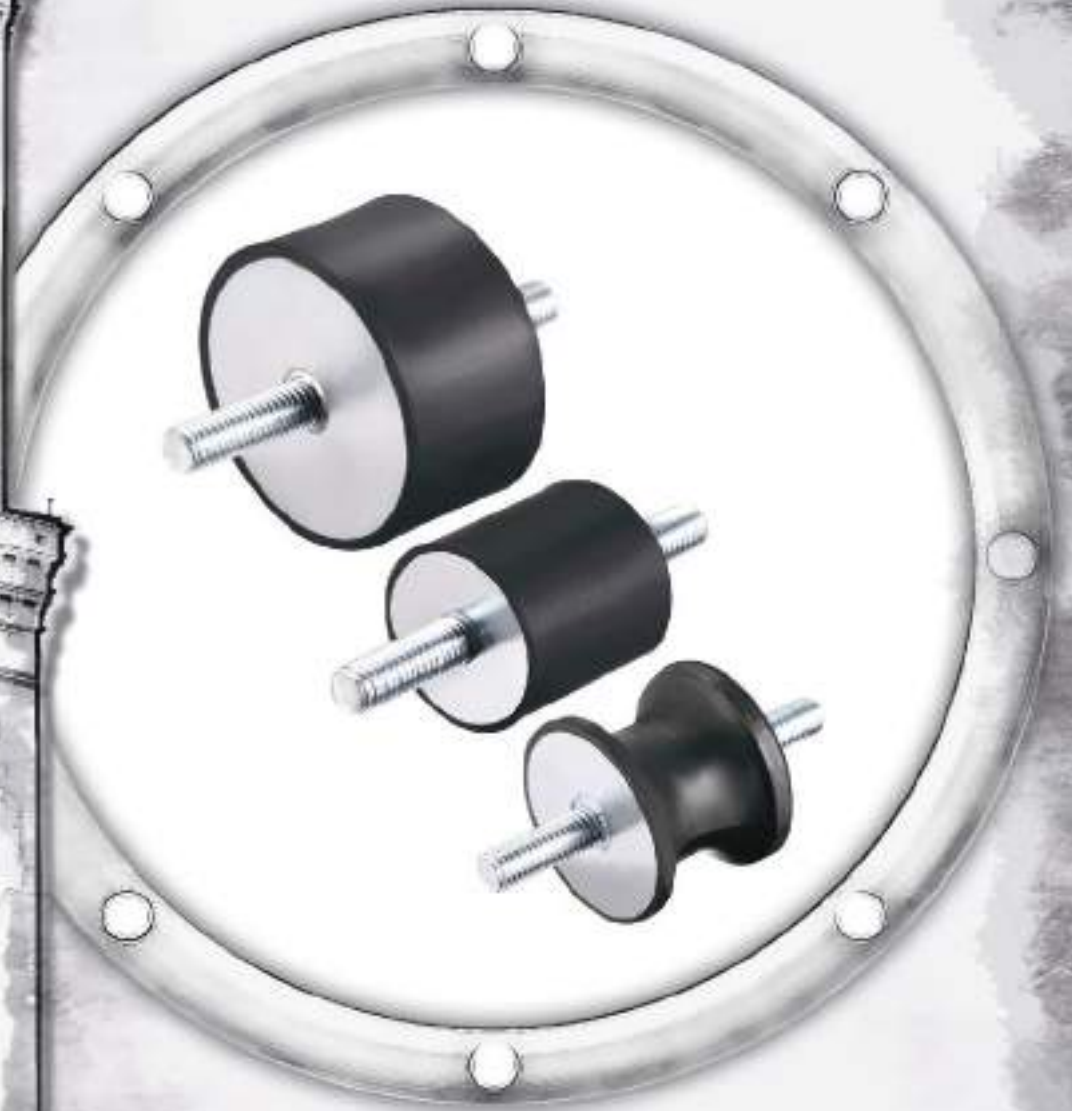


Monti & Barabino

Technical Supplies for
Industrial and Naval field
since 1880



**SHOCK ABSORBING
ELEMENTS**



Monti & Barabino, established in 1880, is based in Genoa and operates in the field of Technical Items supplies for the Industrial and Maritime Sectors.

