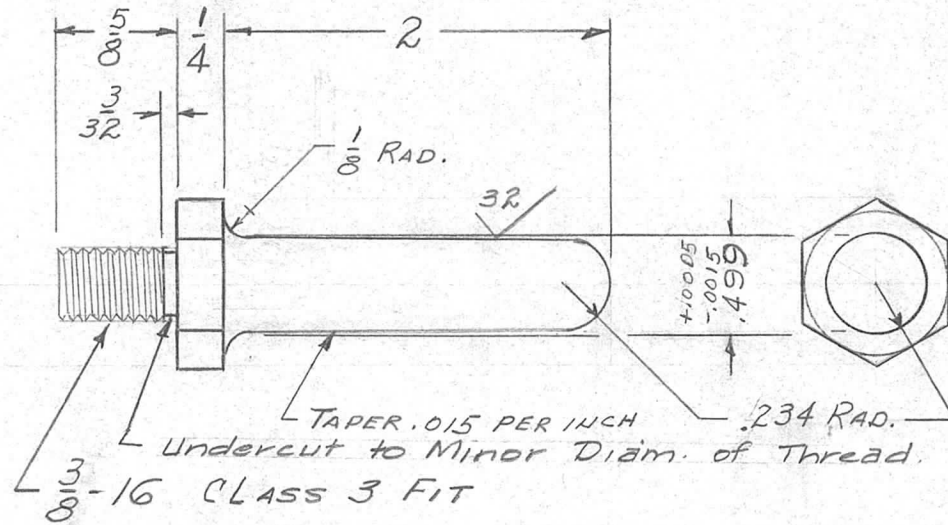


REQ. PER UNIT	USED ON			PM-506	A
	MODEL	ASS'Y. NO.	DATE		
6	GPT-750( )2		9-16-58		



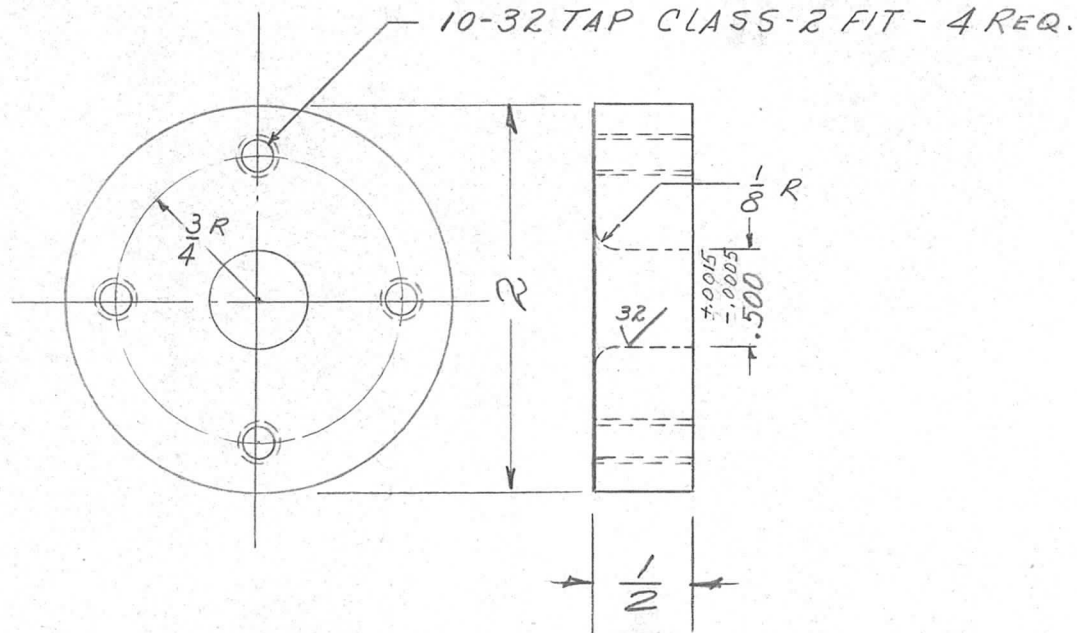
REF.: TMC # PM-507

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL
			3/4" HEX. STOCK				
			STOCK SIZE				
			THE TECHNICAL MATERIEL CORP.				
			MAMARONECK, NEW YORK				
A	1		PIN, GUIDE				
			MATERIAL				
			STAINLESS STEEL				
			303				
			HEAT TREAT. SPEC.				
			DRAWN				
			CHECKED				
			FINAL APPROVAL				
			FINISH & SPEC. NO.				
			ELEC. DES. APP.				
			MECH. DES. APP.				
			PM-506				A

MINOR DIAM. UNDERCUT NOTE ADDED	9/25/58	1	16	JHC	dlb	
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE: 4				
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ± 1/64		REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±						

REQ. PER UNIT	USED ON			PM-507	A
	MODEL	ASS'Y. NO.	DATE		
2	RTX-2		9-16-58		
2	RTM-2		10-16-58		
2	RTP-2		10-16-58		
2	RTF-2		10-16-58		



REF.: TMC # PM-506

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL
		2" ROUND STOCK	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK. NEW YORK				
		STAINLESS STEEL	GUIDE, PIN SOCKET				
		MATERIAL					
		303	9/16/58	16			
		TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
					REB		
		FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	PM-507		A

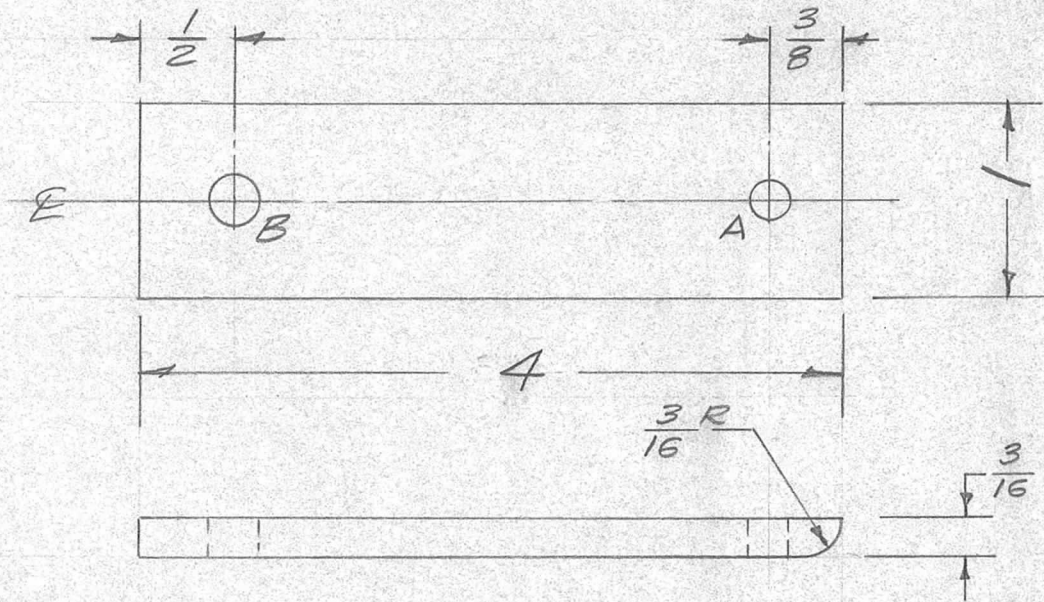
  

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	1/2 WIDTH ADDED (error)	9/25/58	1	16	JWD	[Signature]

TOLERANCES	SCALE: FULL SIZE
DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
FRAC. DIM. ± 1/64	REMOVE ALL BURRS AND SHARP EDGES
ANGULAR DIM. ±	

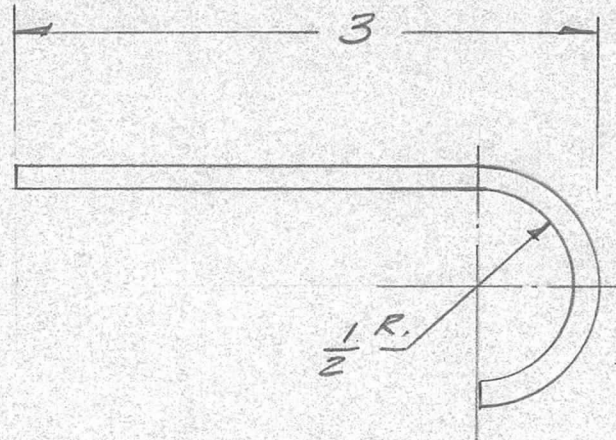
REQ. PER UNIT	USED ON			PM-508
	MODEL	ASS'Y. NO.	DATE	
2	TER-5000-70	A-1585	1-9-59	



A -  $\frac{13}{64}$  (.203) D. 1 Req.  
 B -  $\frac{17}{64}$  (.265) D. 1 Req.

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL		
			THE TECHNICAL MATERIEL CORP.				
			MAMARONECK, NEW YORK				
			END PLATE, BOTTOM STRAP				
			MATERIAL				
			3/16 THK X 1" WIDE				
			STOCK SIZE				
			Brass				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: $\frac{1}{4}$				
DEC. DIM. $\pm$			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. $\pm$ 1/64							
ANGULAR DIM. $\pm$							
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL		
FINISH & SPEC. NO.				GG.	PM-508		
			ELEC. DES. APP.	MECH. DES. APP.			

