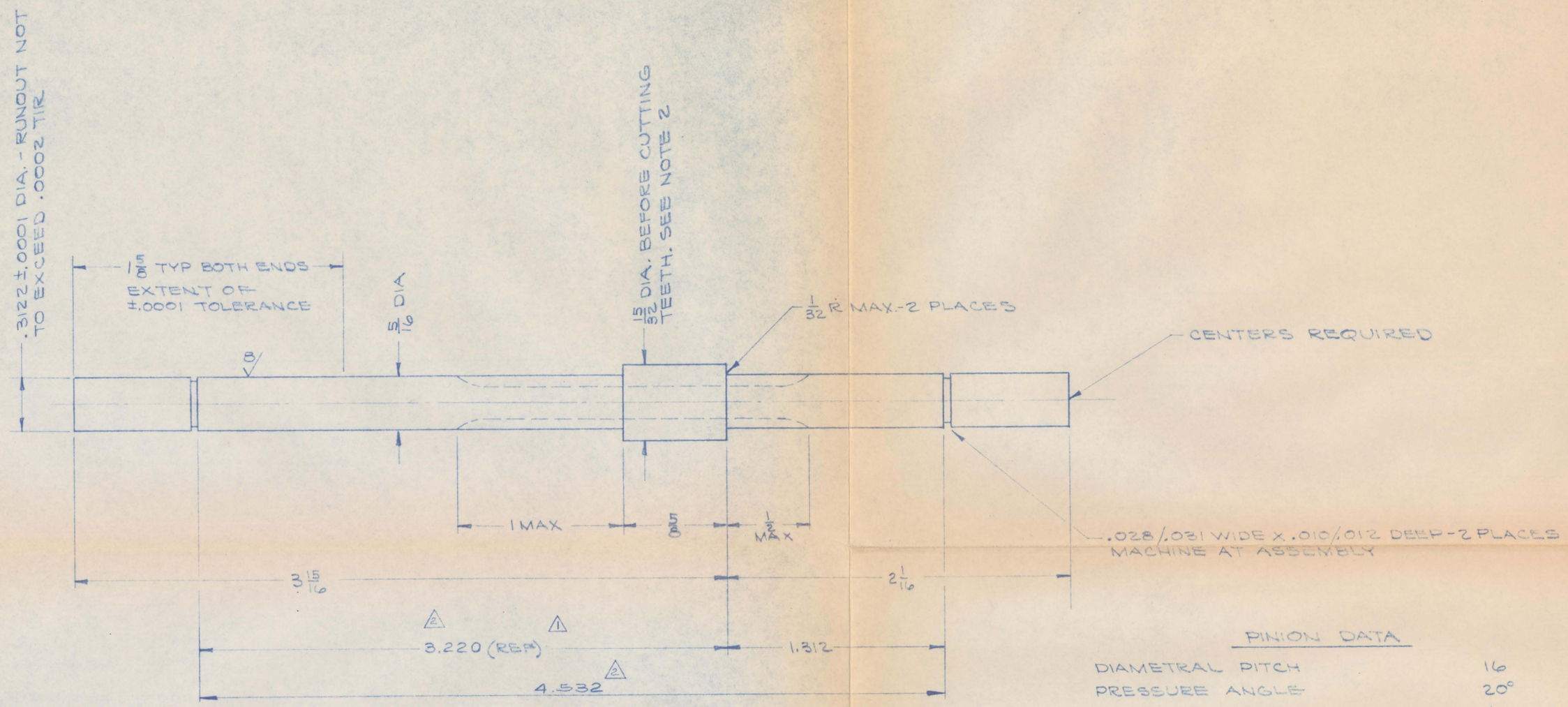

NOTES

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.

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.

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

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. 1	3.188 (REF.) WAS 4.500 (REF.)	5-23-64	REF. No.
REV. 2	3.220 WAS 3.188 ADDED DIMENSION 4.532	6-1-64	REF. No.
REV.			REF. No.

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