



- 4 Type**
- E** Angled lever
 - D** Straight lever

Specification

- Body / lever / insert
Steel, blackened finish
- Threaded stud
Property class 5.8
- Ball knob DIN 319 → page 55
Plastic
Duroplast (Phenolic PF)
Black, shiny finish
- Safety circlip
Plastic (Polyacetal POM)
- *Strength Values of Screws* → page 2127
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

On request

- Special threads and stud lengths

Information

GN 212.3 heavy duty adjustable levers have proven to be ideal wherever parts have to be clamped in a confined space or in a particular lever position. The threaded insert is connected with the hub via serrations that can be disengaged.

Pulling the lever upwards disengages the serrations, allowing it to be swiveled to the ideal clamping position. When releasing the lever, the serrations automatically re-engage.

see also...

- *Heavy Duty Adjustable Levers GN 212.5 (Stainless Steel)* → page 521
- *Safety Adjustable Levers GN 312* → page 537

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|---|--|
| <p>How to order (Inch)</p> <p style="text-align: center;">1 2 3 4</p> <p>GN 212.3-21-1/4X20-12-E</p> | <p>1 Diameter d₁</p> <p>2 Thread d₂</p> <p>3 Thread length l₁</p> <p>4 Type</p> |
| <p>How to order (Metric)</p> <p style="text-align: center;">1 2 3 4</p> <p>GN 212.3-28-M12-80-D</p> | <p>1 Diameter d₁</p> <p>2 Thread d₂</p> <p>3 Thread length l₁</p> <p>4 Type</p> |

Inch table

Dimensions in: inches - millimeters

| d ₁ | d ₂ Thread | l ₁ | | | | | | | | | d ₃ | d ₄ | d ₅ | h ₁ | h ₂ | h ₃ | h ₄ ≈ | | h ₅ | l ₂ ≈ | | l ₃ ≈ |
|----------------|--------------------------|----------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|--------------|----------------|------------------|---------------|------------------|
| | | | | | | | | | | | | | | | | | | Type E | | Type D | Stroke | |
| 0.83 21 | 1/4 x 20 | 0.47 12 | 0.63 16 | 0.79 20 | 0.98 25 | - | - | - | - | - | 0.53 13.5 | 0.31 8 | 0.79 20 | 1.32 33.5 | 1.22 31 | 0.04 1 | 2.32 59 | 1.42 36 | 0.16 4 | 2.95 75 | 3.17 80.5 | 2.76 70 |
| 0.83 21 | 5/16 x 18 | 0.47 12 | 0.63 16 | 0.79 20 | 0.98 25 | 1.26 32 | 1.57 40 | 1.77 45 | 1.97 50 | 2.48 63 | 0.53 13.5 | 0.31 8 | 0.79 20 | 1.32 33.5 | 1.22 31 | 0.04 1 | 2.32 59 | 1.42 36 | 0.16 4 | 2.95 75 | 3.17 80.5 | 2.76 70 |
| 0.83 21 | 3/8 x 16 | 0.63 16 | 0.79 20 | 0.98 25 | 1.26 32 | 1.57 40 | 1.77 45 | 1.97 50 | 2.48 63 | - | 0.53 13.5 | 0.31 8 | 0.79 20 | 1.32 33.5 | 1.22 31 | 0.04 1 | 2.32 59 | 1.42 36 | 0.16 4 | 2.95 75 | 3.17 80.5 | 2.76 70 |
| 0.94 24 | 3/8 x 16 | 0.63 16 | 0.79 20 | 0.98 25 | 1.26 32 | 1.57 40 | 1.77 45 | 1.97 50 | 2.48 63 | - | 0.63 16 | 0.39 10 | 0.98 25 | 1.57 40 | 1.46 37 | 0.10 2.5 | 2.95 75 | 1.71 43.5 | 0.18 4.5 | 3.98 101 | 4.25 108 | 3.78 96 |
| 1.10 28 | 3/8 x 16 | 0.63 16 | 0.79 20 | 0.98 25 | 1.26 32 | 1.38 35 | 1.57 40 | 1.77 45 | 1.97 50 | 2.48 63 | 0.75 19 | 0.47 12 | 1.18 30 | 1.91 48.5 | 1.75 44.5 | 0.18 4.5 | 3.50 89 | 2.07 52.5 | 0.18 4.5 | 4.57 116 | 4.88 124 | 4.33 110 |
| 1.10 28 | 1/2 x 13 | 0.63 16 | 0.79 20 | 0.98 25 | 1.26 32 | 1.57 40 | 1.77 45 | 1.97 50 | 2.48 63 | - | 0.75 19 | 0.47 12 | 1.18 30 | 1.91 48.5 | 1.75 44.5 | 0.18 4.5 | 3.50 89 | 2.07 52.5 | 0.18 4.5 | 4.57 116 | 4.88 124 | 4.33 110 |
| 1.30 33 | 1/2 x 13 | 0.98 25 | 1.26 32 | 1.57 40 | 1.97 50 | 2.17 55 | 2.48 63 | 3.15 80 | - | - | 0.91 23 | 0.47 12 | 1.26 32 | 2.17 55 | 2.03 51.5 | 0.24 6 | 3.96 100.5 | 2.36 60 | 0.22 5.5 | 5.18 131.5 | 5.53 140.5 | 4.88 124 |
| 1.30 33 | 5/8 x 11 | 0.98 25 | 1.26 32 | 1.57 40 | 1.97 50 | 2.17 55 | 2.48 63 | - | - | - | 0.91 23 | 0.47 12 | 1.26 32 | 2.17 55 | 2.03 51.5 | 0.24 6 | 3.96 100.5 | 2.36 60 | 0.22 5.5 | 5.18 131.5 | 5.53 140.5 | 4.88 124 |
| 1.57 40 | 3/4 x 10 | 1.57 40 | 1.97 50 | 2.48 63 | - | - | - | - | - | - | 1.10 28 | 0.55 14 | 1.38 35 | 2.68 68 | 2.52 64 | 0.24 6 | 4.65 118 | 2.81 71.5 | 0.22 5.5 | 5.83 148 | 6.22 158 | 5.43 138 |

