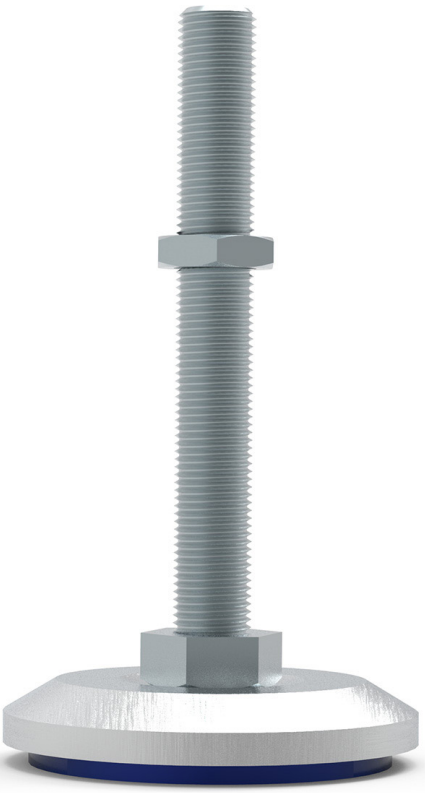
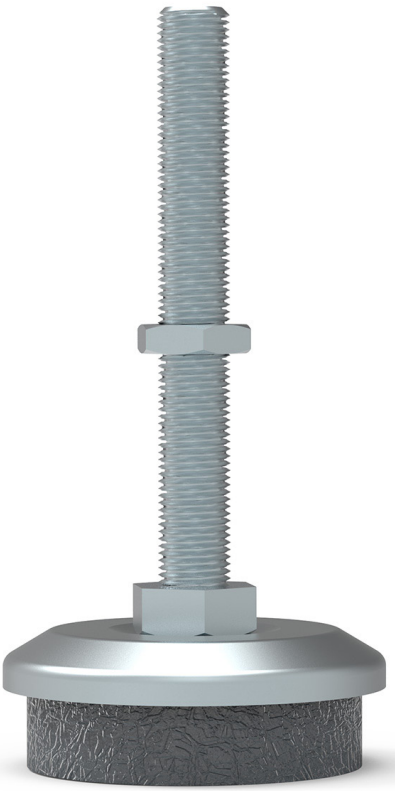
LÜTGERT

ANTRIEBSELEMENTE

Machine feet





If performance is required

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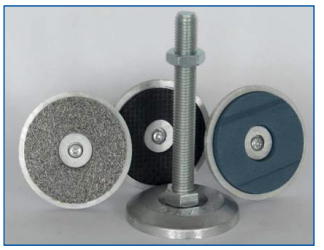
MACHINE FEET
AS VIBRATION ABSORBERS

Depending on the design, the universally applicable machine feet offer the possibility of damping vibrations and shocks and isolating vibrations. Thanks to the glued-on rubber base material, they also provide excellent insulation against structure-borne noise. Floor unevenness of up to +/- 5° can be compensated.

All types are offered in two versions: In the standard version, the cast cover can be loaded directly under pressure. In the N variant, a screw is provided for levelling.



