



SQUARE GUIDE TUBE

Chrome-plated steel.



WORM SCREW WITH TRAPEZODIAL THREADING

AISI 303 stainless steel.



SLIDER

Brass.



CLOSING END-CAPS

Polyamide based (PA) technopolymer.



STANDARD EXECUTIONS

- **GN 291.1-R1**: right threaded screw, projecting on one end.
- **GN 291.1-L1**: left threaded screw, projecting on one end.



FEATURES AND APPLICATIONS

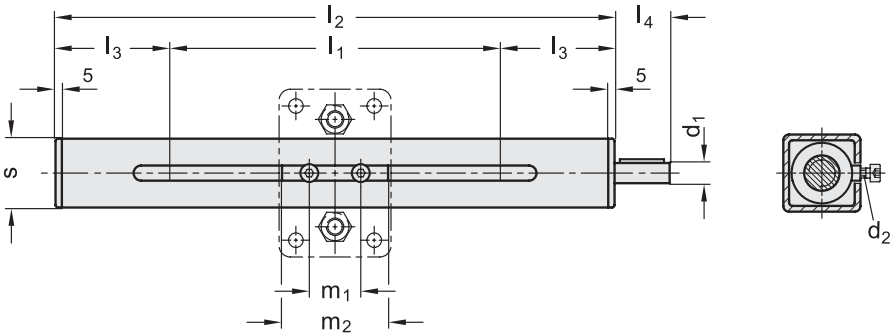
GN 291.1 linear actuators can generally be used with high tightening torques.

The assembly of GN 291.1 linear actuators can be made by using the different types of connecting clamps.



SPECIAL EXECUTIONS ON REQUEST

- GN 291.1-R2: right threaded screw, projecting on both ends.
- GN 291.1-L2: left threaded screw, projecting on both ends.
- Linear actuators with different lengths.
- Guide tubes with laser-engraved precision graduations.
- Position indicators DD52R / DD51 installation kits.



Conversion Table	
1 mm = 0.039 inch	
s	
mm	inch
30	1.18
40	1.57
50	1.97

GN 291.1-R

METRIC

Code	Description	d2	d1 f7	l1 Stroke (standard lengths)	Max. stroke*	Screws thread	l2	l3	l4	m1	m2	s	Keyway DIN 6885	⚖
GN.66561	GN 291.1-30-100-R1-SCR	M4	8	100	1250	TR14x4	310	105	16	23	38	30	A2x2x12	825
GN.66576	GN 291.1-30-150-R1-SCR	M4	8	150	1250	TR14x4	360	105	16	23	38	30	A2x2x12	948
GN.66586	GN 291.1-30-200-R1-SCR	M4	8	200	1250	TR14x4	410	105	16	23	38	30	A2x2x12	1260
GN.66596	GN 291.1-30-300-R1-SCR	M4	8	300	1250	TR14x4	510	105	16	23	38	30	A2x2x12	1300
GN.66651	GN 291.1-40-70-R1-SCR	M5	12	70	1800	TR20x4	310	120	17	42	54	40	A4x4x12	1685
GN.66606	GN 291.1-40-170-R1-SCR	M5	12	170	1800	TR20x4	410	120	17	42	54	40	A4x4x12	1685
GN.66616	GN 291.1-40-220-R1-SCR	M5	12	220	1800	TR20x4	460	120	17	42	54	40	A4x4x12	2400
GN.66626	GN 291.1-40-270-R1-SCR	M5	12	270	1800	TR20x4	510	120	17	42	54	40	A4x4x12	2709
GN.66636	GN 291.1-40-320-R1-SCR	M5	12	320	1800	TR20x4	560	120	17	42	54	40	A4x4x12	2820
GN.66711	GN 291.1-50-65-R1-SCR	M6	12	65	1965	TR20x4	310	122.5	18	42	54	50	A4x4x12	2890
GN.66666	GN 291.1-50-115-R1-SCR	M6	12	115	1965	TR20x4	360	122.5	18	42	54	50	A4x4x12	2940
GN.66676	GN 291.1-50-215-R1-SCR	M6	12	215	1965	TR20x4	460	122.5	18	42	54	50	A4x4x12	3100
GN.66686	GN 291.1-50-265-R1-SCR	M6	12	265	1965	TR20x4	510	122.5	18	42	54	50	A4x4x12	3830
GN.66696	GN 291.1-50-315-R1-SCR	M6	12	315	1965	TR20x4	560	122.5	18	42	54	50	A4x4x12	4190

GN 291.1-L

METRIC

Code	Description	d2	d1 f7	l1 Stroke (standard lengths)	Max. stroke*	Screws thread	l2	l3	l4	m1	m2	s	Keyway DIN 6885	⚖
GN.66551	GN 291.1-30-100-L1-SCR	M4	8	100	1250	TR14x4	310	105	16	23	38	30	A2x2x12	825
GN.66571	GN 291.1-30-150-L1-SCR	M4	8	150	1250	TR14x4	360	105	16	23	38	30	A2x2x12	948
GN.66581	GN 291.1-30-200-L1-SCR	M4	8	200	1250	TR14x4	410	105	16	23	38	30	A2x2x12	1260
GN.66591	GN 291.1-30-300-L1-SCR	M4	8	300	1250	TR14x4	510	105	16	23	38	30	A2x2x12	1300
GN.66641	GN 291.1-40-70-L1-SCR	M5	12	70	1800	TR20x4	310	120	17	42	54	40	A4x4x12	1685
GN.66601	GN 291.1-40-170-L1-SCR	M5	12	170	1800	TR20x4	410	120	17	42	54	40	A4x4x12	1900
GN.66611	GN 291.1-40-220-L1-SCR	M5	12	220	1800	TR20x4	460	120	17	42	54	40	A4x4x12	2400
GN.66621	GN 291.1-40-270-L1-SCR	M5	12	270	1800	TR20x4	510	120	17	42	54	40	A4x4x12	2709
GN.66631	GN 291.1-40-320-L1-SCR	M5	12	320	1800	TR20x4	560	120	17	42	54	40	A4x4x12	2940
GN.66701	GN 291.1-50-65-L1-SCR	M6	12	65	1965	TR20x4	310	122.5	18	42	54	50	A4x4x12	2890
GN.66661	GN 291.1-50-115-L1-SCR	M6	12	115	1965	TR20x4	360	122.5	18	42	54	50	A4x4x12	2820
GN.66671	GN 291.1-50-215-L1-SCR	M6	12	215	1965	TR20x4	460	122.5	18	42	54	50	A4x4x12	3100
GN.66681	GN 291.1-50-265-L1-SCR	M6	12	265	1965	TR20x4	510	122.5	18	42	54	50	A4x4x12	3830
GN.66691	GN 291.1-50-315-L1-SCR	M6	12	315	1965	TR20x4	560	122.5	18	42	54	50	A4x4x12	4190

* Executions available on request up to the maximum stroke indicated.

