

## Damping vibrations, shocks and noises



DVA.

DVB.



DVC.

DVE



GN 454

LW.A



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Elesa+Ganter [vibration-damping elements](#) represent an easy and effective solution to damp unfavourable vibrations produced by moving bodies or non-balanced vibrating masses which can also affect adjacent equipment improving operator safety and comfort. They are ideal for use with compressors, fans, vibrating feeders, rotary pumps or electric motors.

Manufactured with natural rubber NR, hardness 40, 55, 60 or 70, combined with zinc-plated steel or AISI 304 stainless steel threaded inserts, Elesa+Ganter damping elements are from now available in a wide range of dimensions and shapes.

In addition to the already well-known series with **cylindrical** ([DVA.1](#), [DVA.2](#), [DVA.3](#) – [DVA.4](#), [DVA.5](#)) or **parabolic shape** ([DVA.6](#), [DVA.7](#)), Elesa+Ganter has recently introduced on the market new solutions.

[DVB.6](#) and [DVB.7](#) rubber bushes with **conical shape**, which are generally used as bumpers or limit stops for the absorption of vibrations. Standard executions are available with Ø from 20 to 60 mm and stiffness from 49 N/mm to 975 N/mm.

New [DVC.1](#), [DVC.2](#), [DVC.3](#) vibration-damping elements with **bobbin shape**. Under pressure, they allow more lateral movement as well as vertical dampening. Available with Ø from 10 to 95 mm, they provide stiffness from 15 N/mm to 903 N/mm.

In addition, [DVE](#) series **bell-shaped mounts**, composed of two metallic elements joined together by a rubber anti-vibration body. A round element with a boss and a threaded pass-through hole constitutes the base for fixing to the vibrating machine. Another element, oval or square shaped, constitutes the flange for fastening to the floor. Suitable for applications with rotary machines that do not present big dynamic imbalances, where elasticity is required both vertically and transversely. These damping elements provide stiffness from 13 N/mm to 448 N/mm.

Elesa+Ganter **buffers** [GN 454](#) are used as end-stop buffers, e.g. conveyor trolleys. They can be fixed on the damping side with socket head cap screws DIN 912. They absorb most of the kinetic energy development on impact. They act as dampers and prevent damaging shock and rebound. They also act as sound dampers. These buffers are also used as levelling feet.

Last, but not least, [LW.A](#) **vibration-damping levelling elements**, composed of base, plate, stem and washer in zinc-plated steel, NR rubber damping element with NBR synthetic rubber packing ring. Their max. limit static load is up to 40,000 N and contributes to the stability of the machinery even in the presence of strong vibrations.