### Lead Screw

Linear actuation for positioning tasks

#### Series M1,2 x 0,25 x L1

<table>
<thead>
<tr>
<th>Ordering information</th>
<th>L1 (mm)</th>
<th>7.5</th>
<th>15</th>
<th>Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order code (no bearing tip)</td>
<td>M1.2x7.5</td>
<td>M1.2x15</td>
<td>–</td>
<td>M1.2xL1*</td>
</tr>
<tr>
<td>Order code (with bearing tip)</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

| Nominal diameter | 1.2 | mm |
| Pitch | 0.25 | mm |
| Material | Stainless steel |

* For custom length, please inquire with your point of sales

For combination with Stepper Motors DM0620, AM0820, AM1020

**Important notes**

The thrust curves include already a safety factor for the use of the stepper motor. Please read the "Technical information" for a better understanding of the curves.

**Combination with DM0620**

**Driver settings**

- 1x Nominal voltage
- 1.5x Nominal voltage*
- 2.5x Nominal voltage*

**Combination with AM0820**

**Driver settings**

- 1x Nominal voltage
- 2.5x Nominal voltage*
- 5x Nominal voltage*

**Combination with AM1020**

**Driver settings**

- 1x Nominal voltage
- 2.5x Nominal voltage*

* Current limited to its nominal value

#### Dimensional drawing

Example of combination with AM1020

Optional: nut 6502.00366

M1.2 x 0.25 6h

Run out (max.):

L1 x 0.006 mm

L2 ±0.2 (L2 = L1 + 2,3)

M1,2 x 0,25 x L1
Lead Screw
Optional nuts and bearings

Options
For M1,2 x 0,25 Lead screws

Nut Part No. 6502.00366, Self-lubricating synthetics material

For M1,6 x 0,35 Lead screws

Nut Part No. 6502.00370, Self-lubricating synthetics material
Bearing for leadscrew tip Part No. 6502.00102

For M2,0 x 0,2 Lead screws

Nut Part No. 6502.00337, Self-lubricating synthetics material
Bearing for leadscrew tip Part No. 6502.00097

For M3,0 x 0,5 Lead screws

Nut Part No. 6502.00323, Self-lubricating synthetics material
Bearing for leadscrew tip Part No. 6502.00103

For notes on technical data and lifetime performance refer to "Technical Information".

Specifications subject to change without notice.

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