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TECHNICAL APPROVAL		
GEAR	CEA	8 AUG 72
METAL	DDR	9 JAN 72
PLASTIC		
E.		16 SEP 72

DATE	CHANGE NO	SYM	DATE	CHANGE NO
1 JUN 72	01A687R			
1 OCT 72	140972 M			
15 MAY 73	140993			

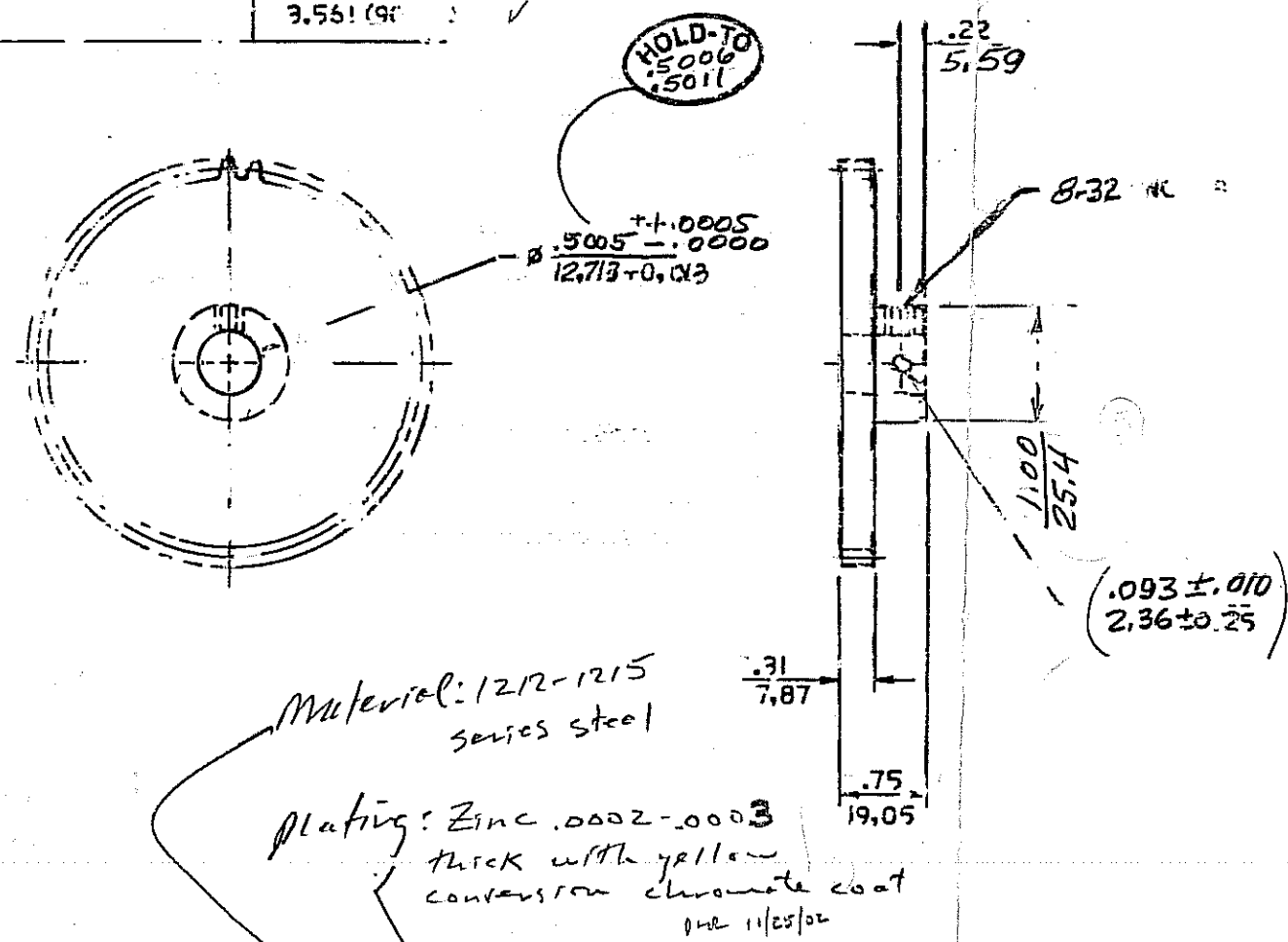
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DEL. OF MENT NO	Q/M
	i

SPUR GEAR DATA

QUALITY CLASS	COMMERCIAL	8
NUMBER OF TEETH		112
DIAMETRAL PITCH		32
PRESSURE ANGLE		20°
STANDARD PITCH DIAMETER (THEORETICAL)		3.500 (89.4)
TOOTH FORM	AM STD FULL DEPTH INVOLUTE	
MAX. CIR. THICKNESS ON STAND. PITCH CIRCLE		.0484 (1.229)
TESTING RADIUS (TIGHT MESH WITH STANDARD GASTE?)		1.749 ± .002 (44.25 ± .051)
MAX. COMPOSITE RADIAL VARIATION		.002 (0.05)
MAX. TOL. N TO TOOTH RADIAL VARIATION		.001 (0.03)
		3.551 (90)

NOTES

- ONLY TEETH NEED BE HARD - REMAINDER OPTIONAL
- Case Harden .001-.003 Dp.



MATERIAL NO	06-840
STEEL	
MATERIAL ALTERNATE NO	
CASE DEPTH	.005-.010 (0.13-0.25) NOTE 1
HARDNESS	
FACE TREATMENT	ZINC CODE NO. 90

RM TO ENG SPEC: 890350	
TOLERANCES UNLESS OTHERWISE NOTED	
INCH	MM
.02	.51
.03	0.8
.03	0.8

IBM			
NAME		GEAR - SPUR	
SPROCKET SHAFT			
DESIGNER		JHW	2DEC71
DETAILER		JHW	2DEC71
DWG CHK		JHW	7JAN72
DSGN APPRO		RMK	3FEB72
CLASSIFICATION		VRK	24OCT72

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11 FEB 72

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