

AT

DESCRIPTION

AMC MECANOCAUCHO® AT mounts are specifically designed to provide isolation for medium to high frequency applications.

The rubber section is fully bonded to two concentric tubular parts. The inner metal is a plain tube design. The outer metal part is also mainly tubular but has a manufacturing process Flanged effect at one end with a variation in the number of attachment holes.

OPERATION AND ASSEMBLY

The AT type design uses the rubber in a shear mode. In order to ensure optimum operation and life expectancy, it is recommended to use a suitable washer design at each end to provide a progressive stiffness under loads in compression for the top section, and rebound control in the case of overload conditions. When used with top and bottom washers as recommended, the installations are 'Fail Safe' when bolted to the suspended equipment.

TECHNICAL CHARACTERISTICS

Type AT mounts have a radial to axial ratio of 4:1 , thus providing good horizontal stability.

It is manufactured in three hardnesses to facilitate the choice of the most suitable mount (Soft: hardness A 45, Medium sized: hardness B 60 and Hard: hardness C 75).



ADVANTAGES

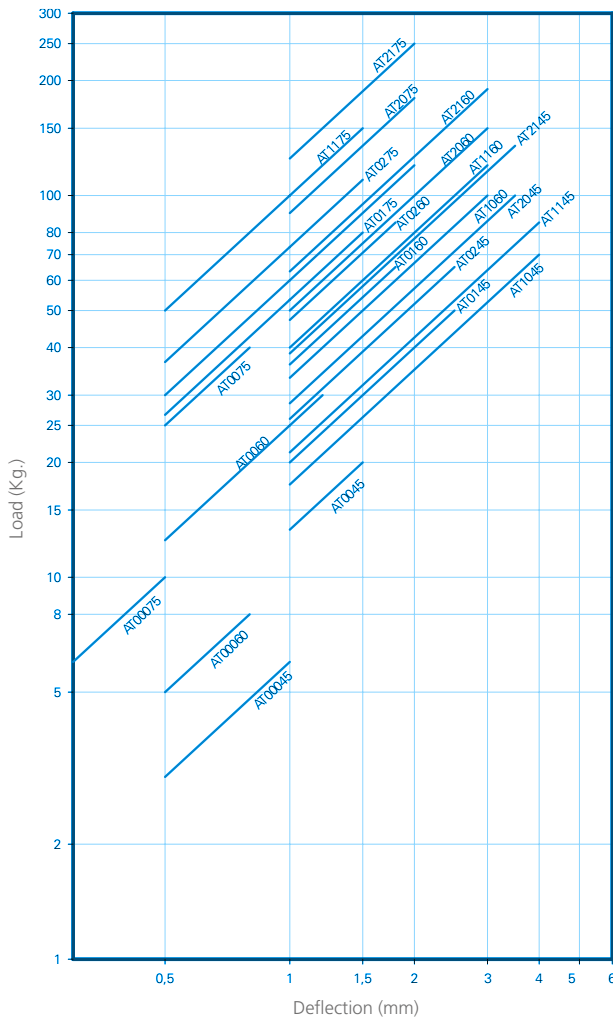
- Robust design, strong metal parts.
- Easily installed to support structures, 3 hole or 4 hole attachment depending upon size selected.

APPLICATIONS

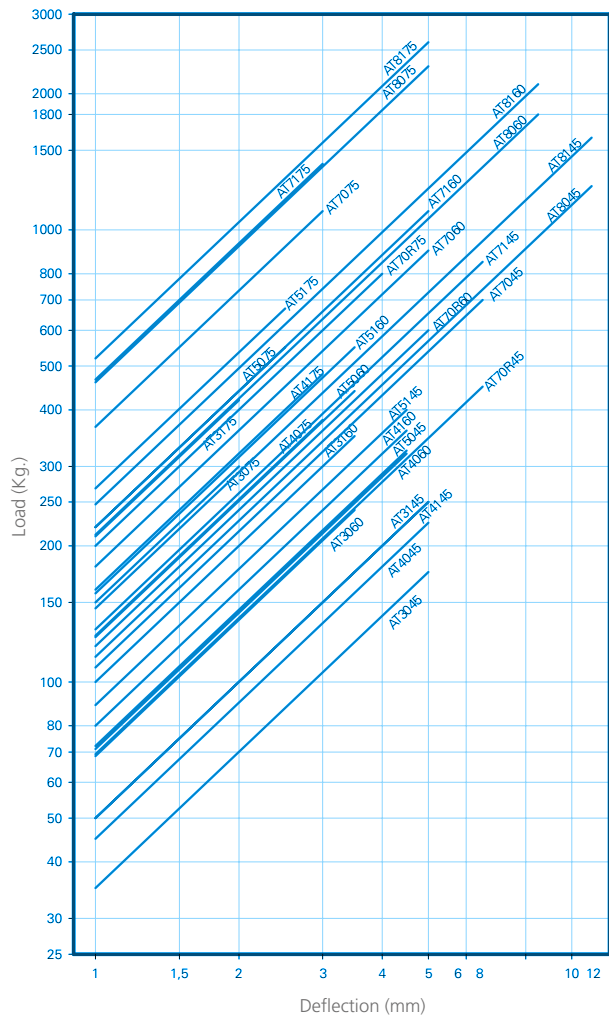
The AT elastic mounts can be used to great advantage for the vibration isolation of engines, piston compressors, presses, electric transformers, mobile units, machines, on concrete buttresses, etc.



