Type B Stud Mounts

Cylindrical vibration isolation stud mounts with male and female mounting threads, offering a compact and versatile solution for machinery and equipment.

The **AMC-MECANOCAUCHO® Type B Stud Mounts** are rubber-metal vibration isolators designed to provide a **simple, compact and reliable flexible connection** between equipment and its supporting structure.

They consist of a **cylindrical elastomer body vulcanized between two parallel metal parts**, with a **threaded stud on one side and a female thread on the other**. This configuration makes them particularly easy to integrate into assemblies requiring different mounting arrangements on each side.

Depending on the mounting arrangement, these stud mounts can operate mainly in **compression, shear or a combination of both**, effectively reducing the transmission of vibration and structure-borne noise.

Available in a wide range of **dimensions, rubber hardnesses and stiffnesses**, Type B Stud Mounts are particularly suitable for **engines, pumps, fans, compressors, electrical and electronic equipment, and light industrial machinery**.

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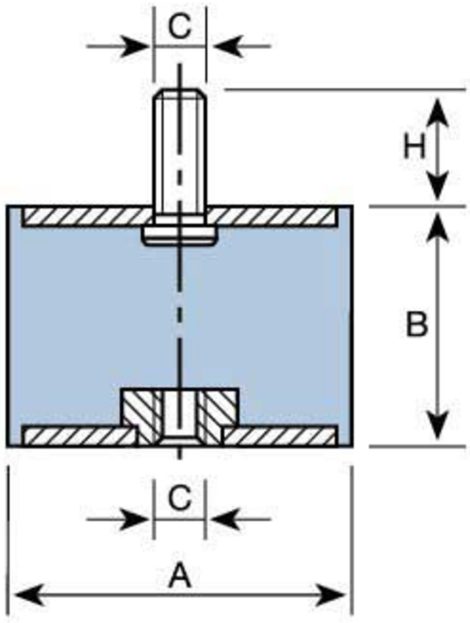
Drawings

BOBBINS TYPE B 12-25



Type	Code	A(in)	B(in)	C(in)	H(in)	Weight(lbs)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (in)	SHEAR Max. Load (daN)	SHEAR Deflection (in)
BOBBINS TYPE B 12-25	121001	0.49	0.39	M-5	0.39	0.01	12	0.02	1,5	0.02
	121002	0.49	0.59	M-5	0.39	0.01	10	0.02	1,5	0.02
	121003	0.49	0.79	M-5	0.39	0.02	8	0.04	1,5	0.02
	121011	0.63	0.39	M-5	0.47	0.02	20	0.02	2,5	0.02
	121012	0.63	0.59	M-5	0.47	0.02	20	0.08	2,5	0.06
	121013	0.63	0.79	M-5	0.47	0.02	15	0.1	2,5	0.08
	121014	0.63	0.98	M-5	0.47	0.03	15	0.12	2	0.08
	121022	0.79	0.59	M-6	0.65	0.04	35	0.08	5	0.06
	121023	0.79	0.79	M-6	0.65	0.04	30	0.14	5	0.1
	121024	0.79	0.98	M-6	0.65	0.04	30	0.22	4,5	0.16
	121025	0.79	1.18	M-6	0.65	0.05	25	0.24	4,5	0.16
	121172	1	0.59	M-6	0.71	0.06	60	0.1	8	0.08
	121173	1	0.79	M-6	0.71	0.06	55	0.14	8	0.1
	121174	1	0.98	M-6	0.71	0.07	50	0.2	8	0.14
	121175	1	1.18	M-6	0.71	0.08	50	0.24	8	0.16
	121031	1	0.59	M-8	0.79	0.08	60	0.1	8	0.08
	121032	1	0.75	M-8	0.79	0.09	55	0.14	8	0.1
	121033	1	0.87	M-8	0.79	0.09	50	0.16	8	0.12
	121034	1	0.98	M-8	0.79	0.09	50	0.2	8	0.14
	121035	1	1.18	M-8	0.79	0.1	50	0.24	8	0.16
	121036	1	1.57	M-8	0.79	0.11	50	0.28	10	0.2

