



ROST freit  
Inox  
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

**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>	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	-	-	-										
18	65	165	265	-	-	350	TR10x3	6	M 3	l <sub>1</sub> +140	70	16	17	24	A2x2x12	
30	100	150	200	300	-	1250	TR14x4	8	M 4	l <sub>1</sub> +205	102,5	16	23	38	A2x2x12	
40	70	170	220	270	320	1570	TR20x4	12	M 5	l <sub>1</sub> +235	117,5	17	42	54	A4x4x12	
50	65	115	215	265	315	1565	TR20x4	12	M 6	l <sub>1</sub> +240	120	18	42	54	A4x4x12	
60	220	720	-	-	-	1520	TR24x5	14	M 8	l <sub>1</sub> +285	142,5	19	58	70	A5x5x16	

\* usually not available from stock

**Specification**

- Guide tube
  - Tube DIN 2391  
Steel, chrome-plated **SCR**
  - Tube DIN 2462  
Stainless steel AISI 304 **NI\***
- Spindle with trapezoidal thread
  - Steel respectively  
Stainless steel AISI 303
  - Ball bearing
- Lead nut  
Gunmetal
- End plug  
Plastic
- *Stainless Steel Characteristics* → Page 2166
- **RoHS**

**Accessory**

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

**4**

**Information**

In addition to the standard stroke lengths specified in the above table for linear actuators GN 291 any stroke inside the maximum stroke length is available.

Besides the extensive range of 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, digital as well as analogue position indicators can be installed and furthermore the guide tube can be provided with a longitudinal scale.

see also...

- *Square Linear Actuators GN 291.1* → Page 1973
- *Longitudinal Scales GN 299* → Page 1982
- *Linear Actuator Connectors* → Page 1954 ff.
- *Handwheels GN 9234 (for Linear Actuators)* → Page XYZ
- *Installation Kits GN 295 (for Position indicators)* → Page 1986
- *Technical Description / Load Data* → Page 1949

How to order

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

**GN 291-30-200-R1-SCR**