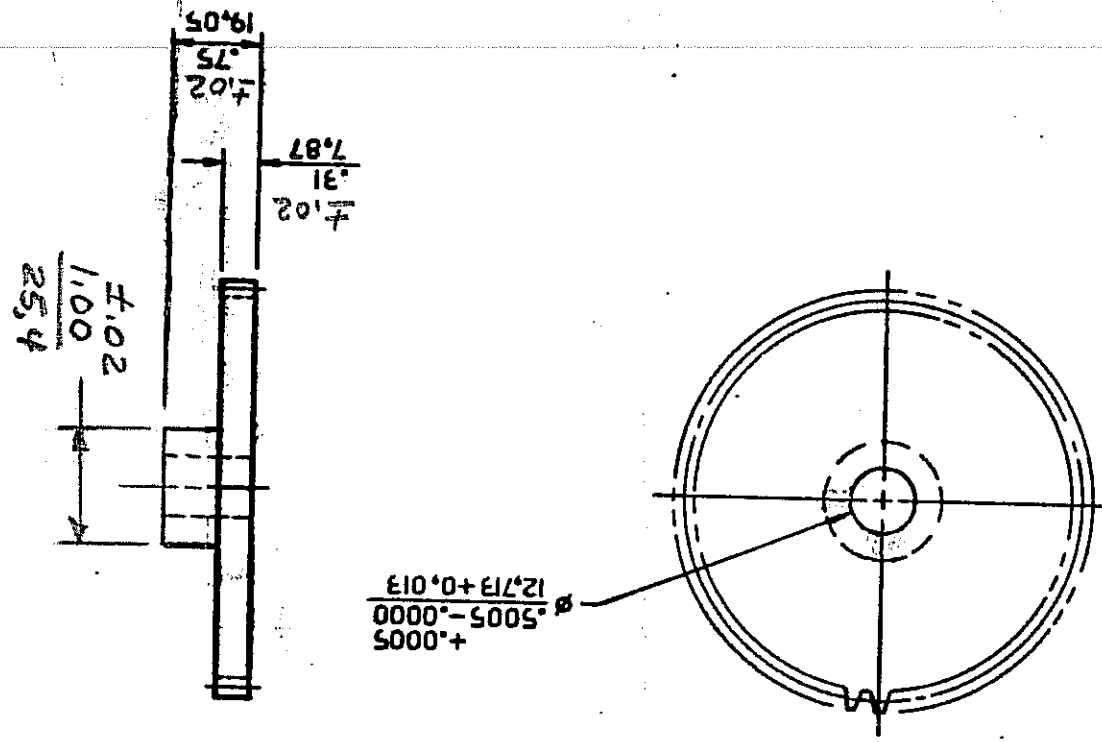


SPUR GEAR DATA

QUALITY CLASS	3	COMMERCIAL
NUMBER OF TEETH	112	
DIA METRAL PITCH	32	
PRESSURE ANGLE	20°	
STANDARD PITCH DIAMETER (THEORETICAL)	3.500 (88,9)	
TOOTH FORM	AM STD FULL DEPTH INVOLUTE	
MAX. CIR. THICKNESS ON STANDARD PITCH CIRCLE	.0484 (1,229)	
TESTING RADIUS (TIGHT MESH WITH STANDARD MASTER)	+0,000	
STANDARD RADIUS (TIGHT MESH WITH STANDARD MASTER)	1,749 ±.002 (44,425-0,051)	
MAX. COMPOSITE RADIAL VARIATION	.002 (0,05)	
MAX. TOOTH TO TOOTH RADIAL VARIATION	.001 (0,03)	
OUTSIDE DIAMETER	3,561 (90,45)	



