• Description of parts and functions:

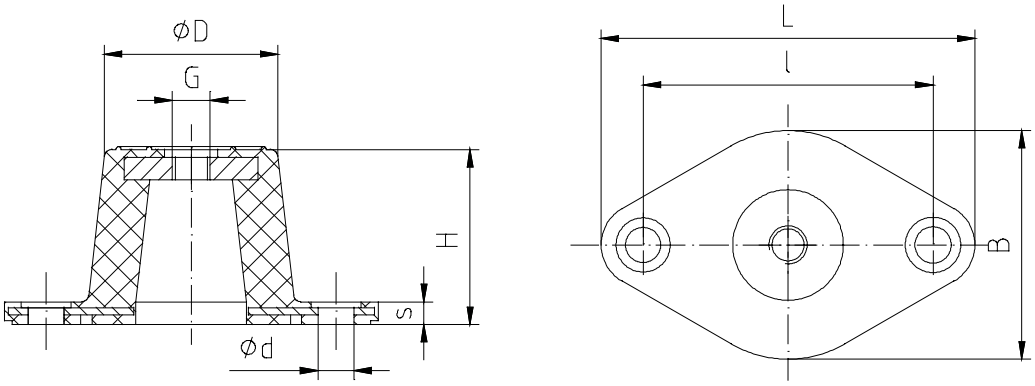
The GMT-insulators, because of their electrically insulating property, are used for the bearing of blasts, air-conditioning units and fans. The fact that they can be anchored and that the different shore hardness factors are distinguished by colour makes it easy to use them appropriately.

• Dimensions:

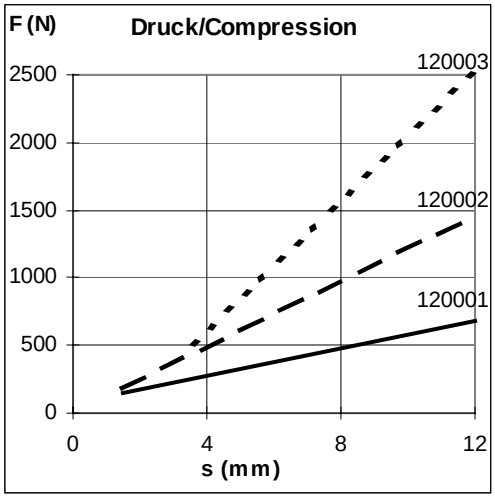
Elastomer: natural rubber (NR)
Soft = 40 ± 5° Shore A
Medium = 55 ± 5° Shore A
Hard = 70 ± 5° Shore A

Item number	D	G		H	L	B	l	d	s
	[mm]	metric	inch	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
120001	32	M8	5/16	32	80	45	60	9	6
120002	45	M10	3/8	45	98	60	76	9	6
120003	63	M12	1/2	73	140	86	105	14	6.5

The insulators are available in the standard colours green (40Sh-A), red (55Sh-A), and beige (70Sh-A).



• Spring characteristics:



Pressure load curves for 55 Sh-A
Correction factor for 40 Sh-A = 1.9
Correction factor for 70 Sh-A = 0,5

There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

• Description of parts and functions:

GMT machine feet are the preferred choice when it comes to the vibration and sound insulated bedding for engines, blasts, tool machine, printing and textile machinery. They have a favourable thrust-spring-constant/pressure-spring-constant ratio. Because of the higher degree of horizontal stiffness their mechanical movements can be largely compensated.
All these products are maintenance-free. The manufacturing of these machine feet is done on the basis of natural rubber.

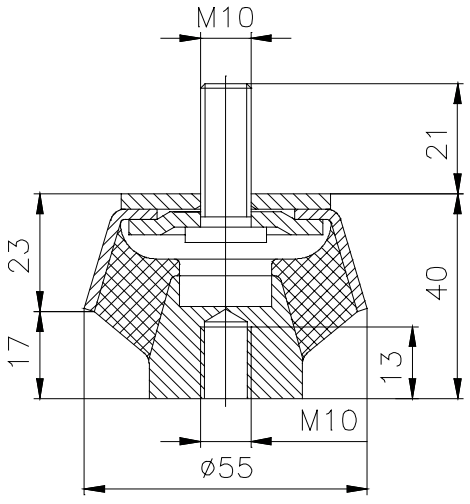
• Dimensions/spring parameters:

Standard design

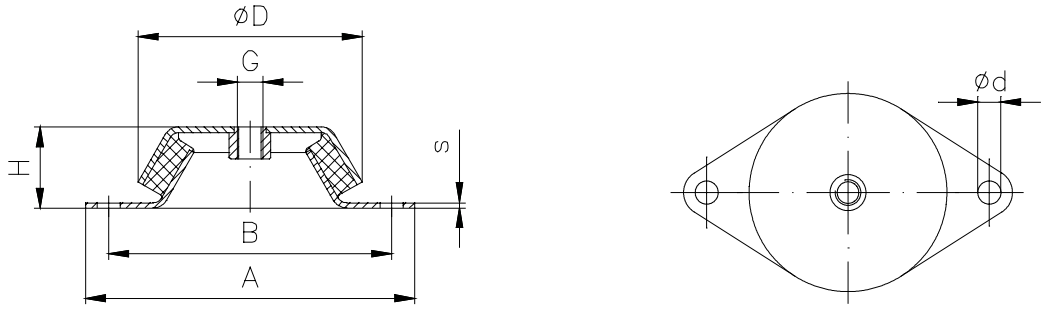
Item number	A [mm]	B [mm]	D [mm]	d [mm]	G [mm]	H [mm]	s [mm]	allowed Fv with Shore [Sh-A] : 45	60	70
100 001	-	-	55	-	M10	40	-	0,4	0,7	1,1
100 002	170	140	106	13,0	M12	39	3	1,8	3,5	4,8
100 003	168	132	150	12,5	M16	51,5	4	4,0	5,0	7,0
100 004	220	180	150	16,5	M20	51,5	4	4,0	5,0	7,0
100 005	184	150	177	13,0	M20	63	4	10,0	15,0	21,0

Tear-proof design

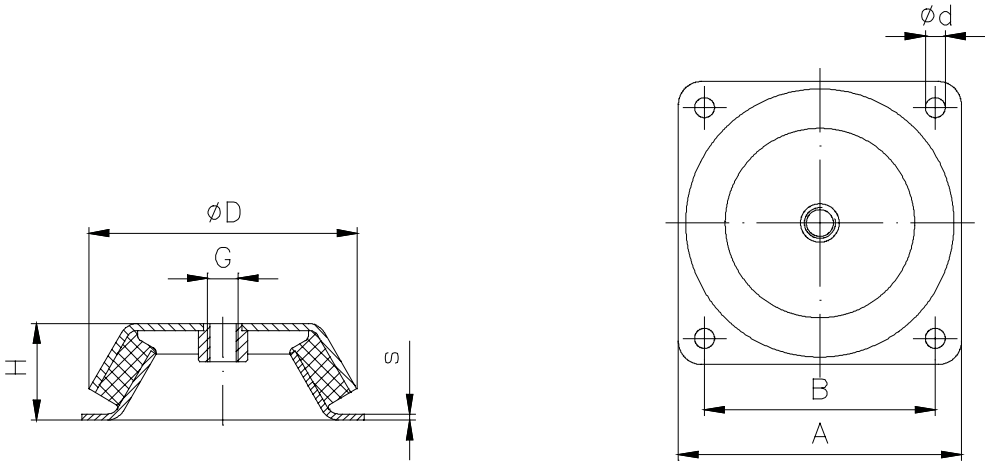
Item number	A [mm]	B [mm]	D [mm]	d [mm]	G [mm]	H [mm]	s [mm]	allowed Fv with Shore [Sh-A] : 38	45	60	70
104 001	128	110	77	9,0	M10	30	2	1,4	1,7	2,1	3,1
104 002	128	104	77	9,0	M10	30	2	1,4	1,7	2,1	3,1
104 003	144	124	94	10,0	M10	35	2,5	1,6	2,1	2,6	4,0
104 004	172	144	108	13,5	M16	38	3	2,1	2,8	4,2	6,0
104 005	186	158	121	13,5	M16	42	3	-	6,1	9,3	16,3
104 006	212	182	144	13,5	M16	48	3	-	12,3	22,7	30,4



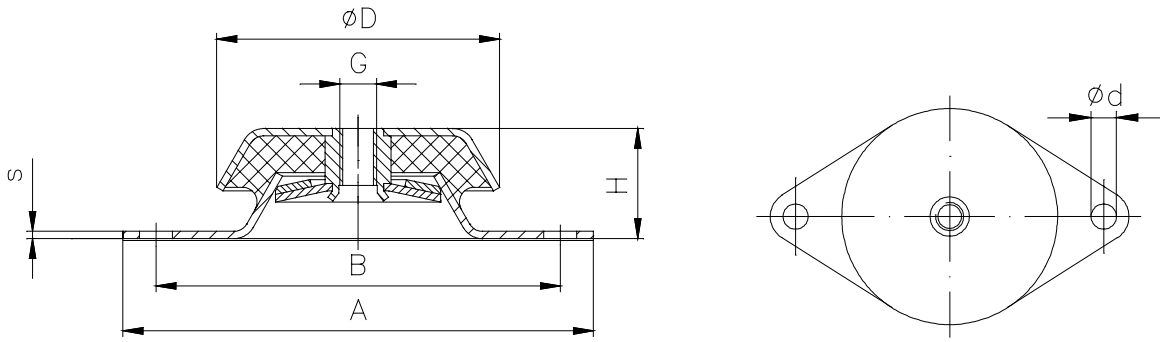
100001



100002, 100004

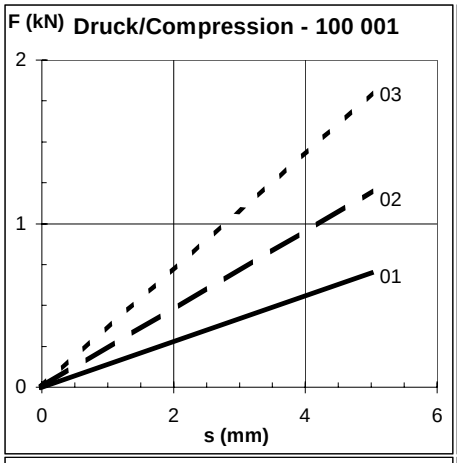


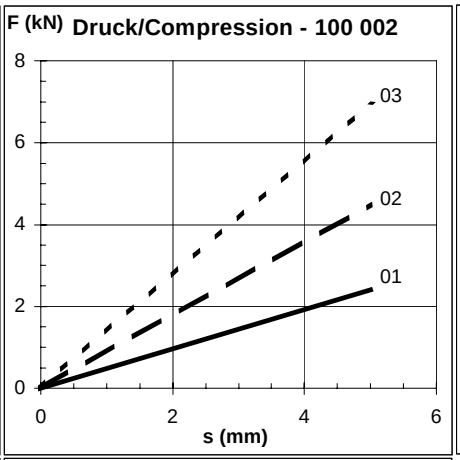
100 003, 100 005

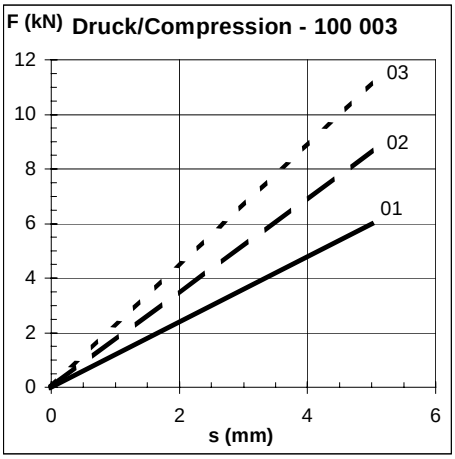


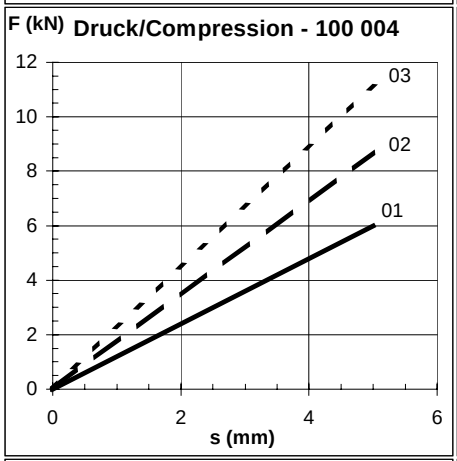
104 001 – 104 006

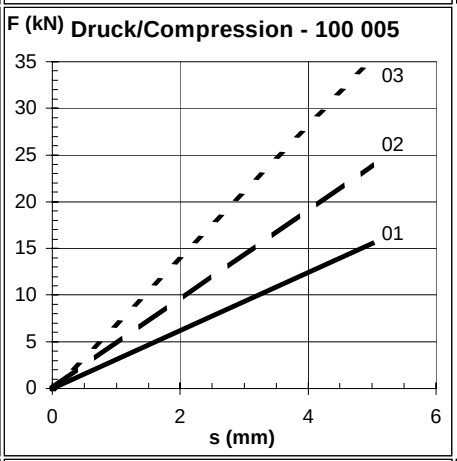
- **Spring characteristics:**

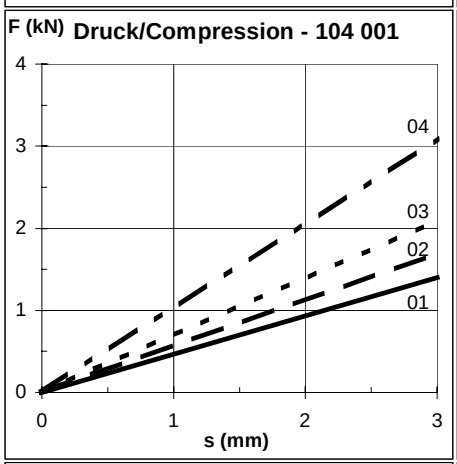


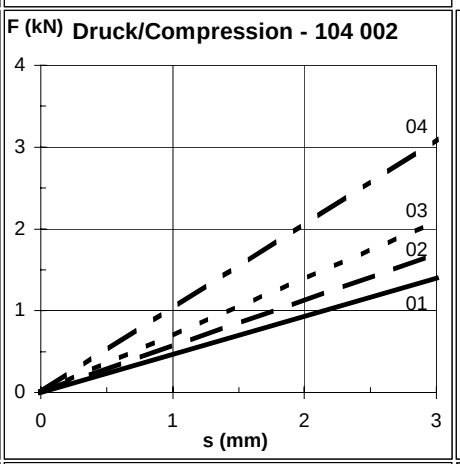


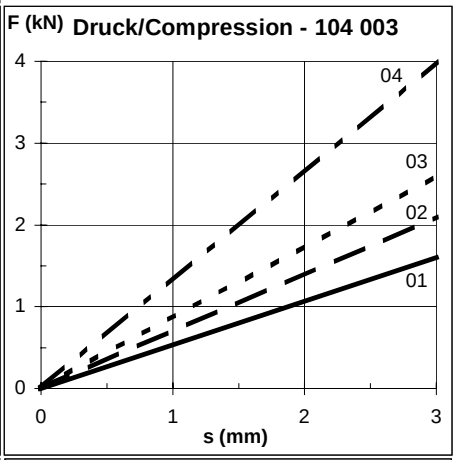


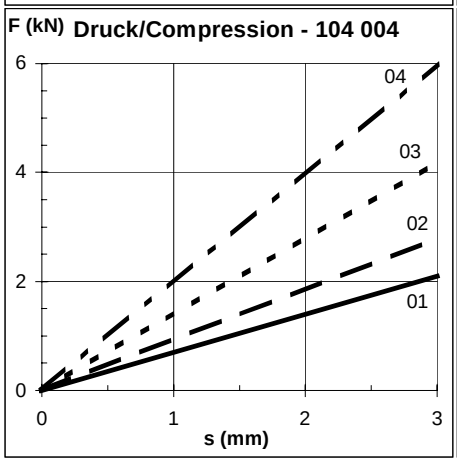


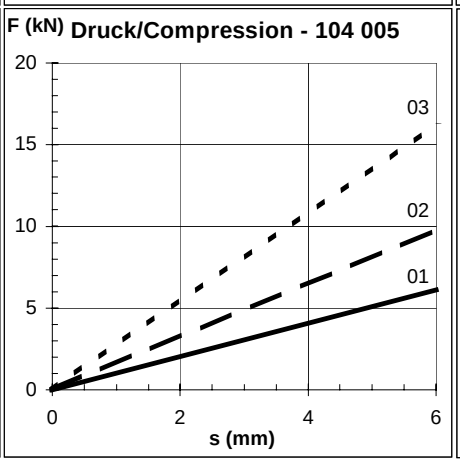


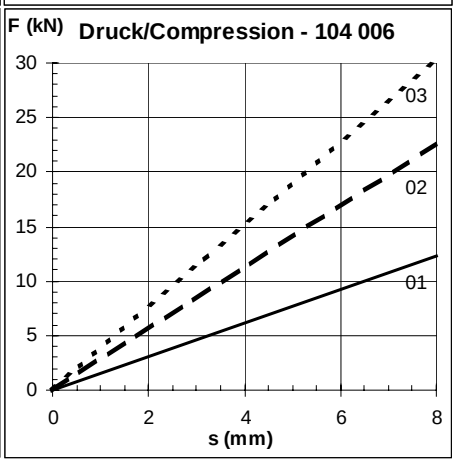












There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

GMT Machine feet, height-adjustable

• Description of parts and functions:

