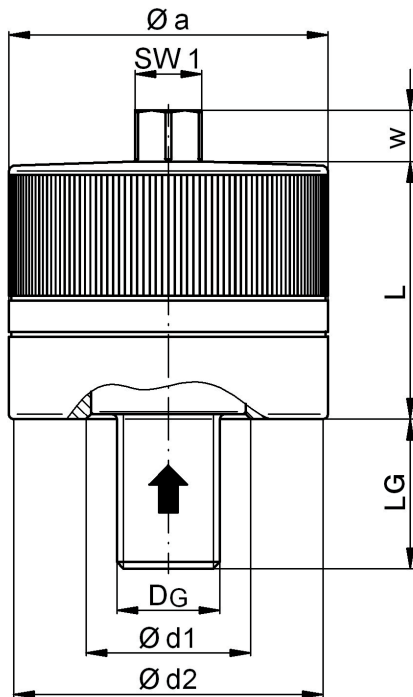


# Mechanical Power Clamping Nut I Series MCG

with threaded pin / function as power clamping screw / centered operation / compact design



update version

property class of threaded pin minimum 10.9

material:  
stainless steel - nitrated

Technical data and dimensions [mm]: length dimensions according to DIN ISO 2768 mH

| MCG Size | nominal clamping force [kN] | thread DG* | nominal actuation torque [Nm] | max. static load [kN] | weight approx. [kg] | Øa  | Ød1 | Ød2 | L  | SW 1 | w  |
|----------|-----------------------------|------------|-------------------------------|-----------------------|---------------------|-----|-----|-----|----|------|----|
| 60       | 60                          | M 12       | 20                            | 70                    | 1                   | 62  | 32  | 60  | 50 | 13   | 10 |
|          |                             | M 16       | 25                            | 120                   |                     |     |     |     |    |      |    |
|          |                             | M 20       | 30                            | 120                   |                     |     |     |     |    |      |    |
| 100      | 100                         | M 16       | 35                            | 130                   | 2                   | 73  | 42  | 71  | 70 | 15   | 10 |
|          |                             | M 20       | 40                            | 200                   |                     |     |     |     |    |      |    |
|          |                             | M 24       | 45                            | 200                   |                     |     |     |     |    |      |    |
| 150      | 150                         | M 30       | 50                            | 200                   | 3                   | 83  | 52  | 81  | 75 | 17   | 12 |
|          |                             | M 24       | 60                            | 300                   |                     |     |     |     |    |      |    |
|          |                             | M 30       | 70                            | 300                   |                     |     |     |     |    |      |    |
| 200      | 200                         | M 36       | 75                            | 300                   | 6                   | 120 | 82  | 118 | 80 | 19   | 12 |
|          |                             | M 42       | 80                            | 300                   |                     |     |     |     |    |      |    |
|          |                             | M 36       | 120                           | 400                   |                     |     |     |     |    |      |    |
|          |                             | M 42       | 125                           | 450                   |                     |     |     |     |    |      |    |
|          |                             | M 48       | 130                           | 450                   |                     |     |     |     |    |      |    |
|          |                             | M 56       | 140                           | 500                   |                     |     |     |     |    |      |    |
|          |                             | M 64       | 150                           | 500                   |                     |     |     |     |    |      |    |

length of threaded pin  $L_G$  = variable (according to customer information)

\*further thread sizes i.e. inches on request

max. allowed temperature range: -30°C up to +200°C

Ordering example:

clamping nut

MCG 100 - M 24 -  $L_G=120$

series and size (max. clamping force = 100 kN)

thread size

thread length