The extremely wide experience matured in more than 135 years of activity and its highly qualified personnel composed by technicians, marine engineers, naval architects etc., enables the Company to offer the most complete and efficient technical and commercial assistance.

Moreover, the products stocked in its large warehouse allows it to promptly satisfy any kind of enquiry, while its workshop is able to manufacture all types of packings and gaskets comprising the moulding of rubber and elastomer of various types, including silicon, Fluoropolymer, Polyurethane, etc.

Since February 2004, Monti & Barabino S.p.A. improved its Quality Management System in accordance with **UNI EN ISO 9001** regulations, obtaining the certification through **R.I.N.A.** This prestigious acknowledgement is a confirmation of our constant effort in offering excellent quality and service to all those Customers who have chosen and will choose our Company as their supplier.



Our workshop, acting as  Official distributor, is able to offer:

- FLEXIBLE HOSES FOR LOW, MEDIUM AND VERY HIGH PRESSURE
- MED APPROVED FLEXIBLE HOSES
- TYPE APPROVED SHIP TO SHORE AND INDUSTRIAL COMPOSITE HOSES
- HIGH PRESSURE STEAM HOSES
- HIGH PRESSURE CLEANING HOSES
- RUBBER, STAINLESS STEEL AND TEXTILE EXPANSION JOINTS

Moreover:

- HYDRAULIC TEST FACILITIES
- MANAGEMENT OF TESTING PROCEDURES IN PRESENCE OF CLASSIFICATION BODIES
- PRESSED FITTINGS ON LARGE BORE RUBBER HOSES UP TO 10"

MECHANICAL WORKSHOP and **PIPE WORKSHOP** are available for the execution of customized processes on our semi-finished products. Thanks to the wide availability of **WAREHOUSE** we are able to satisfy your needs in a short time, organizing and managing your shipments in a very short time.

We perform CNC turning and cutting on rubber and metal semi-finished products; we mold details and rubber gaskets.



We produce gaskets in any material, even according to Customer's design, including padded copper and spiral wound gaskets.

We sew and assemble insulating mats and textile joints: wide choice of fabrics for high temperatures.



Laser marking of finished products and components

We are an authorized **Parker** assembling center, hydraulic hoses up to 3" and industrial hoses up to 10".
Ask for our **FLEXIBLE HOSES** and **ACCESSORIES CATALOG**



Approved welders able to manufacture special fittings according to Customer's specifications.

We perform internal hydrostatic tests, also in the presence of an external Certifying Body.



SHOCK ABSORBING ELEMENTS

The effective isolation of the vibrations is obtainable through the use of support elements or insulators that, suitably chosen, can significantly reduce the noise pollution and the damage caused by the vibrations transmitted by the machinery. A wide range of materials and components suitable for various applications in the automotive, marine and industrial sector.

RUBBER BUFFER

They are simple and cheap elements of end stroke suitable for the absorption of shocks derived from the light and medium weight machines. They are characterized by long life, high elasticity and reduced installation dimensions.



COD. 8699

Cod	Ø	H	Thread	Max compression load	Max shear load
	mm	mm	M	kg	
2008	20	8,5	6	45	4
2015	20	15	6	50	4
2517	25	17	6	50	6
3030	30	30	8	80	8
4030	40	30	8	120	16
5021	50	20	10	150	20
5025	50	25	10	150	20
5040	50	35	10	170	18
7525	75	25	12	450	90
8140	100	40	16	900	100

More sizes available upon request values are approximate and subject to change.

PUFFER

Simple and cheap anti-vibration elements suitable for the elastic suspension of light and medium weight machines. Available in various versions, are used in the isolation of vibration of machines of all types. Suitable for the attachment of equipment sensitive to vibration such as instrument panels and small electronic equipment, to absorb compressive stresses and shear, not in traction.