The height-adjustable GMT machine feet facilitate the bearing of machinery and they offer the following advantages :

- with/without floor mounting (optional)
- height-adjustable
- skid-proof
- vibration insulation
- shock-absorbing
- structure-borne noise insulation
- easy assembly
- 7 sizes
- loads of up to 6500 kg

• Dimensions/Assembly :

Item number	Dimensions [mm]									Adjust.
	D	d	H	h	L	l	B	b	Fine thread G	range [mm]
110001	30	18	15	-	-	-	-	-	M 6x0,5	3-4
110002	50	36	21	-	-	-	-	-	M 10X1,0	4-5
110003	75	52	25	29	100	65	60	8	M 12x1,5	5-6
110004	100	72	35	43	160	140	75	12	M 16x1,5	6-8
110005	150	115	45	53	220	190	120	14	M 20x1,5	7-10
110006	200	160	45	55	290	215	160	18	M 20x1,5	8-12
110007	250	202	50	65	340	265	200	18	M 24x1,5	8-12

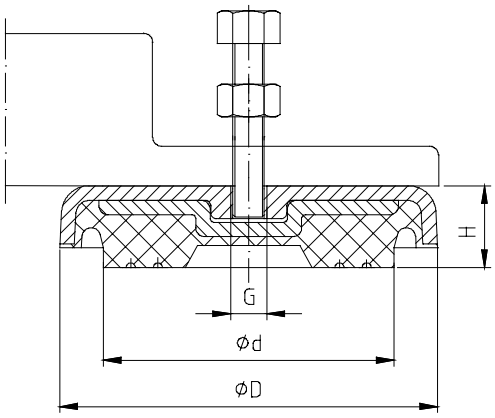


Figure 1

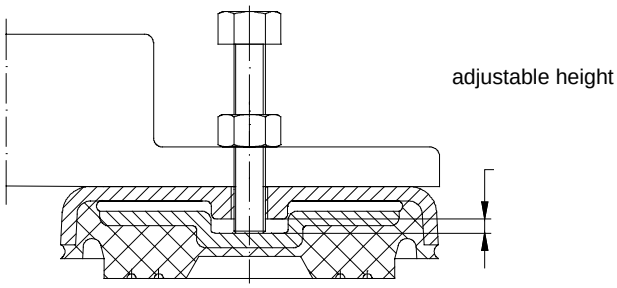
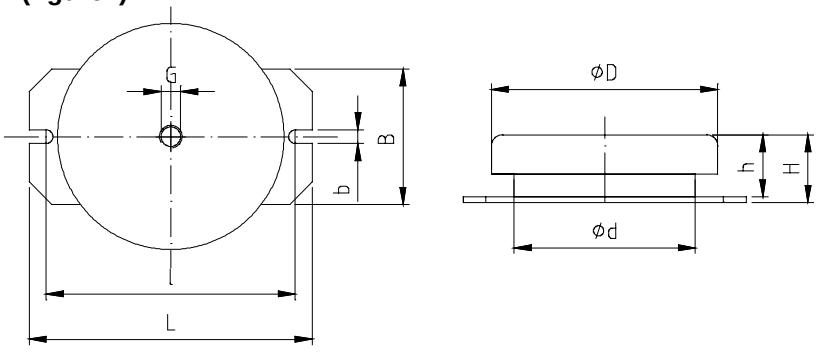


Figure 2

For using :

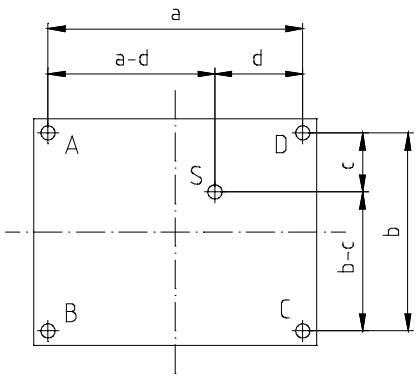
- For assembly, raise the locknut and screw in the adjusting screw to bring it into a bearing position **(figure1)**.
- You can adjust the level by raising the adjusting screw on the machine side that is too low. Fasten the locknut **(figure2)**.



Special design with mounting plate

Figure 3

An uneven load distribution can impair the effectiveness of the bases. In such a case, the individual loads will have to be calculated.



Total weight m=A+B+C+D [kg]
a, b, c, d [mm]; centre of gravity S
Bearing-load distribution [kg]:

$$A = m \frac{(b-c)\,d}{a\,b} \qquad B = m \frac{c\,d}{a\,b}$$

$$C = m \frac{(a-d)\,c}{a\,b} \qquad D = m \frac{(b-c)\,(a-d)}{a\,b}$$

- **<u>Load diagram/spring characteristics :</u>**

Load diagram (in kg per base)

for GMT machine feet, in order to determine the proper elements:

Item number	Shore-A	Surface grinders and lathes [kg]	Milling machines [kg]	Cylindrical grinding machines [kg]	General machinery max. [kg]	stat.+dyn. max. [kg]
11000301	55	63	95	126	190	250
11000302	70	83	125	160	250	335
11000303	80	157	250	335	500	670
11000401	55	90	135	180	270	360
11000402	70	130	200	260	400	530
11000403	80	250	375	500	700	900
11000501	55	180	270	360	540	720
11000502	70	220	330	440	660	880
11000503	80	400	600	800	1200	1600
11000601	55	500	800	1000	1600	2200
11000602	70	800	1200	1700	2500	3500
11000603	80	1700	2400	3000	4700	6000
11000701	55	900	1300	1750	2700	3700
11000702	70	1200	1800	2500	3800	4800
11000703	80	2300	3200	4200	6500	7200

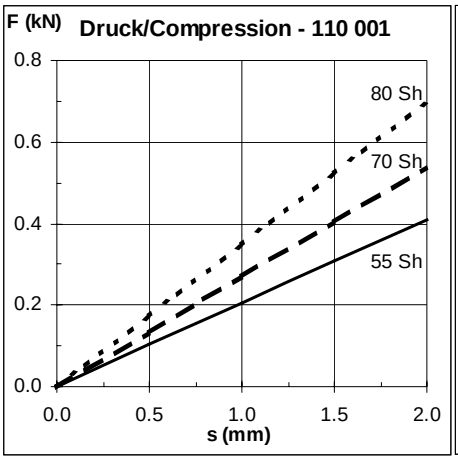
Overloads often lead to a «soft» setup of the machine. The loads mentioned here, according to our engineers, are the best parameters to be chosen with as much stability as possible while maintaining good vibration insulation and shock-absorption.

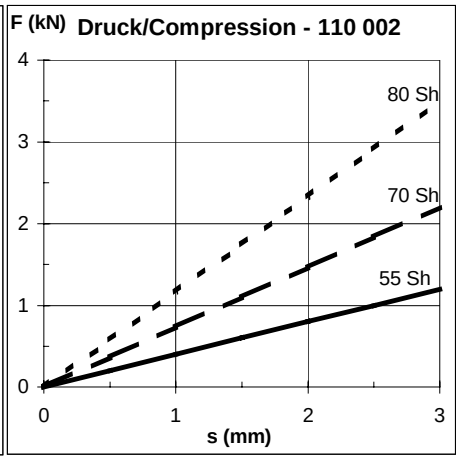
Underloads lead to a «hard» setup of the machine, only little utilization of the elasticity, and may result in the machine skidding.

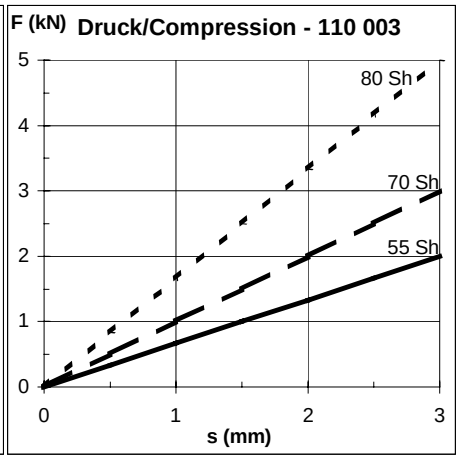
Structure-borne noise insulation is at all times guaranteed because of the reflection and transformation of acoustic vibrations. The noise reduction becomes especially apparent in neighbouring rooms.

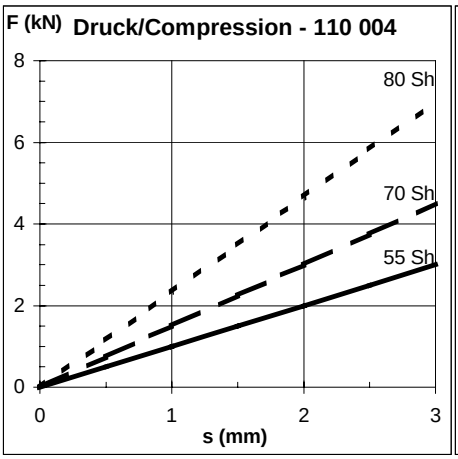
Please note :
Larger machine feet have a softer reaction with less damping; they are used for better insulation.
Smaller stabilizers have a harder reaction with higher damping; they are used for less insulation.

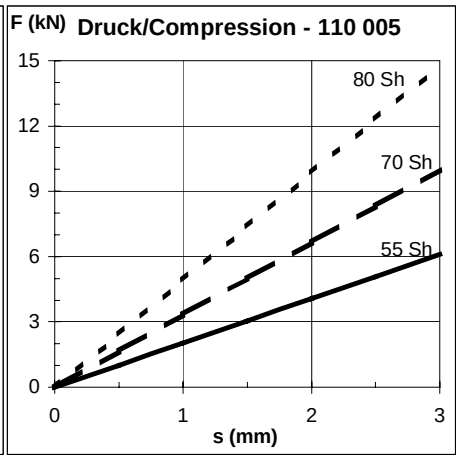
- **Spring characteristics:**

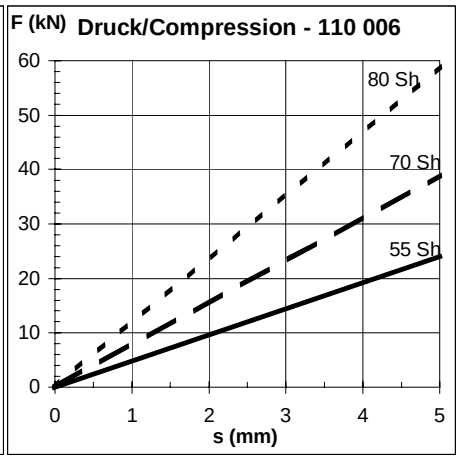


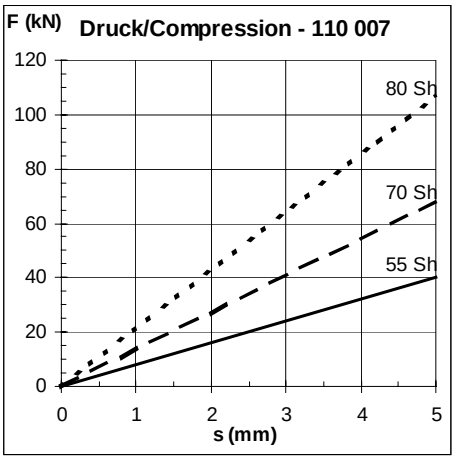












There is a possible deviation of approx.+/-20% in the above values due to production and hardness tolerances

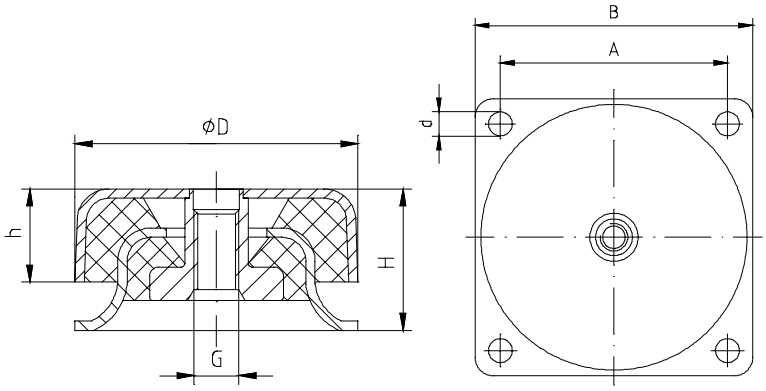
• Description of parts and functions:

GMT IS-elements are used for bedding of equipment and aggregates as well as for stationary applications. The positive structure makes these elements tear-proof. The elastomer is age- and oil-resistant and is not attached to the metal parts by vulcanisation. Highly damping elastomers may also be used. The nearly identical allround elasticity is a further advantage for the application as vibration-insulating element or shock absorber.
- Standard elastomer : -25°C to + 80°C;
- Hi-damp elastomer : -50°C to +180°C;
- optionally 40, 50,60 or 70 Sh-A

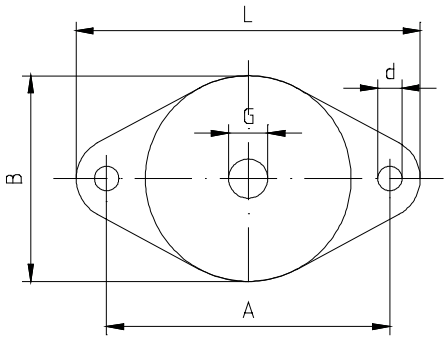
• Dimensions:

Item Number	Shape	A [mm]	B [mm]	L [mm]	D [mm]	d [mm]	G metrisch	G UNC	t [mm]	H [mm]	h [mm]
151001	□	49,5	60	-	58	5,2	M 6		20	28	18
151002								1/4-20			
151003	□	61	77	-	58	9	M 8		20	28	18
151004								5/16-18			
151005	□	63,5	76	-	76	6,4	M 10		30	38	25
151006								3/8-16			
151007	□	74	90	-	76	9	M 12		30	38	25
151008								1/2-13			
151009	□	108	133	-	124	11,9	M 16		19	63	38
151010								5/8-18			
151011	□	143	175	-	168	13,5	M 16		65	90	59
151012								5/8-11			
151013	⬭	86	70	106	58	9	M 8		20	28	18
151014								5/16-18			

