

Eccentric Bushes

Compact and robust elastomeric bushes providing high vertical flexibility and effective vibration isolation, particularly suitable for cab suspension systems.



AMC-MECANOCAUCHO® Eccentric Bushes are elastomeric components specifically designed for applications requiring **high flexibility in the vertical direction**, combined with effective control of movement in the other directions.

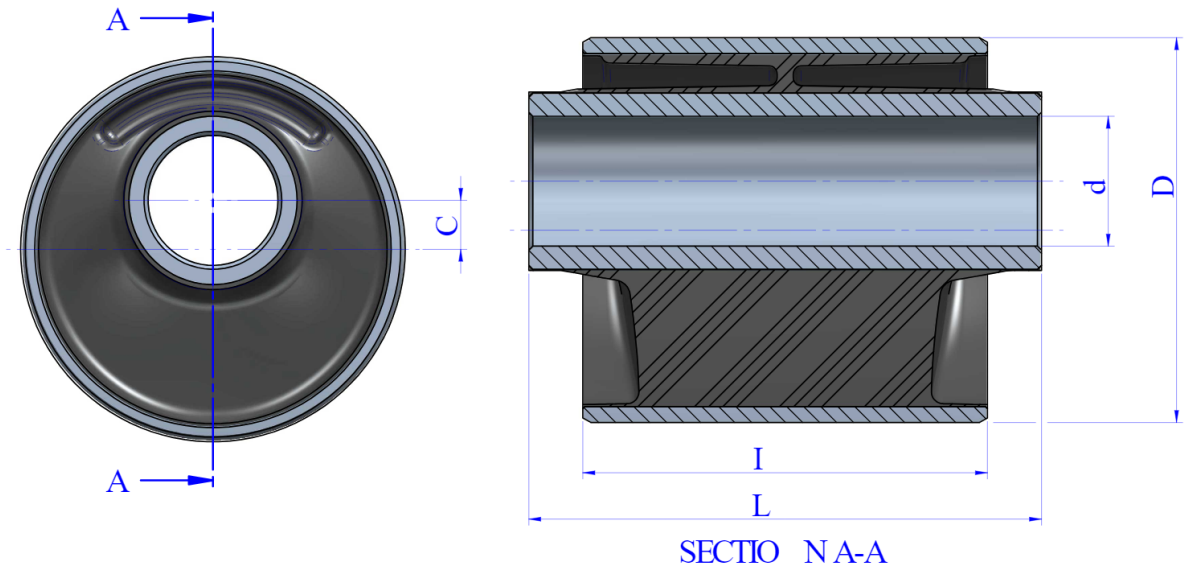
Their design is based on an **offset between the axis of the inner sleeve and that of the outer sleeve**. This geometry provides **different stiffness characteristics in each axis**, improving vibration isolation in the primary direction while maintaining the stability of the assembly.

By combining **flexibility, controlled movement and resistance to dynamic loads**, these bushes are particularly suitable for the **elastic suspension of vehicle cabs and mobile machinery**.

They can be used in cab suspension systems subjected to **high dynamic loads and FOPS/ROPS structural safety requirements**, where vibration isolation, movement capability and stability are required simultaneously.

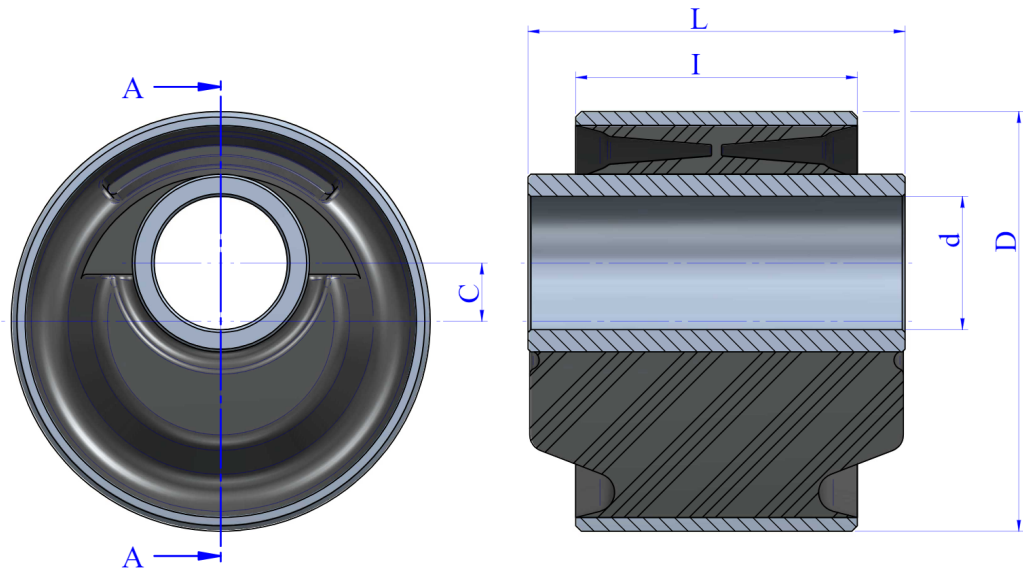
Drawings

MINI



Type	d(mm)	C(mm)	D(mm)	I(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
MINI	16,2	6,1	48	50,5	64	311	154161	110	45 Sh
							154163	180	60 Sh

