



Metric



SS Stainless Steel

3 Lead direction

- RH** Right-hand thread
- LH** Left-hand thread

Metric table

| 1 | | 2 | | 3 | | 4 | |
|---------|------------|------------|----------|----------------------|--|-------------------------------------|--|
| d x P | Length l | d x Ph | Length l | P _T Pitch | Number of thread turns Ph / P _T | Dimensions in: millimeters / inches | |
| 8 x 1.5 | 500 19.69 | 1000 39.37 | 12 x 6* | 1000 39.37 | P3 | 2 | |
| 10 x 2 | 500 19.69 | 1000 39.37 | 16 x 8* | 1000 39.37 | P4 | 2 | |
| 10 x 3 | 500 19.69 | 1000 39.37 | 20 x 8* | 1000 39.37 | P4 | 2 | |
| 12 x 3 | 500 19.69 | 1000 39.37 | 24 x 10* | 1000 39.37 | P5 | 2 | |
| 14 x 4 | 500 19.69 | 1000 39.37 | 30 x 12* | 1000 39.37 | P6 | 2 | |
| 16 x 4 | 500 19.69 | 1000 39.37 | 40 x 14* | 1000 39.37 | P7 | 2 | |
| 18 x 4 | 1000 39.37 | - | | | | | |
| 20 x 4 | 1000 39.37 | - | | | | | |
| 24 x 5 | 1000 39.37 | - | | | | | |
| 30 x 6 | 1000 39.37 | - | | | | | |
| 36 x 6 | 1000 39.37 | - | | | | | |
| 40 x 7 | 1000 39.37 | - | | | | | |
| 50 x 8 | 1000 39.37 | - | | | | | |

* For lead direction RH only

Specification

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

RoHS

Accessory

| | |
|--|-----|
| GN 103.1 Trapezoidal Lead Nuts (Gunmetal, with Flange) | QVX |
| EN 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.

| | |
|---------------------------------|-------------|
| Technical Information | Page |
| Stainless Steel Characteristics | QVX |

How to order

| | |
|---|-----------------------|
| 1 | Thread d x P (d x Ph) |
| 2 | Length l |
| 3 | Lead direction |
| 4 | Material |

GN 103-16x4-1000-RH-ST

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10