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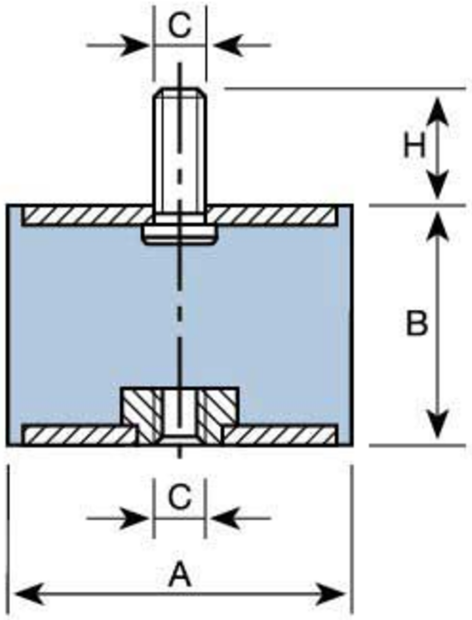
BOBBINS TYPE B 30-40



Type	Code	A(in)	B(in)	C(in)	H(in)	Weight(lbs)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (in)	SHEAR Max. Load (daN)	SHEAR Deflection (in)
BOBBINS TYPE B 30-40	121041	1.18	0.59	M-8	0.79	0.11	90	0.04	11	0.04
	121042	1.18	0.87	M-8	0.79	0.13	80	0.12	11	0.1
	121186	1.18	0.98	M-8	0.79	0.12	75	0.18	11	0.14
	121043	1.18	1.18	M-8	0.79	0.14	70	0.22	11	0.18
	121044	1.18	1.57	M-8	0.79	0.16	60	0.3	11	0.24
	121193	1.57	0.79	M-8	0.79	0.18	160	0.08	20	0.06
	121194	1.57	0.98	M-8	0.79	0.19	150	0.16	20	0.12
	121195	1.57	1.1	M-8	0.79	0.21	150	0.2	20	0.16
	121196	1.57	1.18	M-8	0.79	0.21	150	0.24	30	0.2
	121197	1.57	1.38	M-8	0.79	0.23	120	0.28	20	0.22
	121198	1.57	1.57	M-8	0.79	0.24	120	0.33	20	0.28
	121199	1.57	1.77	M-8	0.79	0.26	120	0.35	20	0.28
	121051	1.57	0.79	M-10	0.98	0.2	160	0.08	20	0.06
	121191	1.57	0.98	M-10	0.98	0.22	150	0.16	20	0.12
	121052	1.57	1.1	M-10	0.98	0.23	150	0.2	20	0.16
	121192	1.57	1.18	M-10	0.98	0.23	150	0.24	30	0.2
	121053	1.57	1.38	M-10	0.98	0.26	120	0.28	20	0.22
	121054	1.57	1.57	M-10	0.98	0.28	120	0.33	20	0.28
	121055	1.57	1.77	M-10	0.98	0.29	120	0.35	20	0.28

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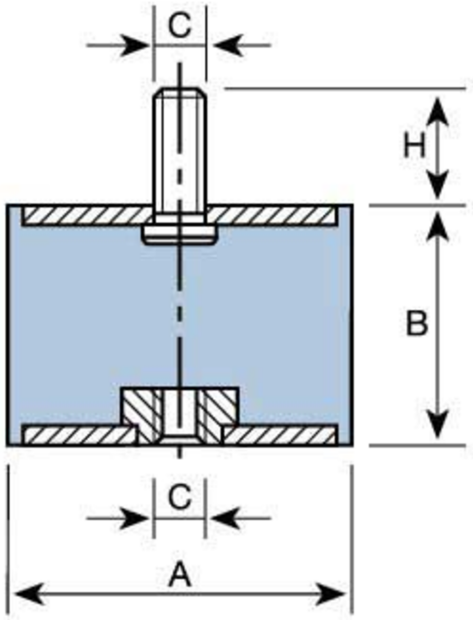
BOBBINS TYPE B 50-75



Type	Code	A(in)	B(in)	C(in)	H(in)	Weight(lbs)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (in)	SHEAR Max. Load (daN)	SHEAR Deflection (in)
BOBBINS TYPE B 50-75	121201	1.97	0.79	M-10	0.98	0.27	300	0.12	25	0.1
	121061	1.97	0.98	M-10	0.98	0.32	300	0.14	25	0.12
	121202	1.97	1.18	M-10	0.98	0.34	275	0.2	25	0.18
	121062	1.97	1.38	M-10	0.98	0.37	250	0.28	25	0.26
	121203	1.97	1.57	M-10	0.98	0.39	210	0.33	25	0.3
	121063	1.97	1.77	M-10	0.98	0.42	190	0.35	25	0.31
	121204	1.97	1.97	M-10	0.98	0.42	170	0.37	25	0.33
	121064	1.97	2.36	M-10	0.98	0.49	150	0.39	25	0.35
	121071	2.36	0.98	M-10	0.98	0.46	400	0.12	30	0.1
	121072	2.36	1.42	M-10	0.98	1	300	0.24	30	0.22
	121073	2.36	1.77	M-10	0.98	1	250	0.31	30	0.28
	121074	2.36	2.36	M-10	0.98	1	200	0.35	30	0.31
	121081	2.76	1.38	M-10	0.98	1	450	0.24	35	0.22
	121082	2.76	1.97	M-10	0.98	1	350	0.3	35	0.28
	121083	2.76	2.36	M-10	0.98	1	300	0.31	35	0.28
	121084	2.76	2.76	M-10	0.98	1	300	0.37	35	0.33
	121091	2.95	0.98	M-12	1.18	1	650	0.14	37	0.12
	121092	2.95	1.57	M-12	1.18	1	500	0.3	37	0.28
	121093	2.95	1.77	M-12	1.18	1	500	0.35	37	0.31
	121094	2.95	2.17	M-12	1.18	1	450	0.39	37	0.35

