

Linear Actuators

**Steel / Stainless Steel,
with Right and Left Hand Thread**

SPECIFICATION

Types

- Type **RL1**: Shaft journal at one end
- Type **RL2**: Shaft journal at both ends

Guide tube

Version in Steel

Tube DIN 2391

Steel, chrome-plated **SCR**

Version in Stainless Steel*

Tube DIN 2462

Stainless steel AISI 304 NI

* usually not available from stock

Spindle with trapezoidal thread

- Steel respectively
Stainless steel AISI 303
- Ball bearing

Lead nut

Gunmetal

End plug

Plastic



INFORMATION

In addition to the standard stroke lengths specified in the above table for linear actuators GN 292 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.

- Longitudinal scales GN 299 (see page 1917)

ACCESSORY

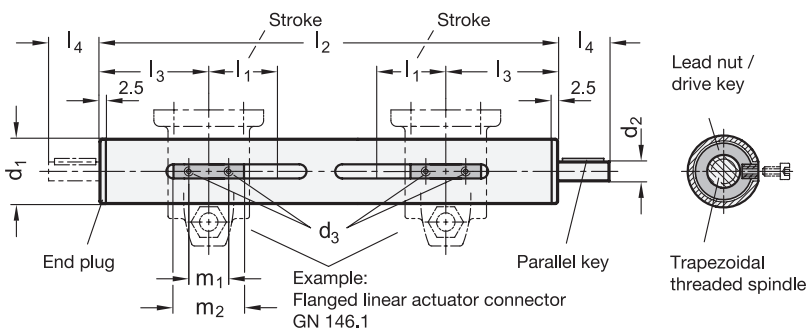
- Linear actuator connectors, tube clamp connectors and accessory have to be ordered separately.

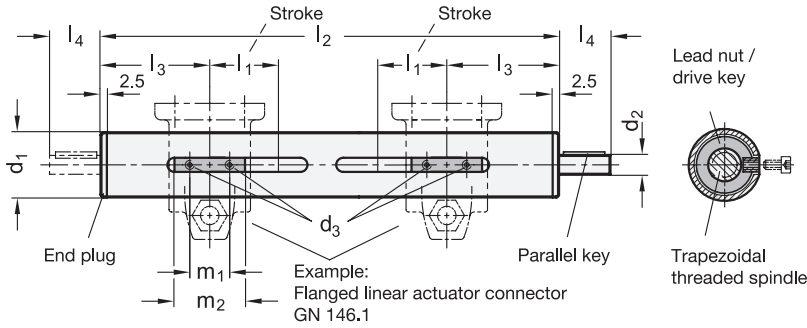
ON REQUEST

- Special lengths

TECHNICAL INFORMATION

- Stainless Steel Characteristics (see page A26)
- Technical description of Linear actuators (see page 1910)





* Complete with

RL1
Shaft journal at one end

RL2 **
Shaft journal at both ends

GN 292-SCR

Description	d ₁	l ₁ Stroke (standard lengths)	Max. stroke every	Threaded spindle	d ₂	d ₃	l ₂ Total length	l ₃	l ₄	m ₁	m ₂	for parallel key DIN 6885	⚖
GN 292-18-120-*-SCR	18	120	167	TR10x3	6	M 3	2x11+171	70	16	17	24	A2x2x12	440
GN 292-30-130-*-SCR	30	130	601	TR14x4	8	M 4	2x11+253	102.5	16	23	38	A2x2x12	1250
GN 292-40-205-*-SCR	40	205	753	TR20x4	12	M 5	2x11+299	117.5	17	42	54	A4x4x12	3560
GN 292-40-255-*-SCR	40	255	753	TR20x4	12	M 5	2x11+299	117.5	17	42	54	A4x4x12	4130
GN 292-50-300-*-SCR	50	300	748	TR20x4	12	M 6	2x11+309	120	18	42	54	A4x4x12	6400
GN 292-50-350-*-SCR	50	350	748	TR20x4	12	M 6	2x11+309	120	18	42	54	A4x4x12	6700
GN 292-60-300-*-SCR	60	300	715	TR24x5	14	M 8	2x11+375	142.5	19	58	70	A5x5x16	9900

GN 292-NI **

STAINLESS STEEL

Description	d ₁	l ₁ Stroke (standard lengths)	Max. stroke every	Threaded spindle	d ₂	d ₃	l ₂ Total length	l ₃	l ₄	m ₁	m ₂	for parallel key DIN 6885	⚖
GN 292-18-120-*-SCR	18	120	167	TR10x3	6	M 3	2x11+171	70	16	17	24	A2x2x12	440
GN 292-30-130-*-SCR	30	130	601	TR14x4	8	M 4	2x11+253	102.5	16	23	38	A2x2x12	1250
GN 292-40-205-*-SCR	40	205	753	TR20x4	12	M 5	2x11+299	117.5	17	42	54	A4x4x12	3560
GN 292-40-255-*-SCR	40	255	753	TR20x4	12	M 5	2x11+299	117.5	17	42	54	A4x4x12	4130
GN 292-50-300-*-SCR	50	300	748	TR20x4	12	M 6	2x11+309	120	18	42	54	A4x4x12	6400
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** usually not available from stock
Weight type RL1