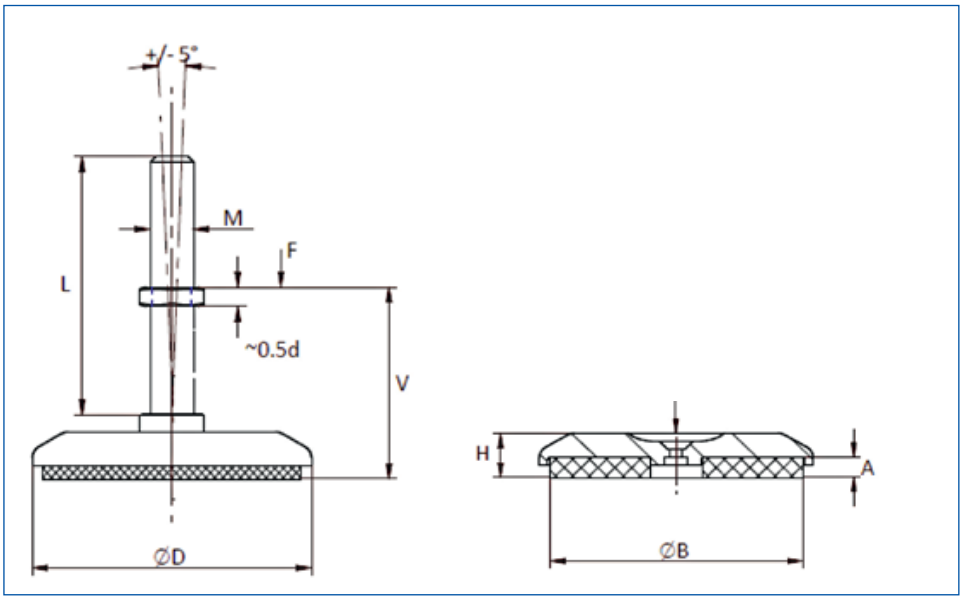
Designs

Type	G1/GN1	G2/GN2	K1/KN1	K2/KN2
material cast lid	aluminium	aluminium	aluminium	aluminium
cushioning plate	blue Sylomer cushioning plate / PUR-based elastomer	black NBR cushioning plate oil and gasoline resistant	cushioning plate from knitted / pressed CR-Ni steel wire rust-, heat- and oil-resistant	cushioning plate from knitted / pressed CR-Ni steel wire rust-, heat- and oil-resistant softer = lower natural frequency
application examples	fans, air conditioners, household machines, handling equipment, transport systems, pumps, small compressors and liquid tanks structure-borne noise insulation, active insulation	mounting of light tooling machines, automatic assembling machines, equipment in garages and equipment in production lines structure-borne noise insulation, active insulation	mounting of tooling machines with high speed and small vibration amplitude such as milling machines, lathes, drilling machines, straightening benches, screw compressors or hydraulic presses active insulation with high stability	mounting of tooling machines with low excitation frequency and large process movement such as eccentric presses, piston compressors and punching machines. (active insulation) mounting of lapping machines, printing cylinders, grinding machines, transformers and as foundation mounting (passive-isolation)

MACHINE FEET
AS VIBRATION ABSORBERS

Technical data | Example Type G1/GN1

Type	Load	Natural frequency f_e	Load	Ø D	M	L	V	H	A	B	Weight
	F_{stat} dN [kg]	F_{stat} [Hz]	F_{dyn} [g]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
G1 - 80	50 - 250	26 -15	1.75	80	-	-	-	18	10	~ 70	0,13
G1 - 130	150 - 800			130	-	-	-	22		~ 120	0,47
GN1-80 M12 x 80	50 - 250			80	M12	80	32 - 90	18		~ 70	0,21
GN1-80 M16 x 120	50 - 250			80	M16	120	38 - 129	18		~ 70	0,35
GN1-130 M20 x 120	150 - 800			130	M20	120	45 - 129	22		~120	0,81



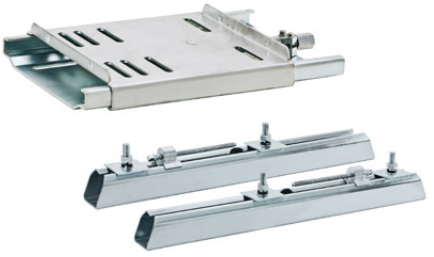
PRODUCT OVERVIEW
EXTRACT

Drive pulleys

V-belt pulleys | V-belt pulleys | Flywheels | Grid pulleys | Timing belt pulleys | Rubberized Pulleys | Split pulleys | Aluminium pulley

Supplies for drive belts

TaperLock clamping bushes | Motor mounting systems | V-belts / Drive belts | V-belt metrology | Rubber suspension units Ocillating mountings | Tensioner devices | Foundation blocks | Shafts and rolls



More information required?

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