



**THIS DOCUMENT REPRESENTS:  
PHA-19-28-191-LB for  $\phi 28.0\text{mm}$  optic**

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING

DATE:  
11/05/04

DRAWN BY:  
RS

CHK'D BY:  
GJH

TOLERANCES:  
 (EXCEPT AS NOTED)  
 X.XXX =  $\pm 0.005$   
 X.XX =  $\pm 0.01$   
 X X/X =  $\pm 1/64$   
 ANGULAR:  $\pm 0.5^\circ$



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HAAS DOC.# PHA-19-28-191-LB-SALES

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.  
 CONTACT HAAS LTI FOR MORE INFORMATION.

PHA-19 LONG BODY PROCESS  
 HEAD FOR 191mm F.L.

BOM#

SCALE: 1:2/A