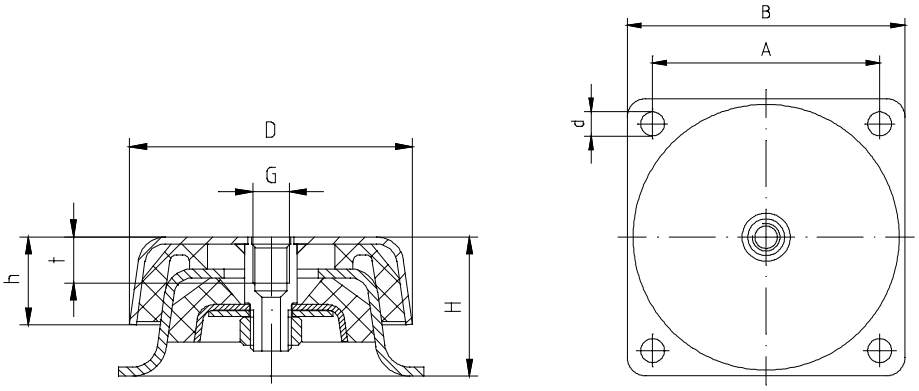
151 001 – 151 008



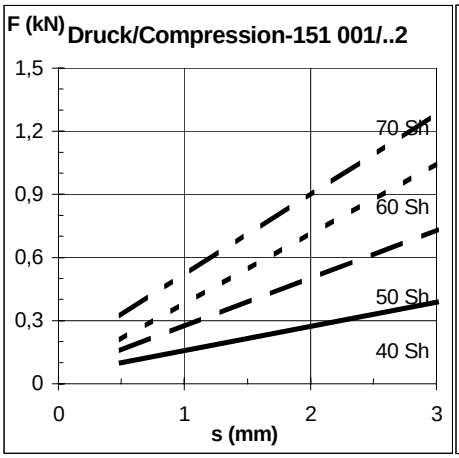
151 013/ 151 014

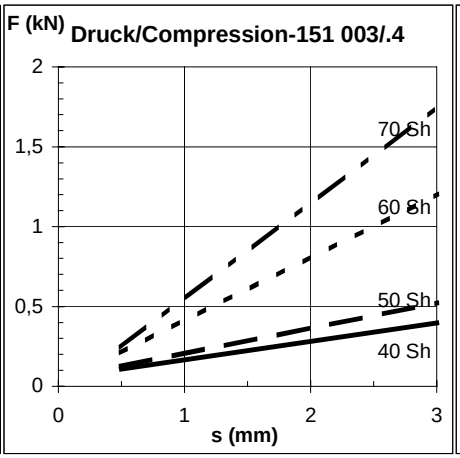


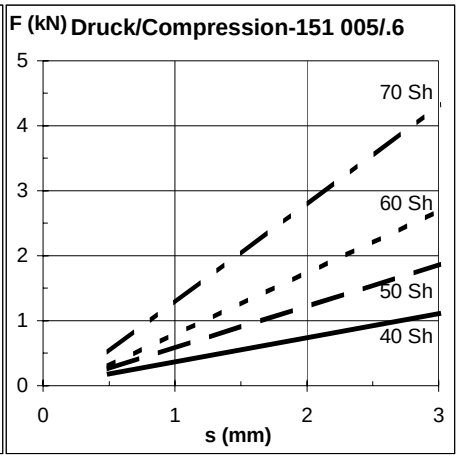
151 009 – 151 012

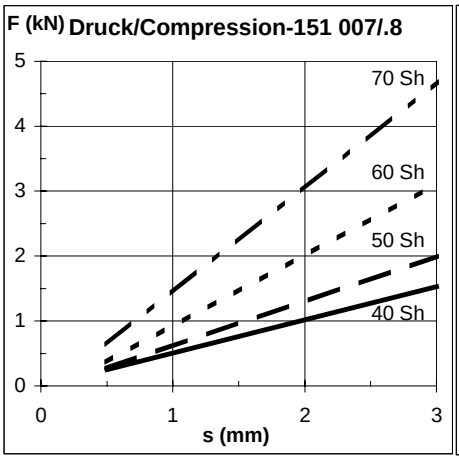


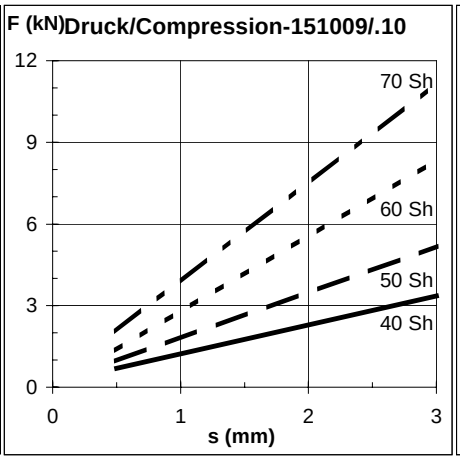
- **Spring characteristics:**

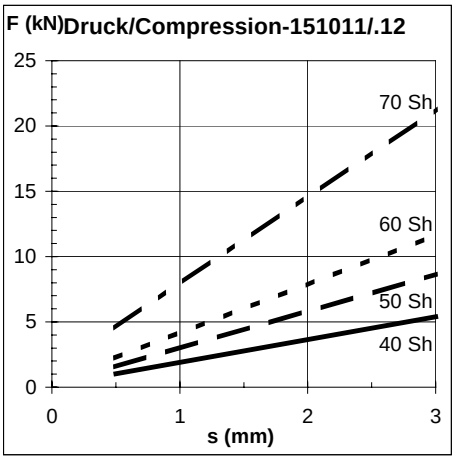


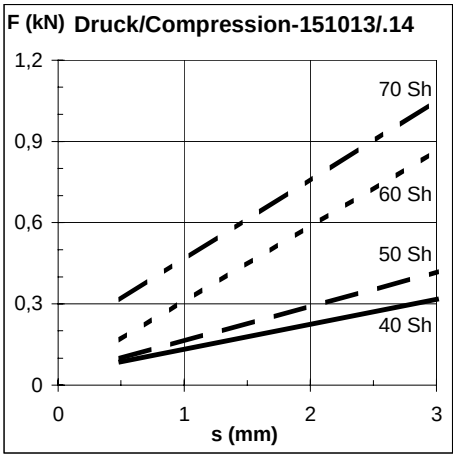












There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

- **Description of parts and functions:**

Type *TRIFLEX 1*

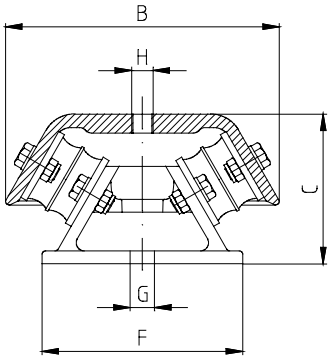
The GMT-TRIFLEX 1 bearing was developed for the vibration insulation of medium to heavy-duty machinery and for the protection of precision machinery as well as electronic installations from vibration. The special design of the bearing provides for different degrees of stiffness in the three main axis. TRIFLEX 1 has been designed for loads from 300 kg to 1,900 kg per bearing, and it stands out for its high spring deflection, carrying power and long life span.
The sturdy cover protects the interchangeable vibrating rubber bodies from oil and damage.

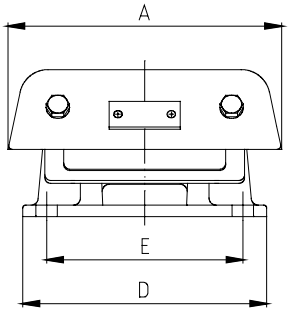
- **Dimensions:**

Item number	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H	Weight [kg]
719 002 N	230	204	110	205	165	148	18	M16	9.5
719 004 H	230	204	125	205	165	148	18	M16	9.5

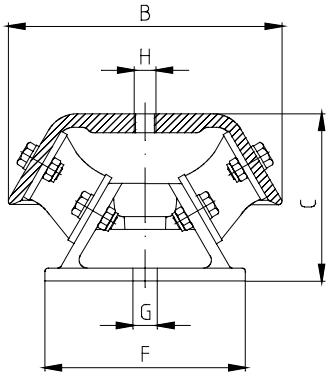
- N – normal spring deflection
- H – high spring deflection

719002





719004



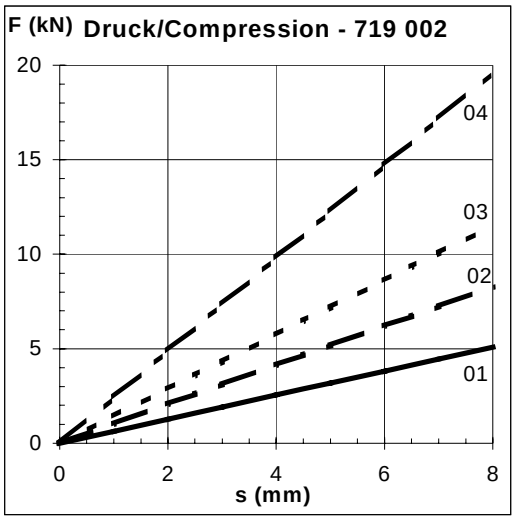
- **Spring characteristics:**

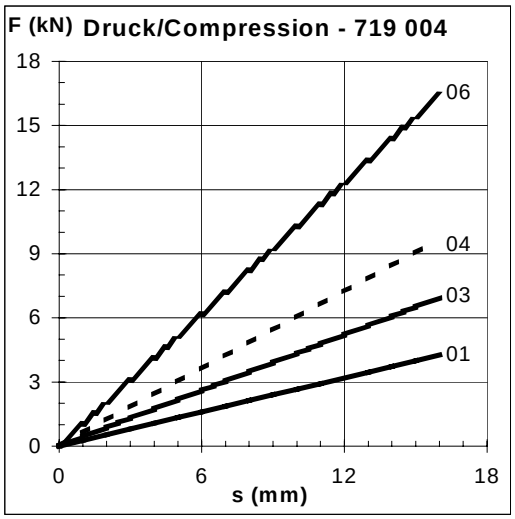
- ***TRIFLEX 1 N***

TRIFLEX 1 N (normal spring deflection) allows for a deflection of up to 8 mm. For machines of 500 rpm an insulation of 70 % can be achieved. At 1,500 rpm an insulation of up to 95% is reached (diagram 1).

- ***TRIFLEX 1 H***

TRIFLEX 1 H (high spring deflection) allows for a deflection of up to 16 mm. At 500 rpm an insulation of 70% can be reached. By way of a double arrangement of the TRIFLEX 1 bearings a deflection of 25 mm is achieved and machines with less than 500 rpm can, thus, be successfully insulated (diagram 2).





There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

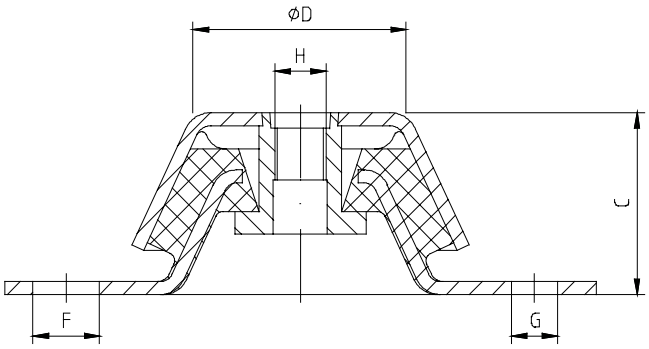
- **Description of parts and functions:**

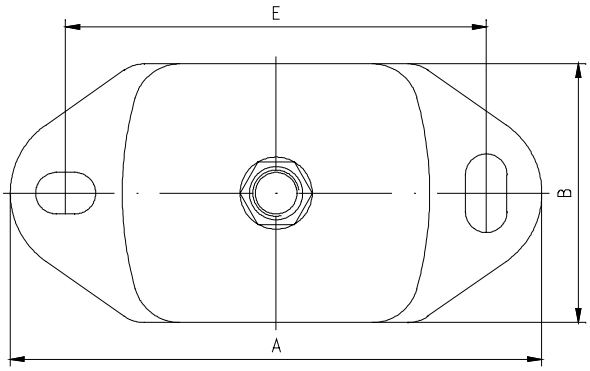
Type *TRIFLEX 2*

The GMT-TRIFLEX 2 bearing was developed for the insulation of static and mobile machines and engines.
The compact bearing is easy to install and allows to control vibrations in three directions. The special design of TRIFLEX 2 guarantees different degrees of stiffness in the three main axis, high spring deflection, carrying power and a long-lasting bearing.
The bearing has been designed for loads from 10 kg to 720 kg per bearing and allows for a spring deflection of up to 6 mm. The TRIFLEX 2 bearings are available in three sizes, and each size comes with different degrees of hardness for the rubber.

- **Dimensions:**

Item number	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H	Weight [kg]
100 020	120	60	40	60	100	11 x 14	11 x 14	M12	0.35
100 021	183	75	50	75	140	20 x 13	13 x 30	M16	0.88
100 022	230	112	70	80	182	26 x 18	18 x 34	M20	2.4



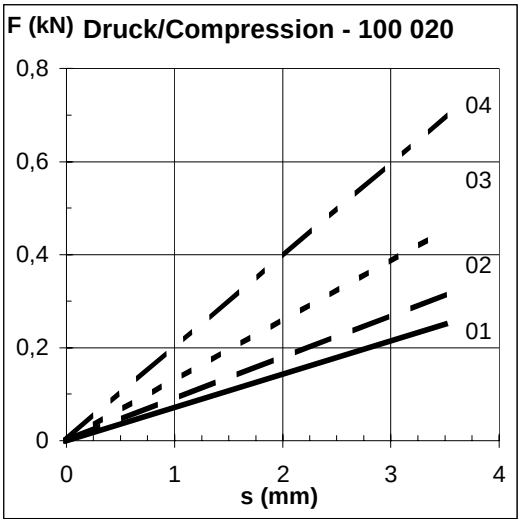


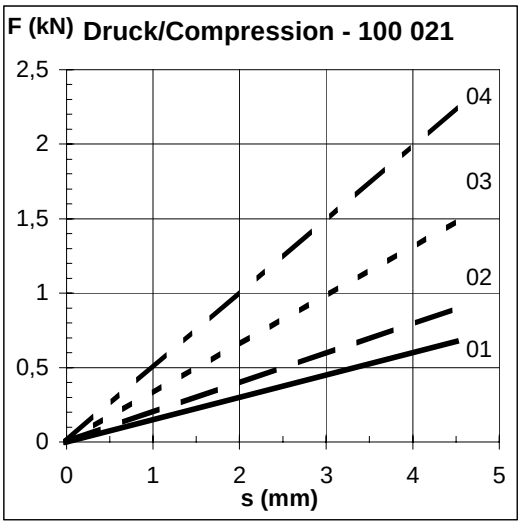
- **Spring characteristics:**

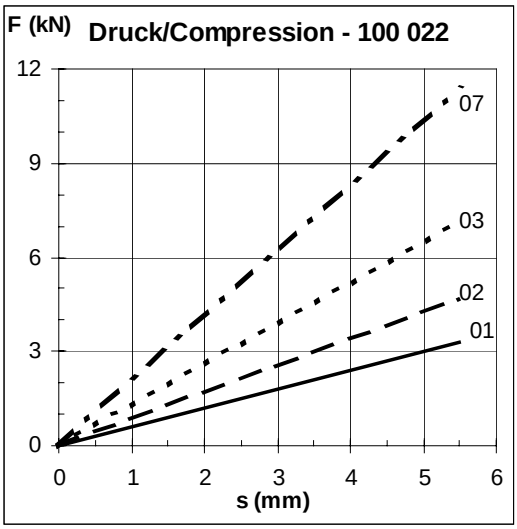
The diagrams show the actual deflection during static loads for each TRIFLEX 2. The end points of the lines are the maximum values of static loads and deflection.

TRIFLEX 2 has been fitted with spring stops in order to avoid any excessive movement during thrust loads.
Upon request, the bearings can be made height-adjustable.

All information provide here serves to give you a general understanding of our product line. If you want to know more about specific applications, please contact us, and we will send you additional technical information.







There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

• Description of parts and functions:

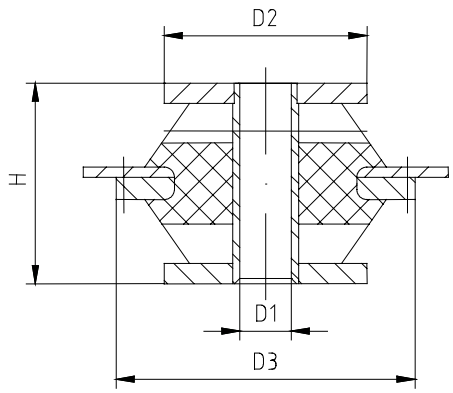
GMT-MF elements are used for the bedding and structure-borne noise insulation of equipment and aggregates in mobile or stationary applications, for example in vehicles, ships or airplanes. Thanks to their form-fitting design they are tear-proof. The elastomer and metal parts are not bonded.
The MF elements can withstand any load resulting from pressure, tension or thrust. However, their polydirectional elasticity also allows for a combination of loads. Their vibration-insulating and shock-absorbing properties are effective in a temperature range from **– 25°C to + 80°C** when a standard elastomer is used; with a highly damping elastomer that range would even be **– 50°C to + 180°C**.

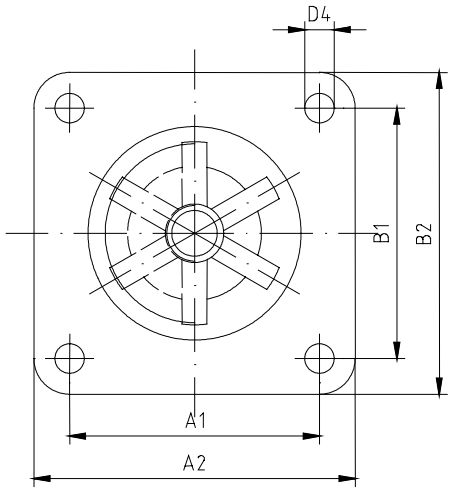
Standard material: -zinc-coated metal parts
-age and oil-resistant elastomer

• Dimensions:

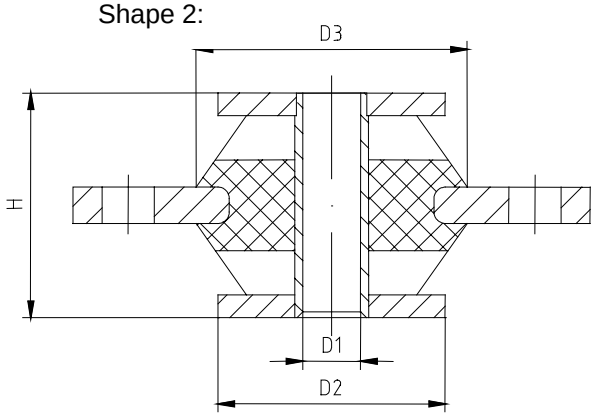
Item Number	a1 [mm]	a2 [mm]	b1 [mm]	b2 [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	h [mm]	Shape	Diagram
155003	28	36	28	36	5,1	20	29	3,3	19,8		1
155004	28	36	28	36	M5	20	29	3,3	19,8		1
155005	35,8	45,5	-	28,8	5,1	20	-	4,6	19,8		1
155006	35,8	45,5	-	28,8	M5	20	-	4,6	19,8		1
155007	35,8	45,5	-	28,8	5,1	20	-	4,6	19,8		1
155008	35,8	45,5	-	28,8	M4	20	-	4,6	19,8		1
155011	35	44,8	35	44,8	6,6	34,6	38	4,3	26		2
155012	35	44,8	35	44,8	M8	34,6	38	4,3	26		2
155013	35	44,8	35	44,8	6,6	29	38	4,3	26		2
155014	35	44,8	35	44,8	M8	29	38	4,3	26		2
155018	35	44,8	35	44,8	6,6	29	38	4,8	26		2

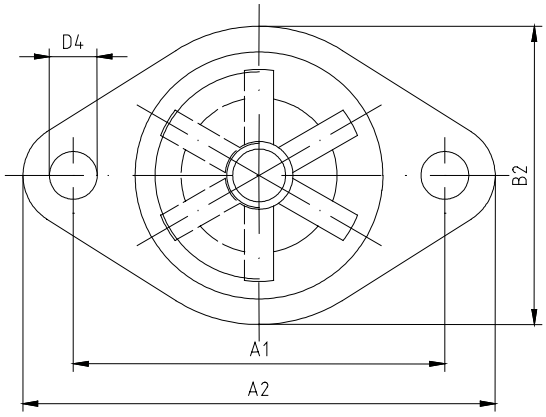
Shape 1:





Shape 2:





- **Spring characteristics:**

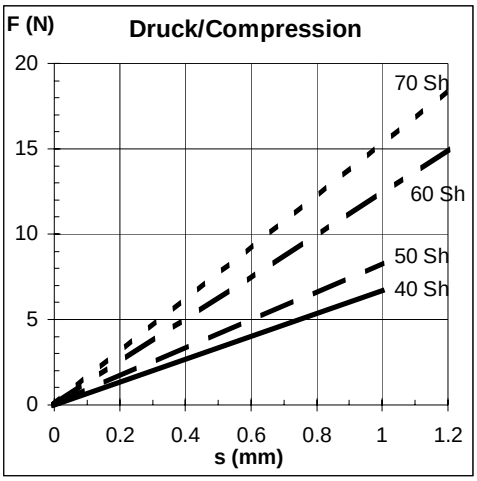


Diagram 1

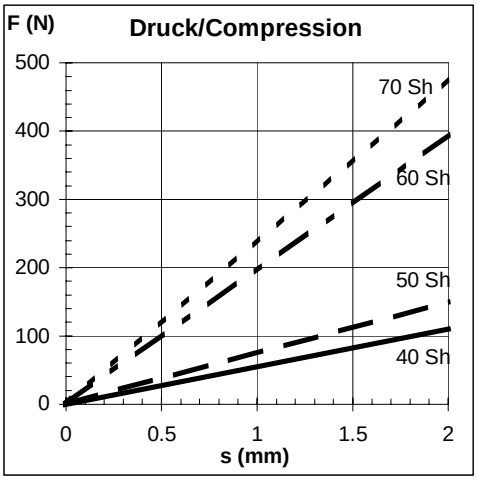


Diagram 2

There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

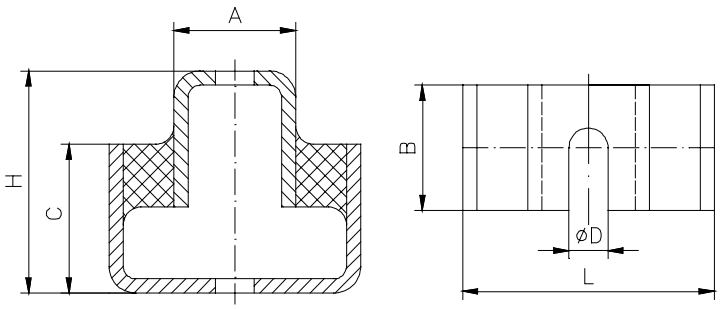
• Description of parts and functions:

GMT-U-bearings lend themselves ideally to the task of vibration and sound insulation for sensitive equipment or electronic devices because of their potentially considerable rate of spring excursion. Smaller machines, installations, compressors or jolters can also be fitted with U-bearings.

