BSB Captive Mounts

Captive anti-vibration mounts providing an excellent balance of vibration isolation, stability and movement control, with integral fail-safe restraint.



The **AMC-MECANOCAUCHO® BSB captive mounts** are designed to work the elastomer in both **compression and shear**, providing an optimum balance between **vibration isolation and equipment stability**.

Their design provides effective control of **vertical and horizontal movements**, making them particularly suitable for machinery subjected to dynamic forces or applications requiring a more stable suspension. An **integral fail-safe restraint** provides mechanical retention of the equipment in the event of tensile forces, shock or excessive movement.

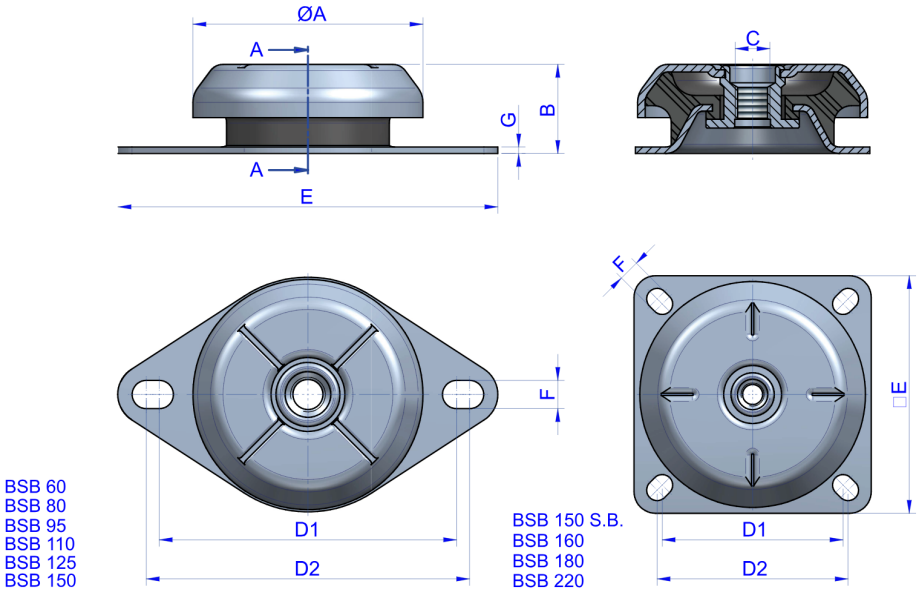
Available in a **wide range of sizes and rubber hardnesses**, BSB captive mounts cover a broad range of loads. They are particularly suitable for **engines, generator sets, pumps, compressors, rotating machinery and mobile equipment** requiring a combination of **effective vibration isolation, good stability and mechanical restraint**.

