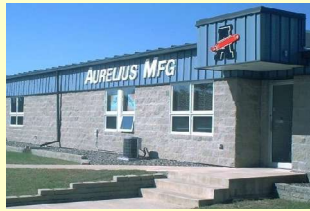




AURELIUS MFG CO INC

220 S.W. 8TH ST. - P.O. BOX 508
 BRAHAM, MN 55006
 320-396-3343 FAX 320-396-3346

SOLUTION PROFILE



Custom Welded Hydraulic Cylinders

- Bore – 1 to 6 inches
- Rod – 3/8 to 5 inches
 - hollows & specials
- Stroke – 0 to 20 feet
- Custom porting
 - NPT
 - S.A.E
 - O-ring
 - tube lines
 - specials
- Custom valving
 - Pads
 - Cavities

Contact Aurelius Mfg.

Phone: 320-396-3343
 Fax: 320-396-3346
 Email: info@aurelius-mfg.com

POSITION NUTS AS SHOWN AT ASSEMBLY (THIS END ONLY)

SERIAL NO: A _____

NOTE:
 1. ALL CONNECTIONS ARE 3/4-16 O-RING PORTS
 2. INSTALL CAPPLUGS IN ALL PORTS AT ASSEMBLY

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	40345	END GLAND
2	1	58328	PISTON
3	1	20358	SEAL KIT
4	1	98007	3/4-16UNF LOCK-NUT
5	1		SHAFT WELDMENT
6	1		TUBE WELDMENT
7	2		TUBE WELDMENT
8	2		1-1/16-12UNF JAMNUT
9	2		SHAFT WELDMENT
10	2	58778	END GLAND

TELE-TUBE

DIMENSIONS NOTED		AURELIUS MFG. CO. INC.	
Ø PL. DIA.	±.005	BRAHAM, MN.	
Ø PL. DIA.	±.020		
Ø PL. DIA.	±.080		
FINISH	±1"		
DATE			
SCALE			
TITLE			

Requirement: Plumb a post-and-beam outrigger assembly without using hose reels or loop tracks. Post-and-beam outrigger assemblies create slack in the control lines to the post cylinder when the beam retracts. The slack is often handled by using hose reels or loop tracks.

This cylinder solves the plumbing problem by using telescoping tube-lines. The tube-lines (sometimes called trombone tubes) extend and retract like a cylinder eliminating the troublesome slack in the hoses. In this case the two telescoping lines for the post cylinder were included as part of the beam cylinder assembly, creating a neat, compact package that reduced assembly time for the customer.