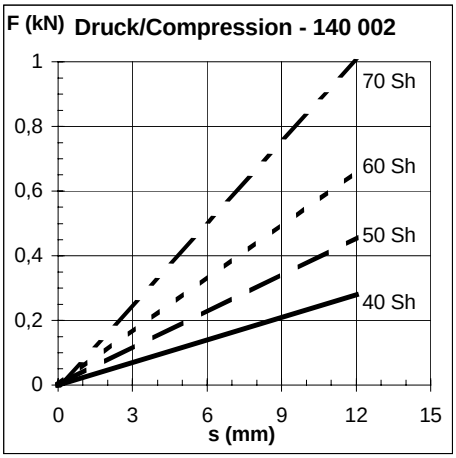
Elastomer:
- Natural rubber
- alternatively oil-resistant perbunan rubber
- either 40, 50, 60 or 70 Sh-A

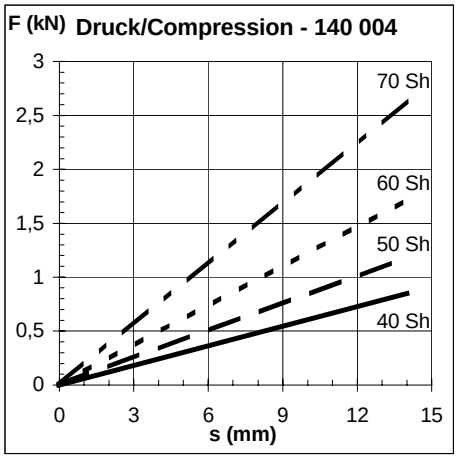
• Dimensions:

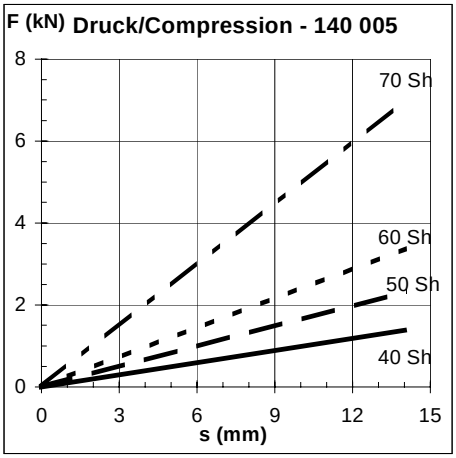
Item number	B [mm]	H [mm]	L [mm]	A [mm]	C [mm]	D [mm]
140002	25	62	71	34.4	41.5	11
140004	50	78	79	42.5	56	13.5
140005	65	108	87	48.4	83	17.5
140006	80	130	100	60	100	17.5

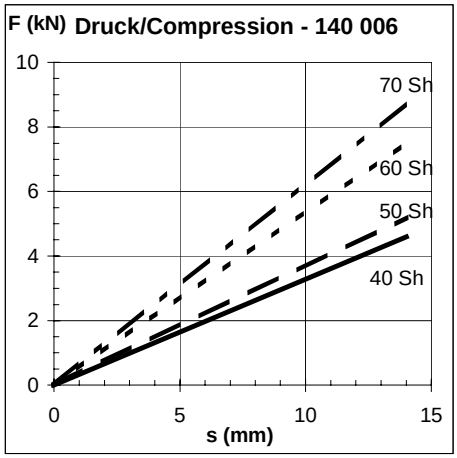


• Spring characteristics:









There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

GMT – Air springs

• Description of parts and functions:

GMT air springs provide for a low-frequency elastic set-up of machinery, aggregates, conveyors, vibration generators, and high-speed presses thanks to their **vibration insulation, shock absorption, and structure-borne noise insulation**.

• Technical data:

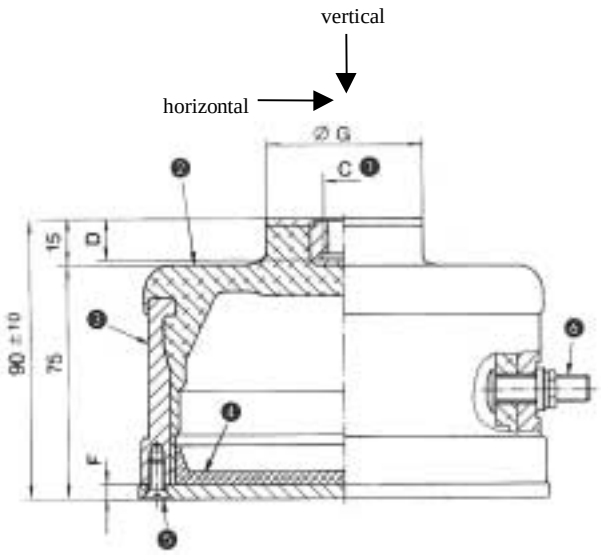
- natural frequency, depending on load, about 3-5 Hz
- assembly by way of screw connection at the base of the part on bearings
- levelling by way of compressed air +/- 10mm of installed height through a standard tire valve

• Dimensions:

Item number	A [mm]	B [mm]	C Thread	D [mm]	E [mm]	F [mm]	G [mm]	Weight [kg]
106001	130	108	M 12	12	7	5	50	2.4
106002	255	215	M 16	16	14	6	125	9.8
106003	470	406	M24 x 1,5	24	20	8	300	37.5
106005	170	150	M12	12	7	6	90	4.6
106006	330	280	M16	16	14	8	216	18.8

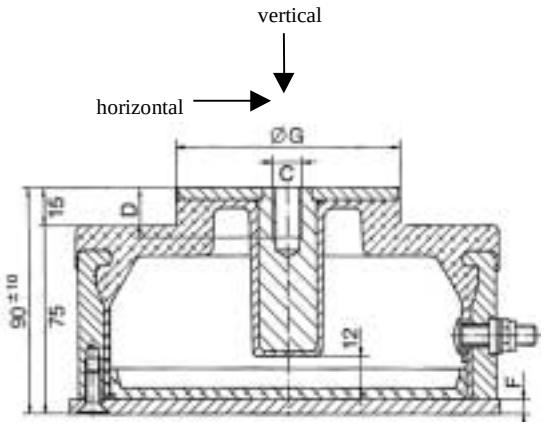
• Standard design:

Item no.: 106001, 106002, 106003



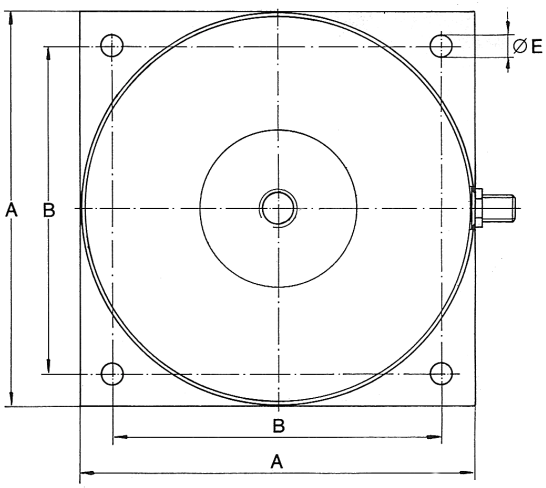
• Special design: with central auxiliary support to facilitate assembly

Item no.: 106005, 106006



• Construction:

❶ – Fastening thread
❷ – Elastomer vulcanized
❸ – Metal pipe, compression-proof
❹ – Bottom seal, interior
❺ – Fastening plate, screwed down
❻ – Compressed-air valve, removeable

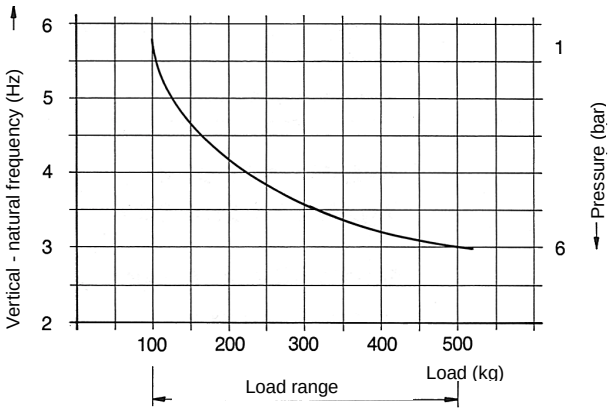


- **Anti-corrosive coating:** - zinc-coated metal parts, yellow-chromized, or painted bronze

- **Safety tips:**
  - for safety reasons: depressurized assembly
  - inflate only after static load
  - do not exceed maximum height of 100mm
  - air springs are compression-proof up to a maximum of 6 bar

• Spring characteristics:

Natural frequency/ load diagram



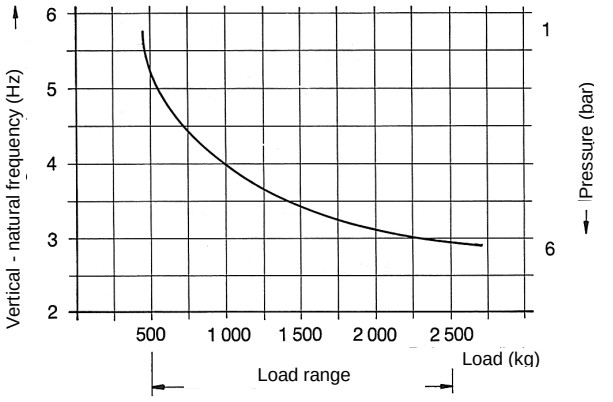
Item no.: 106005

Vertical load:
minimum (recommended): 100 kg
maximum allowance: 500 kg

Stiffness [N/mm]:

vertical	horizontal	Pressure
-	~200	0 bar
130		1 bar
150		3 bar
180		6 bar

Natural frequency/ load diagram



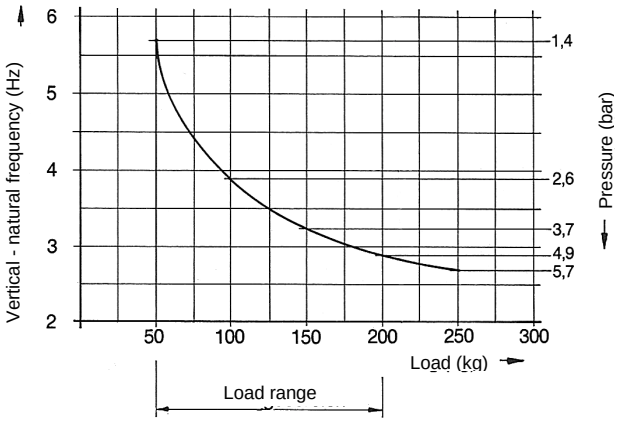
Item no.: 106006

Vertical load:
minimum (recommended): 500 kg
maximum allowance: 2500 kg

Stiffness [N/mm]:

vertical	horizontal	Pressure
-	~900	0 bar
580		~1 bar
680		3 bar
830		6 bar

Natural frequency/ load diagram



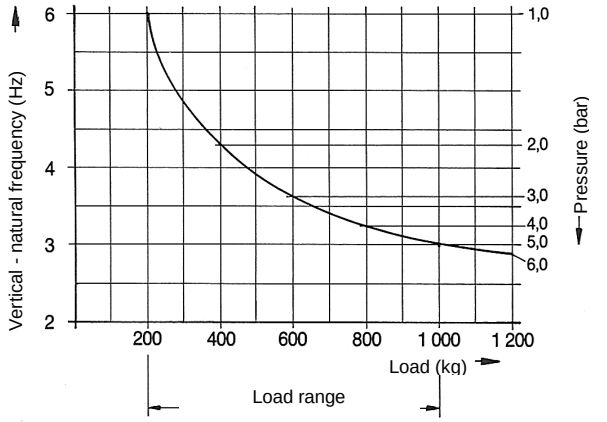
Item no.: 106001

Vertical load:
minimum (recommended): 50 kg
maximum allowance: 200 kg

Stiffness [N/mm]:

vertical	horizontal	Pressure
-	90	0 bar
50		1,4 bar
60		2,6 bar
70		5,7 bar

Natural frequency/ load diagram



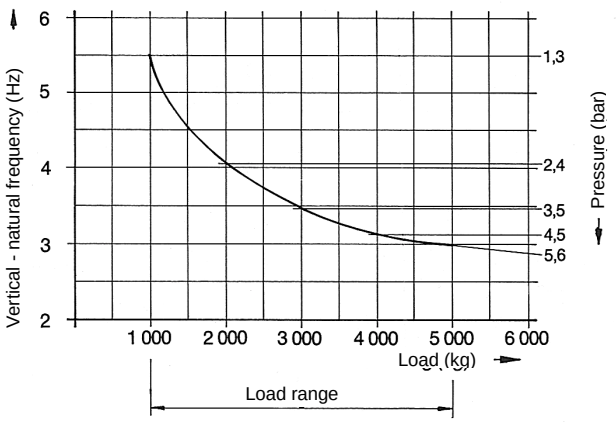
Item no.: 106002

Vertical load:
minimum (recommended): 200 kg
maximum allowance: 1000 kg

Stiffness [N/mm]:

vertical	horizontal	Pressure
-	~425	0 bar
290		1,1 bar
310		3,1 bar
400		6 bar

Natural frequency/ load diagram



Item no.: 106003

Vertical load:
minimum (recommended): 1000 kg
maximum allowance: 5000 kg

Stiffness [N/mm]:

vertical	horizontal	Pressure
-	2000	0 bar
1200		1,3 bar
1420		3,5 bar
1800		5,6 bar

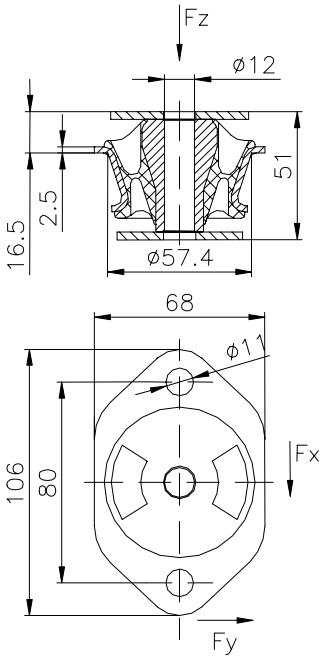
There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

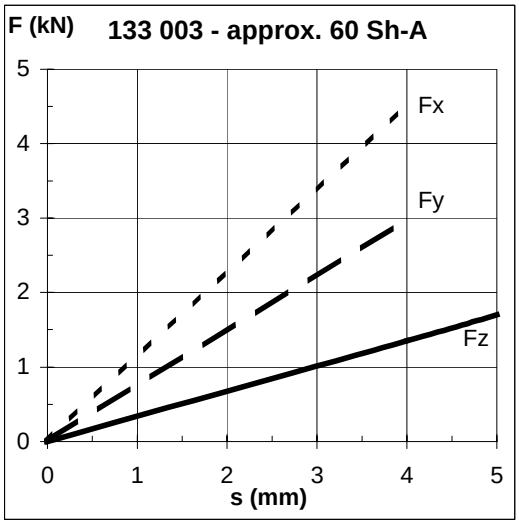
• Description of parts and functions:

GMT cone mountings are used, among other things, in body manufacturing for the bedding and suspension of the engine in the chassis frame. As vibration insulators and dampers, cone mountings allow for relatively considerable spring excursion and have a progressive characteristic curve. Buffers also help to absorb shock loads without causing irreparable damage to the part. If different degrees of stiffness are required in X and Y directions, use models with kidney-shaped recesses.