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Drawings

BSB 60 M10 / BSB 60 M12 / BSB 80 M10

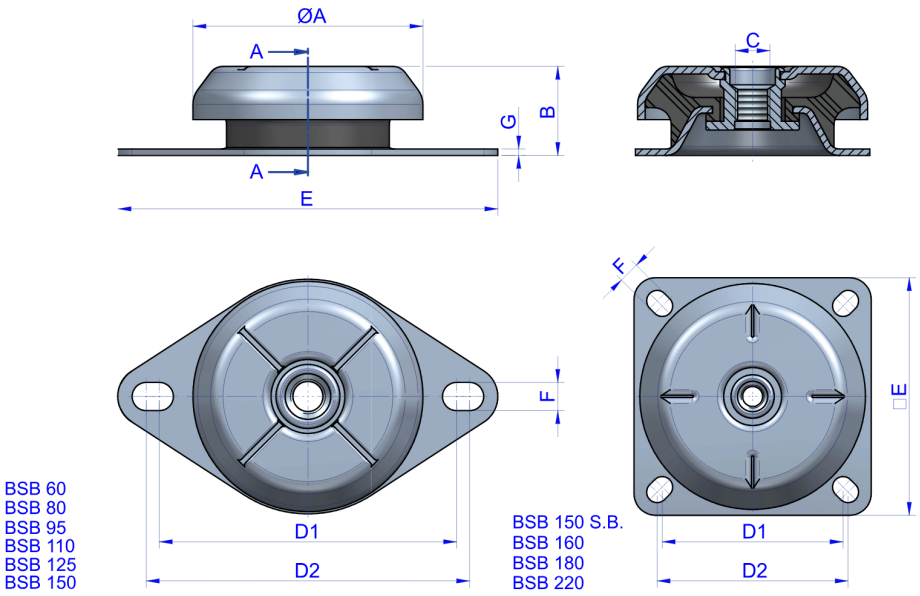


Type	Tightening torque Max. (Nm)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	Weight(gr)	D1 Min. (mm)	D2 Max. (mm)	Code	Max. Load (kg)	Shore
BSB 60 M10	32	64	34	M-10	110	9	2,5	235	76,5	90,5	135106	70	40 Sh
											135109	130	50 Sh
											135107	170	60 Sh
											135108	245	70 Sh
BSB 60 M12	55	64	34	M-12	110	9	2,5	235	76,5	90,5	135406	70	40 Sh
											135407	130	50 Sh
											135408	170	60 Sh
											135409	245	70 Sh
BSB 80 M10	32	78	31	M-10	130	9,2	3	355	108,2	111,2	135261	110	40 Sh
											135262	160	50 Sh
											135263	230	60 Sh
											135264	300	70 Sh

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BSB 80 M12 / BSB 95 M10 / BSB 95 M12

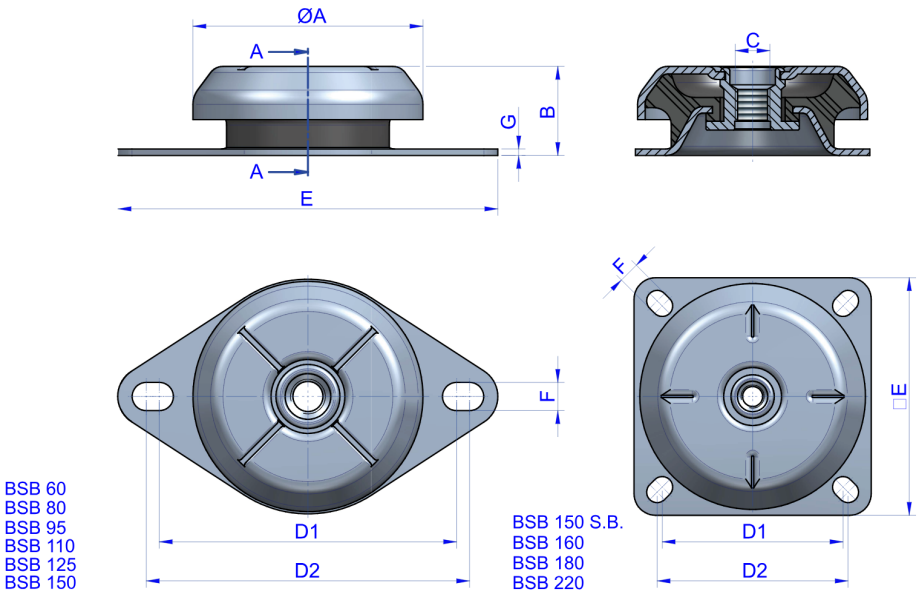


Type	Tightening torque Max. (Nm)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	Weight(gr)	D1 Min. (mm)	D2 Max. (mm)	Code	Max. Load (kg)	Shore
BSB 80 M12	55	78	31	M-12	130	9,2	3	351	108,2	111,2	135265	110	40 Sh
											135266	160	50 Sh
											135267	230	60 Sh
											135268	300	70 Sh
BSB 95 M10	32	92	34	M-10	150	10	3	488	122	126,4	135311	180	40 Sh
											135312	230	50 Sh
											135313	270	60 Sh
											135314	330	70 Sh
BSB 95 M12	55	92	34	M-12	150	10	3	488	122	126,4	135315	180	40 Sh
											135316	230	50 Sh
											135317	270	60 Sh
											135318	330	70 Sh