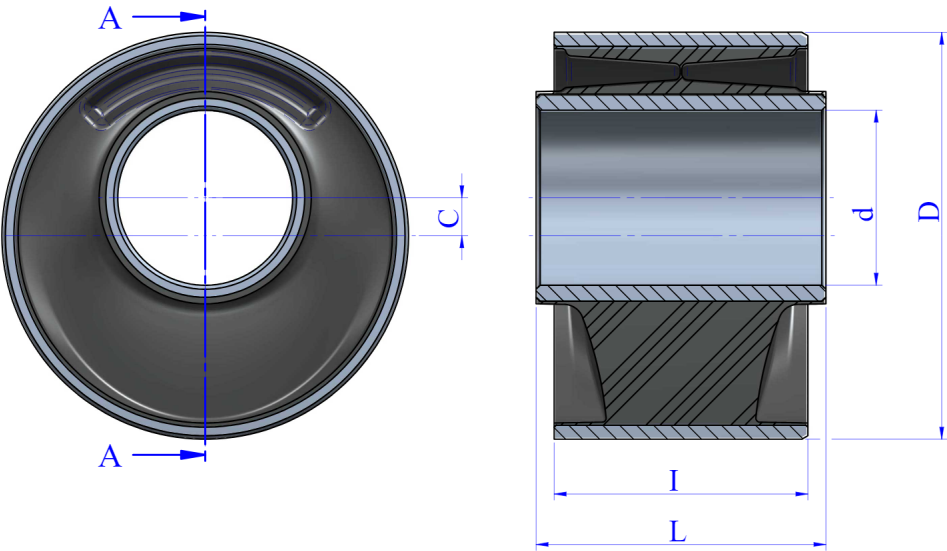
SMALL



SECTION A-A

Type	d(mm)	C(mm)	D(mm)	I(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
SMALL	24	10,5	75.6	50,8	68	554	154159	200	45 Sh
							154158	390	60 Sh

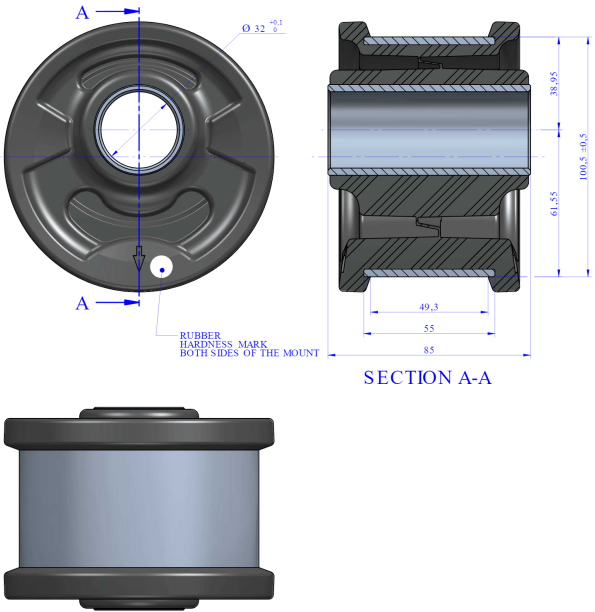
LARGE



SECTION A-A

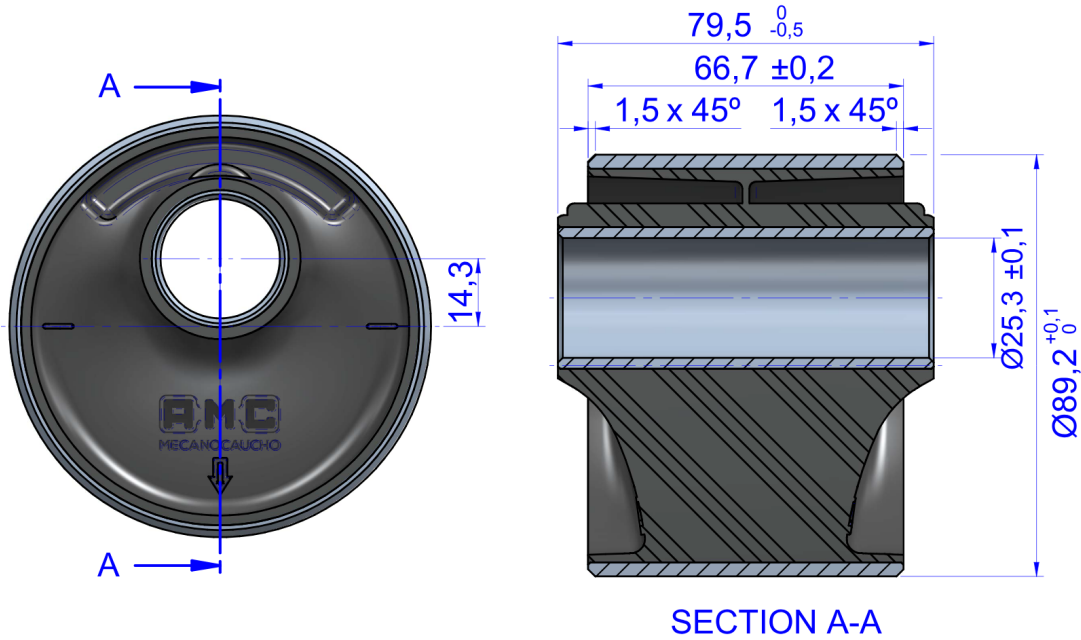
Type	d(mm)	C(mm)	D(mm)	I(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
LARGE	43,7	9,5	101,6	63,4	72,4	1096	154154	290	45 Sh
							154155	510	60 Sh

