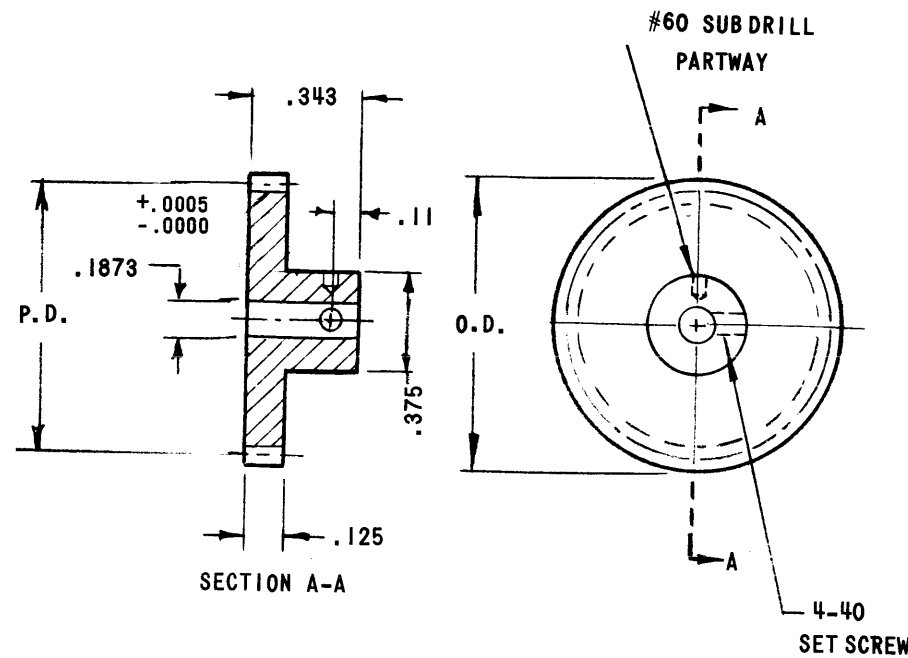


GEAR DATA				MATERIAL DATA	
TMC CODE	NO.	P.D. +.000 -.001	O.D. +.000 -.002	* S STAINLESS STEEL MFR P/N	* A ALUMINUM MFR P/N
021	21	.4375	.479	G1-21	G2-21
022	22	.4583	.500	-22	-22
023	23	.4792	.521	-23	-23
024	24	.5000	.542	-24	-24
025	25	.5208	.562	-25	-25
026	26	.5416	.583	-26	-26
027	27	.5625	.604	-27	-27
028	28	.5833	.625	-28	-28
029	29	.6042	.646	-29	-29
030	30	.6250	.666	-30	-30
032	32	.6667	.708	-32	-32
034	34	.7083	.750	-34	-34
036	36	.7500	.792	-36	-36
038	38	.7917	.833	-38	-38
040	40	.8333	.875	-40	-40
042	42	.8750	.917	-42	-42
044	44	.9167	.958	-44	-44
046	46	.9583	1.000	-46	-46
048	48	1.0000	1.042	-48	-48
050	50	1.0417	1.083	-50	-50
055	55	1.1458	1.187	-55	-55
056	56	1.1667	1.208	-56	-56
060	60	1.2500	1.292	-60	-60
064	64	1.3333	1.375	-64	-64
065	65	1.3541	1.396	-65	-65
070	70	1.4583	1.500	-70	-70
072	72	1.5000	1.542	-72	-72
075	75	1.5625	1.604	-75	-75
080	80	1.6667	1.708	-80	-80
084	84	1.7500	1.792	-84	-84
085	85	1.7708	1.812	-85	-85
090	90	1.8750	1.916	-90	-90
092	92	1.9166	1.958	-92	-92
095	95	1.9791	2.021	-95	-95
096	96	2.0000	2.042	-96	-96
100	100	2.0833	2.125	G1-100	G2-100



PRESSURE $\angle 20^\circ$
 CLASS OF GEAR: PRECISION I
 TOTAL COMPOSITE ERROR: .001
 TOOTH TO TOOTH COMPOSITE ERROR: .0004

MATERIAL AND FINISH
 * STAINLESS STEEL: #303, CLEAR PASSIVATED (AFTER CUTTING)
 * ALUMINUM: 24ST, CHROMIC ACID ANODIZED (BEFORE CUTTING)

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	7/22/68		C.V.	<i>[Signature]</i>
	Ø	ORIG. RELEASE FOR PROD	9-24-68	Ø	R.G.	<i>[Signature]</i>

TMC P/N WILL BE IN THE FOLLOWING FORM

GR 233 - 050 - S
 BASIC P/N NO. OF TEETH MATERIAL
 A = ALUMINUM
 S = STAINLESS STEEL
 (SEE CHART AND SPEC)

HFRR-4		
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	S401-350	

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS FRACTIONS
 .X ± .05 1/64
 .XX ± .01 TOLS. ANGLES
 .XXX ± .005 0° - 30'

MATERIAL
 FINISH

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
O. POSE LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
GEAR, SPUR, PRECISION (48 PITCH, 1/8 FACE, 3/16 BORE)				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	GR-233	Ø	
SCALE		SHEET OF		