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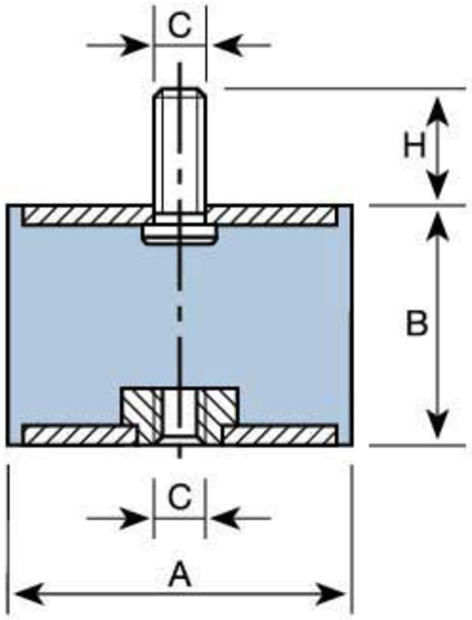
BOBBINS TYPE B 80-150



Type	Code	A(in)	B(in)	C(in)	H(in)	Weight(lbs)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (in)	SHEAR Max. Load (daN)	SHEAR Deflection (in)
BOBBINS TYPE B 80-150	121101	3.15	1.18	M-14	1.38	1	950	0.16	40	0.16
	121102	3.15	1.57	M-14	1.38	1	600	0.28	40	0.28
	121103	3.15	1.97	M-14	1.38	1	550	0.31	40	0.31
	121104	3.15	2.17	M-14	1.38	1	550	0.33	40	0.33
	121105	3.15	2.76	M-14	1.38	1	500	0.47	40	0.47
	121106	3.15	2.95	M-14	1.38	2	450	0.49	40	0.49
	121111	3.74	1.57	M-16	1.77	2	1200	0.28	60	0.28
	121112	3.74	2.17	M-16	1.77	2	1000	0.35	60	0.35
	121113	3.74	2.36	M-16	1.77	2	800	0.43	60	0.43
	121114	3.74	2.95	M-16	1.77	2	700	0.51	60	0.51
	121121	4.13	1.97	M-16	1.77	2	1200	0.24	80	0.24
	121122	4.13	2.95	M-16	1.77	3	1000	0.31	80	0.31
	121123	4.13	3.94	M-16	1.77	3	800	0.43	80	0.43
	121131	4.72	1.97	M-16	1.77	2	1500	0.26	100	0.26
	121132	4.72	2.95	M-16	1.77	3	1200	0.39	100	0.39
	121133	4.72	3.94	M-16	1.77	4	1000	0.47	100	0.47
	121142	5.12	1.97	M-16	1.77	4	1600	0.35	120	0.35
	121143	5.12	2.95	M-16	1.77	4	1450	0.51	120	0.51
	121144	5.12	3.94	M-16	1.77	5	1200	0.63	120	0.63
	121151	5.91	1.97	M-20	1.97	7	1800	0.35	140	0.35
	121152	5.91	2.95	M-20	1.97	9	1650	0.51	140	0.51
	121153	5.91	3.94	M-20	1.97	8	1400	0.63	140	0.63

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Technical characteristics

Depending on the size of the rubber block, the AMC Mecanocaucho® bobbing has more or less elasticity, which is greater particularly in all directions perpendicular to its axis (shear). The AMC Mecanocaucho® bobbing thus makes it possible to make joins which permit major relative movements, up to several millimetres (in the case of heat expansion, chassis deformations, etc.). The AMC Mecanocaucho® bobbing serves very well for the vibration isolation of machines where the vibrations are perpendicular to their axis, unless these stresses are too much when applied in this direction.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

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