• Dimensions/spring characteristics :

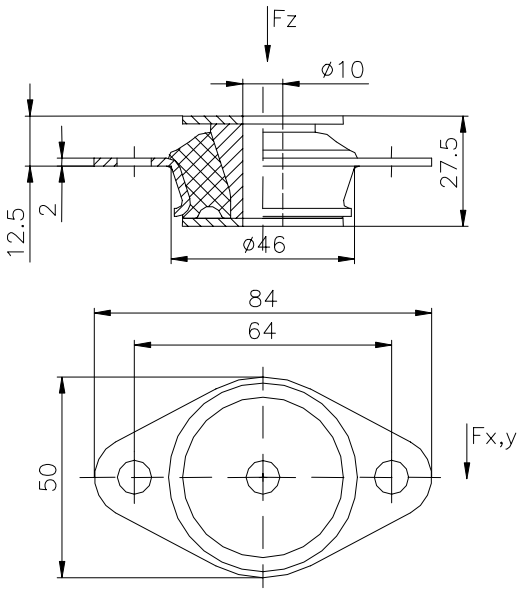
133 003

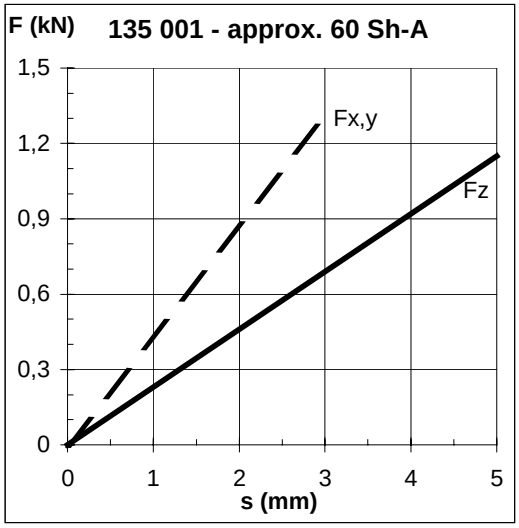




Maximum static permanent-load Fz
hard 1700N; medium 1100N; soft 600N

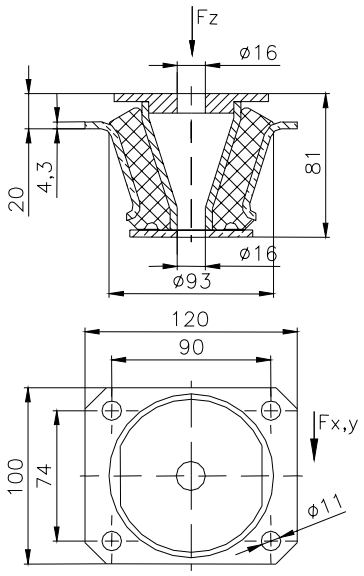
135 001

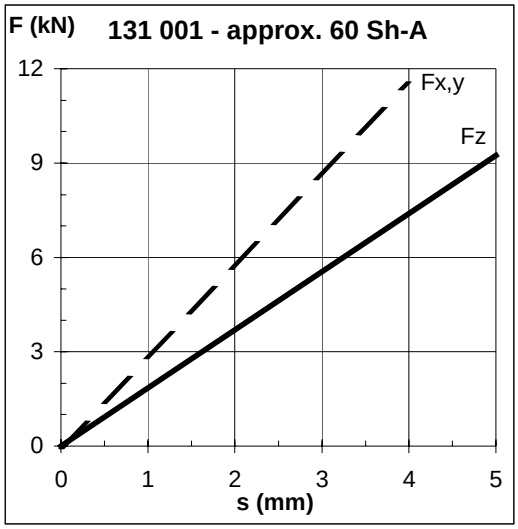




Maximum static permanent-load Fz
hard 1100N; medium 700N; soft 400N

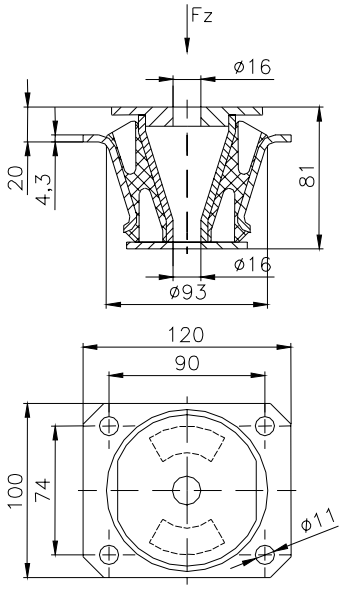
131 001

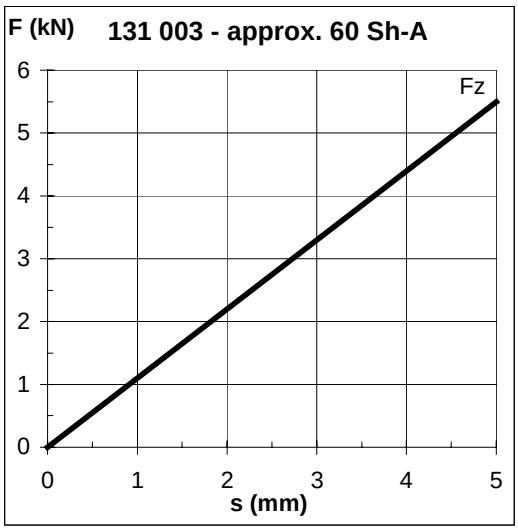




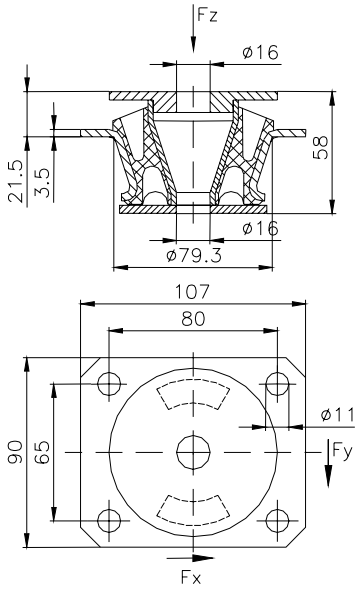
Maximum static permanent-load Fz
hard 9300N; medium 6000N; soft 3000N

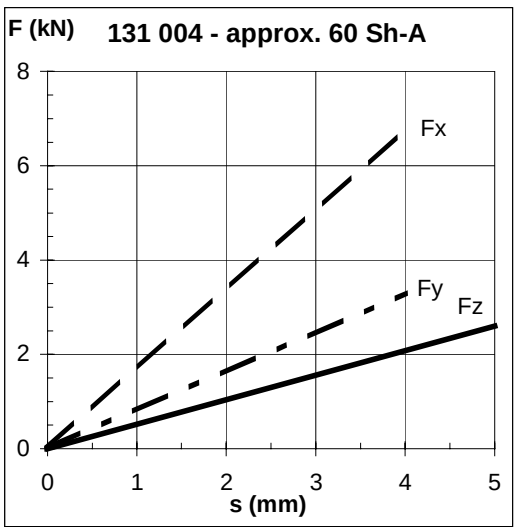
131 003





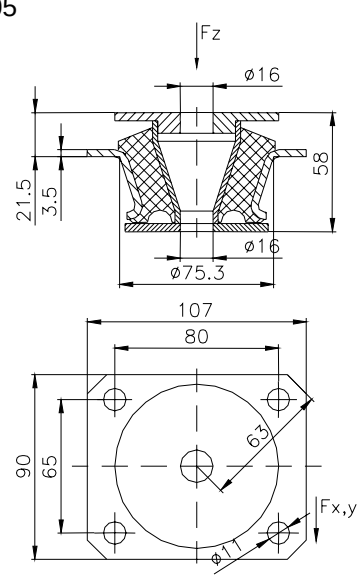
131 004

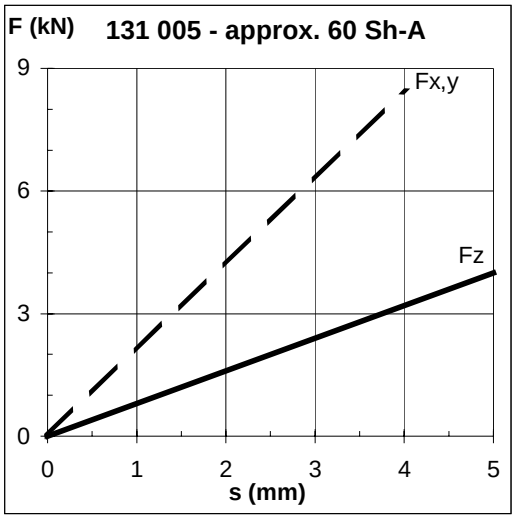




Maximum static permanent-load Fz
hard 3000N; medium 1800N; soft 1000N

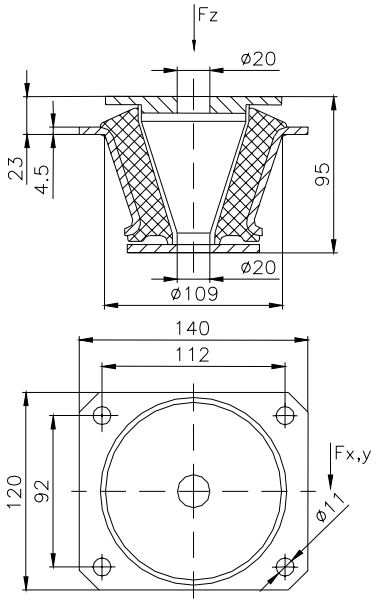
131 005

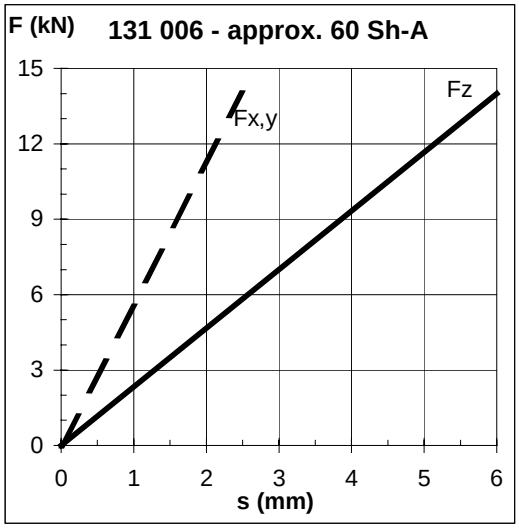




Maximum static permanent-load Fz
hard 4100N; medium 2800N; soft 1500N

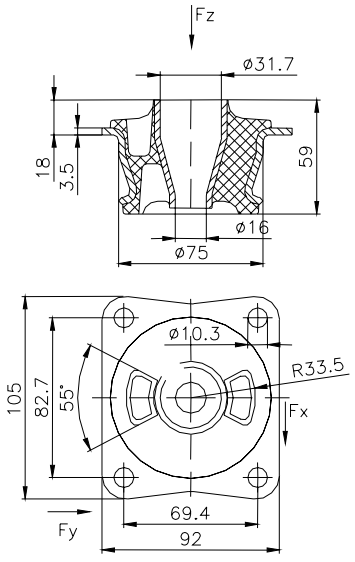
131 006

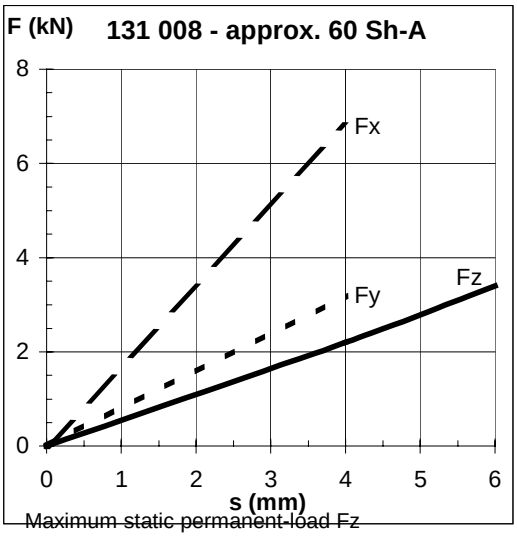




Maximum static permanent-load Fz
hard 16680N; medium 12000N; soft 6500N

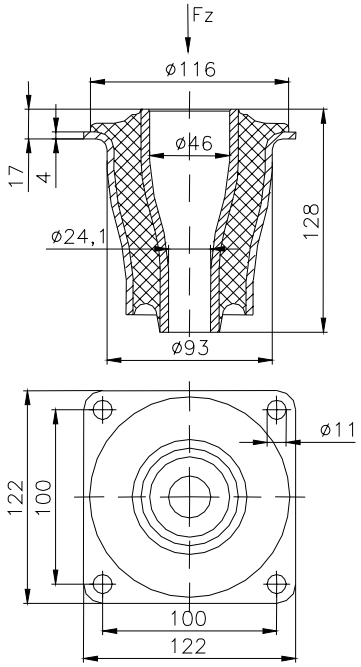
131 008

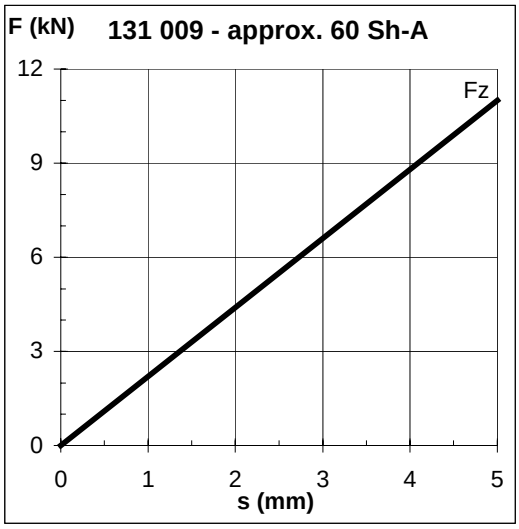




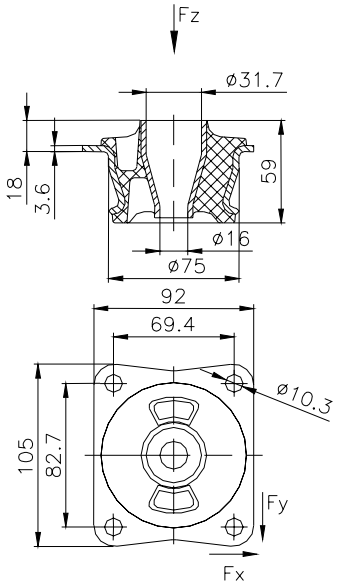
Maximum static permanent-load Fz
hard 3000N; medium 1800N; soft 1000N

