



Metric



- 2** Lead direction
- RH** Right-hand thread
- LH** Left-hand thread

**Specification**

Gunmetal (Rg7)

RoHS



**RG**

Trapezoidal lead nuts GN 103.1 are used together with trapezoidal lead screws GN 103. They can be fastened to the component to be adjusted via the bores in the flange. The centering step  $d_2$  is used to position the nut. The trapezoidal lead nuts should be lubricated to minimize wear. However, if lubrication is insufficient, the bronze alloy (gunmetal) generally has emergency running properties.

see also...	Page
EN 103.1 Trapezoidal Lead Nuts (Plastic, with Flange)	QVX

Accessory	
GN 103 Trapezoidal Lead Screws	QVX

How to order

**GN 103.1-24x10-RH-RG**

<b>1</b>	Thread $d$ , x $Ph$ ( $d$ , x $P$ )
<b>2</b>	Lead direction
<b>3</b>	Material

## Metric table



Dimensions in: millimeters / inches

<b>d<sub>1</sub> x P</b> Single-start	<b>d<sub>2</sub> h9</b>	<b>d<sub>3</sub><sup>-0.2</sup><sub>-0.3</sub></b>	<b>d<sub>4</sub></b>	<b>d<sub>5</sub></b>	<b>d<sub>6</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>
8 x 1.5	18 0.709	18 0.709	35 1.38	26 1.02	3.5 0.14	20 0.79	7 0.28	6 0.24
10 x 2	25 0.984	25 0.984	42 1.65	34 1.34	5 0.20	25 0.98	10 0.39	6 0.24
10 x 3	25 0.984	25 0.984	42 1.65	34 1.34	5 0.20	25 0.98	10 0.39	6 0.24
12 x 3	28 1.102	28 1.102	48 1.89	38 1.50	6 0.24	28 1.10	12 0.47	8 0.31
14 x 4	28 1.102	28 1.102	48 1.89	38 1.50	6 0.24	35 1.38	12 0.47	8 0.31
16 x 4	28 1.102	28 1.102	48 1.89	38 1.50	6 0.24	44 1.73	12 0.47	8 0.31
18 x 4	28 1.102	28 1.102	48 1.89	38 1.50	6 0.24	44 1.73	12 0.47	8 0.31
20 x 4	32 1.260	32 1.260	55 2.17	45 1.77	7 0.28	44 1.73	12 0.47	8 0.31
24 x 5	32 1.260	32 1.260	55 2.17	45 1.77	7 0.28	44 1.73	12 0.47	8 0.31
30 x 6	38 1.496	38 1.496	62 2.44	50 1.97	7 0.28	46 1.81	14 0.55	8 0.31
36 x 6	45 1.772	45 1.772	70 2.76	58 2.28	7 0.28	59 2.32	16 0.63	10 0.39
40 x 7	63 2.480	63 2.480	95 3.74	78 3.07	9 0.35	73 2.87	16 0.63	10 0.39
50 x 8	72 2.835	72 2.835	110 4.33	90 3.54	11 0.43	97 3.82	18 0.71	10 0.39



<b>d<sub>1</sub> x Ph</b> Multi-start	<b>P<sub>T</sub></b> Pitch	Number of thread turns <b>Ph / P<sub>T</sub></b>	<b>d<sub>2</sub> h9</b>	<b>d<sub>3</sub><sup>-0.2</sup><sub>-0.3</sub></b>	<b>d<sub>4</sub></b>	<b>d<sub>5</sub></b>	<b>d<sub>6</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>
12 x 6*	P3	2	28 1.102	28 1.102	48 1.89	38 1.50	6 0.24	28 1.10	12 0.47	8 0.31
16 x 8*	P4	2	28 1.102	28 1.102	48 1.89	38 1.50	6 0.24	44 1.73	12 0.47	8 0.31
20 x 8*	P4	2	32 1.260	32 1.260	55 2.17	45 1.77	7 0.28	44 1.73	12 0.47	8 0.31
24 x 10*	P5	2	32 1.260	32 1.260	55 2.17	45 1.77	7 0.28	44 1.73	12 0.47	8 0.31
30 x 12*	P6	2	38 1.496	38 1.496	62 2.44	50 1.97	7 0.28	46 1.81	14 0.55	8 0.31
40 x 14*	P7	2	63 2.480	63 2.480	95 3.74	78 3.07	9 0.35	73 2.87	16 0.63	10 0.39

\* For lead direction RH only