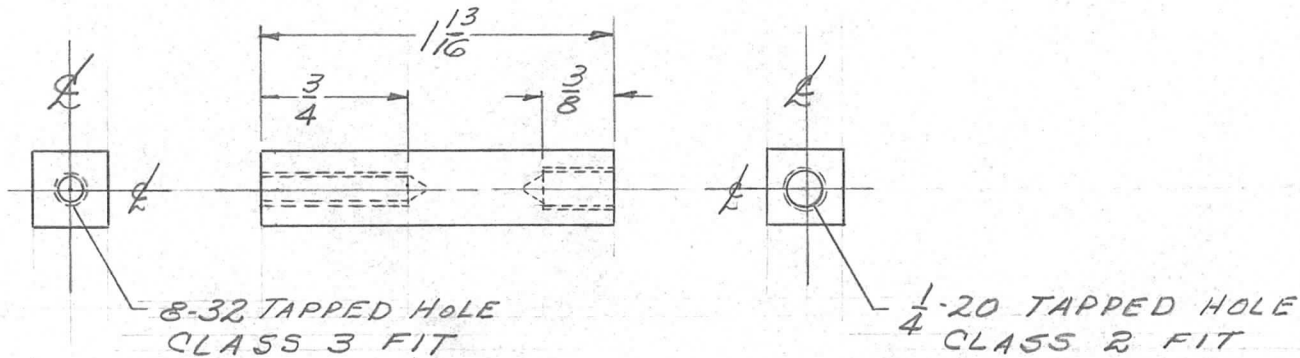
REQ. PER UNIT	USED ON			PM-509
	MODEL	ASS'Y. NO.	DATE	
1	TER-5000-70		1-9-59	



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL					
										THE TECHNICAL MATERIEL CORP.						
									1/8 D.	MAMARONECK, NEW YORK						
									STOCK SIZE	ROD, SPARK GAP						
									BRASS							
									MATERIAL							
									HALF HARD	16/19/59						
TOLERANCES			SCALE: FULL													
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL			
FRAC. DIM. ± 1/64								5245 Silver Plate								
ANGULAR DIM. ±								.0005								
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP					
												PM-509				



REQ. PER UNIT	USED ON			PM-514
	MODEL	ASS'Y. NO.	DATE	
1	RTF-2	1/c	10-28-58	



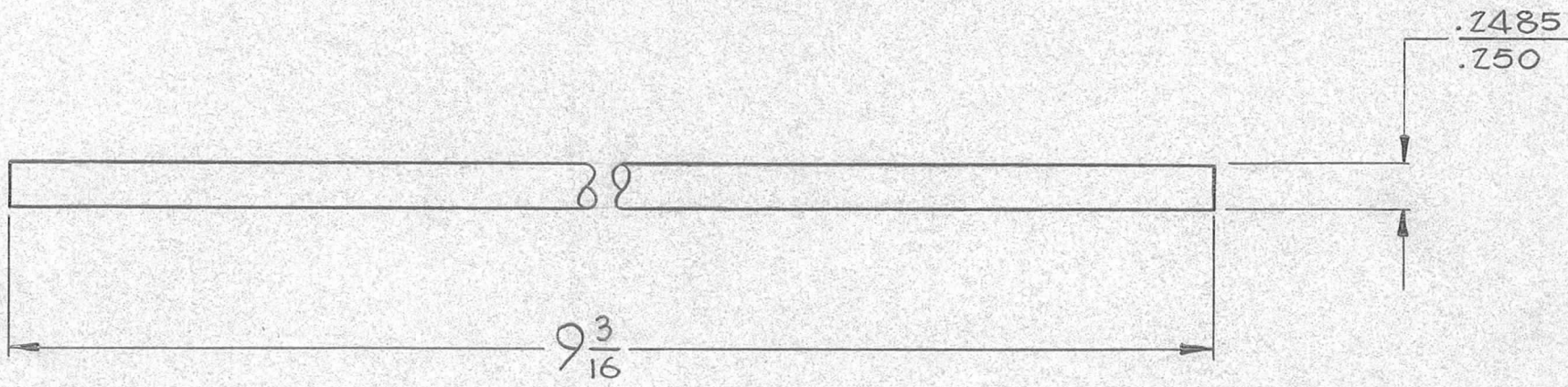
REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
		3/8 SQ. BAR	THE TECHNICAL MATERIEL CORP.		
		STOCK SIZE	MAMARONECK. NEW YORK		
		ALUMINUM	CLAMP, STAND		
		MATERIAL			
		2024-T3	10-28-58	<i>[Signature]</i>	<i>[Signature]</i>
		TYPE & TEMPER	DRAWN	CHECKED	FINAL APPROVAL
		HEAT TREAT. SPEC.		RFB	PM-514
		5101 CAUSTIC DIP 5107 LACQUER DIP			
		FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: FULL SIZE				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ± 1/64			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							



REQ. PER UNIT	USED ON			PM-517	A
	MODEL	ASS'Y. NO.	DATE		
1	RTF-2	P/A	12-3-58		

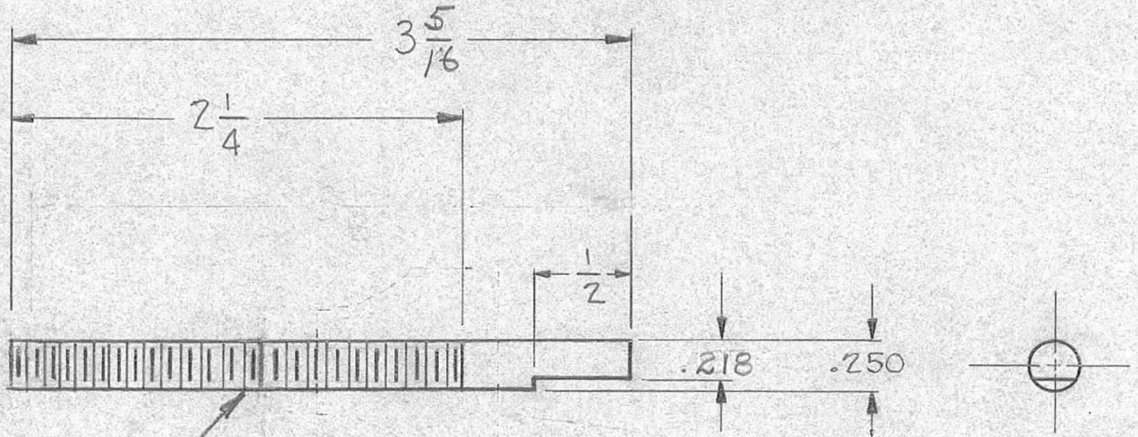


REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL	
		9/32 DIA. ROD	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK, NEW YORK				
A	1	BRASS	SHAFT, HELICAL GEAR				
		MATERIAL					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
		FINISH CHANGED FROM CADMIUM TO NICKEL PLATE	1-22-59	1	J.C.B.		
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							
FREE TURNING		J.C. BIELE	DRAWN		CHECKED		FINAL APPROVAL
5-135 NICKEL PLATE, BRIGHT							PM-517
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.				A



REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	RFB-1	2-1380	1-3-59
2	RFD-1	2-1380	6-22-59

PM-518 D



1/4-28 THREADS CL.2  
POLISHED THREADS

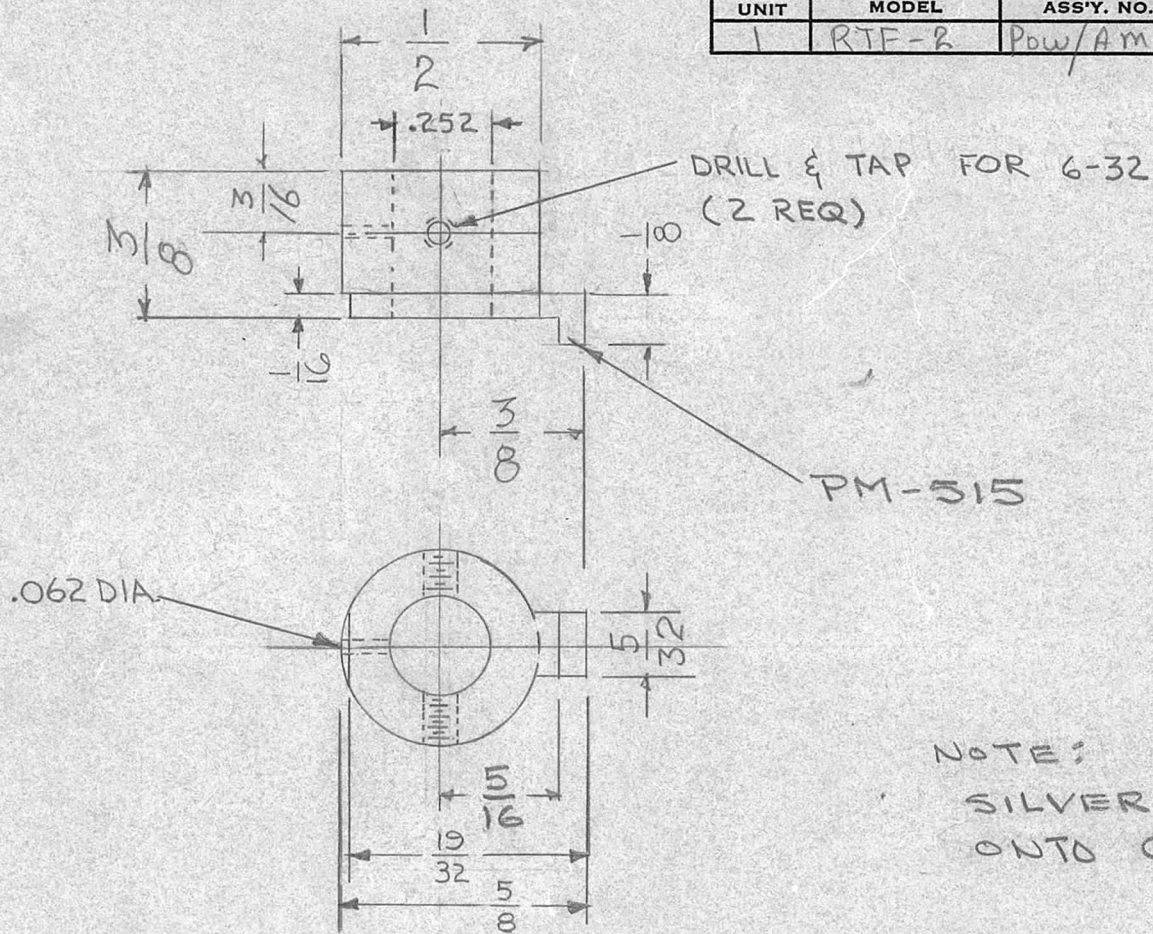
CAPACITOR DRIVE HUB & WASHER  
MUST BE ASSEMBLED AS SHOWN  
BEFORE BRAZING.

1/4-28 STEEL NUT  
BRAZED TO LENGTHENED  
SHAFT OR A BUSHING  
OF SIMILAR DIMENSIONS.

