



- 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

**1 2**

s	l <sub>1</sub> Stroke (standard lengths)						max. stroke	Threaded spindle	d <sub>1</sub> f7	d <sub>2</sub>	l <sub>2</sub> Total length	l <sub>3</sub>	l <sub>4</sub>	m <sub>1</sub>	m <sub>2</sub>	for key DIN 6885
30	100	150	200	300	-	1250	TR14x4	8	M 4	11+210	105	16	23	38	A2x2x12	
40	70	170	220	270	320	1570	TR20x4	12	M 5	11+240	120	17	42	54	A4x4x12	
50	65	115	215	265	315	1565	TR20x4	12	M 6	11+245	122,5	18	42	54	A4x4x12	

\* usually not available from stock

**Specification**

**4**

- Square tube  
Steel, chrome-plated **SCR**
- Spindle with trapezoidal thread  
- Steel  
- ball bearing
- Lead nut  
Gunmetal
- End cap  
Plastic
- ISO-Fundamental Tolerances → Page 1132
- RoHS compliant

**Accessory**

- Linear actuator connectors, tube clamp connectors and accessory have to be ordered separately.

**On request**

- Square linear actuators GN 291.1 made of Stainless Steel

**Information**

Square linear actuators GN 291.1 are used if the linear actuator connectors are exposed to high torsion forces.

In addition to the standard stroke lengths specified in the above table for linear actuators any stroke inside the maximum stroke length is available.

Besides the extensive range of two-part tube clamp connectors there are a number of different components for fixing the linear actuators and to build linear actuator connectors.

In order to measure the displacement and positioning of the linear actuator connectors, the square tube can be provided with a longitudinal scale.

see also...

- Longitudinal scales GN 299 → Page 1066
- Linear actuator connectors → Page 1046
- Handwheels for linear actuators → Page 1062

**How to order**

**GN 291.1-30-200-R1-SCR**

<b>1</b>	s
<b>2</b>	l <sub>1</sub>
<b>3</b>	Type
<b>4</b>	Material