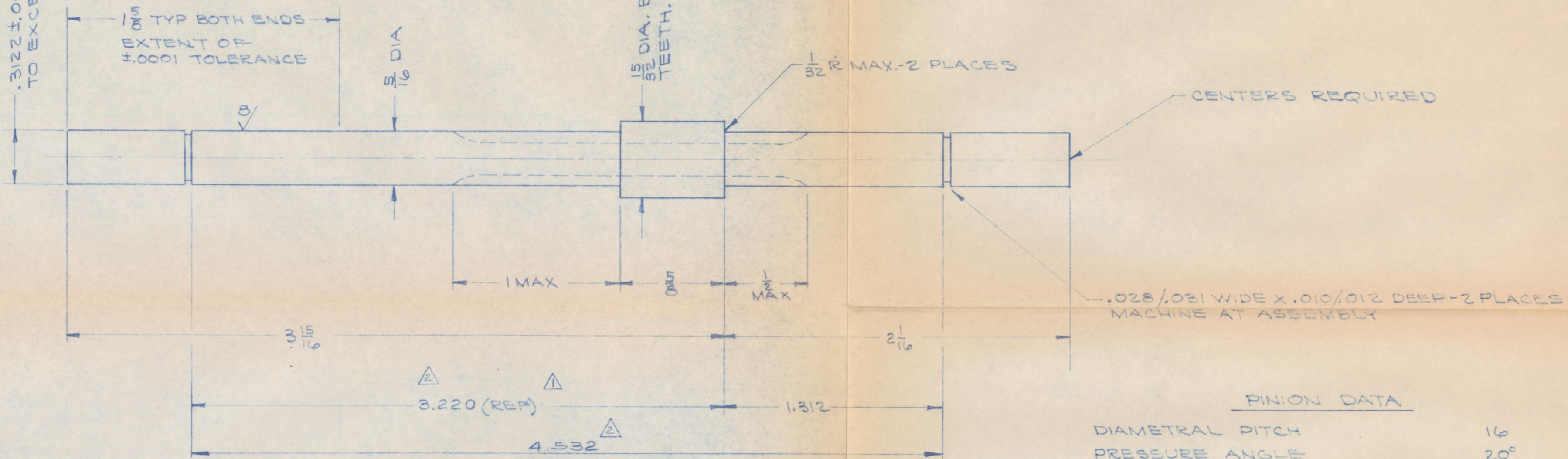


.312 ± .001 DIA. - RUNOUT NOT TO EXCEED .0002 TIR



NOTES

1. GENERATE ON CENTERS WITH HOB HAVING .094/.100 ADDENDUM AND .088 MIN. ACTIVE ADDENDUM.
2. HOB FLANKS GENERATE THE OUTSIDE DIAMETER.
3. MEASURE JOURNAL RUNOUT AND OUTSIDE RADIUS WITH RESPECT TO CENTERS,

MAT'L: STAINLESS STEEL TYPE 416  
 HEAT TREAT: Rc 28/32  
 FINISH: PASSIVATE

PINION DATA

DIAMETRAL PITCH	16
PRESSURE ANGLE	20°
NUMBER OF TEETH	4
OUTSIDE RADIUS	.2272/.2277
ROOT DIAMETER	.201/.216
SPAN DIMENSION ACROSS TWO TEETH	.3319/.3329
LEAD ERROR	.0005 MAX.

REF. GENERAL MILLS  
 DWG. 533019



**McCARTNEY MFG. CO.**  
 BAXTER SPRINGS KANSAS

PINION

UNLESS OTHERWISE SPECIFIED  
 TOLERANCE: FRACTIONS ± 1/64, DECIMALS ± .005  
 BREAK SHARP CORNERS AND EDGES ALL OVER.  
 SURFACE FINISH 125 ALL OVER.

REV. A	3.188 (REF.) WAS 4.500 (REF.)	5-23-64	REF. NO. A
REV. B	3.220 WAS 3.188	6-1-64	REF. NO. B
REV. C	ADDED DIMENSION 4.532	6-1-64	REF. NO. C

SCALE TWICE SIZE	DATE 10-2-63
MATL NOTED	HEAT TREAT NOTED
CATALOG No.	DWG. LEP
	APPRD.
	DWG. No. C-552