STAINLESS STEEL  
FLAT WASHER  
250 I.D. X 500 O.D.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
D	1	DIM. CHG. .218 WAS .187	9/21/59	—	ave	16	AMB			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	SHAFT, DRIVE, VARIABLE VACUUM CAPACITOR
C	3	THREAD TYPE ADDED	6/5/59	—	JLD		AMB		1/4 D ROD		
B	2	3 5/16 WAS 3 1/4	4/6/59	—	JLD		JLD		STAINLESS STEEL		
A	1	NUT & WASHER DELETED	1/15/59	—	16	JLD	AMB				
TOLERANCES			SCALE:			J.C. BIELE		DRAWN		FINAL APPROVAL	
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			TYPE & TEMPER		HEAT TREAT. SPEC.		CHECKED	
FRAC. DIM. ±						FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.	
ANGULAR DIM. ±											

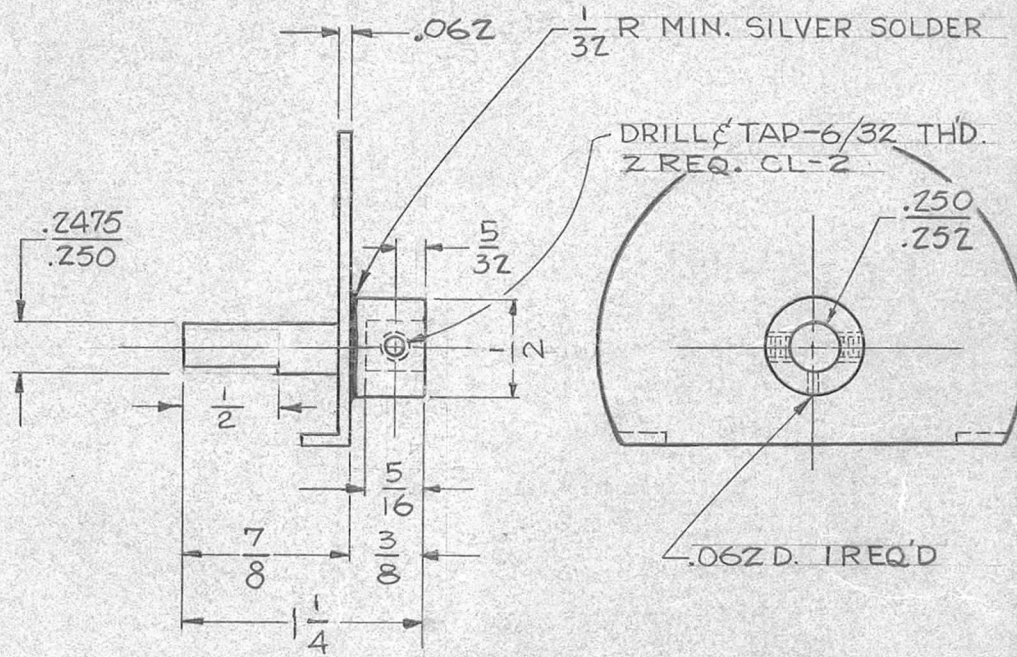
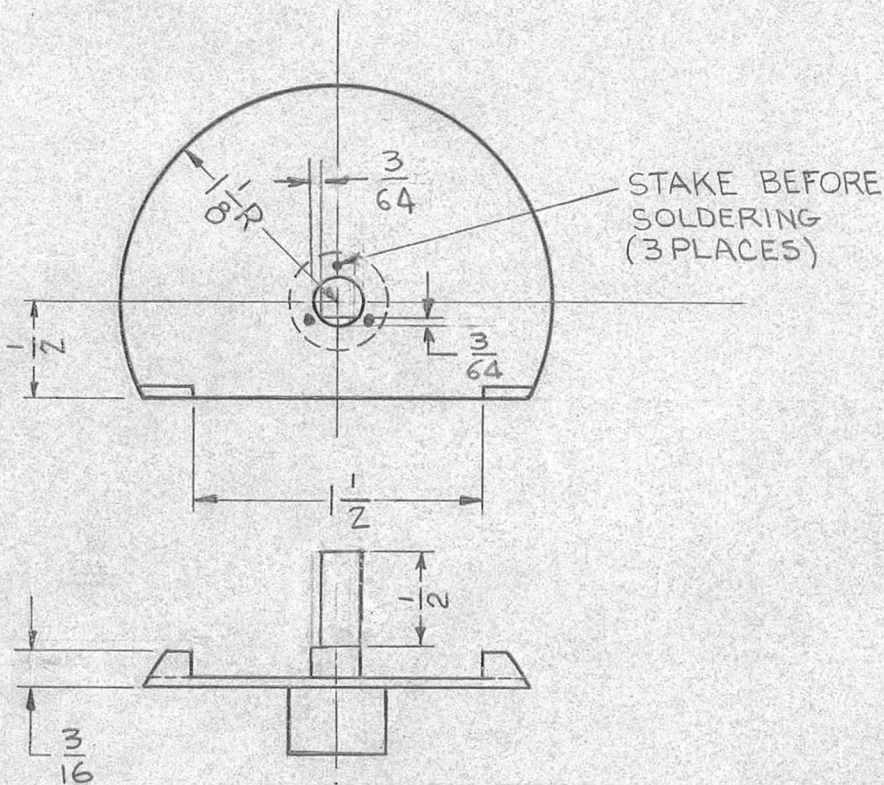
REQ. PER UNIT	USED ON			PM-519	D
	MODEL	ASS'Y. NO.	DATE		
1	RTF-2	POW/AMP			



NOTE:  
SILVER BRAZE PM-515  
ONTO COLLAR

C		ADDED DRILL & TAP NOTE	11/9/66	17215	RME	<i>[Signature]</i>								
B		RELOC. 1/8 DIM. ADD 1/16 DIM. DELE 1/4 DIM. ADD .252 & 19/32 DIM REV. .062 DIA. DIM.	9-12-66	16832	RME	<i>[Signature]</i>								
A	1	ADDED FINISH SPEC	3-18-63	8543	RC	<i>[Signature]</i>								
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.							
TOLERANCES			SCALE:											
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES											
FREE MACHINING								file		file		<i>[Signature]</i>		
S135 NICKEL PLATE								DRAWN		CHECKED		FINAL APPROVAL		
FINISH & SPEC. NO.								ELEC. DES. APP		MECH. DES. APP		PM-519		D

REQ. PER UNIT	USED ON			PM-520	D
	MODEL	ASS'Y. NO.	DATE		
1	RTF-2		11-26-58		

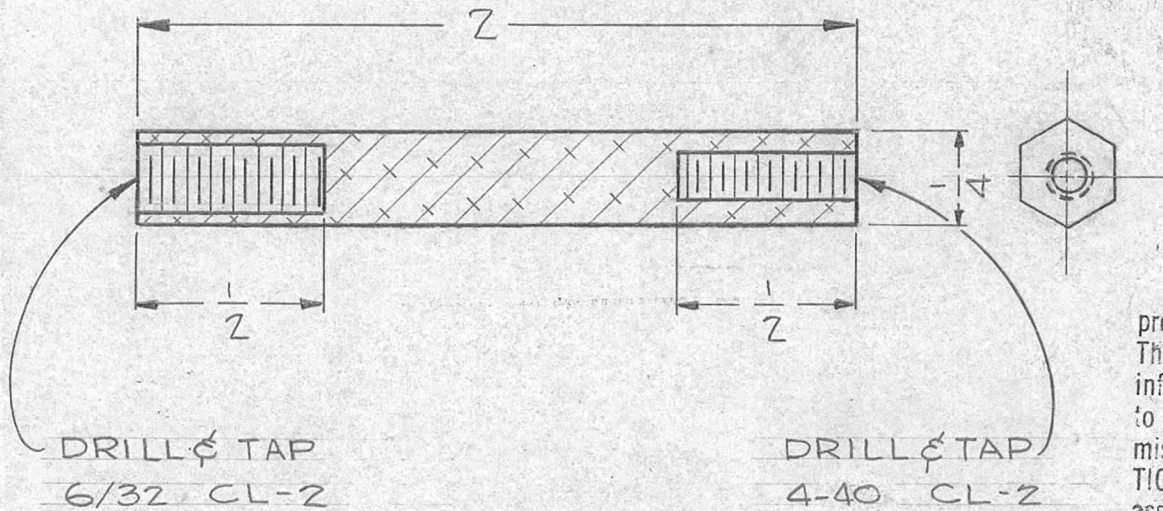


D	RELOCATED & ADDED FLAT ON SHAFT	10-7-66	16992	G.D.L.	J.C.B.	J.C.B.
C	ADDED STAKE BEFORE SOLDERING NOTE	8-5-66	16713	RME	J.C.B.	J.C.B.
B	1 3/64 X 1/2 FLAT ADDED	5-21-64	11418	WB	J.C.B.	J.C.B.
A	4 3/16 dim. was 1/4	2/3/59	756	J.C.B.	J.C.B.	J.C.B.
	3 .062 was .040					
	2 3/8, 5/32 dim added					
1 1 1/4 dim. was 1 3/8						

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ± .0015			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ± 1/64			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP.		
			MAMARONECK, NEW YORK		
			SHAFT STOP, 180°		
STOCK SIZE					
BRASS					
MATERIAL					
FREE TURNING		J.C. BIELE	J.C.B.	J.C.B.	
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
NICKEL PLATE					PM-520 D
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.		

REQ. PER UNIT	USED ON			PM-523	B
	MODEL	ASS'Y. NO.	DATE		
4	G.P.T. 10,000	I.P.A.	1-3-59		



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MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
								1/4	HEX ROD	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	STUD, METER BOX	
									STOCK SIZE			
B	1	TYPE & TEMPER ADDED ADDED FINISH & SPEC	10/18/63	10173	JD	MJT	WJS		ALUMINUM			
A	1	4-40 THD WAS 4-3C	6/3/63	9188	JD	JOB	WJS		MATERIAL			
TOLERANCES			SCALE:					2024-T4	J.C. BIELE	HL	CMB	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								5404 YEL. IRIDITE		ATB	CMB	PM-523
								FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP		B

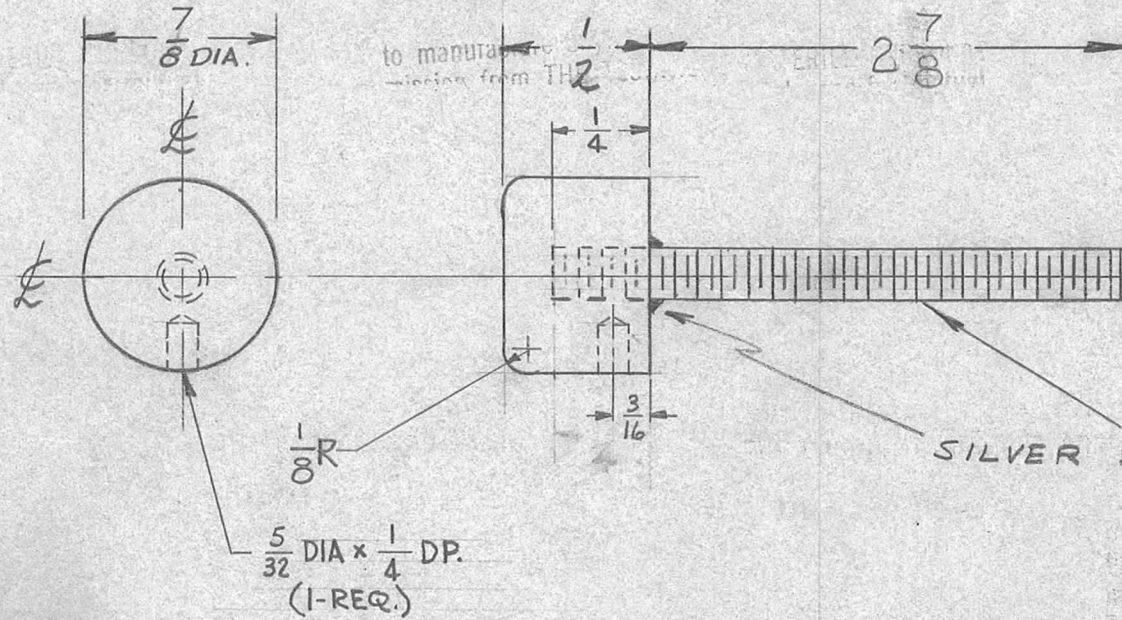
REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
7	GPT-10K	AX-17Z	1-5-59