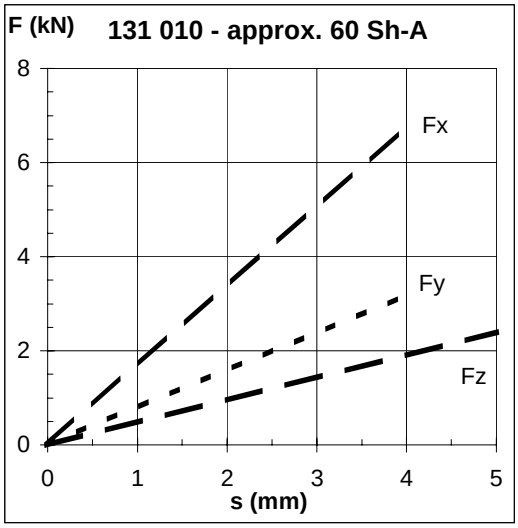
131 009



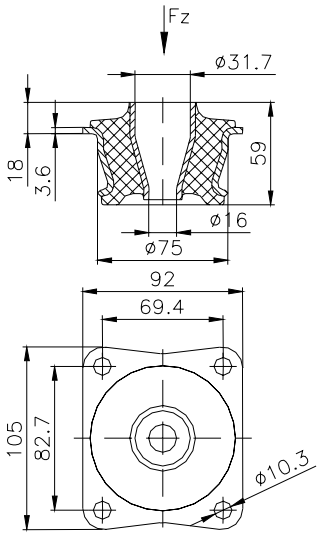


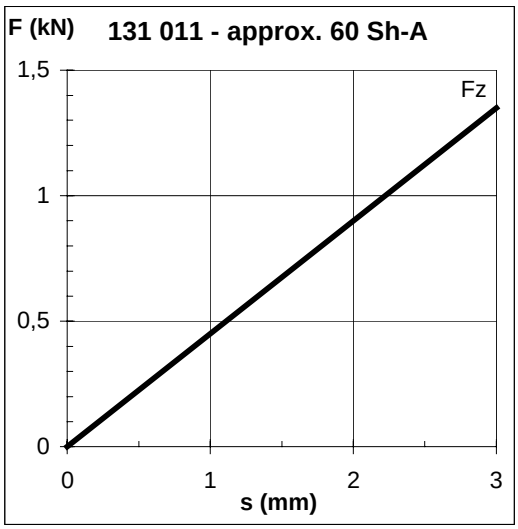
131 010



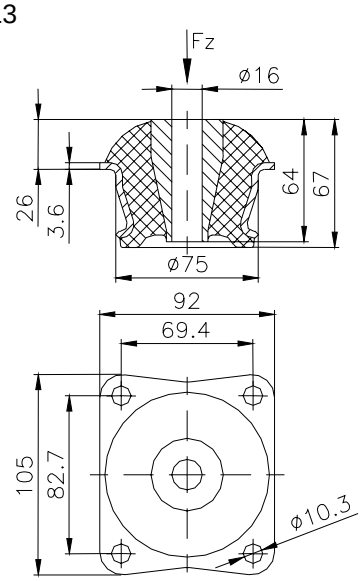


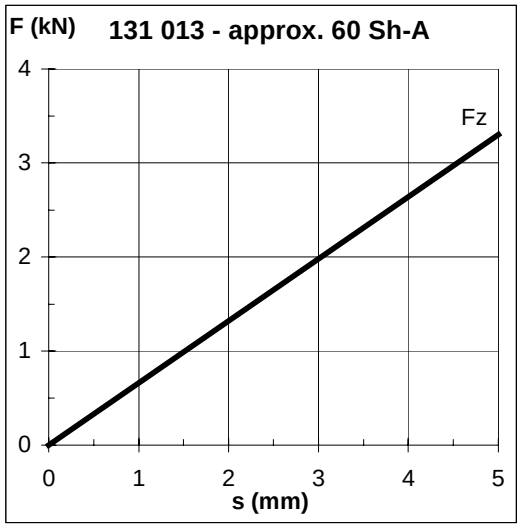
131 011



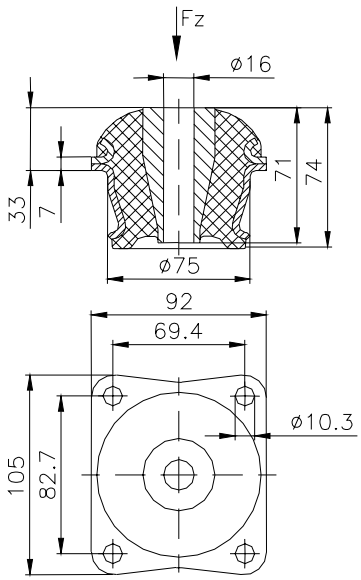


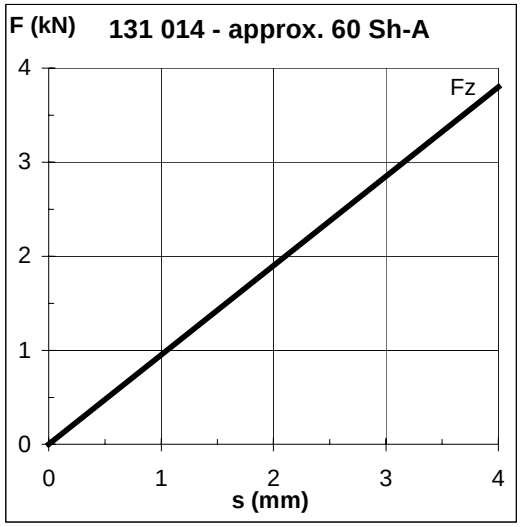
131 013



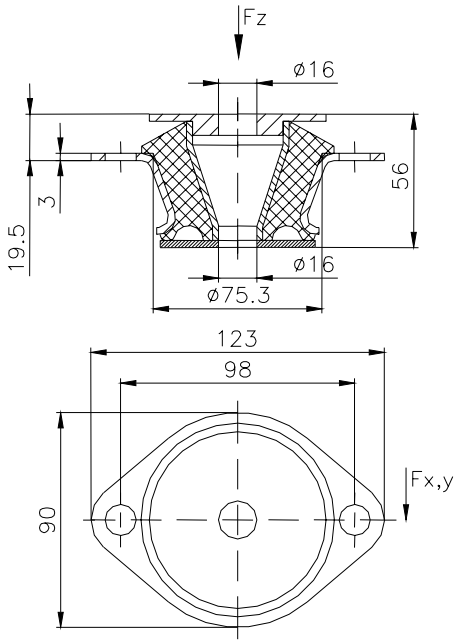


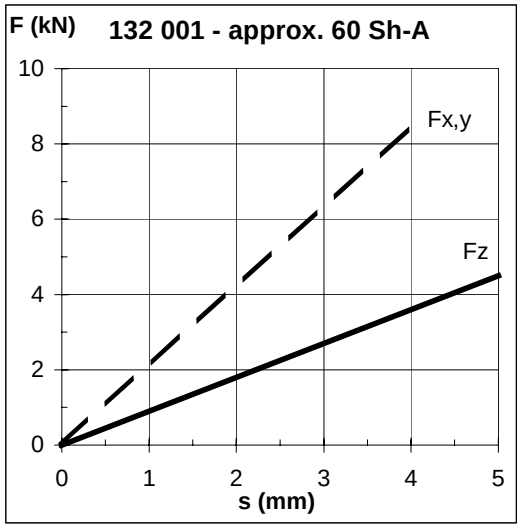
131 014



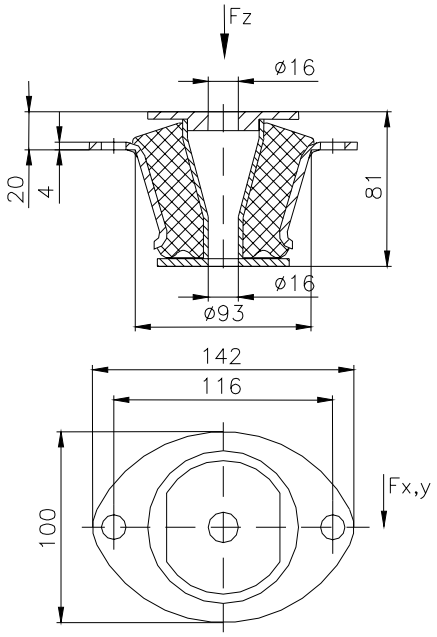


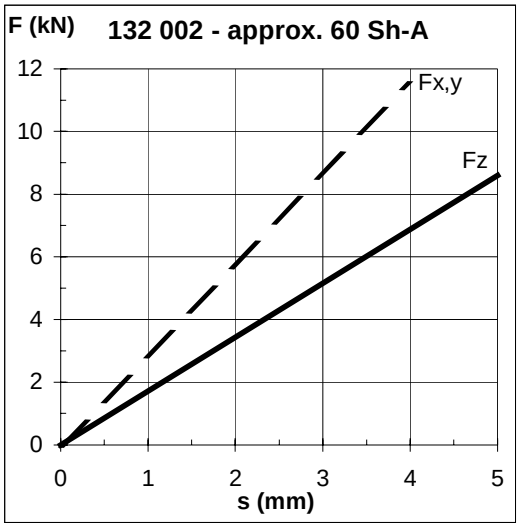
132 001





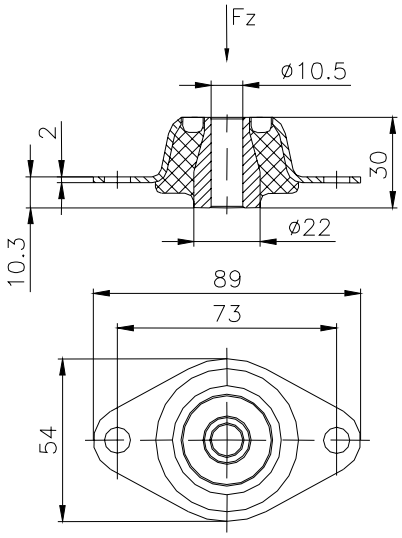
132 002

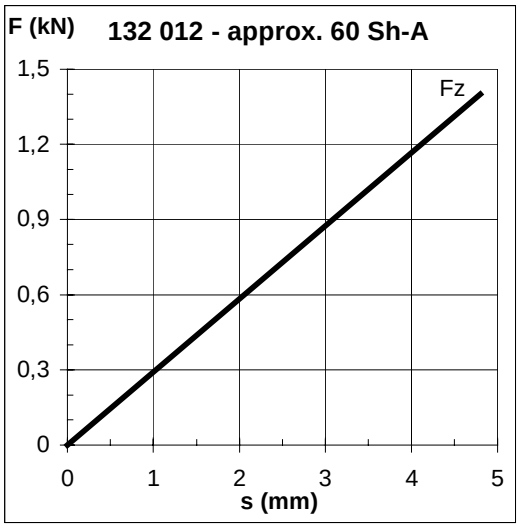




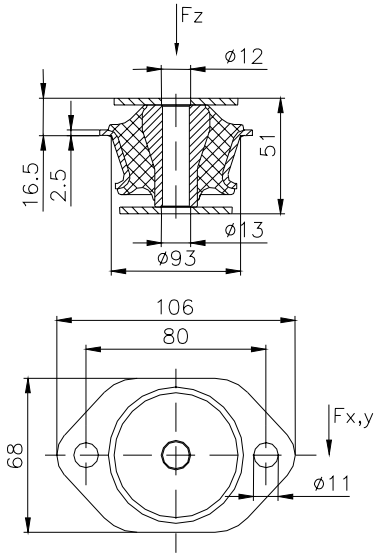
Maximum static permanent-load Fz
hard 9300N; medium 6000N; soft 3000N

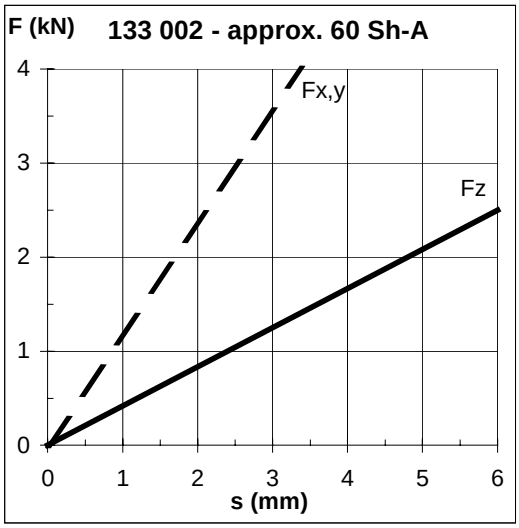
132 012





133 002

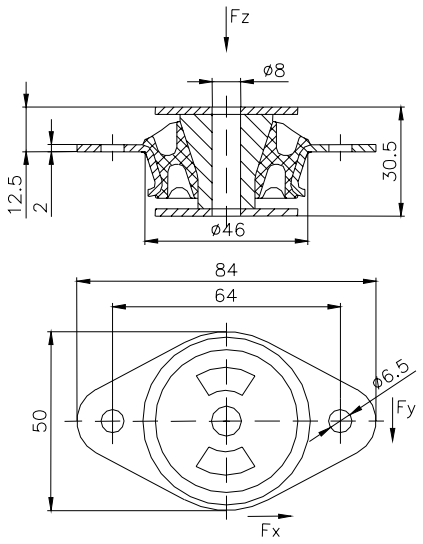


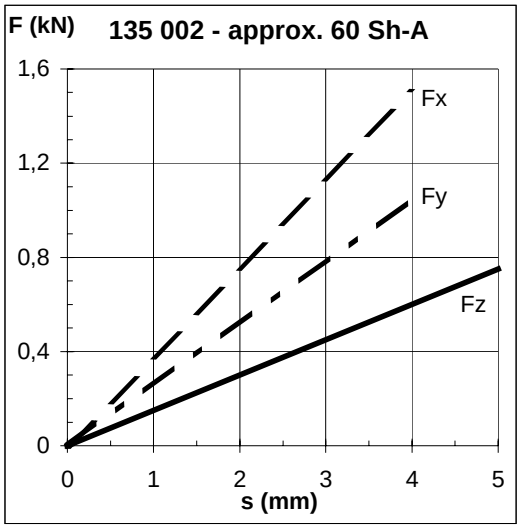


Maximum static permanent-load Fz
hard 2200N; medium 1400N; soft 800N

GMT – Cone mountings

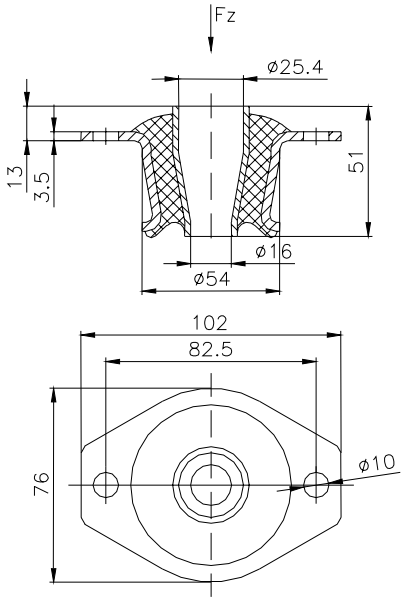
135 002

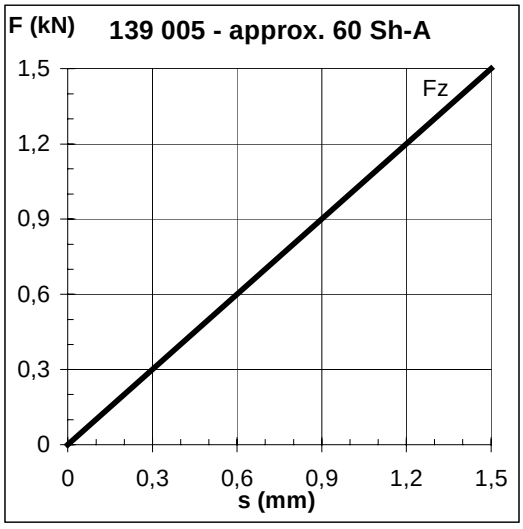




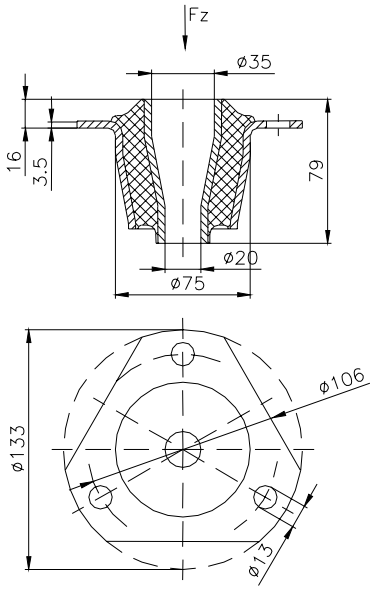
Maximum static permanent-load Fz
hard 750N; medium 500N; soft 250N

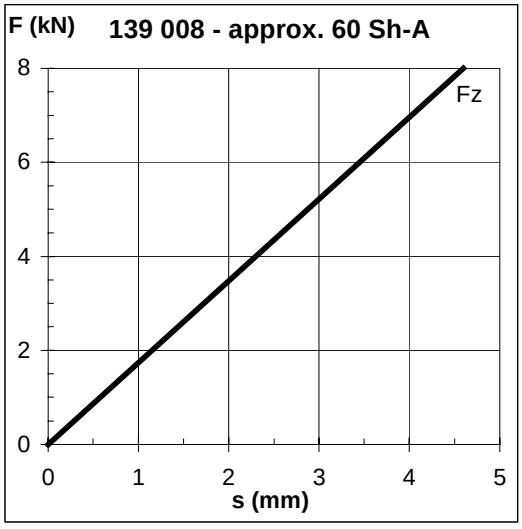
139 005





139 008





There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

• Description of parts and functions:

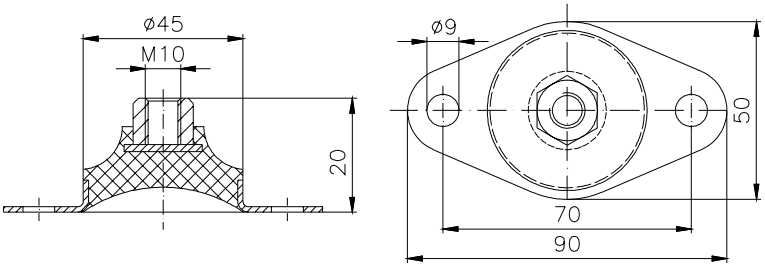
GMT cap elements are multi-directional buffers, characterized in particular by extremely long spring excursions and excellent shock insulation.
The special shape of the cap elements facilitates sound and vibration insulation of machines and aggregates with a low excitation frequency. The components are suitable for active and passive insulation of machines and aggregates as well as for the bedding of containers on ships and vehicles.
The identical stiffness properties in x- and y- directions prevent lateral sliding under stress.

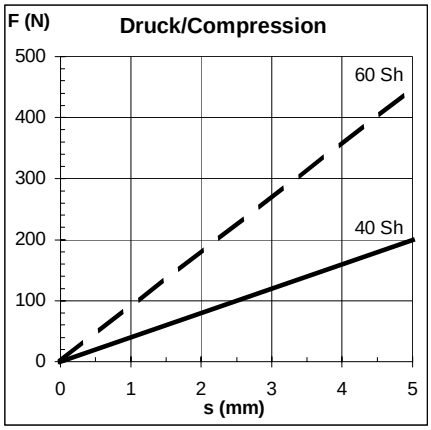
The GMT cap elements are generally made from natural rubber. If required, special elastomers can be used to ensure the optimal and problem-oriented application of the high-capacity bearing.

