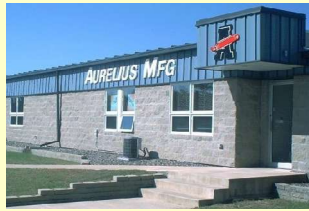




AURELIUS MFG CO
INC

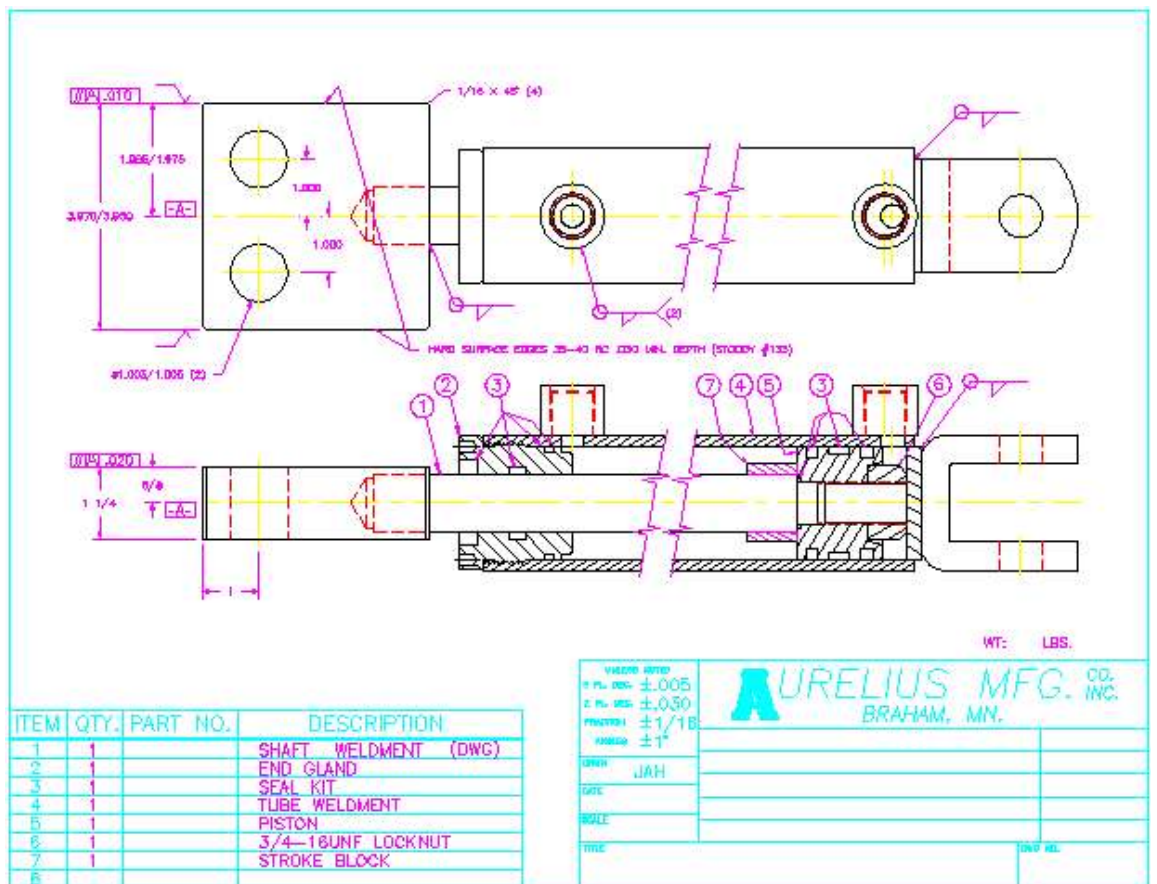
220 S.W. 8TH ST. - P.O. BOX 508
BRAHAM, MN 55006
320-396-3343 FAX 320-396-3346

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



Requirement: Improve the design of an assembly using a cylinder to drive a slide with rapid cycles. The original design made it difficult to keep the joint between the slide and the cylinder tight and properly aligned.

The cylinder was redesigned to incorporate a portion of the slide assembly as an integral part of the cylinder rod by providing hard-surfacing and the required machined shape. This change has increased reliability, lowered the overall cost and simplified the assembly process.

Contact Aurelius Mfg.

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