PM-525 G

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 MAMARONECK, NEW YORK



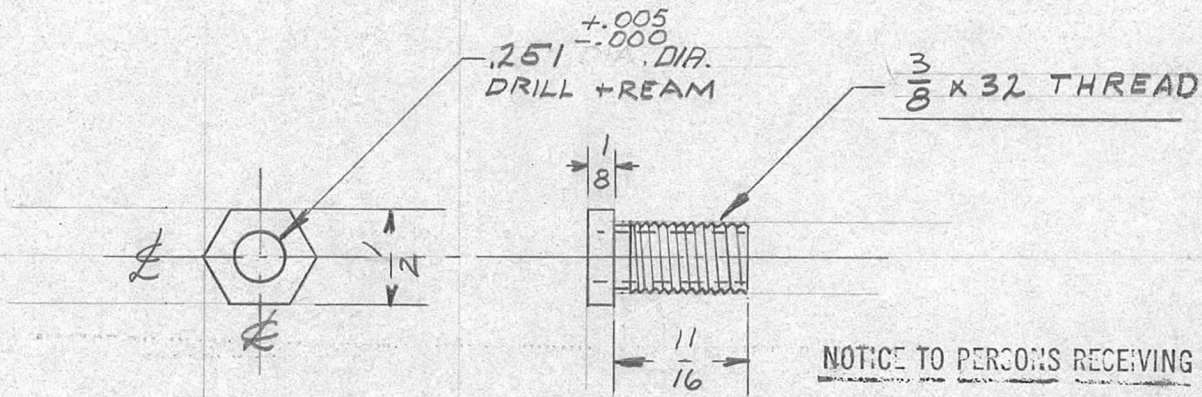
G		2-7/8 WAS 3-1/4	7.15.66	16551	WFW	JCB	ARB
F	1	5/32 DIA x 1/4 DP HOLE ADDED	9-12-62	7201	G.S.	JDe	ARB
E	1	10-32 THD WAS 1/4-20	8-8-60	#	CY	JCB	ARB
D	1	3/4 WAS 2 7/8	1-20-60	1789	M.G.	JCB	ARB
C	1	Thds. were 10-32 2 7/8 WAS 2 1/2	8/12/59	-	16	JCB	ARB
B	2	1/8 R added	2/3/59	743	JDe	JCB	ARB
	1	.159 DIM. Deleted					
	3	.159 DIM added					
A	2	Threaded rod added	1/27/59	711	J.C.	JDe	ARB
	1	Finish WAS Rodium.000025					

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			7/8 DIA. ROD	
			STOCK SIZE	
			BRASS	
			MATERIAL	
			HALF HARD	
			NICKEL PLATE	
			FINISH & SPEC. NO.	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			CONTACT BUTTON	
			DRAWN	
			CHECKED	
			FINAL APPROVAL	
			ELEC. DES. APP	
			MECH. DES. APP	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
FRAC. DIM. ±							
ANGULAR DIM. ±							

PM-525 G

REQ. PER UNIT	USED ON			PM-52G	A
	MODEL	ASS'Y. NO.	DATE		
2	EPT-10000	DR. DRAW	1-27-59		



NOTICE TO PERSONS RECEIVING THIS DRAWING

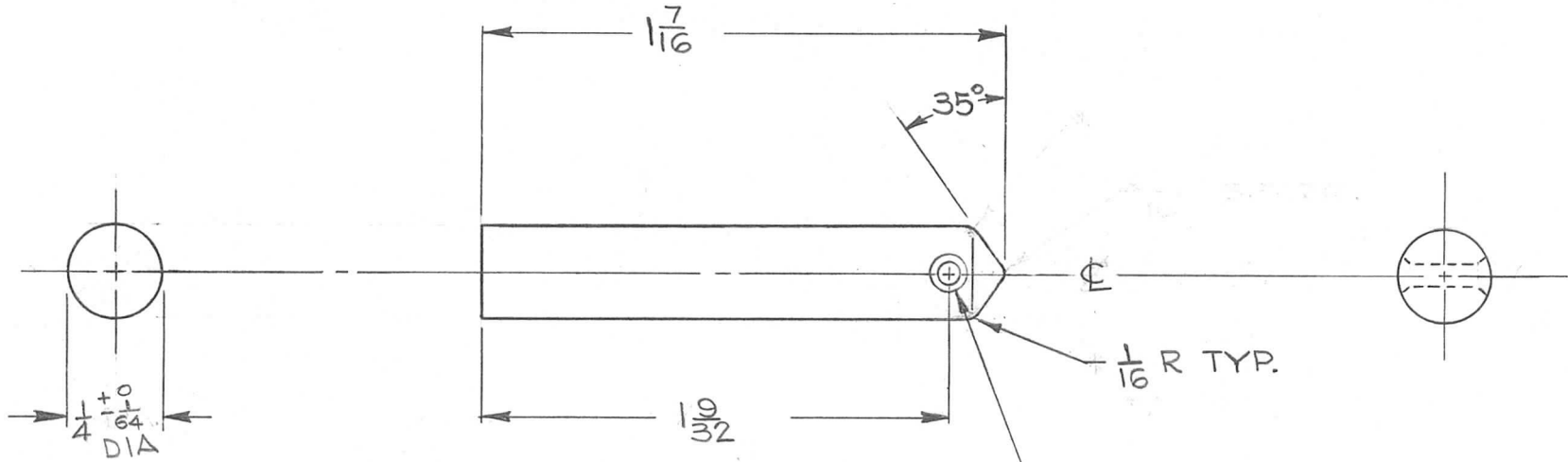
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MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL		
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
									STOCK SIZE				
A	1	TOL ADDED TO .251 DIA	7-1-63	9422					BRASS	BUSHING, LOCKING SHAFT DRAWER LOCK			
									MATERIAL				
TOLERANCES			SCALE:										
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										
									TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
									NICKLE PLATE				
									FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.		
												PM-52G	A

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REQ. PER UNIT	USED ON			PM-527	C
	MODEL	ASS'Y. NO.	DATE		
2	GPT-10,000	DRIVER DR	1-27-59		



DRILL .062 DIA. C'SK 82°, 1/64 DEEP FOR PIN PN-59-062-5

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL
		1/4 ROUND	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK, NEW YORK				
C	TOL ADDED TO 1/4 DIA.	7-1-63 9422	<i>[Signature]</i>	<i>[Signature]</i>			
B	REVISED & REDRAWN AT 2:1 SCALE	5-20-63 9027	<i>[Signature]</i>	<i>[Signature]</i>			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	2:1				
DECIMALS	TOLERANCES	FRACTIONS	CODE				
.X ± .05		± 1/64					
.XX ± .01		ANGLES					
.XXX ± .005		± 0° 30'					
		303			<i>[Signature]</i>	<i>[Signature]</i> 5-21-63	
		TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
		S104-PASSIVATE		<i>[Signature]</i>	<i>[Signature]</i>	PM-527 C	
		FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.			

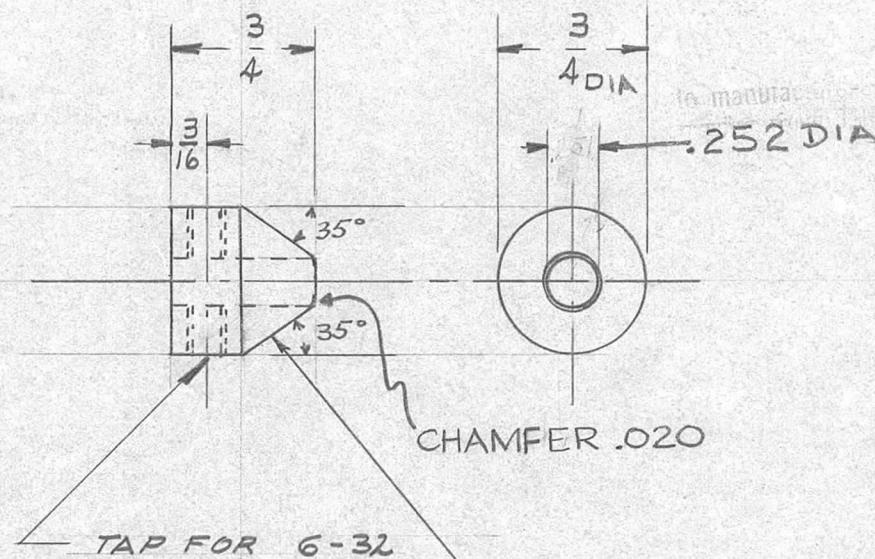
REQ. PER UNIT	USED ON			PM-528	B
	MODEL	ASS'Y. NO.	DATE		
2	GPT-10K		1-27-59		

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MAMARONECK, NEW YORK



THIS SURFACE MUST BE  
SMOOTH & FREE OF  
MACHINING MARKS

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL				
								3/4 ROUND		THE TECHNICAL MATERIEL CORP.					
B	1	MACHINING NOTE ADDED	5-20-63	9027				STOCK SIZE		MAMARONECK, NEW YORK					
A	1	CHAMFER NOTE ADDED	1-12-60	1751				BRASS		ACTUATOR, LOCK					
								MATERIAL		DRAWER LOCK					
TOLERANCES			SCALE: FULL												
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL			
FRAC. DIM. ±								NICKEL PLATE							
ANGULAR DIM. ±								FINISH & SPEC. NO.				ELEC. DES. APP	MECH. DES. APP		
											PM-528	B			