Metric table

Dimensions in: millimeters - inches

| d ₁ | d ₂ Thread | l ₁ | | | | | | | | | d ₃ | d ₄ | d ₅ | h ₁ | h ₂ | h ₃ | h ₄ ≈ | | h ₅ | l ₂ ≈ | | l ₃ ≈ |
|----------------|--------------------------|----------------|------------|------------|------------|------------|------------|------------|------------|--|----------------|----------------|----------------|----------------|----------------|----------------|------------------|--------------|----------------|------------------|---------------|------------------|
| | | | | | | | | | | | | | | | | | | Type E | | Type D | Stroke | |
| 21 0.83 | M 8 | 12 0.47 | 16 0.63 | 20 0.79 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | | 13.5 0.53 | 8 0.31 | 20 0.79 | 33.5 1.32 | 31 1.22 | 1 0.04 | 59 2.32 | 36 1.42 | 4 0.16 | 75 2.95 | 80.5 3.17 | 70 2.76 |
| 21 0.83 | M 10 | 20 0.79 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | - | | 13.5 0.53 | 8 0.31 | 20 0.79 | 33.5 1.32 | 31 1.22 | 1 0.04 | 59 2.32 | 36 1.42 | 4 0.16 | 75 2.95 | 80.5 3.17 | 70 2.76 |
| 24 0.94 | M 10 | 16 0.63 | 20 0.79 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | | 16 0.63 | 10 0.39 | 25 0.98 | 40 1.57 | 37 1.46 | 2.5 0.10 | 75 2.95 | 43.5 1.71 | 4.5 0.18 | 101 3.98 | 108 4.25 | 96 3.78 |
| 24 0.94 | M 12 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | - | - | | 16 0.63 | 10 0.39 | 25 0.98 | 40 1.57 | 37 1.46 | 2.5 0.10 | 75 2.95 | 43.5 1.71 | 4.5 0.18 | 101 3.98 | 108 4.25 | 96 3.78 |
| 28 1.10 | M 10 | 16 0.63 | 20 0.79 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | - | | 19 0.75 | 12 0.47 | 30 1.18 | 48.5 1.91 | 44.5 1.75 | 4.5 0.18 | 89 3.50 | 52.5 2.07 | 4.5 0.18 | 116 4.57 | 124 4.88 | 110 4.33 |
| 28 1.10 | M 12 | 16 0.63 | 20 0.79 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | | 19 0.75 | 12 0.47 | 30 1.18 | 48.5 1.91 | 44.5 1.75 | 4.5 0.18 | 89 3.50 | 52.5 2.07 | 4.5 0.18 | 116 4.57 | 124 4.88 | 110 4.33 |
| 33 1.30 | M 12 | 25 0.98 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | - | - | - | | 23 0.91 | 12 0.47 | 32 1.26 | 55 2.17 | 51.5 2.03 | 6 0.24 | 100.5 3.96 | 60 2.36 | 5.5 0.22 | 131.5 5.18 | 140.5 5.53 | 124 4.88 |
| 33 1.30 | M 16 | 32 1.26 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | - | - | - | | 23 0.91 | 12 0.47 | 32 1.26 | 55 2.17 | 51.5 2.03 | 6 0.24 | 100.5 3.96 | 60 2.36 | 5.5 0.22 | 131.5 5.18 | 140.5 5.53 | 124 4.88 |
| 40 1.57 | M 16 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | - | - | - | - | | 28 1.10 | 14 0.55 | 35 1.38 | 68 2.68 | 64 2.52 | 6 0.24 | 118 4.65 | 71.5 2.81 | 5.5 0.22 | 148 5.83 | 158 6.22 | 138 5.43 |
| 40 1.57 | M 20 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | - | - | - | - | | 28 1.10 | 14 0.55 | 35 1.38 | 68 2.68 | 64 2.52 | 6 0.24 | 118 4.65 | 71.5 2.81 | 5.5 0.22 | 148 5.83 | 158 6.22 | 138 5.43 |

 1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4