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BSB 110 M12 / BSB 110 M16 / BSB 125

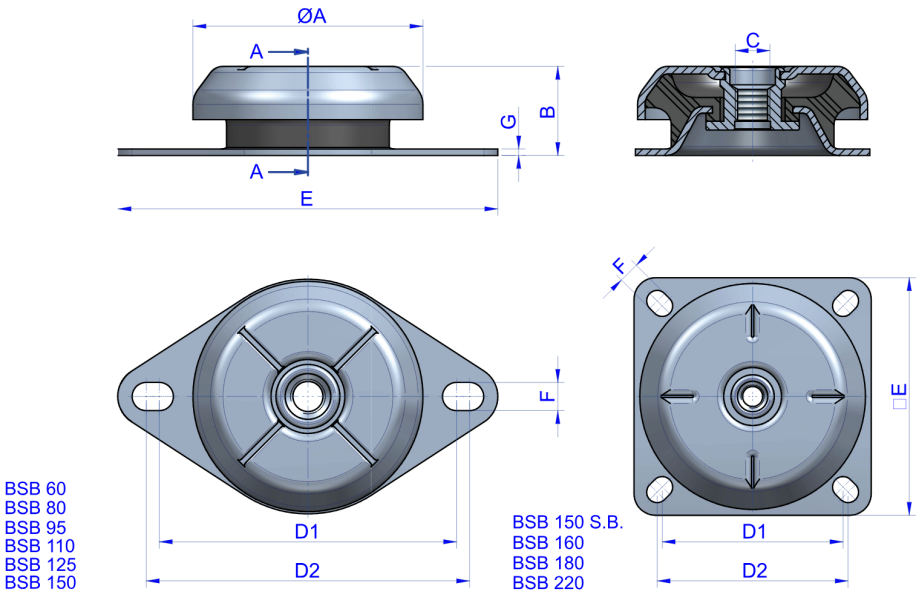


Type	Tightening torque Max. (Nm)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	Weight(gr)	D1 Min. (mm)	D2 Max. (mm)	Code	Max. Load (kg)	Shore
BSB 110 M12	55	106	37	M-12	175	13	3	785	137	149	135335	250	40 Sh
											135336	350	50 Sh
											135337	450	60 Sh
											135338	550	70 Sh
BSB 110 M16	125	106	37	M-16	175	13	3	785	137	149	135150	250	40 Sh
											135151	350	50 Sh
											135152	450	60 Sh
											135153	550	70 Sh
BSB 125	125	123	43	M-16	190	14	4	1109	154	162	135351	450	40 Sh
											135352	550	50 Sh
											135353	690	60 Sh
											135354	900	70 Sh

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BSB 150 S.B. / BSB 150 / BSB 160