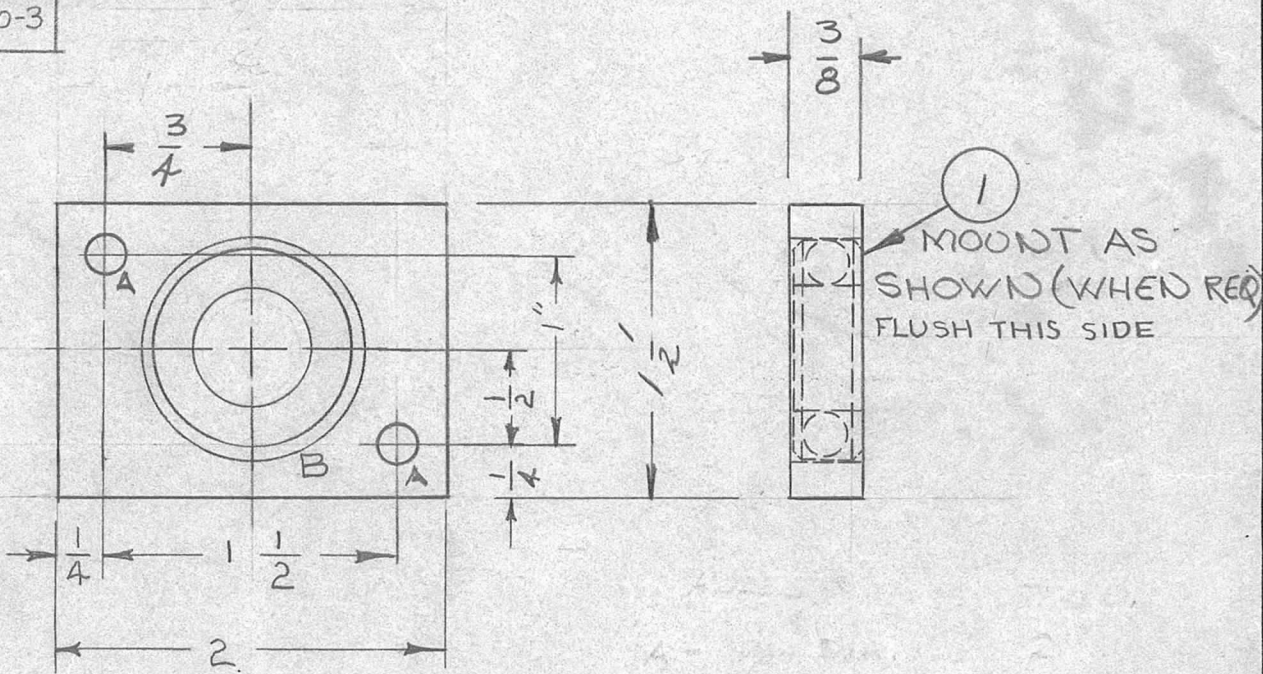




REQ. PER UNIT	USED ON			PM-533	D
	MODEL	ASS'Y. NO.	DATE		

### CHART I

TMC PART NO.	A HOLE	B HOLE	ITEM I
PM 533-1	13/64	.500 $\pm$ .002 -.001	NOT USED
PM 533-2	13/64	1.1247 / 1.1250 DIA C BORE	BB120-3
PM 533-3	DR TAP 10-32	1.1247 / 1.1250 DIA C BORE	BB120-3



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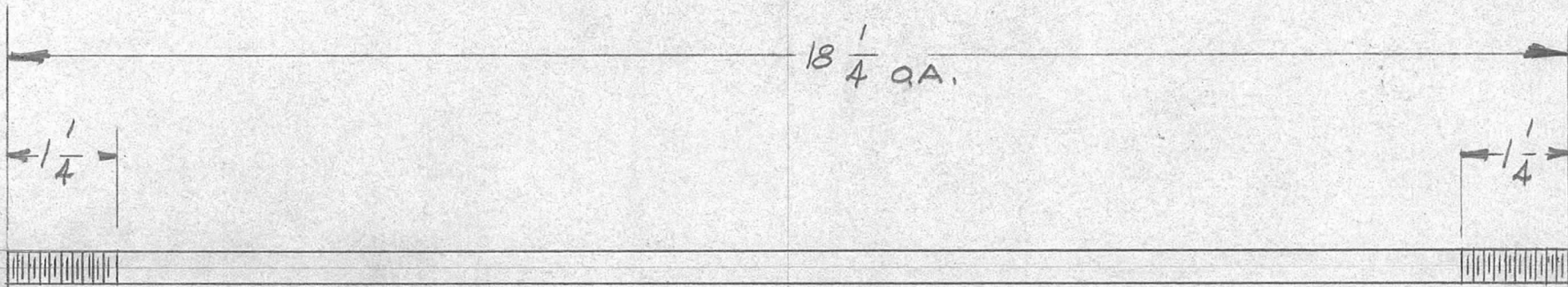
Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL					
D		PM 533-3 ADDED	9/15/71	20492	CD	ES	ES	1	1	SEE CHART	BEARING, BALL						
C		ADD C'BORE, CHNG CHART, REDIMENSIONED	12-2-69	19670	KD	KH	FB				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK BLOCK BEARING						
B		ADD CHART	7-8-68	18994	F.W.	JR	FB			3/8 THICK							
A	1	ADDED $\pm$ .002 TOLERANCE TO (B) HOLE	7-1-62	6848	V.R.R.					ALUMINUM							
TOLERANCES								MATERIAL									
DEC. DIM. $\pm$			SCALE:					2024-T4		10R1160		ARB					
FRAC. DIM. $\pm$ 1/64			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
ANGULAR DIM. $\pm$								IRIDIUM - 5404				2B					
								FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP					



REQ. PER UNIT	USED ON			PM-536
	MODEL	ASS'Y. NO.	DATE	
2	GPT-10K	AT-100	1-30-59	



1/4" -16 THREAD  
BOTH ENDS.

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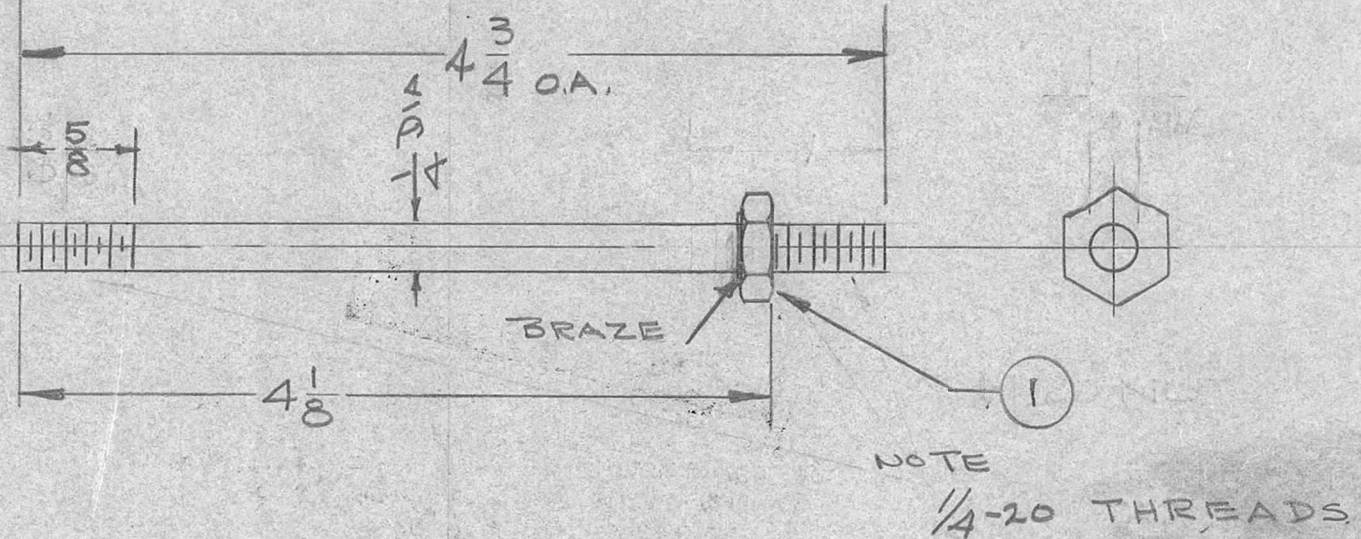
REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL									
		3/8 DIA. CENTERLESS GROUND	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK											
		STOCK SIZE	CORE SUPPORT ROD											
		STAINLESS STEEL	ANTENNA TUNER											
		MATERIAL												
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.							
TOLERANCES			SCALE: 1/2											
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES											
		TYPE & TEMPER	HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL					
		FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP								

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REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	GPT-10K	AR-109	1-29-59
2	GPT-10K( ) 5 AX-138	A-1690	12-10-63

PM-537 D

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL									
D	1	UPDATED & CLARIFIED	11/10/63	10523	JCB	JCB	JCB	1	NTH2520BR14	NUT, HEXAGON										
C		DIM. CLARIFIED ITEM 1 WAS NTH2520BR14	12/10/59	1648	JCB	JCB	JCB	1/4 DIA ROD			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SHAFT, PLUNGER SHORTING RELAY									
B	1	DIMENSIONS CLARIFIED 1/4-20 NUT ADDED	11-17-59	1505	JCB	JCB	JCB	STOCK SIZE												
A	1	4 5/8 O.A. WAS 4 1/2 O.A.	5/6/59	1	JCB	JCB	JCB	BRASS												
TOLERANCES			SCALE:			Free Machining			TORILLO JCB											
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			TYPE & TEMPER			HEAT TREAT. SPEC.			DRAWN			CHECKED			FINAL APPROVAL		
FRAC. DIM. ± 1/64						NICKEL PLATE									ARB			PM-537 D		
ANGULAR DIM. ±						FINISH & SPEC. NO.						ELEC. DES. APP			MECH. DES. APP					

