.80                                                |              |
| ML3 120X165 | 120        | 165 |     |                |                |                         |       |                                     | 20.70                            | 188                                                                                        |                                                                                            |                                                     | 120          |
| ML3 130X180 | 130        | 180 |     |                |                |                         | 22.50 | 175                                 | 114                              |                                                                                            |                                                                                            |                                                     |              |
| ML3 140X190 | 140        | 190 |     |                |                |                         | 28.50 | 196                                 | 130                              |                                                                                            |                                                                                            |                                                     |              |

Remarks: The Mechanical Performance Grade of Screws for ML3 is 12.9.