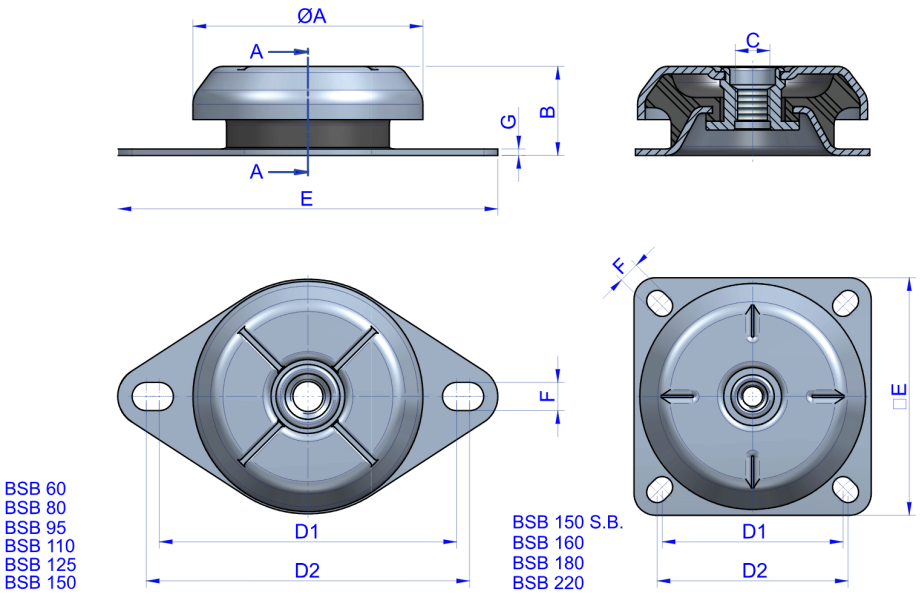


Type	Tightening torque Max. (Nm)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	Weight(gr)	D1 Min. (mm)	D2 Max. (mm)	Code	Max. Load (kg)	Shore
BSB 150 S.B.	125	156	49	M-16	164	14,5	4	2060	125	132	135371	750	40 Sh
											135372	950	50 Sh
											135373	1300	60 Sh
											135374	1650	70 Sh
BSB 150	125	156	49	M-16	218	14,5	4	1818	176	188	135361	750	40 Sh
											135362	950	50 Sh
											135363	1300	60 Sh
											135364	1650	70 Sh
BSB 160	190	156	57	M-20	170	14,5	4	2200	140	140	135381	900	40 Sh
											135382	1200	50 Sh
											135383	1600	60 Sh
											135384	2300	70 Sh