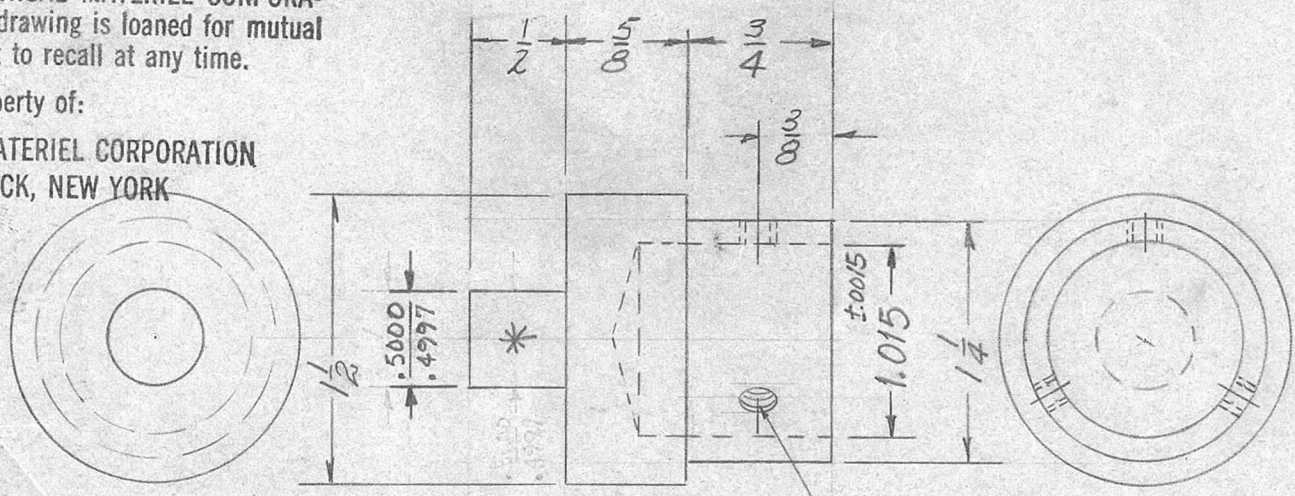
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REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT-10K	RF-DECK	1-31-59
1	GPT-40K	MODE SW	4-11-60

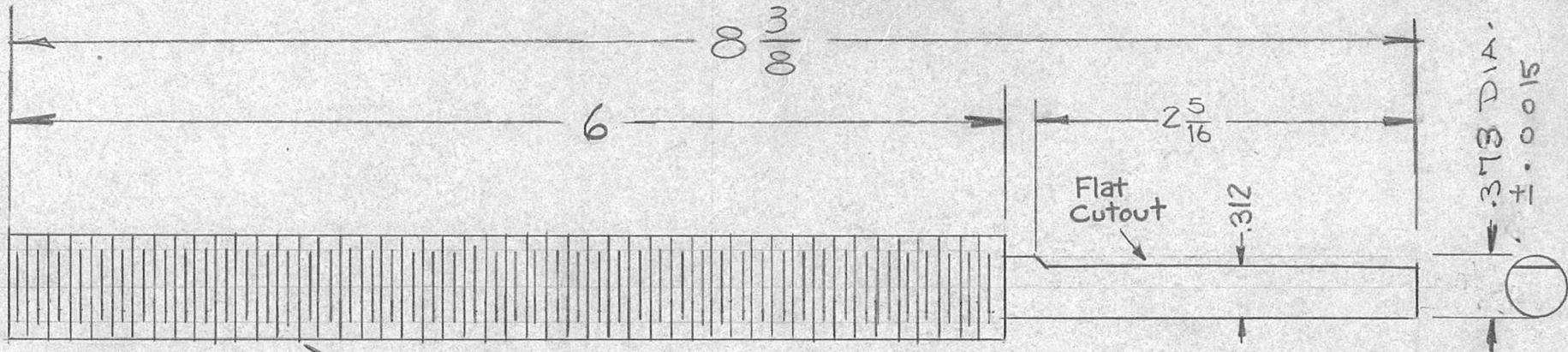
PM-538 B



\* SNUG FIT  
TO MOUNT BEARING  
(COMM. PROD. # ND-77R8) TMC # BB-120

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
B	1	.5000 .4997 DIM ADDED	11-13-62	7659	Ch	JCB	[Signature]			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
A	1	1.015 ± 0.0015 WAS 1.000 ± 0.002	3/24/59			J.C.B.	[Signature]			SHAFT HOLDER		
TOLERANCES								SCALE: <i>1/2</i>				
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION: REMOVE ALL BURRS AND SHARP EDGES				
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								5245 SILVER PLATE	.0003	[Signature]	[Signature]	PM-538 B
								FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP		

REQ. PER UNIT	USED ON			PM-539	D
	MODEL	ASS'Y. NO.	DATE		
1	GPT-10K	AT-100	1-30-59		



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$\frac{5}{8}$  - 11 THREADS CL 2 (RIGHT HAND)

NOTE:

$\frac{5}{8}$  - 11 THDS. TO BE SMOOTH WITH NO BURRS AND CONCENTRIC WITH .373 DIA. SHAFT WITHIN ±.0015

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
D	2	.373 WAS .375	8-13-62	7018	G.S.	Hile	to					
	1	±.0015 TOLERANCE ADDED										
C	1	.375 WAS .373. ADDED TO NOTE SMOOTH NO BURRS	6-27-62	6846	R.T.	Hile	QRB					
B	1	added Flat $2\frac{5}{16} \times .3125 \pm .005$	10-20-59	1490	Jm	JCB	QRB					
A	1	$8\frac{3}{8}$ Dim. was $8\frac{1}{2}$	3/24/59		J.C.B.	JAN	QRB					
TOLERANCES			SCALE: FULL				# 303		JOBILLD 1		QRB	
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN	
FRAC. DIM. ±							FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP	
ANGULAR DIM. ±									Wan		QRB	
										PM-539 D		



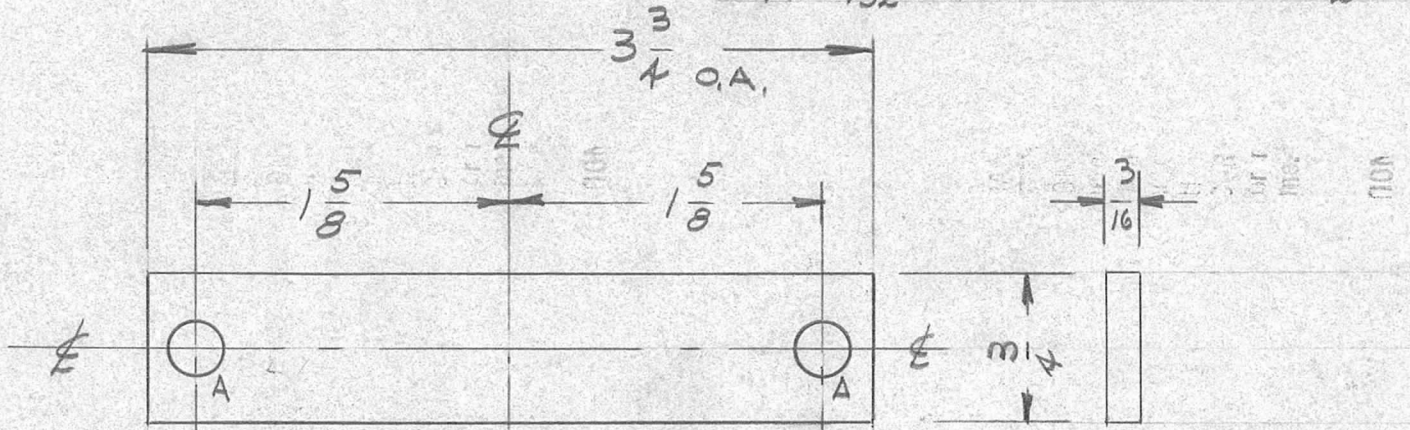
REQ. PER UNIT	USED ON			PM-540 A
	MODEL	ASS'Y. NO.	DATE	
1	GPT-10K	AR-109	1-30-59	

HOLES

REQ'D.

A - 9/32 DIA.

2



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ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
									3/16 THICK STOCK SIZE	PLUNGER, MOUNT SHORTING RELAY		
									ALUMINUM MATERIAL			
A	1	Finish was silver plated	11-17-59	1505	DM	K	WJ					
TOLERANCES			SCALE:					2024-T3				
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER 5404 yellow Inidite	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP		PM-540 A

HOLES

REQ'D

A - 13/64 (.203) DIA

3

\* B - 1/2 (.500) DIA.

1

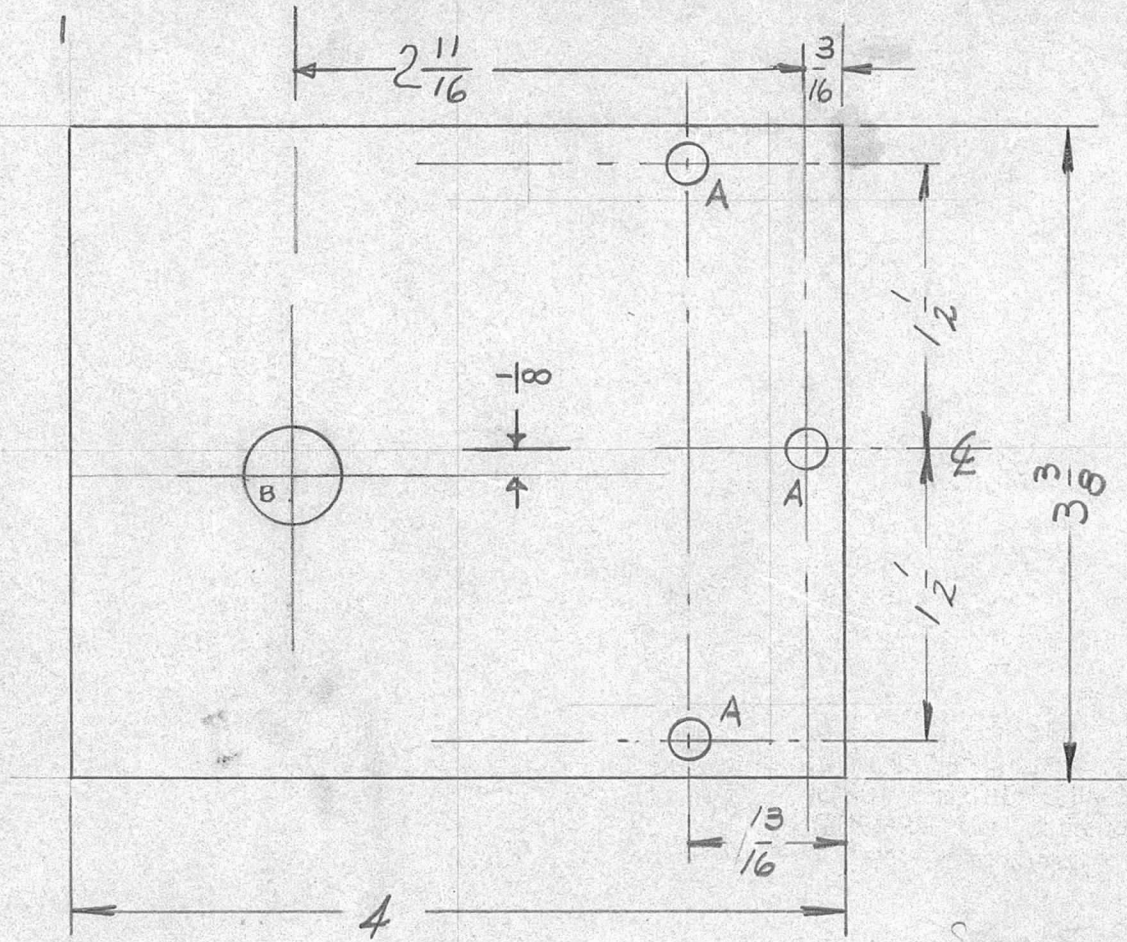
\* = PRESS FIT WITH  
BB-118-B

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REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT-10000	RF DECK	2-5-59

