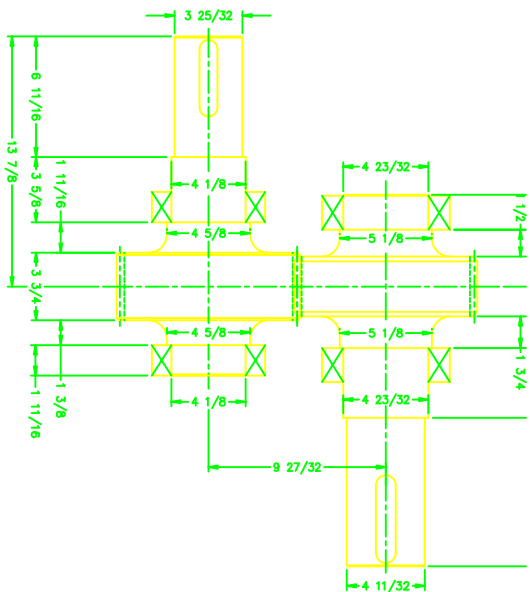




SHAFT STIFFNESS:

HS PINION: 23.60 10⁶ IN.LBS./RAD. FROM
OUTER RING TOWARD THE END OF

SCREWDRIVER MUST BE END OF
SHAFT.

74 10 6

LSP SHAFT: 34.40 10⁶ IN.LBS./RAD. FROM CENTERLINE MESH TO END OF SHAFT.

CONTINUING FROM THE END OF
SHAFT.

CONTINUING FROM THE END OF
SHAFT.

	PITCH	GROOVE	MATERIAL	BHN	(N-LS)	WT (LBS)
	DIAM	DIAM				
HS PINION	58	58	9310H	56 RC	1235	140
LSP GEAR	58	9.842	9310H	56 RC	1210	160
LSP SHAFT						
LSP ASSEMBLY						
HS BEARINGS: TIMKEN V3302M/V3302IM						
LSP BEARINGS: FAG 3302A						
W2E RESINANCE TO HS SHAFT= 2445 IN 2LBS						
RESINANCE ANGLE TO HS NORMAL	NDF:	6	HELIX ANGLE: 10° 50' 49.10"			

NOTE: VALUES USED FOR CALCULATIONS ARE DENSITY = 0.07126 AND ΔH_{fus}

SHEARING MODULUS OF ELASTICITY = 11.8×10^6 LBS/IN²

ENGR. CODE NO. 400-100-100-001-ALC

-ALC

DETAIL, MASS ELASTIC JAHNEL UNIT

SPCL FOR ALCOA SAN ANTONIO

DAVID P. CHURCH SCOTT APP SCOTT

DATE 10-26-01 SCALE 3"=1'-0" READY