



**SS** Stainless Steel

**3 Type**

- R1** Right-hand thread, shaft journal at one end
- R2\*** Right-hand thread, shaft journal at both ends
- L1** Left-hand thread, shaft journal at one end
- L2\*** Left-hand thread, shaft journal at both ends

**Metric table**

**1 2**

d <sub>1</sub>	l <sub>1</sub> Stroke (standard lengths)						Max. stroke	Threaded spindle	d <sub>2</sub>	d <sub>3</sub> Thread	l <sub>2</sub> Total length	l <sub>3</sub>	l <sub>4</sub>	m <sub>1</sub>	m <sub>2</sub>	For parallel key DIN 6885
	65	165	265	-	-	350										
18 <i>0.71</i>	2.56 <i>6.50</i>	6.50 <i>10.43</i>	-	-	13.78 <i>350</i>	TR10x3	6 <i>0.24</i>	M 3	l <sub>1</sub> +140 <i>+5.51</i>	70 <i>2.76</i>	16 <i>0.63</i>	17 <i>0.67</i>	24 <i>0.94</i>	A2x2x12		
30 <i>1.18</i>	3.94 <i>5.91</i>	7.87 <i>11.81</i>	-	1250 <i>49.21</i>	TR14x4	8 <i>0.31</i>	M 4	l <sub>1</sub> +205 <i>+8.07</i>	102.5 <i>4.04</i>	16 <i>0.63</i>	23 <i>0.91</i>	38 <i>1.50</i>	A2x2x12			
40 <i>1.57</i>	2.76 <i>6.69</i>	8.66 <i>10.63</i>	12.60 <i>12.60</i>	1570 <i>61.81</i>	TR20x4	12 <i>0.47</i>	M 5	l <sub>1</sub> +235 <i>+9.25</i>	117.5 <i>4.63</i>	17 <i>0.67</i>	42 <i>1.65</i>	54 <i>2.13</i>	A4x4x12			
50 <i>1.97</i>	2.56 <i>4.53</i>	8.46 <i>10.43</i>	12.40 <i>12.40</i>	1565 <i>61.61</i>	TR20x4	12 <i>0.47</i>	M 6	l <sub>1</sub> +240 <i>+9.45</i>	120 <i>4.72</i>	18 <i>0.71</i>	42 <i>1.65</i>	54 <i>2.13</i>	A4x4x12			
60 <i>2.36</i>	8.66 <i>28.35</i>	-	-	1520 <i>59.84</i>	TR24x5	14 <i>0.55</i>	M 8	l <sub>1</sub> +285 <i>+11.22</i>	142.5 <i>5.61</i>	19 <i>0.75</i>	58 <i>2.28</i>	70 <i>2.76</i>	A5x5x16			

Dimensions in: millimeters - inches

\* Usually not available from stock

**Specification**

- Guide tube
  - Tube DIN 2391 Steel, chrome plated **SCR**
  - Tube DIN 2462 Stainless steel AISI 304 **NI\***
- Trapezoidal thread spindle
  - Steel / stainless steel AISI 303
  - Ball bearing
- Lead nut
  - Gunmetal
- End plug
  - Plastic
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

**Accessory**

- Linear actuator connectors, connector clamps and further accessories have to be ordered separately.

**On request**

- Any stroke within the maximum stroke lengths

**Information**

In addition to the standard stroke lengths of the GN 291 linear actuators specified in the table, any stroke within the maximum stroke lengths is available upon request.

A wide variety of different components are available in the connector clamp range to mount the linear actuators in place and to upgrade them to linear actuator connectors.

In order to measure the movement or the position of the linear actuator connectors, digital as well as analog position indicators can be attached. Also, the guide tube can be equipped with a longitudinal scale.

see also...

- [Square Linear Actuators GN 291.1](#) → page 1952
- [Longitudinal Scales GN 299](#) → page 1960
- [Linear Actuator Connectors](#) → starting from page 1949
- [Handwheels for Linear Actuators](#) → starting from page 1962
- [Installation Kits GN 295 \(for Position Indicators\)](#) → page 1964
- [Additional Information / Load Data](#) → page 1946

<b>How to order</b>	<b>1</b> Diameter d <sub>1</sub>
	<b>2</b> Stroke l <sub>1</sub>
<b>GN 291-30-200-R1-SCR</b>	<b>3</b> Type
	<b>4</b> Material