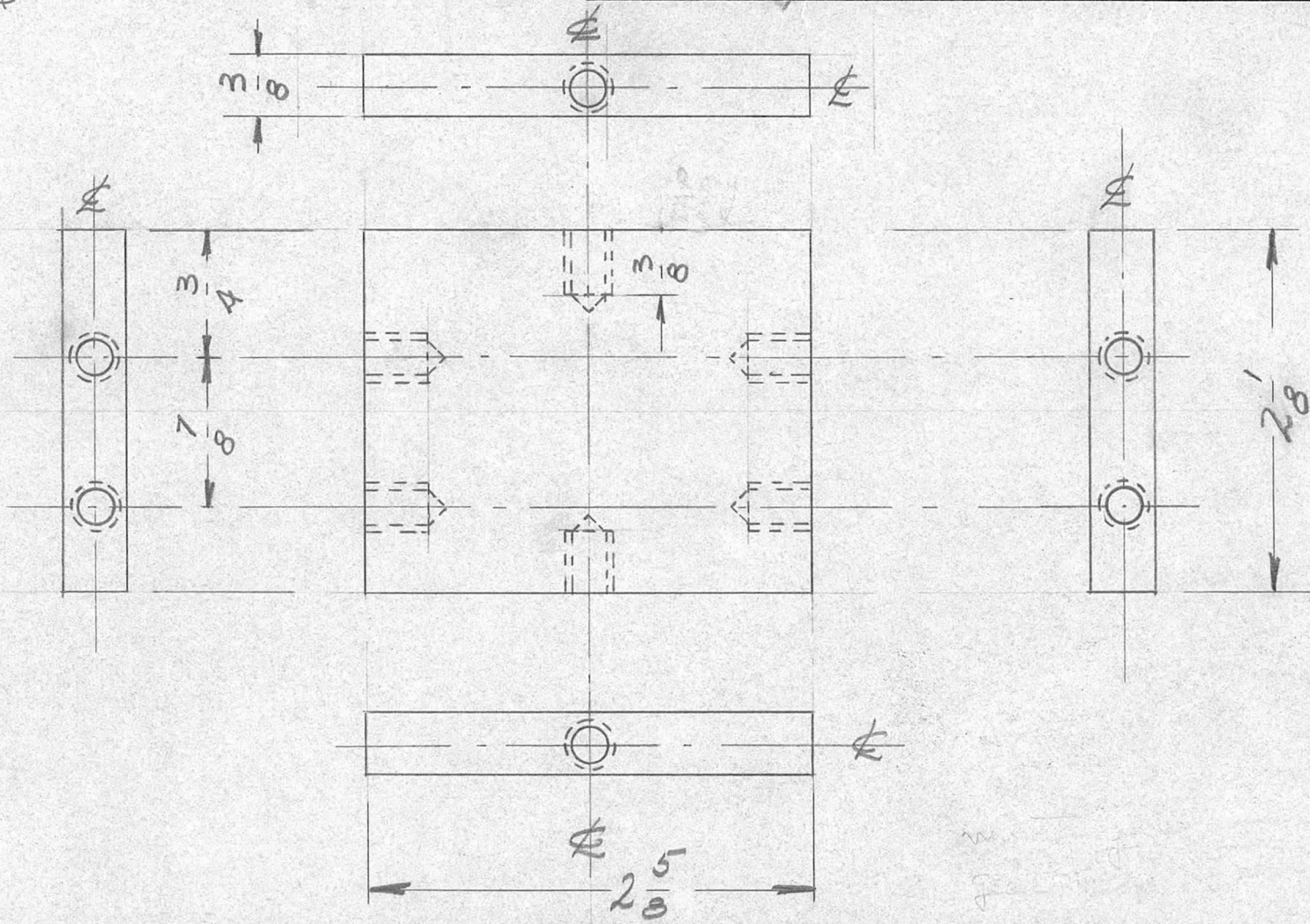
PM-541 A

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
A		UPDATED & CLARIFIED SEE EMN. 10790	1/22/64	10790						3/16 THICK STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
										ALUMINUM MATERIAL	SHAFT SUPPORT R.F. BANDSWITCH	
TOLERANCES								SCALE: FULL				
DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ± 1/2°								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
								2024-T4			Drawn: RLW Checked: RB	FINAL APPROVAL: CRB
								IRIDITE				PM-541 A
								FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.

A - DRILL & TAP 10-32 X 3/8 DEEP 6 REQ'D

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT-1000	RF	2-5-59

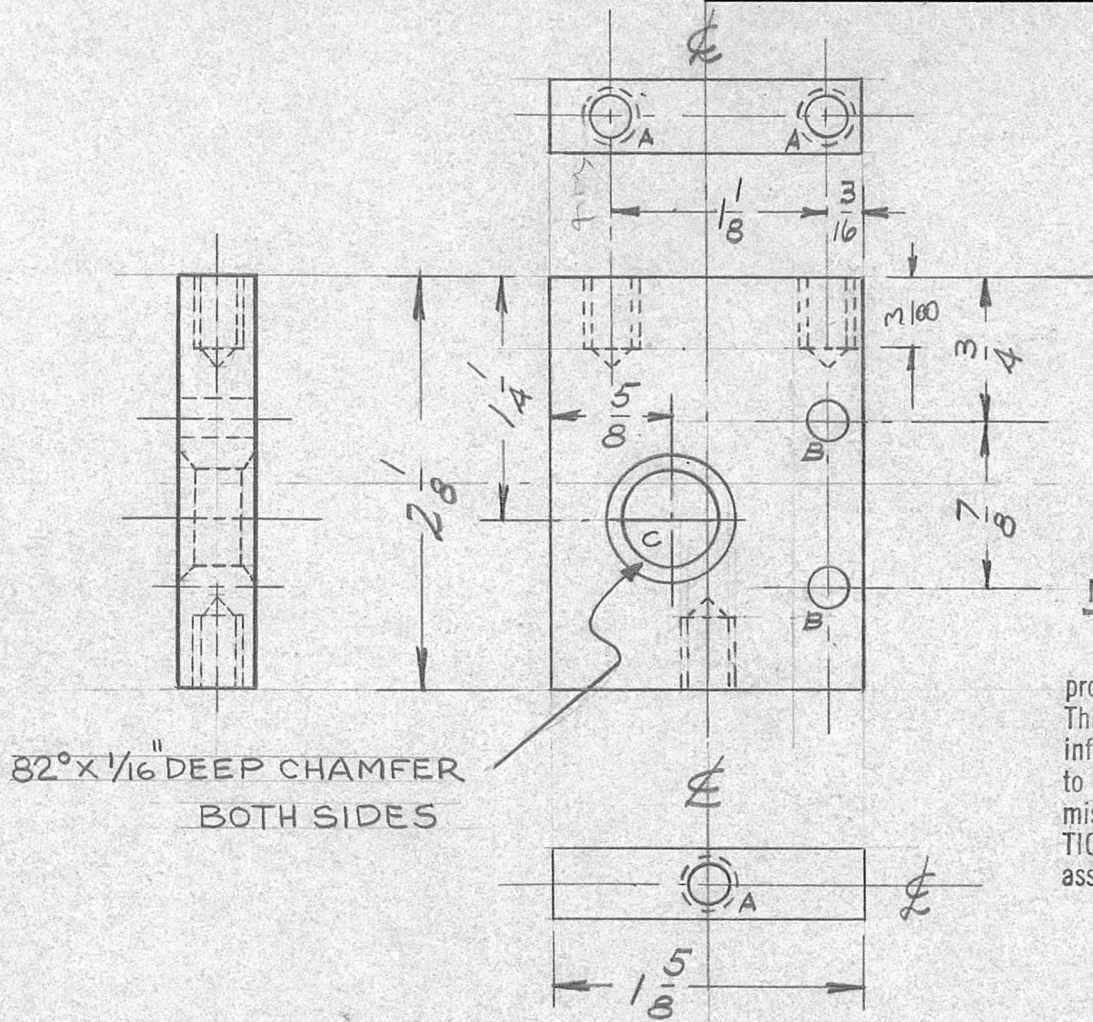
PM-542



REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL
		3/8 THICK	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK, NEW YORK				
		ALUMINUM	MTG. PLATE, GEAR BOX				
		MATERIAL	RF BAND SWITCH				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: FULL				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION: REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ±							
ANGULAR DIM. ±							
2024-T4		DRAWN		CHECKED		FINAL APPROVAL	
IRIDITE		R.L.N.		D.B.		A.R.B.	
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.		PM-542	

REQ. PER UNIT	USED ON			PM-543	B
	MODEL	ASS'Y. NO.	DATE		
2	GPT-10000	RF	2-5-59		

HOLES	REQ'D
A - DRILL & TAP 10-32	3
B - 13/64 DIA	2
C - .500 DIA. $\begin{smallmatrix} -.000 \\ +.005 \end{smallmatrix}$	1



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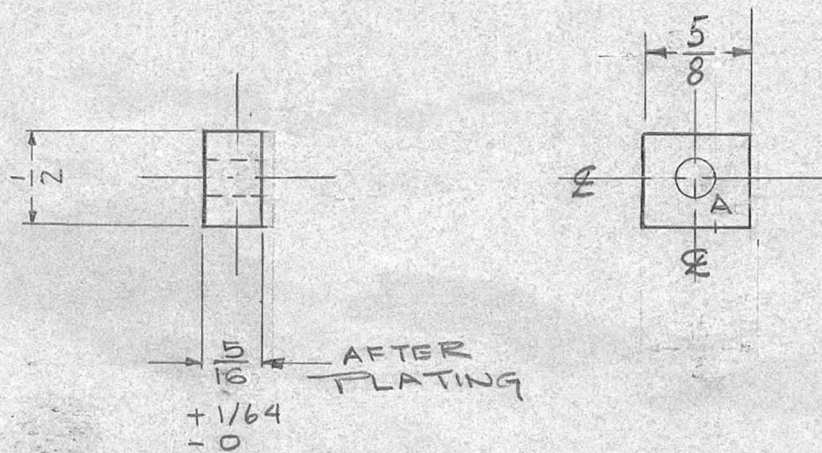
Property of:  
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MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
		3/8 THICK	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK, NEW YORK				
B		C HOLE WAS 1/2 DIA.	SIDE PLATE, GEAR BOX				
A	I	CHAMFER NOTE ADD.					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							
		2024-T4	10RILLD	fwe	ARB		
		IRIDITE	DRAWN	CHECKED	FINAL APPROVAL		
		FINISH & SPEC. NO.	RLN	QB	PM-543	B	
			ELEC. DES. APP	MECH. DES. APP			

REQ. PER UNIT	USED ON			PM-544 E
	MODEL	ASS'Y. NO.	DATE	
1	GPT-10K	AR-109	2-2-59	

A - 3/16 (.187) DIA.

