Series 500 Lug

Air Shafts

Series 500 Air-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 slippage through fast startups and shutdowns, and minimizes vibration at high web speeds.

Simple modular construction and standardized components mean quick off-the-shelf spares service and easy in-plant maintenance when necessary.

The Series 500 Lug Shaft is designed for light- to heavy-duty in 70mm to 152mm (6") 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.

SPECS

Technical Specifications

Approximate Torque Capacities for Series 500 Lug

For each 25mm web width.
Figures based on air pressure 6Bar.
Higher torque through higher air pressure.

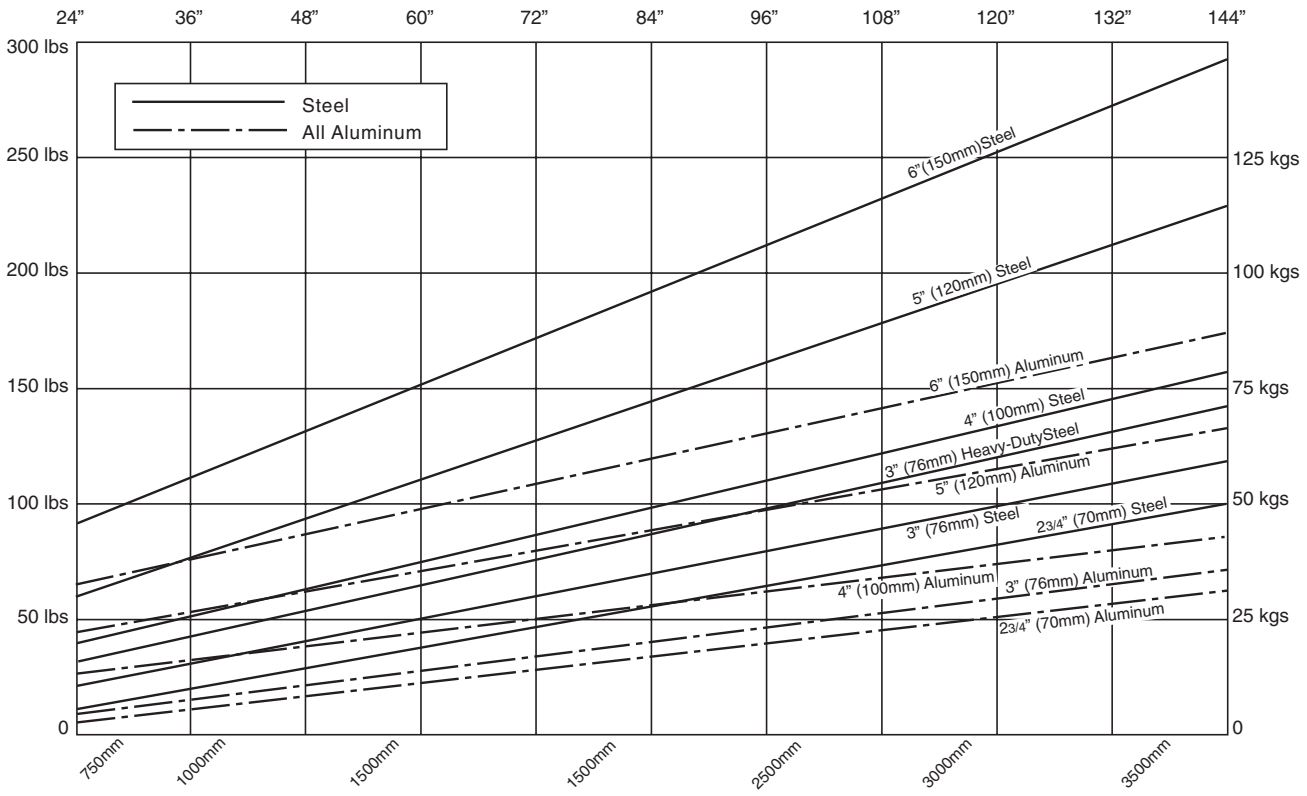
Core inner diameter	Fiber Core [Nm]	Fiber Core [in*lbs]	Steel Core [Nm]	Steel Core [in*lbs]
70mm (2¾“)	13,5	120	3,9	34
76mm (3“)	17,1	151	4,9	43
102mm (4“)	30,6	271	8,7	77
127mm (5“)	56,1	497	16	142
152mm (6“)	89,6	793	25,6	227

