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Core Locking / Holding Systems  
www.cor-lok.com



CAC's COR-LOK air shafts and chucks are manufactured under US Patent number 3825167, 3917187, 3937412, 41241763

# COR-LOK® Air Shaft for Cantilevered Mounting



For more information and specifications, visit:  
[www.cor-lok.com](http://www.cor-lok.com)

## Unique Air Shaft for Cantilevered Unwinding and Rewind Applications

COR-LOK cantilevered air shafts are different. Their unique design provides high-torque core locking with zero core damage. COR-LOK B2 series air shafts utilize inflating tube engineered to fit the COR-LOK spiral internal housing. Inflating the air shafts with pressurized air will actuate COR-LOK's interlocking segments to engage the core and lock it in place. These interlocking segments expand evenly around the circumference and across the width of the core, ensuring even torque distribution in the core's inside diameter. This means your cores will not slip and will not distort during the unwind/rewind process.

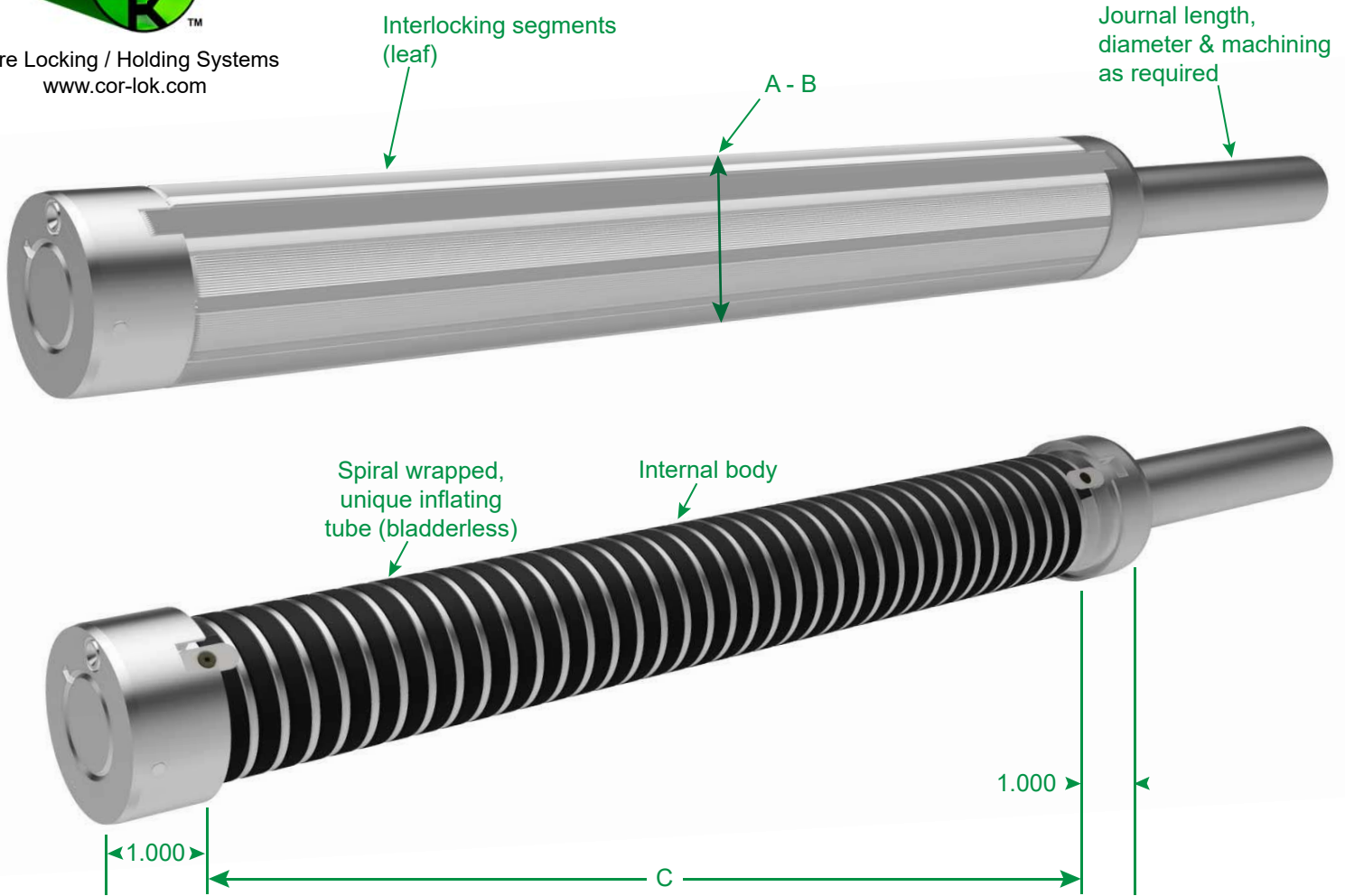
COR-LOK cantilevered air shaft bodies are supplied with thru bores, mounted to a thru shaft, locked in place with CAC's unique split bushing design. Custom designs are available, designed to fit your machine.

- Thru shaft design uses CAC's standard thru bore air shaft
- Journals designed for minimum deflection, low inertia
- Interlocking segment (leaf) design ensures rolls slide on and off easily for fast roll changes
- High torque output to ensure your cores stay locked - **no core slipping**
- Interlocking segment (leaf) design ensures zero core damage
- Engineered inflating tube (bladderless)
- **Built to last**
- **Made in the USA!**
- 2" - 18" Diameter cores
- 3" - 60" Roll or core width (go to [www.cor-lok.com](http://www.cor-lok.com) for specifications)
- Aluminum (standard), steel, stainless steel and carbon fiber construction
- **Designed to fit your cantilevered unwind or rewind stand**



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# Inside CAC's COR-LOK® Air Shafts



	A	B	C
Core size	Deflated Diameter	Inflated Diameter	Expanding Length
2	1-31/32	2-3/32	3-40
3	2-15/16	3-1/8	3-48
4	3-15/16	4-3/16	3-60
6	5-15/16	6-3/16	3-60
6-3/4	6-11/16	6-7/8	3-60
7	6-15/16	7-3/16	3-60
8	7-15/16	8-3/16	3-60
9	8-15/16	9-3/16	3-60
10	9-15/16	10-3/16	3-60
11	10-15/16	11-3/16	3-60
12	11-15/16	12-3/16	3-60

## Options

- Core stop flange
- Steel construction for heavy duty loads (aluminum construction standard)
- Carbon fiber construction
- Inflating tool
- Custom engineered journals with specialized machining
- Combine with CAC's unwind and rewind stands
- Special and metric core sizes

Notes: 1) All dimensions in inches.

2) Custom and metric core sizes available, please contact us for more information.



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