• Dimensions/spring characteristics :

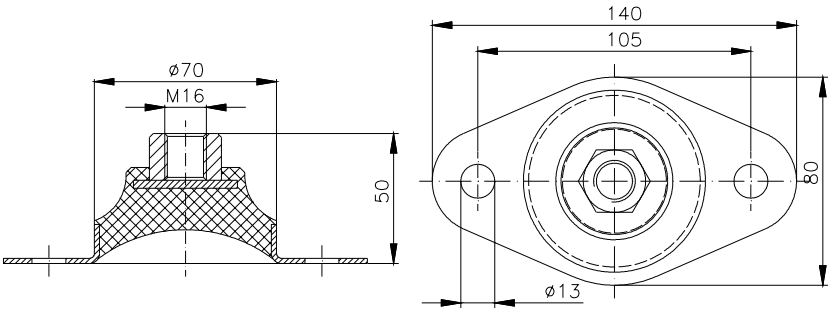
Artikelnummer	Shore-Härte [Sh-A]	F max. [N]	s max. [mm]	C rad. [N/mm]
731 001	40	200	5	40
	60	450	5	90
731 002	40	425	5	85
	60	1000	5	200
731 003	40	5500	50	110
	60	11000	50	220
731 004	40	11300	50	230
	60	27500	50	550
731 008	40	125	5	25
	60	274	5	55
732 001	40	3800	3	1300
	60	8400	3	2800
733 001	40	360	3	120
	60	780	3	260
734 001	40	1500	15	100
	60	3600	15	240
734 002	40	7000	35	200
	60	16800	35	480
734 003	40	11400	30	380
	60	24600	30	820
734 004	40	180	4	45
	60	420	4	100
734 005	40	11400	30	380
	60	24100	30	800
734 006	40	640	7,5	85
	60	1600	7,5	213
734 007	40	1260	9	140
	60	2520	9	280
734 008	40	4000	25	160
	60	7100	25	290
734 013	40	8200	50	160
	60	15400	50	300
734 019	40	10500	30	350
	60	18000	30	600
736 001	40	20	3	6,6
	60	43	3	14,3

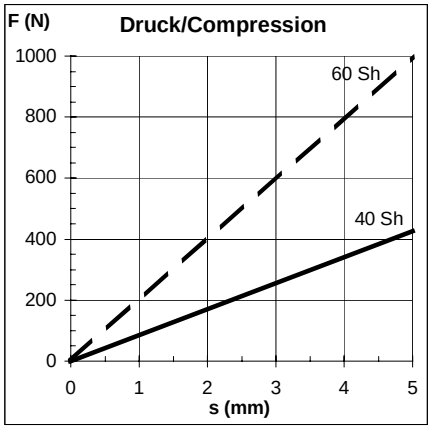
731 001



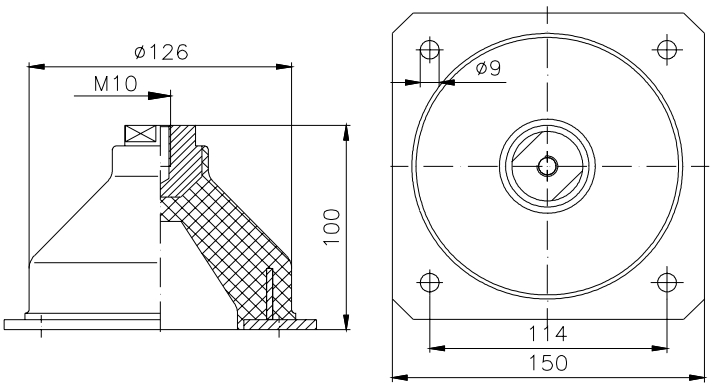


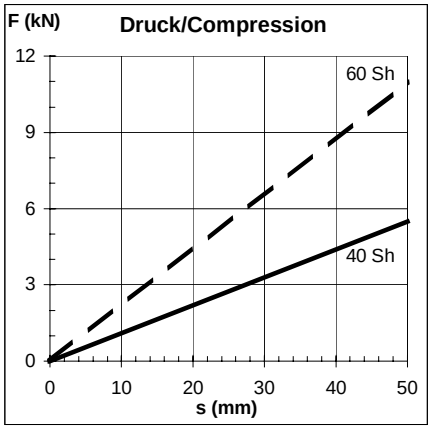
731 002



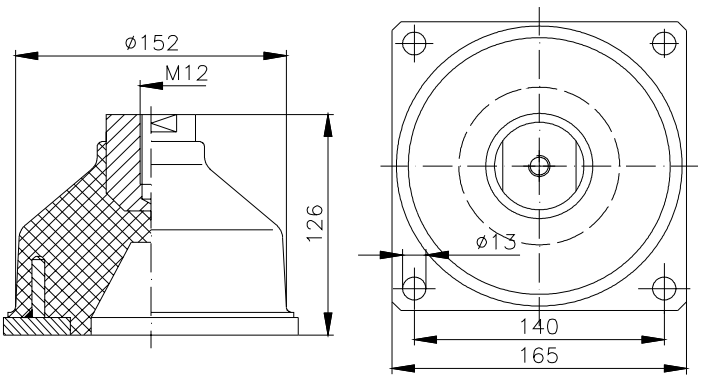


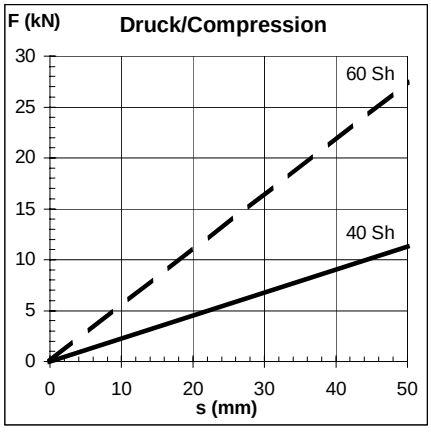
731 003



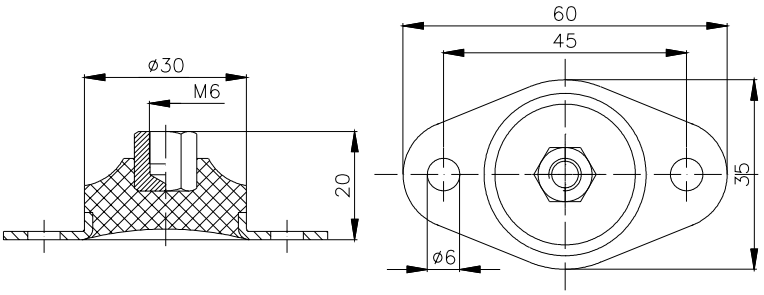


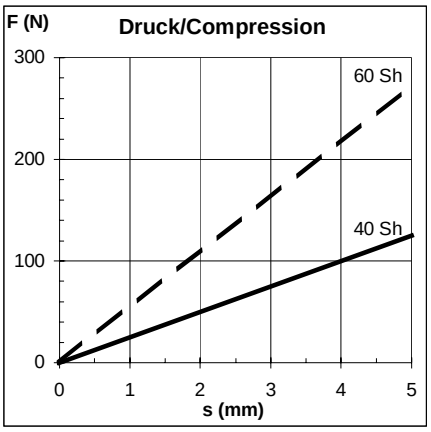
731 004



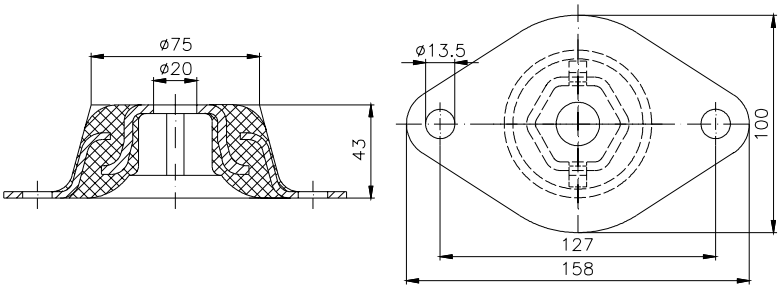


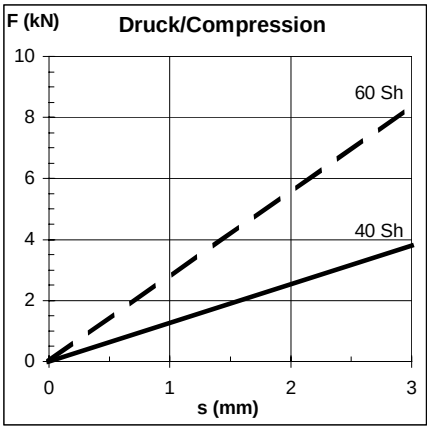
731 008





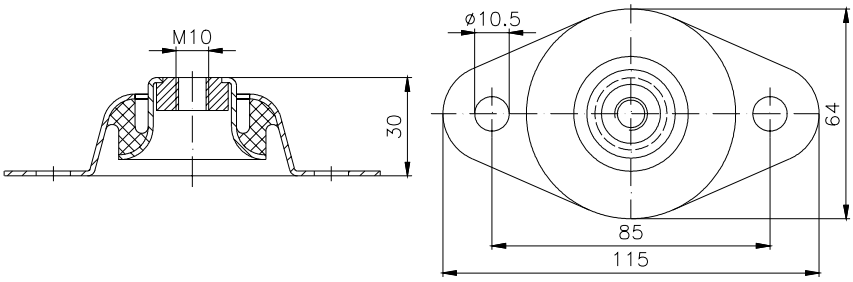
732 001

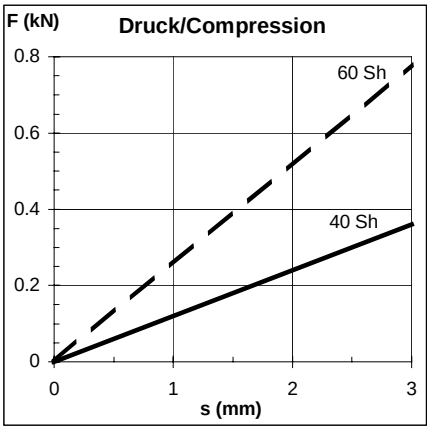




This cap element is characterized by it‘s tear-proof design.

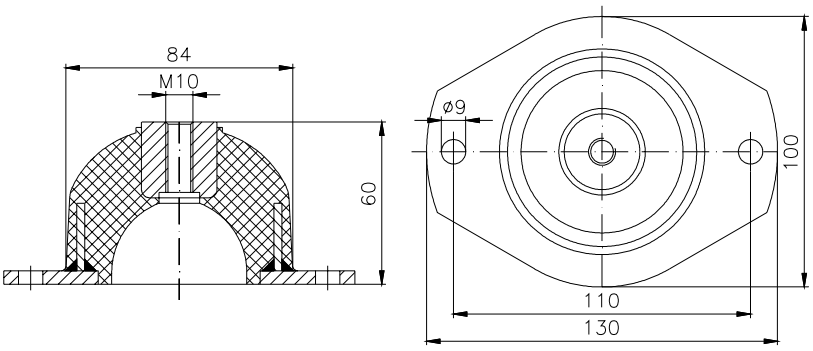
733 001

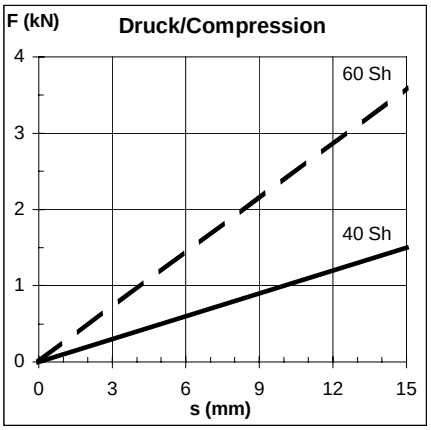




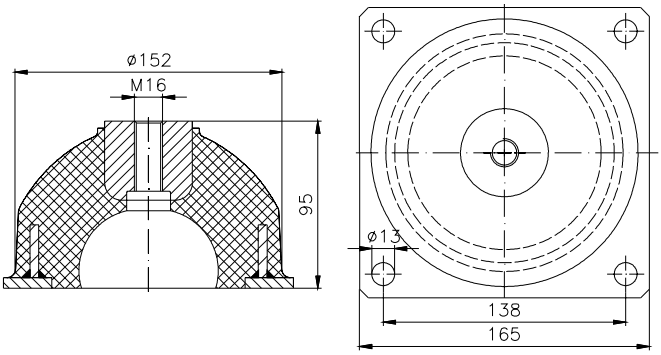
This cap element is characterized by it‘s tear-proof design.