100 HD



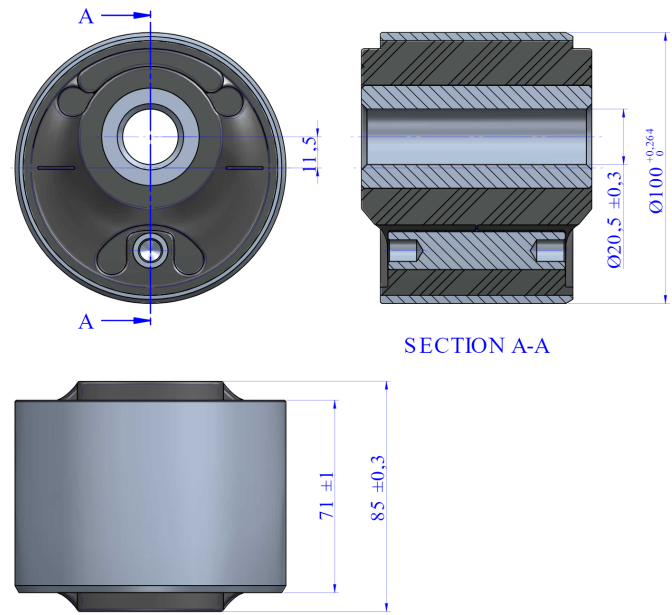
Type	d(mm)	C(mm)	D(mm)	l(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
100 HD	-	-	-	-	-	1046	154181	290	50 Sh
							154182	350	55 Sh
							154183	430	60 Sh
							154184	565	70 Sh

Ø90



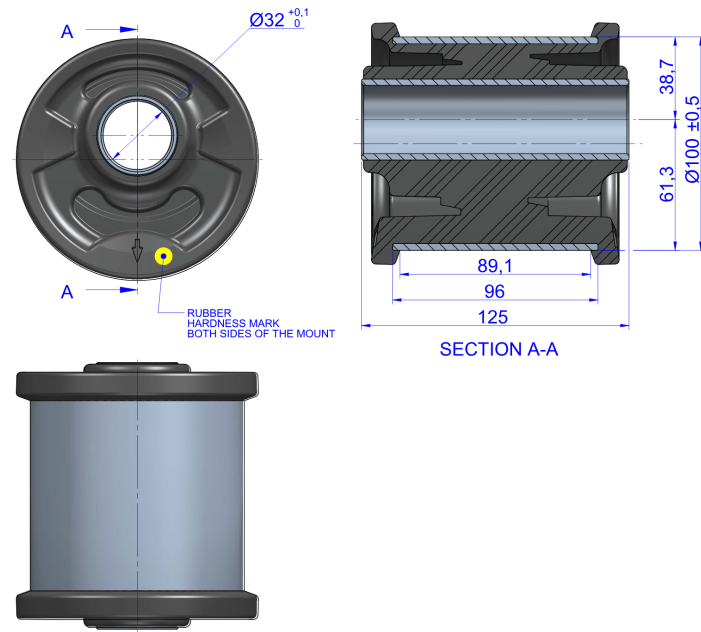
Type	d(mm)	C(mm)	D(mm)	l(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
Ø90	-	-	-	-	-	805	154136	350	65 Sh

100 RD



Type	d(mm)	C(mm)	D(mm)	l(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
100 RD	-	-	-	-	-	1558	154175	450	50 Sh

110 HD



Type	d(mm)	C(mm)	D(mm)	l(mm)	L(mm)	Weight(gr)	Code	Max. Load(kg)	Shore
110 HD	-	-	-	-	-	1663	154067	550	40Sh
							154142	700	50Sh
							154143	850	60Sh
							154144	1200	70Sh

Technical characteristics

- Optimal vibration damping and isolation.
- Fit to use for robust and safe constructions.
- Simple installation and application.

