



Metric table

¹ h ₁	² l ₃	³ l ₁ - l ₂ Length - Stroke			b ₁	b ₂	d ₁ Thread	d ₂	l ₄ max.	m ₁	m ₂	s	t
28 1.10	60 2.36	130 - 34 5.11 - 1.34	210 - 114 8.26 - 4.48	370 - 274 14.56 - 10.78	12.3 0.48	12.9 0.51	M 5	5.5 0.22	18 0.71	10 0.39	20 0.79	4 0.16	7 0.28
28 1.10	80 3.15	290 - 174 11.41 - 6.85	450 - 334 17.71 - 13.14	610 - 494 24.01 - 19.44	12.3 0.48	12.9 0.51	M 5	5.5 0.22	18 0.71	10 0.39	20 0.79	4 0.16	7 0.28
28 1.10	130 5.12	290 - 124 11.41 - 4.88	450 - 284 17.71 - 11.18	690 - 524 27.16 - 20.62	12.3 0.48	12.9 0.51	M 5	5.5 0.22	18 0.71	25 0.98	80 3.15	4 0.16	7 0.28
28 1.10	210 8.27	450 - 204 17.71 - 8.03	610 - 364 24.01 - 14.33	1010 - 764 39.76 - 30.07	12.3 0.48	12.9 0.51	M 5	5.5 0.22	18 0.71	25 0.98	80 3.15	4 0.16	7 0.28
35 1.38	130 5.12	290 - 114 11.41 - 4.48	450 - 274 17.71 - 10.78	770 - 594 30.31 - 23.38	16.5 0.65	17 0.67	M 6	6.5 0.26	23 0.91	25 0.98	80 3.15	3.5 0.14	10 0.39
35 1.38	210 8.27	450 - 194 17.71 - 7.63	690 - 434 27.16 - 13.50	1010 - 754 39.76 - 29.68	16.5 0.65	17 0.67	M 6	6.5 0.26	23 0.91	25 0.98	80 3.15	3.5 0.14	10 0.39
35 1.38	290 11.42	610 - 274 24.01 - 10.79	930 - 594 36.61 - 23.38	1330 - 994 52.36 - 39.09	16.5 0.65	17 0.67	M 6	6.5 0.26	23 0.91	25 0.98	80 3.15	3.5 0.14	10 0.39
43 1.69	210 8.27	450 - 194 17.71 - 7.63	690 - 434 27.16 - 13.50	1010 - 754 39.76 - 29.68	21 0.83	22 0.87	M 8	8.5 0.33	23 0.91	25 0.98	80 3.15	4.5 0.18	13.5 0.53
43 1.69	370 14.57	770 - 354 30.31 - 13.93	1010 - 594 39.76 - 23.38	1490 - 1074 58.66 - 42.28	21 0.83	22 0.87	M 8	8.5 0.33	23 0.91	25 0.98	80 3.15	4.5 0.18	13.5 0.53

Specification

- Rail / runner
Heat-treated steel
- Zinc plated, blue passivated finish
- Hardened raceways
- Balls
Rolling bearing steel, hardened
- Ball cage
Steel, zinc plated
- RoHS compliant

On request

- Other lengths (based on the standard lengths in the grid dimension of 80 mm)
- Special lengths (bore, start and end distances)
- More than one runner, special cages

Information

GN 2402 linear slides without extension are used, for example, for drawers and sliding doors, or in jigmaking for a sliding motion in linear direction.

The sliding distance of the runner lies within the length of the rail l₁. The limitation of the max. stroke should be ensured by external elements. The stops of the rail have been designed to guard against the inadvertent extraction of the runner from the rail.

see also...

- Structure of Linear Slides → page 1910
- Linear Guide Rail Systems → starting from page 1922
- Load Rating of Telescopic Linear Slides → starting from page 1918

How to order GN 2402-28-60-130	¹	Height h ₁
	²	Length l ₃ of the runner
	³	Length l ₁ of the rail

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