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BSB 180 / BSB 220

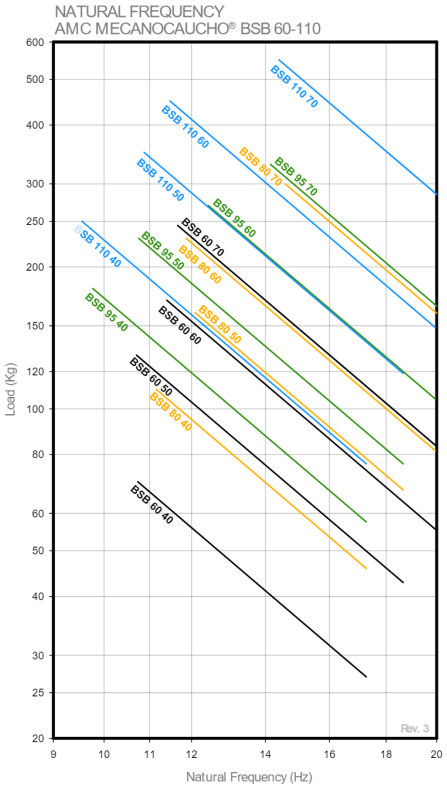


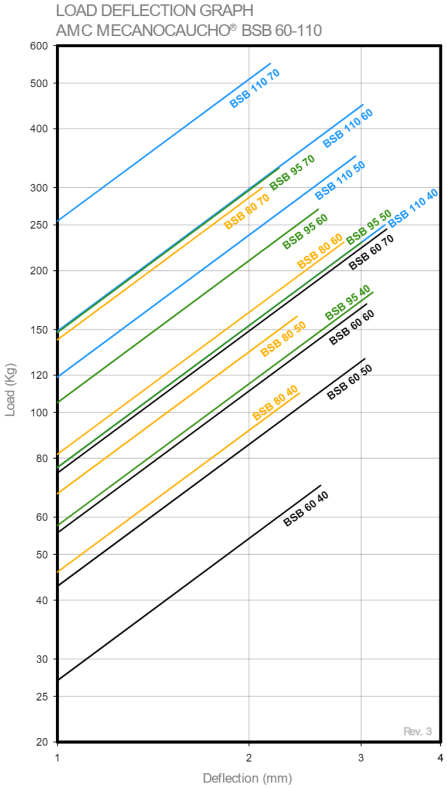
Type	Tightening torque Max. (Nm)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	Weight(gr)	D1 Min. (mm)	D2 Max. (mm)	Code	Max. Load (kg)	Shore
BSB 180	190	180	67	M-20	192	14,5	4	2900	149	163	135181	1300	40 Sh
											135184	1750	50 Sh
											135182	2100	60 Sh
											135183	2900	70 Sh
BSB 220	285	230	105	M-24	220	19	6	6716	180	180	135301	2500	40 Sh
											135302	3200	50 Sh
											135303	4000	60 Sh
											135304	5000	70 Sh

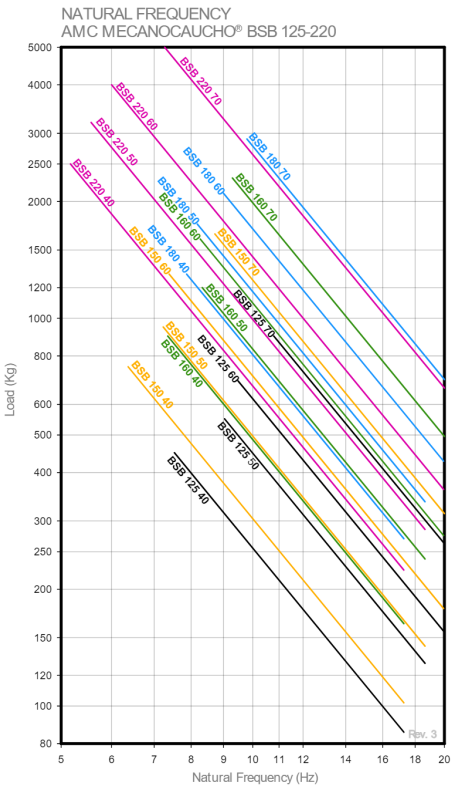
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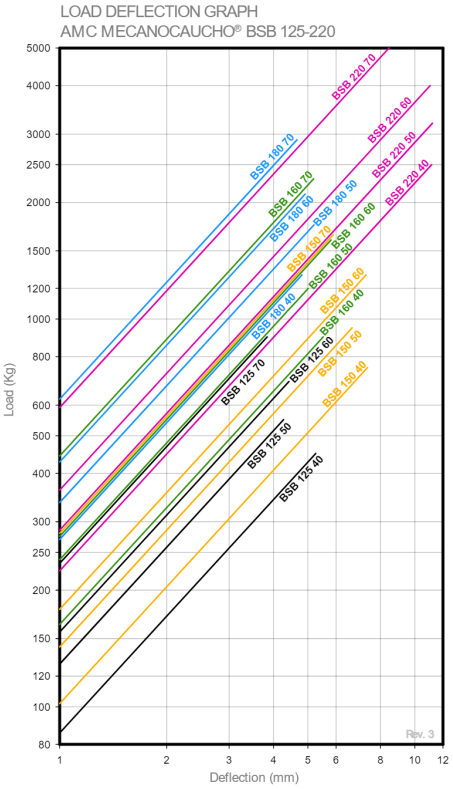
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Elastic properties









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Technical characteristics

• The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which may cause major damage to the rubber.• The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.• They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits vertical movement when the mounting is submitted to shock inputs.• The mounts are clearly identified, as the baseplates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.• The hood has a cross stamped on the top, which enhances its stiffness on mobile applications and also improves the evacuation of oils or liquids that splash onto it.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils or other chemicals that could damage it.

Mount offering high stability

Suspensions built with this mount barely move, thanks to a geometry designed to control the movement of the suspended element.

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