

Long-Running Precision



If precise, quiet and dynamic linear movements are required, linear guide rail systems are indispensable. For special applications, Elesa+Ganter has now produced its modular system in stainless steel.

Even if they might appear so at first glance, not all linear guide rail systems are the same. The differences reveal themselves upon a closer look and tend to lie in fundamental aspects rather than mere details. This is why Elesa+Ganter offers a number of different models and versions.

The most recent addition is the stainless steel version in the two most important guide rail heights of 30 and 45 mm. These guide rails are assembled from precisely matched components: linear guide rails GN 2492, the matching cam roller carriages GN 2494 and the separately available wipers of TPU plus the individual rollers with three different bore types. The exceptionally stable guide rails are produced in a rolling process and can be mounted using the typical bore pattern, even up to a rail length of 2480 mm. The compact cam roller carriages run securely within the C-shaped rail, and the vertical play can be adjusted on the middle roller – a typical Elesa+Ganter feature. The ball bearings of the rollers are sealed, lubricated for life and FDA-compliant (as indicated by the blue seals). As a result, these linear guide rail systems can be used in corrosive environments as well as areas with strict hygiene requirements.

The linear guide rail systems of the GN 2422 series can be assembled just as individually. In this case, the C-shaped guide rails GN 2422 are available in four heights and are made of nonwarping, zinc-plated, hardened and ground steel. The matching cam roller carriages GN 2424 come in three versions, each with adjustable middle roller. All rollers and the wiper can also be purchased individually. When mounted to the cam roller carriages, the wipers remove dirt from the guide rails during every movement to ensure smooth travel at all times.

Alongside these linear guide rail systems designed for extreme demands, Elesa+Ganter naturally also carries simpler variants in its product range, which are quite sufficient for standard applications. GN 1490 is offered in two heights as a complete set including rail and carriage – in zinc-plated steel or stainless steel. Thanks to slightly over-dimensioned rollers, the carriages run quietly and precisely within the C-profiles with zero backlash. The lifetime lubrication and dust-proof sealing of the bearing also make valuable contributions here.

With these three models, Elesa+Ganter offers ideal solutions for all quality requirements and price points.

More information on Elesa+Ganter standard parts can be found in the internet at: [elesa-ganter.com](https://www.elesa-ganter.com)

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