



Inch | Metric



**4 Type**

- E** Angled lever
- D** Straight lever

**Specification**

**Hub / Shaft**

Steel, blackened finish

**Threaded stud**

Steel, blackened finish  
Property class 5.8

**Ball knobs DIN 319**

Plastic, Phenolic resin (PF)  
Black, shiny finish

**Safety circlip**

Plastic, Polyacetal (POM)

RoHS

**On request**

Special threads and stud lengths

Heavy duty adjustable levers GN 212.3 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...**

|   | <b>Page</b> |
|---|-------------|
| <b>GN 212.5</b> Heavy Duty Adjustable Levers (Stainless Steel, Threaded Stud) | QVX         |
| <b>GN 312</b> Safety Adjustable Levers  | QVX         |

**Technical Information**

|                           |     |
|---------------------------|-----|
| Strength Values of Screws | QVX |
| Plastic Characteristics   | QVX |

**How to order (Inch)**

**GN 212.3-21-1/4X20-12-E**

|          |                                    |
|----------|------------------------------------|
| <b>1</b> | <b>Diameter d<sub>1</sub></b>      |
| <b>2</b> | <b>Thread d<sub>2</sub></b>        |
| <b>3</b> | <b>Thread length l<sub>1</sub></b> |
| <b>4</b> | <b>Type</b>                        |

**How to order (Metric)**

**GN 212.3-28-M12-80-D**

|          |                                    |
|----------|------------------------------------|
| <b>1</b> | <b>Diameter d<sub>1</sub></b>      |
| <b>2</b> | <b>Thread d<sub>2</sub></b>        |
| <b>3</b> | <b>Thread length l<sub>1</sub></b> |
| <b>4</b> | <b>Type</b>                        |

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4



### Inch table



Dimensions in: inches / millimeters

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

### Metric table



Dimensions in: millimeters / inches

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