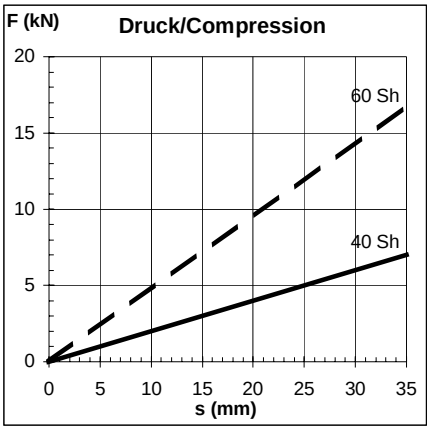
734 001



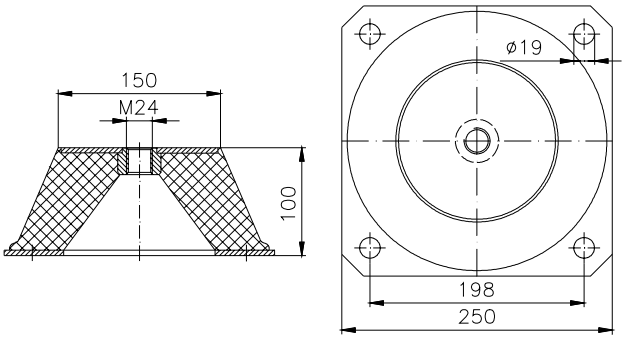


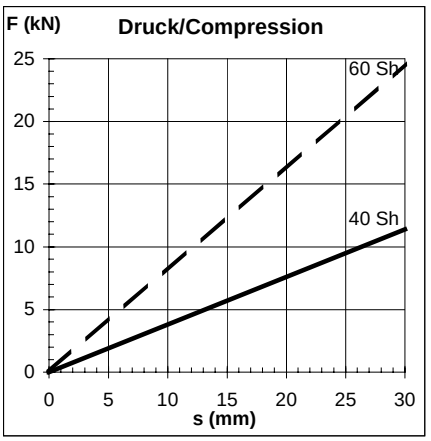
734 002



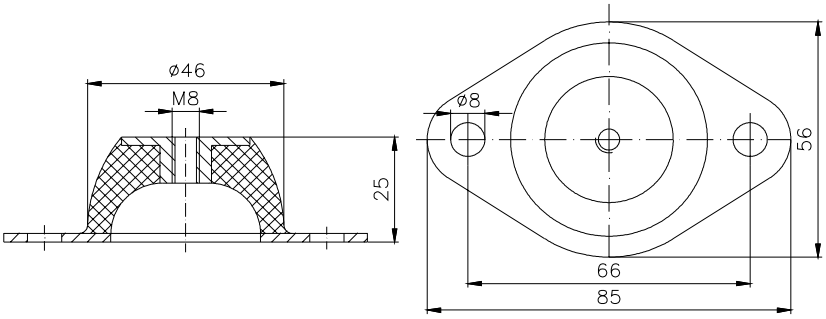


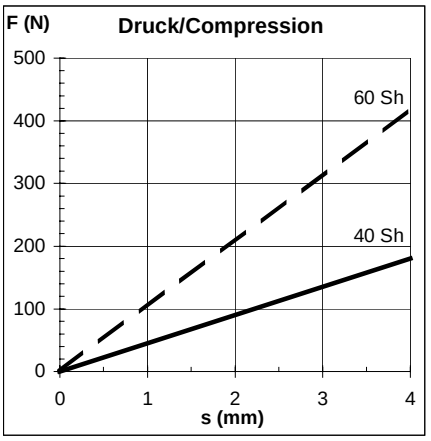
734 003



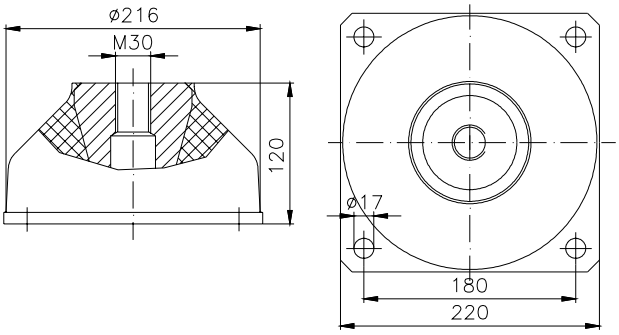


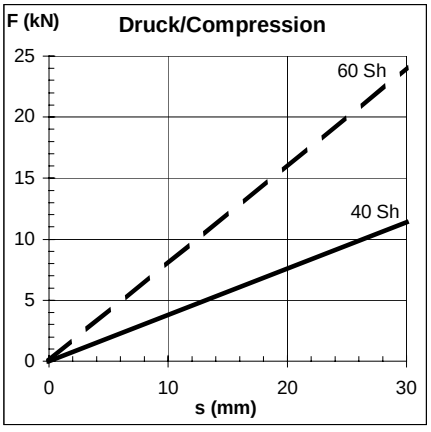
734 004



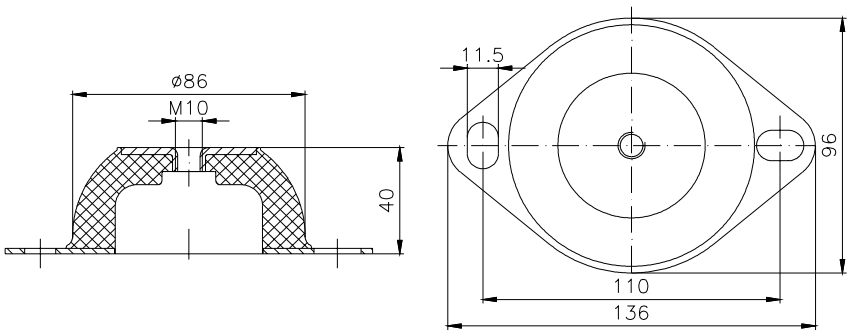


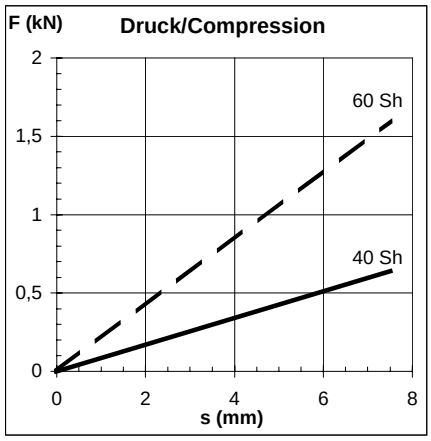
734 005



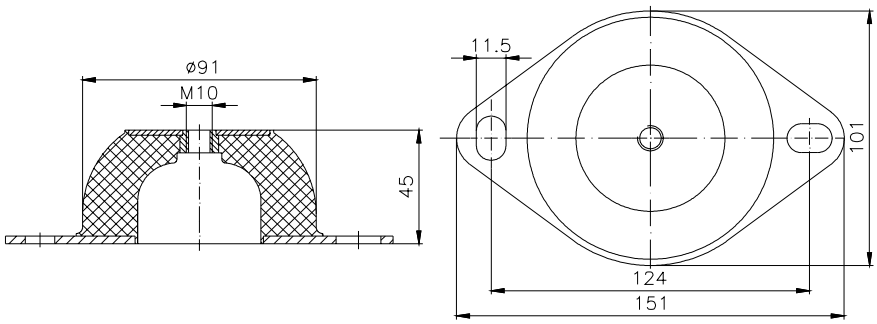


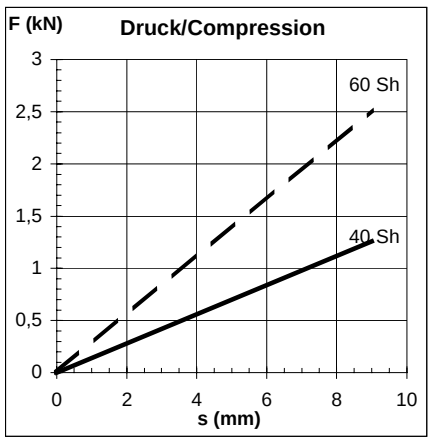
734 006





734 007





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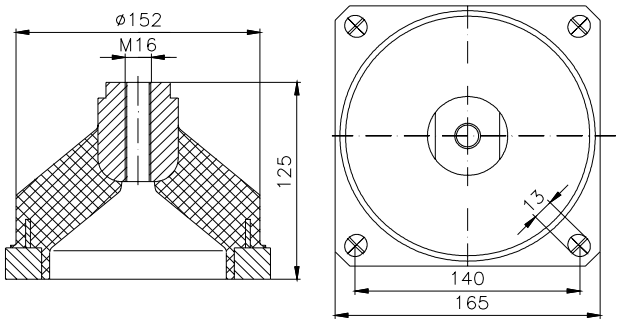

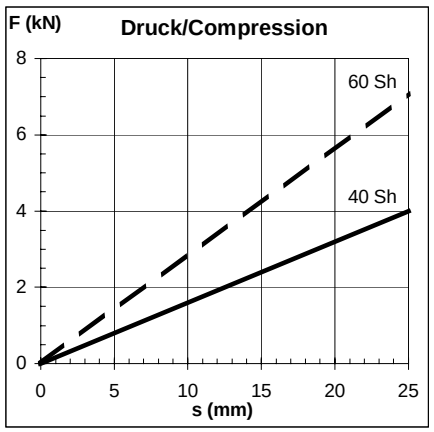

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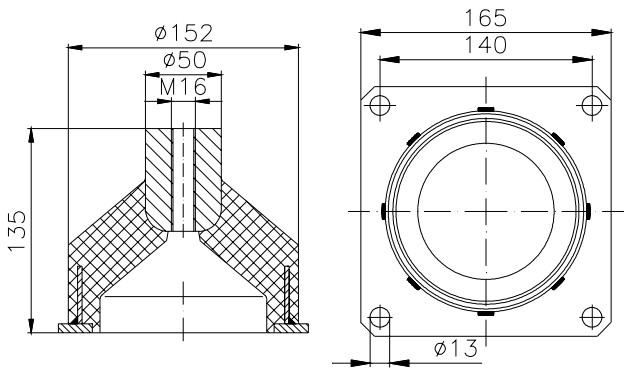
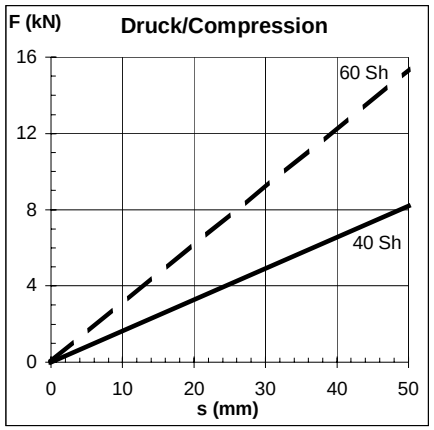
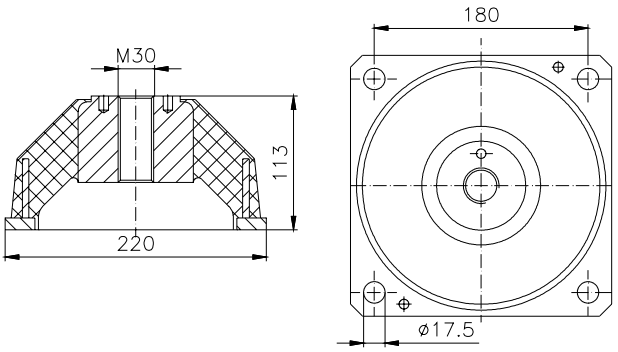
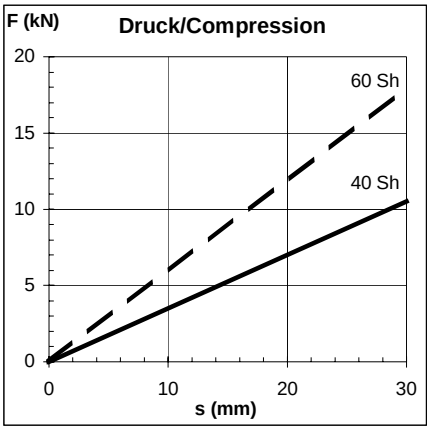




GMT Cap elements

734 019





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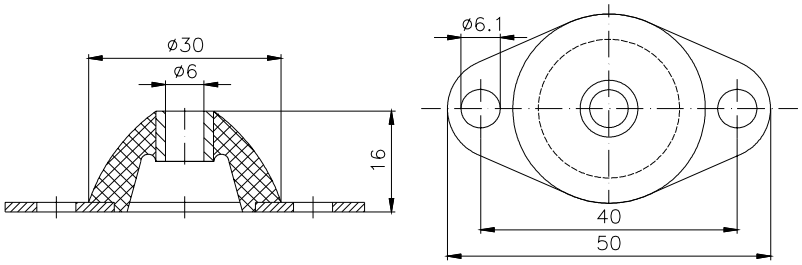
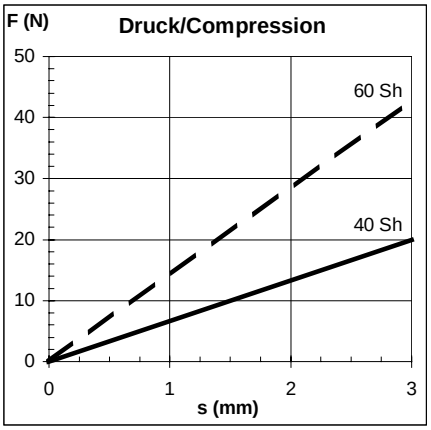




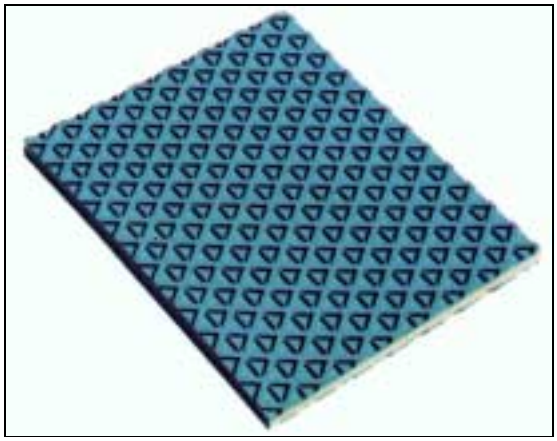
There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

• Description of parts and functions:

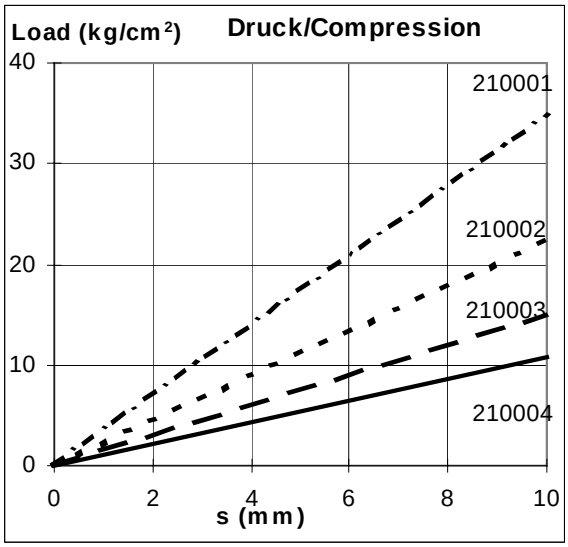
GMT rubber-cork pads are used for insulating purposes in a variety of industrial applications. The GMT insulating pads consist of a high-grade compound of nitrile rubber and cork particles. This composite allows for excellent sound and vibration insulation.
It should be noted that these insulating pads have a minimum setting behavior and an almost unlimited life span. Machinery can be insulated in a geometrically exact and stable manner for many years. Another advantage of these rubber-cork pads is their high resistance to lubricants and cooling emulsions. The pads can be cut to any size easily and quickly, so they can be used for a clean and non-anchored bedding.

• Dimensions:

Item number	Height [mm]	Width x Length [mm]	In stock (L) On request (A)
210001	18	1000 x 1000	L
210002	22	1000 x 1000	A
210003	27	1000 x 1000	A
210004	32	1000 x 1000	A
210005	55	1000 x 1000	A



• Spring characteristics:



There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

• Description of parts and functions:

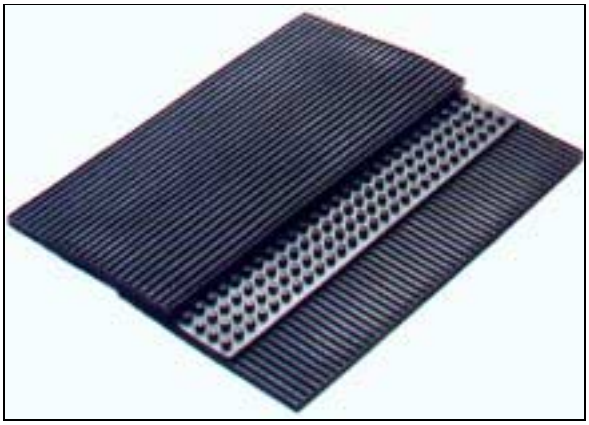
GMT profiled mats provide effective protection from vibration and sound. In manufacturing the mats, nitrile rubber is used. This way, a high degree of resistance to lubricants and solvents can be achieved. The GMT profiled mats guarantee a clean, skid-proof, and non-anchored setup of machinery and aggregates.
The insulating plates are available in the following designs:

Nap-type form: on one side or both, with or without steel reinforcement

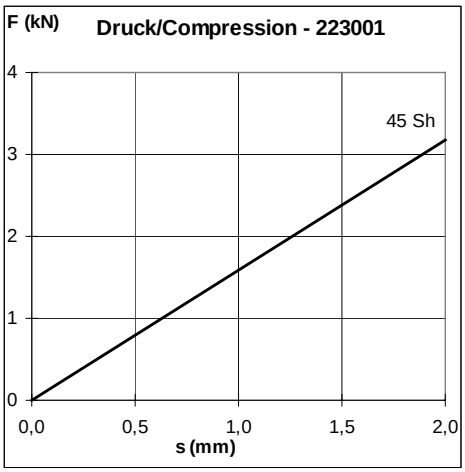
Rib-type form: Lengthwise ribs and transverse ribs, on one side or both in various combinations, with or without steel reinforcement

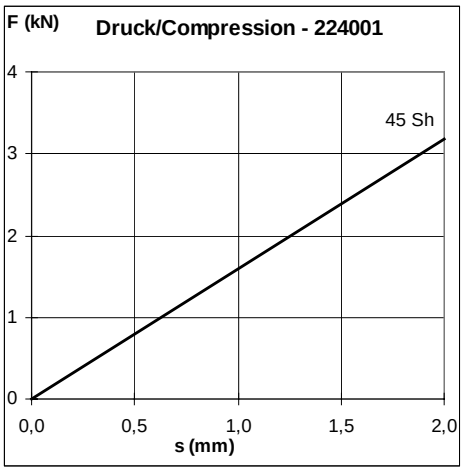
• Dimensions:

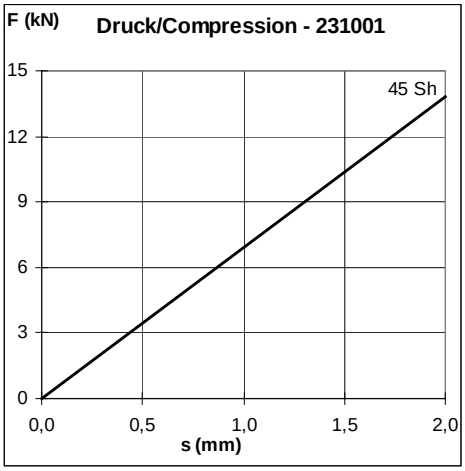
Item number	Width [mm]	Length [mm]	Height [mm]	In stock (L) On request (A)	Profile
221001	250	500	10	L	Ribs, lengthwise, trans.
223001	250	500	5	L	Lengthw. ribs, one side
224001	250	500	5	L	Transv. Ribs, one side
231001	250	500	10	L	Naps, one side
233001	600	600	10	A	Naps, both sides



• Spring characteristics:







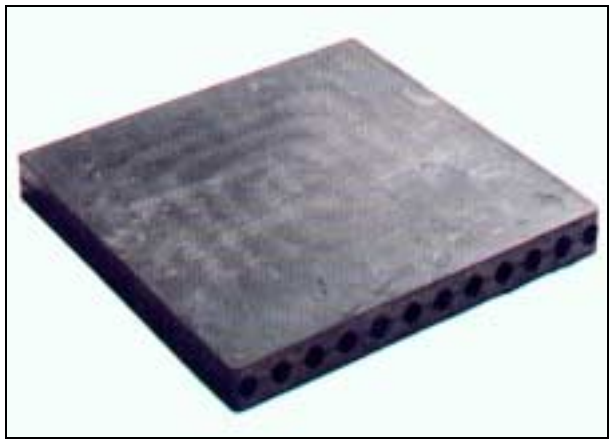
There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.

• Description of parts and functions:

GMT-core-slabs allow for excellent sound and vibration insulation with a variety of industrial applications. Only high-grade natural rubber is used to manufacture these plates. This design results in a very high and constant sound and vibration insulation over many years. The insulating plates can be adapted easily and quickly to individual requirements. They can be laid for full-area purposes, or just at certain points, using one or multiple layers – or any combination thereof. This way, a perfect bedding can be achieved. The GMT core-slabs also come as solid plates for specific types of surface compression.

• Dimensions:

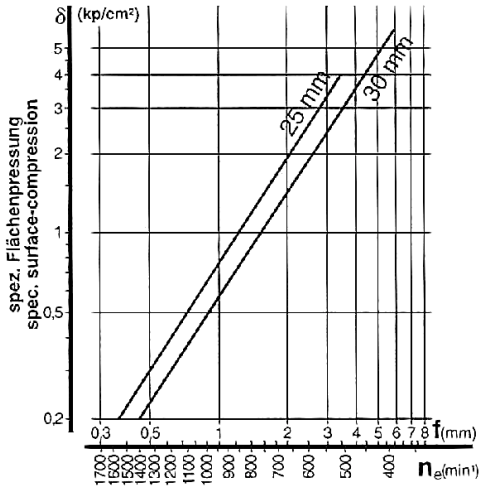
Item number	A [mm]	B [mm]	H [mm]	In stock (L) On request (A)
200001	50	72	30	A
200002	150	150	30	A
200003	160	160	25	L
200004	180	180	25	L
200005	200	200	25	L
200006*	200	200	50	A
200007	220	220	25	L
200008	220	250	25	L
200009	250	500	25	L1
200010	250	300	25	A
200011	300	300	30	L1
200012	400	600	23	A



- Other dimensions available;
- L – natural rubber, about 45+/-5Sh-A,
- L1 – natural rubber, about 50+/-5Sh-A
  * holes lengthwise and laterally

• Spring characteristics:

These curves show the mean values with a rubber hardness of 50 Shore A .



There is a possible deviation of approx. +/-20% in the above values due to production and hardness tolerances.