NATURAL FREQUENCY
 AMC MECANOCAUCHO® AT 000-21 TYPE



LOAD DEFLECTION GRAPH
 AMC MECANOCAUCHO® AT 30-81 TYPE



Type	A (mm.)	B (mm.)	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	J (mm.)	Weight (gr.)	FIG.	Code	Load (Kg.)	Shore
AT 000	25	11	3	6,5	6,4	20	4	19	3,2			3	132171	6	45 Sh
													132172	8	60 Sh
													132173	10	75 Sh
AT 00	36	28	12,5	11,5	8,2	26	12	26	5,2		39	3	132101	20	45 Sh
													132102	30	60 Sh
													132103	40	75 Sh
AT 01	48	40	18	18	12,1	37,5	8	-	-			1	-	50	45 Sh
													-	65	60 Sh
													-	80	75 Sh
AT 02	48	51	24	18	12,1	37,6	8	-	-		144	1	132104	65	45 Sh
													132105	85	60 Sh
													132106	110	75 Sh
AT 10	60	47	18	19	12,2	49	11	69	8,2	73		4	132175	70	45 Sh
													132176	100	60 Sh
													132177	120	75 Sh
AT 11	60	60	30,5	19	12,2	49	11	69	8,2	73	250	4	132107	85	45 Sh
													132108	120	60 Sh
													132109	150	75 Sh
AT 20	71	55	27,5	19	18,3	55,7	10	-	-		344	1	132110	100	45 Sh
													132111	150	60 Sh
													132112	180	75 Sh
AT 21 round	70	70	38,5	20,7	18,3	55,7	10	80	8,5	86	437	1	132113	135	45 Sh
													132114	190	60 Sh
													132115	250	75 Sh
AT 21 lugs	70	70	38,5	20,7	18,3	55,7	10	80	8,5	86	437	4	132116	135	45 Sh
													132117	190	60 Sh
													132118	250	75 Sh
AT 30	91	75	29	28	20,2	65	16	78	8,5		522	2	132119	175	45 Sh
													132131	240	60 Sh
													132132	300	75 Sh
AT 31 round	90	95	47	28	20,2	65	16	95	8,5		775	1	132133	250	45 Sh
													132134	350	60 Sh
													132135	420	75 Sh
AT 31 lugs	90	95	47	28	20,2	65	16	95	8,5	107	780	4	132136	250	45 Sh
													132137	350	60 Sh
													132138	420	75 Sh
AT 40 round	100	90	42	28	22,2	74	18	100	8,5	112	789	1	132139	225	45 Sh
													132140	320	60 Sh
													132141	380	75 Sh
AT 40 lugs	100	90	42	28	22,2	74	18	100	8,5	112	780	4	132142	225	45 Sh
													132143	320	60 Sh
													132144	380	75 Sh
AT 41 round	100	110	49	28	22,2	74	18	100	8,5	112	895	1	132145	250	45 Sh
													132146	360	60 Sh
													132147	480	75 Sh
AT 41 lugs	100	110	49	28	22,2	74	18	100	8,5	112	780	4	132148	250	45 Sh
													132149	360	60 Sh
													132161	480	75 Sh
AT 50	120	100	47	33	40,2	86	20	114	8,5		1305	4	-	325	45 Sh
													-	440	60 Sh
													-	550	75 Sh
AT 51	120	120	63	53	40,2	86	20	104	10,5		1494	2	-	400	45 Sh
													-	440	60 Sh
													-	670	75 Sh
AT 70 lower	163,5	97	36	43,5	60,2	118	22	145	10,5		3124	2	132162	450	45 Sh
													132163	600	60 Sh
													132164	800	75 Sh
AT 70	163,5	140	66	46	60,2	118	22	145	10,5		3124	2	132165	700	45 Sh
													132166	900	60 Sh
													132167	1100	75 Sh
AT 71	163,5	170	96	46	60,2	118	22	145	10,5		3790	2	132168	850	45 Sh
													132169	1100	60 Sh
													132170	1400	75 Sh
AT 80	230	167	95	53	80	170	30	204	12,2		7096	2	-	1250	45 Sh
													-	1800	60 Sh
													-	2300	75 Sh
AT 81	230	185	113	53	80	170	30	204	12,2		7702	2	-	1600	45 Sh
													-	2100	60 Sh
													-	2600	75 Sh

Fig. 1

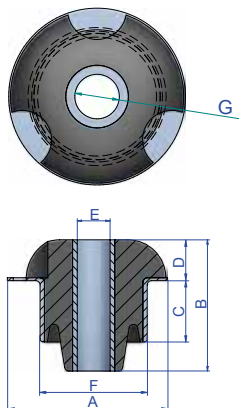


Fig. 2

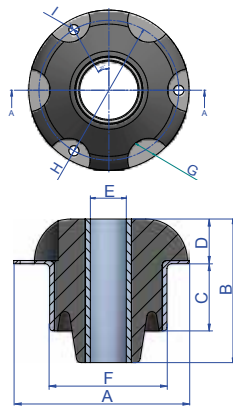


Fig. 3

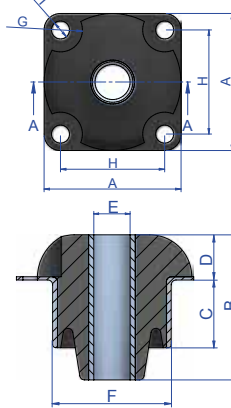


Fig. 4

