



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

* usually not available from stock

Specification

- Square tube
 - Steel, chrome-plated
 - Stainless steel AISI 304
- Spindle with trapezoidal thread
 - Steel respectively
 - Stainless steel AISI 303
 - Ball bearing
- Lead nut
Gunmetal
- End plug
Plastic
- *Stainless Steel Characteristics* → Page 2166
- RoHS

SCR NI*

Accessory

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

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.

By means of linear actuator connectors, the linear movement of the lead nut can be transmitted externally via a follower. The followers are included with the respective linear actuator connectors. In addition, the tube clamp connector range contains many different parts for mounting the linear actuators.

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...

- *Linear Actuators GN 291* → Page 1950
- *Longitudinal Scales GN 299* → Page 1982
- *Linear Actuator Connectors* → Page 1954 ff.
- *Handwheels GN 9234 (for Linear Actuators)* → Page XYZ
- *Installation Kits GN 296 (for Position Indicators) GN 296* → Page 1987

How to order

1	s
2	l ₁
3	Type
4	Material

GN 291.1-30-200-R1-SCR

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