FEATURES

Key Features

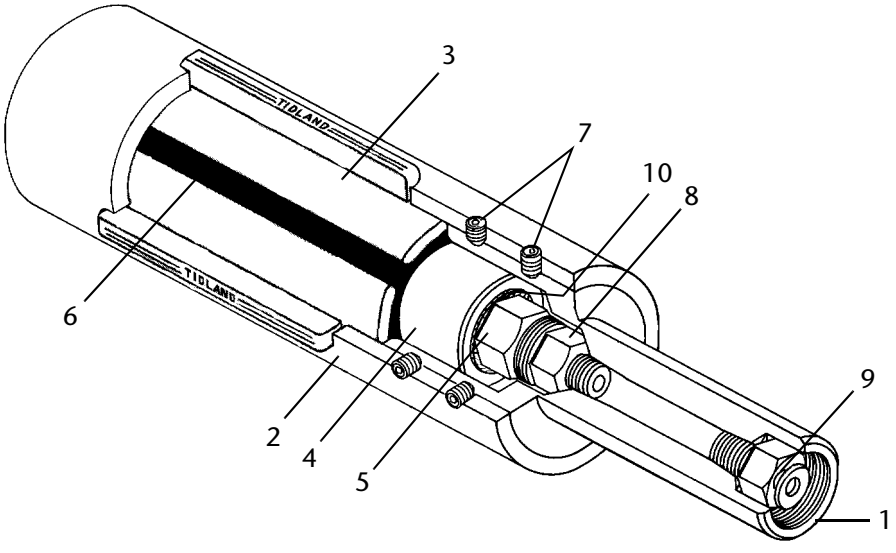
- Lug-style design prevents roll slippage through fast startups and shutdowns.
- Available in many sizes to accommodate any converting application.
- Faster, easier shaft handling maximizes productivity.
- Durable construction designed to withstand abuse and abrasion.
- Optional staggered lug design available for continuous gripping along entire length of core.
- Optional stub styles available for optimum use of shaftless stands.
- Manufactured to your specifications.

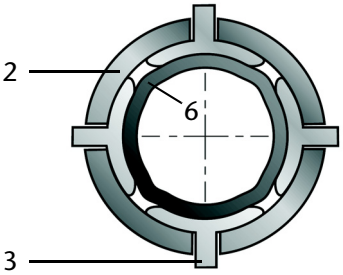
Appr. shaft weight of Series 500 Lug



Note: Figures might change, depending on journal design.

Design Features of Series 500 Lug





1 - Journal (valve side)
2 - Main body
3 - Internal leaves with lugs
4 - End cap
5 - Jam nut
6 - Rubber tube
7 - Set screw
8 - O-Ring-Connector
9 - Valve
10 - Washer

Fife-Tidland GmbH
Fifestraße 1, 65779 Kelkheim, Deutschland
Siemensstraße 13-15, 48683 Ahaus, Deutschland
Phone: +49-6195-7002-0
Fax: +49-6195-7002-933
E-Mail: info@maxcess.eu
Web: www.maxcess.eu

Fife-Tidland Ltd.
Millennium House - Progress Way
Denton/Manchester M34 2GP Great Britain
Phone: +44-161-320-2000
Fax: +44-161-320-4513
E-Mail: sales_uk@maxcess.eu
Web: www.maxcess.eu

Tidland Corporation
2305 SE 8th Avenue
Camas, WA 98607 USA
Phone: +1-360-834-2345
Fax: +1-360-834-5865
E-Mail: tidland@tidland.com
http://www.tidland.com

M168801 10/2007
32k-110-1.fm