



TIDLAND

UNWIND & REWIND APPLICATIONS

Series 500 Air-Expanding Lug Shafts and Series 550 Mechanical-Expanding Lug Shafts are strong and versatile, delivering superior performance in the widest range of converting applications. Unmatched for positive holding power, the lug-style design eliminates core damage, prevents roll slip through fast startups and shutdowns, and minimizes vibration at high web speeds. Simple modular construction and standardized components mean quick, off-the-shelf spare parts and easy in-plant maintenance when necessary.



The Series 500 Lug Shaft is designed for light- to heavy-duty applications in 50.8 mm (2 inch) to 152.4 mm (6 inch) ID cores, often used in center unwind and rewind applications with either fiber or steel cores. These reliable shafts are constructed of alloy steel, aluminum, or lightweight, composite materials depending on usage and requirements.

The Series 550 Lug Shaft is designed for medium- to heavy-duty in 76.2 mm (3 inch) ID cores, often used in center unwind and rewind applications with either fiber or steel cores. The shaft body is constructed of 4150 heat treated steel or lightweight, composite materials. Each shaft is built to order with 85% fewer moving parts than other mechanical shafts.

GENERAL SPECIFICATIONS

Approximate Torque Capacities* (per inch of web)

Series 500 - Air
Light-to Heavy-Duty
 50.8 mm (2 inch)
 to 152.4 mm (6 inch)
 ID Cores

NOMINAL SIZE	FIBER CORE	STEEL CORE
INCHES	IN-LBS	IN-LBS
2	78	31
2.75	136	54
3	175	70
4	370	148
5	564	226
6	958	383

*Torque capacities shown at 80 psi

Series 550 - Mechanical
Medium- to Heavy-Duty
 76.2 mm (3 inch) ID Cores

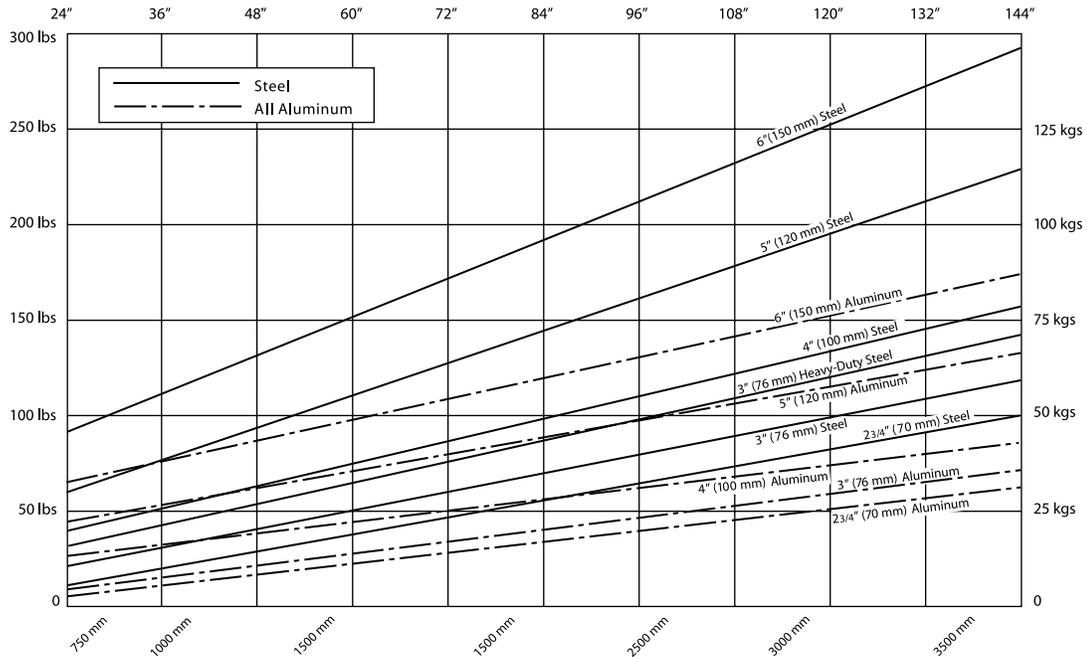
NOMINAL SIZE	FIBER CORE	STEEL CORE
INCHES	IN-LBS	IN-LBS
3	225	90
6	450	180

KEY FEATURES

- Lug-style design prevents roll slippage through fast startups and shutdowns
- 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
- Optional staggered lug design available for continuous gripping along entire length of core
- Optional stub styles available for optimum use of shaftless stands

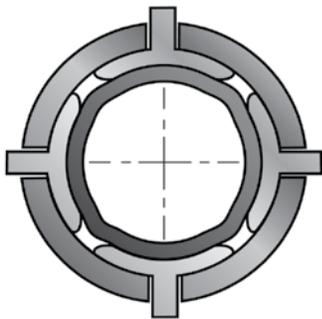
TIDLAND LUG-TYPE AIR SHAFTS

SHAFT WEIGHT COMPARISON

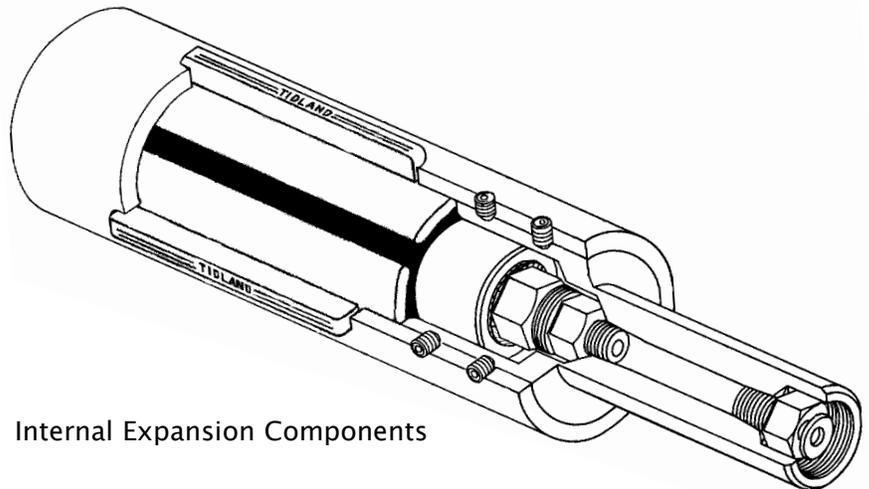


DESIGN FEATURES

Internal Expansion



Series 500 Lug Shaft



Internal Expansion Components



NORTH AMERICA
 Toll Free 800.426.1000
 Tel +1.360.834.2345
 Fax +1.360.834.5865
 sales@maxcessintl.com
 www.maxcessintl.com

SOUTH AMERICA
 Tel +55.11.3959.0990
 Fax +55.11.3856.0990
 southamerica@maxcessintl.com
 www.maxcessintl.com.br

EUROPE
 Tel +49.6195.7002.0
 Fax +49.6195.7002.933
 sales@maxcess.eu
 www.maxcess.eu

INDIA
 Tel +91.22.27602633
 Fax +91.22.27602634
 india@maxcessintl.com
 www.maxcess.in

CHINA
 Tel +86.756.881.9398
 Fax +86.756.881.9393
 info@maxcessintl.com.cn
 www.maxcessintl.com.cn

JAPAN
 Tel +81.43.421.1622
 Fax +81.43.421.2895
 japan@maxcessintl.com
 www.maxcess.jp

**KOREA, TAIWAN
 AND SE ASIA**
 Tel +65.9620.3883
 Fax +65.6235.4818
 asia@maxcessintl.com