VERSION "A"
MALE / MALE
COD. 8693

Cod	Ø	H	Thread	Max compression load	Max shear load
	mm	mm	M	kg	
1515	15	15	4	20	4
1885	20	8,5	6	40	4
2015	20	15	6	50	4
2025	20	25	6	30	3
2520	25	20	6	60	6
3020	30	20	8	80	8
3030	30	30	8	80	8
4030	40	30	8	120	16
4040	40	40	8	140	18
5020	50	20	10	150	20
5030	50	30	10	160	20
5045	50	45	10	155	17
6045	60	40	12	240	30
6050	60	50	12	230	25
7050	70	50	10	450	60
7525	75	25	12	450	90
7550	75	50	12	480	60
8130	100	30	16	900	110
8140	100	40	16	900	100

More sizes available upon request values are approximate and subject to change



← - PUFFER -

VERSION "B"
MALE / FEMALE
COD. 8695



Cod	Ø	H	Thread	Max compression load	Max shear load
	mm	mm	M	kg	
1515	15	15	4	20	4
2015	20	15	6	50	4
2020	20	20	6	40	3
2025	20	25	6	30	3
2520	25	20	6	60	6
3020	30	20	8	80	8
3030	30	30	8	80	8
4030	40	30	8	120	16
4040	40	40	8	140	18
5030	50	30	10	160	20
5040	50	40	10	170	18
6050	60	50	12	230	25
7050	70	50	10	360	30
7550	75	50	12	480	60
8140	100	40	16	900	100

More sizes available upon request values are approximate and subject to change



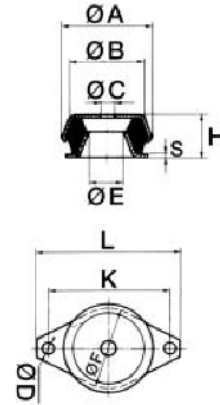
VERSION "C"
FEMALE / FEMALE
COD. 8697

Cod	Ø	H	Thread	Max compression load	Max shear load
	mm	mm	M	kg	
2020	20	20	6	40	3
2025	20	25	6	30	3
2520	25	20	6	60	6
2525	25	25	6	40	4
3020	30	20	8	80	8
3025	30	25	8	80	8
3030	30	30	8	80	8
4030	40	30	8	120	16
4040	40	40	8	140	18
5030	50	30	10	160	20
5045	50	45	10	155	17
7530	75	50	12	500	80
8140	100	40	16	900	110
8155	100	55	16	850	100

More sizes available upon request values are approximate and subject to change

BELL MOUNTS

This rubber / metal element is mainly used in the damping of vertical vibrations. The shear rigidity is greater than the vertical stiffness. They are used as elastic supports for diesel generators, machine tools, presses, mills, ventilation systems, generators etc.



COD. 8689

Cod	L	H	K	C	A	E	D	Bell Diam	S	Max static load
	mm									kg
0010	81	23	68	8,2	48	18	6,5	42	1,5	100
0020	106	31	75-90	10,2	60	25	16	63	2	200
0030	128	45	110	16,2	92	42	10,5	85	3	300
0040	190	50	160	24,2	108	60	16,5	100	5	600

More sizes and version available upon request values are approximate and subject to change

RUBBER PLATES

Are slabs made in special rubber compound gridded on both sides, which are normally used in cases where it is required the interruption of the contact to the floor by means of elastic suspension in a ground support equipment such as lathes and other machine tools.

Thanks to the friction which is created between the rubber and the floor, this type of element can not be anchored to the floor. Where necessary it is however possible a mechanical fixing of the plate by means of pins and bolts.



COD. 8707



Cod	Dimensions	Frequency	Failure	Max load
	mm	Hz	mm	kg/cm²
0199	300x300	30/40	1,2	8
Values are approximate and subject to change				

VIBROSTOP AA®

The aluminium alloy external structure makes the AA isolator resistant to accidental overloads (in the event of earthquakes, vehicle accidents or sudden shutdown of rotating machinery) and protects the elastomeric components from direct weather exposure, extending their reliability and service life. The AA anti-vibration mounts are highly versatile and used for multi-directional isolation of mechanical vibrations, reduction of structural noise and mitigation of small shocks in a variety of applications.

Suitable for air conditioning, industrial machinery, petrochemical industry, generators and transformers, rotating machines, transport sector, electrical switchboards, shipyards.



AVAILABLE IN STOCK AND UPON REQUEST



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