

# 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 and to ensure optimum operation and life expectancy it is recommended that a suitable washer design is used at each end to provide a progressive stiffness under load 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

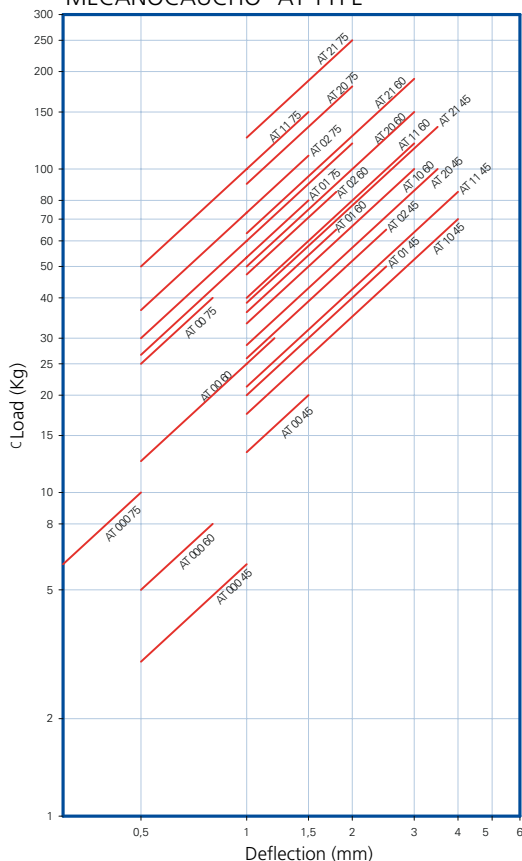
- Robust design, strong metal parts.
- Easily installed to support structures, 3 hole or 4 hole attachment depending upon size selected.

## APPLICATIONS

The "A.T." 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.

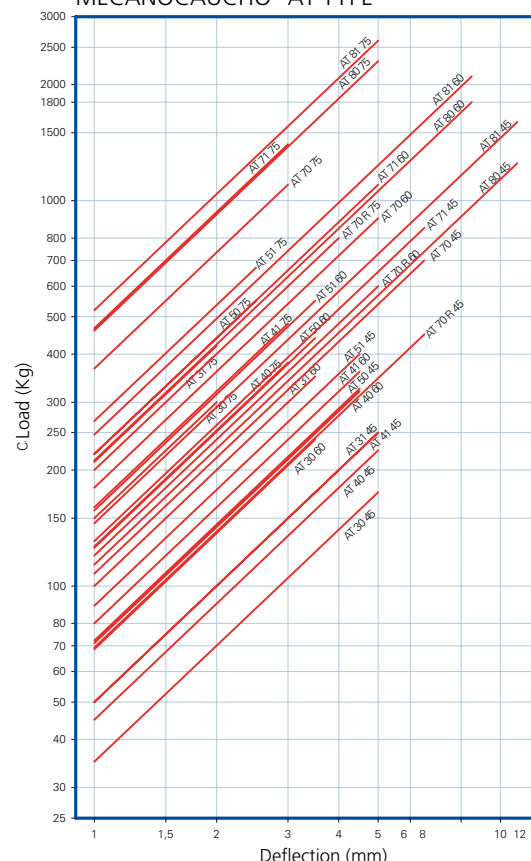
## AT DEFLECTION

AMC LOAD DEFLECTION GRAPHS  
MECANOCAUCHO® AT TYPE



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TYPE	A	B	C	D	E	F	G	H	I	J	FIG.	AMC	CODE 45 Sh	CODE 60 Sh	CODE 75 Sh	WEIGHT (g.)
AT 000	25	11	3	7	6,2	20	4	19	3,2		3	Ref Load (kg)	132171 6	132172 8	132173 10	
AT 00	36	28	12,5	11,5	8,1	26	12	26	5,2		3	Ref Load (kg)	132101 20	132102 30	132103 40	39
AT 01	48	40	18	18	12,1	37,5	8	-	-		1	Ref Load (kg)	50	65	80	
AT 02	48	51	24	18	12,1	37,5	8	-	-		1	Ref Load (kg)	132104 65	132105 85	132106 110	144
AT 10	60	47	20	18	12,2	49	8	69	8,2	73	4	Ref Load (kg)	132175 70	132176 100	132177 120	
AT 11	60	60	31	18	12,2	49	8	69	8,2	73	4	Ref Load (kg)	132107 85	132108 120	132109 150	250
AT 20	70	55	27	19	18,2	55,7	10	-	-		1	Ref Load (kg)	132110 100	132111 150	132112 180	344
AT 21 round	70	70	39	19	18,2	55,7	10				1	Ref Load (kg)	132113 135	132114 190	132115 250	437
AT 21 lugs	70	70	39	19	18,2	55,7	10	80	8,5	86	4	Ref Load (kg)	132116	132117	132118	437
AT 30	90	75	29	28	20,2	65	16	78	8,5		2	Ref Load (kg)	132119 175	132131 240	132132 300	522
AT 31 round	90	95	47	28	20,2	65	16				1	Ref Load (kg)	132133 250	132134 350	132135 420	775
AT 31 lugs	90	95	47	28	20,2	65	16	95	8,5	107	4	Ref Load (kg)	250	350	420	
AT 40 round	100	90	42	28	22,2	74	18				1	Ref Load (kg)	132139 225	139140 320	132141 380	789
AT 41	100	110	49	28	22,2	74	18	100	8,5	112	1	Ref Load (kg)	132145 250	132146 360	132147 480	895
AT 50	120	100	47	33	40,2	86	20	114	8,5		4	Ref Load (kg)	325	440	550	1305
AT 51	120	120	63	53	40,2	86	20	104	10,5		2	Ref Load (kg)	400	550	670	1494
AT 70 red.	165	98	36	46	60,2	118	22	145	10,5		2	Ref Load (kg)	132162 450	132163 600	132164 800	2200
AT 70	165	140	66	46	60,2	118	22	145	10,5		2	Ref Load (kg)	132165 700	132166 900	132167 1100	3124
AT 71	165	170	96	46	60,2	118	22	145	10,5		2	Ref Load (kg)	132168 850	132169 1100	132170 1400	3790
AT 80	230	167	95	53	80	170	30	204	12,2		2	Ref Load (kg)	1250	1800	2300	7096
AT 81	230	185	113	53	80	170	30	204	12,2		2	Ref Load (kg)	1600	2100	2600	7702

