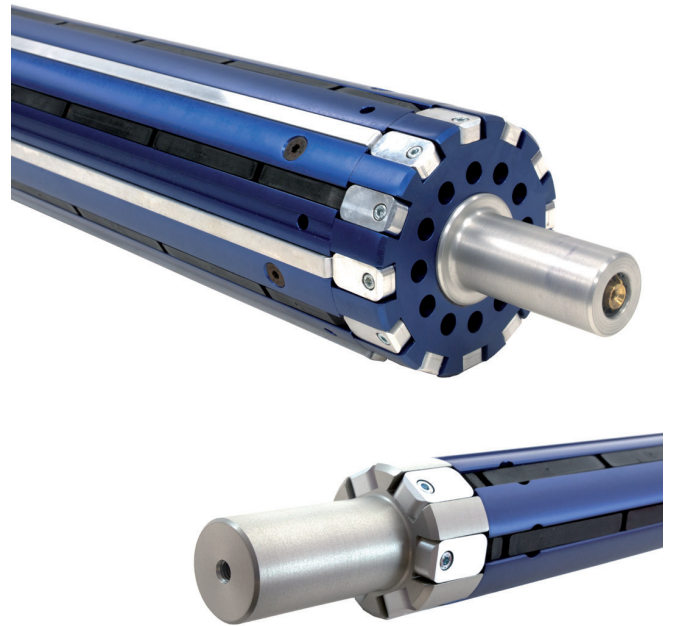


# CYCLONE HIGH SPEED CENTERING SHAFT



## UNWIND & REWIND APPLICATIONS

The Tidland Cyclone Series high speed centering shafts increase throughput by eliminating roll loping and enabling web handling operations to run smoothly at higher speeds. The external element, two-stage pneumatic design holds the core concentric to the body, reducing machine vibration and wear. The Cyclone Series is available in diameters ranging from 3 inches / 76,2 mm to over 20 inches / 508 mm.



## GENERAL SPECIFICATIONS

- Keeps the core concentric to the shaft body
- Best-in-class torque transfer
- Robust yet simple internal valve system uses a single circuit
- Lightweight aluminum body option for easy lifting

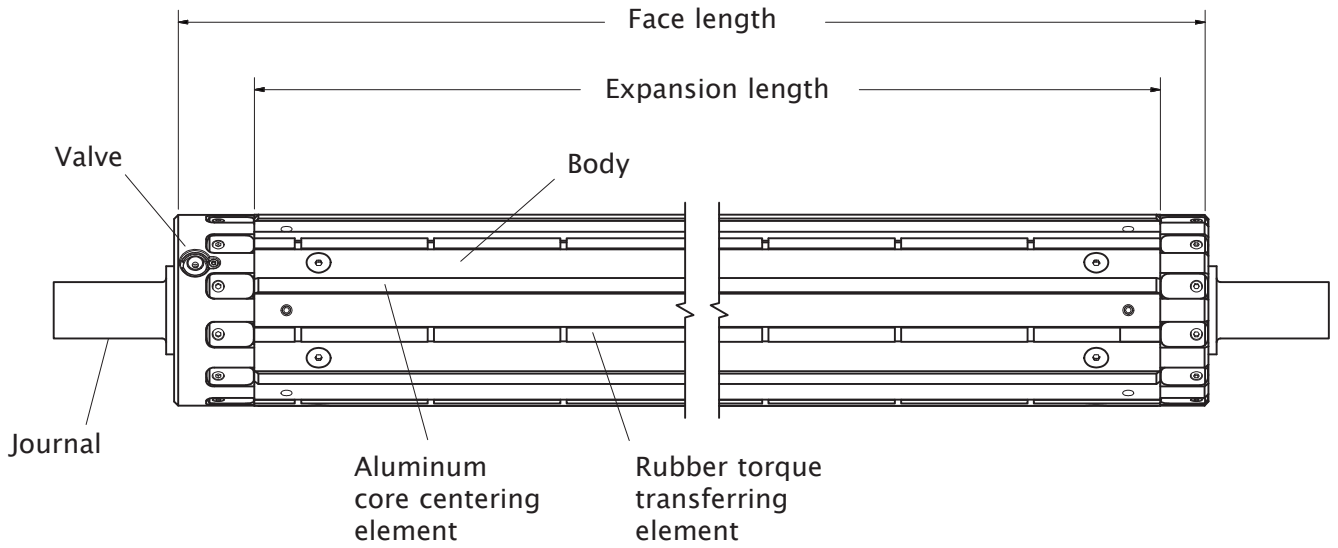
	3 inch / 76,2 mm		6 inch / 152,4 mm	
	mm	inches	mm	inches
Shaft Diameter	76,2	3,00	152,4	6,00
Collapsed	75,1	2,96	151,3	5,96
Expanded	80,0	3,15	156,2	6,15

## KEY FEATURES

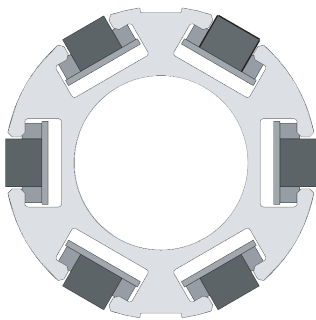
- Core centering reduces machine vibration, resulting in
  - faster production
  - better wound roll quality
  - less wear and tear on machine parts
- Easy loading and unloading of cores
- Quick and easy bladder maintenance
- Available in a wide range of sizes:  
3 inches / 76,2 mm to over  
20 inches / 508 mm

# CYCLONE HIGH SPEED CENTERING SHAFT

## DESCRIPTION

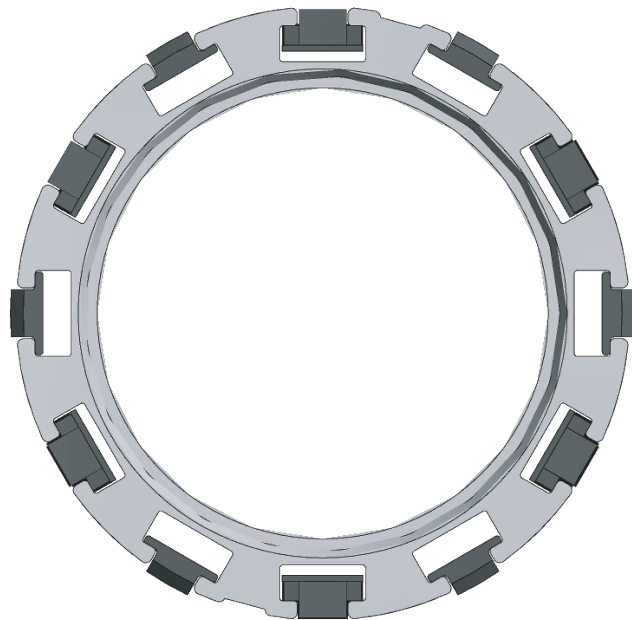


For core inner diameter  
3 inches / 76,2 mm



Centering bars are optionally  
available for the 76,2 mm version

For core inner diameter  
6 inches / 152,4 mm



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