



3 Lead direction
RH Right-hand thread
LH Left-hand thread

1 d x P Single-start	2 Length l	
8 x 1,5	500	1000
10 x 2	500	1000
10 x 3	500	1000
12 x 3	500	1000
14 x 4	500	1000
16 x 4	500	1000
18 x 4	500	1000
20 x 4	500	1000
24 x 5	500	1000
30 x 6	500	1000
36 x 6	500	1000
40 x 7	500	1000
50 x 8	500	1000

1 d x Ph Multi-start	2 Length l	P_T Pitch	Number of thread turns Ph / P_T
12 x 6*	1000	P3	2
16 x 8*	1000	P4	2
20 x 8*	1000	P4	2
24 x 10*	1000	P5	2
30 x 12*	1000	P6	2
40 x 14*	1000	P7	2

* For lead direction RH only

Specification

Case-hardened steel C15 **ST**
Stainless steel AISI 304 **NI**

RoHS

Accessory	Page
GN 103.1 Trapezoidal Lead Nuts (Gunmetal, with Flange)	QVX
GN 103.1 Trapezoidal Lead Nuts (Plastic, with Flange)	QVX
GN 103.2 Trapezoidal Lead Nuts (with Hex)	QVX
GN 103.3 Trapezoidal Lead Nuts (Cylindrical)	QVX

In connection with trapezoidal lead nuts, trapezoidal lead screws GN 103 convert rotational movements into linear movements. They are used to move parts and transmit forces, such as in mechanical and plant engineering.

The threaded spindles are manufactured using a rolling process, which gives the thread a high level of strength. Depending on the application, either the nut or the threaded spindle moves axially during adjustment.

The thread dimensions of the trapezoidal lead screws comply with DIN 103. Trapezoidal thread drives can be assembled in conjunction with spindle nuts of the same thread size, number of thread starts and lead direction. The ends of the trapezoidal lead screws can be machined individually to accommodate the bearing or drive.

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Stainless Steel Characteristics	QVX

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1	2 Length l
2	3 Lead direction
3	4 Material
GN 103-16x4-1000-RH-ST	

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