

Concentric Bushings

Compact and robust elastomeric bushings designed to withstand high loads while allowing small angular movements without lubrication.



AMC-MECANOCAUCHO® Concentric Bushings are elastomeric components designed to provide **flexible mechanical joints** while isolating vibrations and shocks.

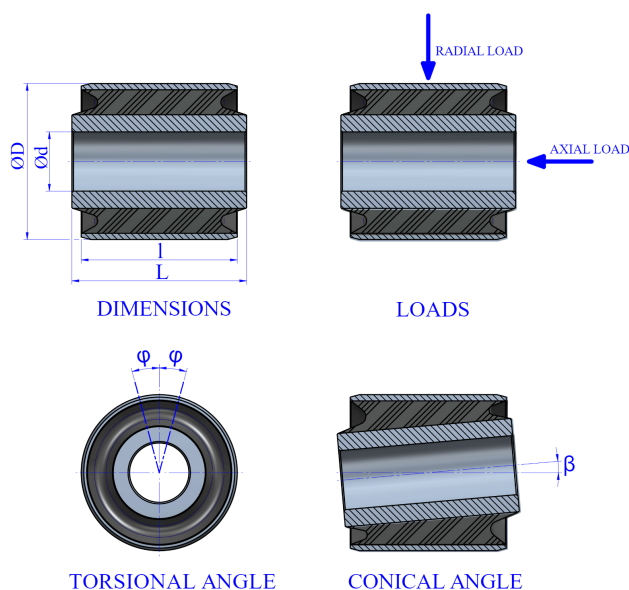
Their design consists of a **concentric inner element and outer sleeve**, bonded together by an elastomer that works primarily in torsion during angular movement. This configuration provides a **metal-to-metal contact-free joint**, reducing wear and eliminating the need for lubrication.

Thanks to their compact and robust design, these bushes can **withstand high loads** while allowing small angular movements and reducing the transmission of vibrations to the structure.

Concentric Bushes are particularly suitable for **vehicle cabs, engines, mobile machinery, industrial equipment and mechanical linkages** requiring flexibility, durability and long service life.

Drawings

BUSHINGS



Type	Code	d(in)	D(in)	l(in)	L(in)	Weight(lbs)	Torsion Mt Max.(Nm)	Angle Torsion Max. ϕ (°)	Conical Angle Max. β (°)	Max. Axial Load (kg)	Max. Axial Deflection(in)	Max. Radial Load (kg)	Max. Radial Deflection(in)
BUSHINGS	154005	0.39	0.87	0.98	1.18	0.07	7	10	3	50	0.04	190	0.02
	154006	0.39	0.87	1.18	1.26	0.08	9	10	2	60	0.03	230	0.02
	154168	0.39	0.98	0.79	0.98	0.07	8	10	3	25	0.04	200	0.03
	154103	0.47	1.18	1.1	1.34	0.14	10	15	2	60	0.07	180	0.03
	154077	0.47	1.26	2.17	2.32	0.29	19	16	2	120	0.11	700	0.07
	154104	0.48	1.57	1.58	2.36	0.44	16	20	3	45	0.04	120	0.02
	154086	0.48	1.83	2.05	2.36	1	33	25	3	110	0.06	300	0.04
	154107	0.55	1.06	1.57	1.77	0.18	20	10	2	60	0.08	450	0.02
	154080	0.63	1.26	0.87	1.18	0.16	14	10	3	75	0.04	180	0.01
	154021	0.71	1.42	1.91	2.3	0.35	35	10	2	145	0.09	740	0.04
	154133	0.79	1.77	1.38	1.57	0.34	45	15	2	120	0.12	590	0.09
	154073	0.79	1.77	2.52	2.76	1	55	15	2	220	0.1	1000	0.06
	154196	0.79	1.78	2.72	2.95	1	30	7,2	2	220	0.11	1750	0.09
	154082	0.94	1.77	1.73	2.17	1	55	11	3	190	0.05	880	0.03
	154040	0.98	1.97	1.97	2.2	1	34	6,6	2	280	0.12	1000	0.04
	154044	0.98	1.97	3.15	3.35	1	49	14	2	300	0.09	1800	0.06
	154054	1.19	2.36	3.54	3.94	1	68	6,4	2	350	0.16	2400	0.06
	154079	1.26	2.6	1.85	2.17	1	77	15	3	250	0.06	850	0.04
	154043	1.57	2.76	2.17	2.56	1	138	12	3	340	0.1	2100	0.05
	154075	1.77	2.95	3.54	3.94	2	320	10	2	640	0.14	3500	0.07
	154091	1.77	3.15	1.77	1.77	1	80	11	4	155	0.08	790	0.08
	154061	1.97	3.15	3.94	4.33	3	450	9	1	800	0.15	5600	0.07



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