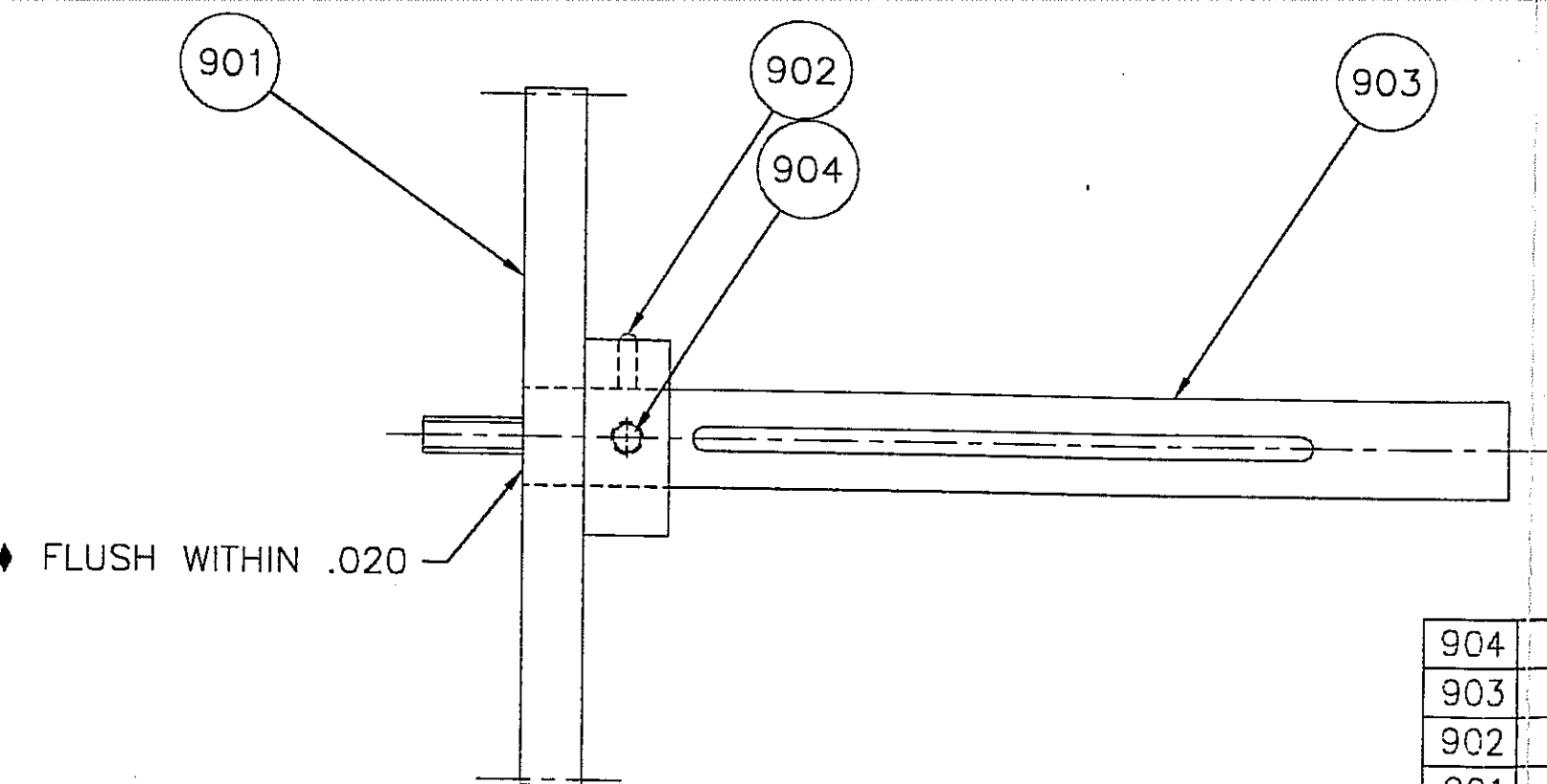
772647-755

Part # 2647755
Mat - Mat 1215

16-25-91
3-25-91

NOTES:
USE HAMMER & PUNCH TO FIRMLY SEAT TAPERED PIN ITEM 902.
PIN ENDS MAY BE PROTRUDING OR RECESSED AFTER INSTALLATION.
(press to 100 ft lbs)

REV	REVISION DESCRIPTION	BY	DATE	ECO #
B	REDRAWN FOR CLARITY, ADDED DIAMOND TO FLUSH CALLOUT.	VLF	12/2/94	65133
C	TYP0 CORRECTION ON ITEM 902 P/N.	JM	8/8/95	BCT000412
D	ADDED NOTE 1, ADDED ITEM 904.	REM	9/27/00	BCT008181



PER Communication with Dave Tyler
on 8-21-97, Runout of gear tooth pitch
dia. not to exceed .006.
Runout of gear face is inconsequential.
DT
10/2/00

904	1	EA	770151-720	SETSCREW
903	1	EA	772647-710	UPPER SHAFT
902	1	EA	770138-298	PIN
901	1	EA	772647-714	GEAR, SPUR
ITEM	QTY	U/M	PART NUMBER	DESCRIPTION

BILL OF REFERENCE

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TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982 DIMENSIONS SPECIFIED ARE AFTER ADDITIVE FINISH.		DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED		TITLE	
.X± .XX± .XXX± .XXXX±		ANGLES ± SURF. FINISH		SEE BOR	
SIZE		SCALE		ORIGINATOR	
B		1:1		DATE	
DO NOT SCALE DWG		THIRD ANGLE PROJECTION		DRAWN	
				T. BUHLER	
				DATE	
				11/22/94	
PART NO.				772647-755	
REV				D	
SHT				1	
OF				1	