

SERIES 860 MILL-DUTY AIR SHAFT

MAXCESS®

MAGPOWR



TIDLAND

MILL-DUTY WINDING APPLICATIONS

The Series 860 is a heavy-duty air shaft designed for maximum reliability and performance in demanding mill environments, reducing the cost and storage of expensive reel spool mandrels. This shaft utilizes our innovative two-piece expanding elements, with a spiral design that provides 360° of radial grip and intrinsically equalized load distribution.



The advanced features of these shafts include a two-piece body design, non-metallic retraction springs, durable poly bladder, and a fail-safe multi-circuit air system, with check valves to ensure that a loss of air in one element will not affect the expansion and performance of the other elements. Its ergonomic design also provides increased safety by eliminating the need for dangerous locking collars or wrenches. The Series 860 Mill Shaft is designed for heavy-duty in ID cores up to 610 mm (24 inches). The spiral strip design of this shaft minimizes core deformation and eliminates critical speed and vibration issues that prevent successful turn-ups and splices.

GENERAL SPECIFICATIONS

SERIES 860 MILL SHAFT HEAVY-DUTY

Up to 24 INCH ID Cores

Approximate Torque Capacities* (per inch of web)

NOMINAL SIZES (INCHES)	FIBER CORE (LB-IN)	STEEL CORE (LB-IN)
10	885	947
12	1415	1514
14	1650	1766
20	2944	3150

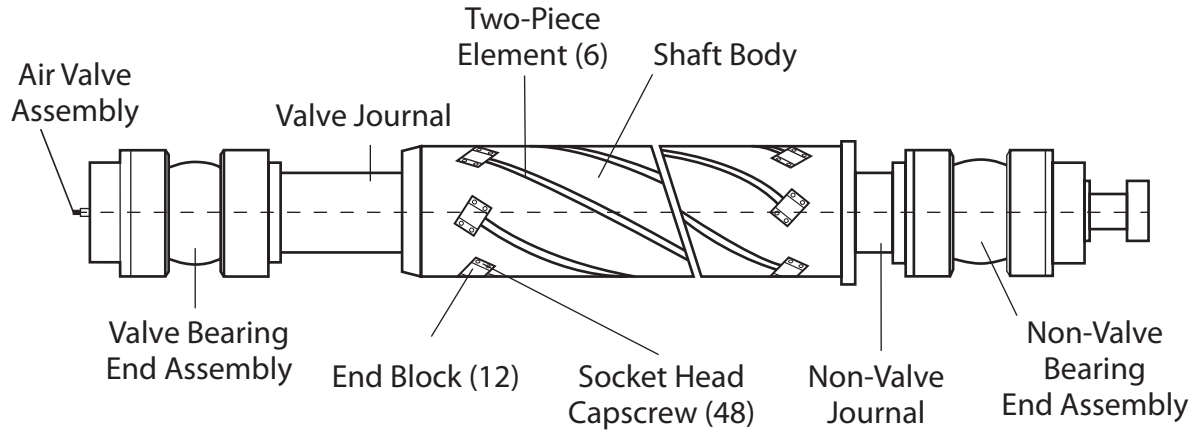
*Torque capacities are shown at 80 psi.

KEY FEATURES

- Heavy-duty shaft specifically engineered to perform in demanding mill environments
- Spiral strip design delivers 360° of radial grip and intrinsically equalized load distribution
- Two-piece expanding elements can be changed easily, without even removing the shaft from the machine
- Journal detail can be customized to fit existing equipment
- Available in many sizes to accommodate any converting application
- Faster, easier shaft handling maximizes productivity
- Durable construction designed to withstand abuse and abrasion
- Manufactured to your specifications

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DESIGN FEATURES



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