1 REQ'D



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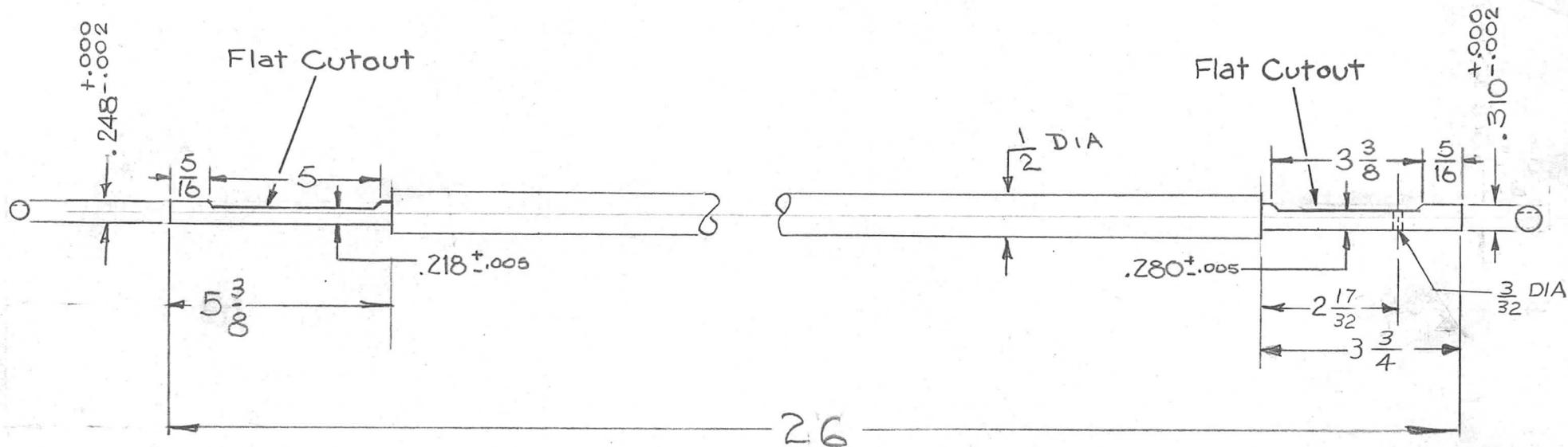
Property of:  
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MAMARONECK, NEW YORK

E	1	+ 1/4 - 0 ADDED TO 5/16 DIM	2-25-65	13585	RS	Q/S	Q/S
D	1	5/16 DIM WAS 11/32	3-28-63	8672	RS	Q/S	Q/S
C	1	5/8 DIM. WAS 9/16	10-13-60	3187	RS	Q/S	Q/S
B		1/32 WAS 3/8	4-1-60	1958	RS	Q/S	Q/S
A		COMPLETE REVISION	1/18/59	1505	RS	Q/S	Q/S

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

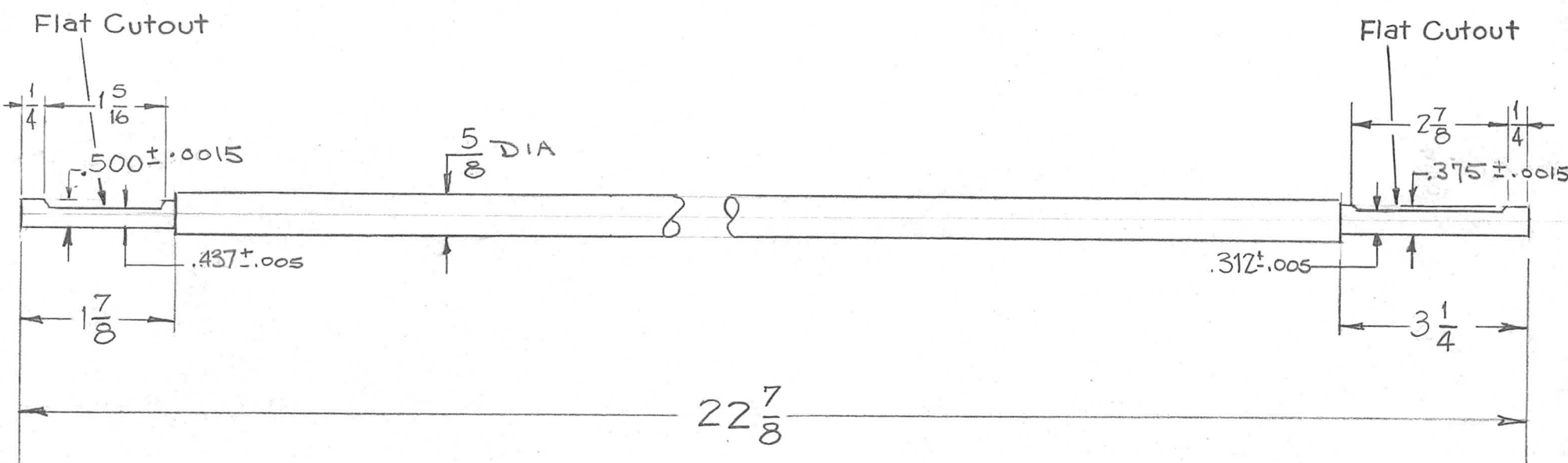
REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
			STOCK SIZE		
			RECTANGULAR BRASS BAR		
			MATERIAL		
			1/2 HARD		
			TYPE & TEMPER	HEAT TREAT. SPEC.	
			FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.
					PM-544 E

REQ. PER. UNIT	USED ON			PM-546 E
	MODEL	ASS'Y. NO.	DATE	
1	AS-119 10K		2-12-59	



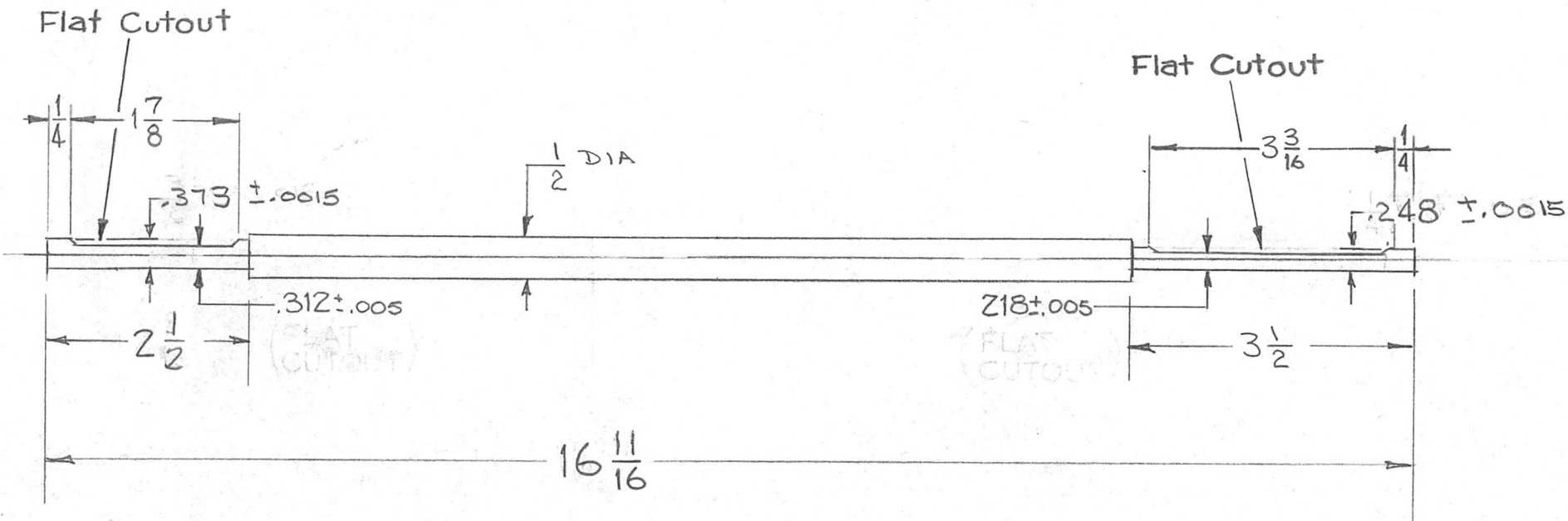
REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
		1/2 DIA.	THE TECHNICAL MATERIEL CORP.			
		STOCK SIZE	MAMARONECK, NEW YORK			
		STAINLESS STEEL	HORIZONTAL SHAFT			
		MATERIAL	RF BAND SWITCH			
		#303	file	non	APB	
		TYPE & TEMPER	DRAWN	CHECKED	FINAL APPROVAL	
		HEAT TREAT. SPEC.	file	QB	PM-546 E	
		FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP		

REQ. PER. UNIT	USED ON			PM-547	C
	MODEL	ASS'Y. NO.	DATE		
1	GPT-10K	RF DECK	2-12-59		



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
C	1	Added Flat Cutouts	10-28-59	1490	DM	JCS	ph	5/8 DIA		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK VERTICAL SHAFT ANT. TUNER GPT-10K		
B	1	All dim. changed except for .375 ± .0015	3/27/59		ICB	FD	ARB	STOCK SIZE				
A	1	Tol was .015	2/20/59	821	JL		RB	MATERIAL				
TOLERANCES			SCALE:					#303				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
FRAC. DIM. ± 1/64												
ANGULAR DIM. ±								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	PM-547 C

REQ. PER. UNIT	USED ON			PM-548	G
	MODEL	ASS'Y. NO.	DATE		
2	GPT-10K	RF DECK	2-12-59		



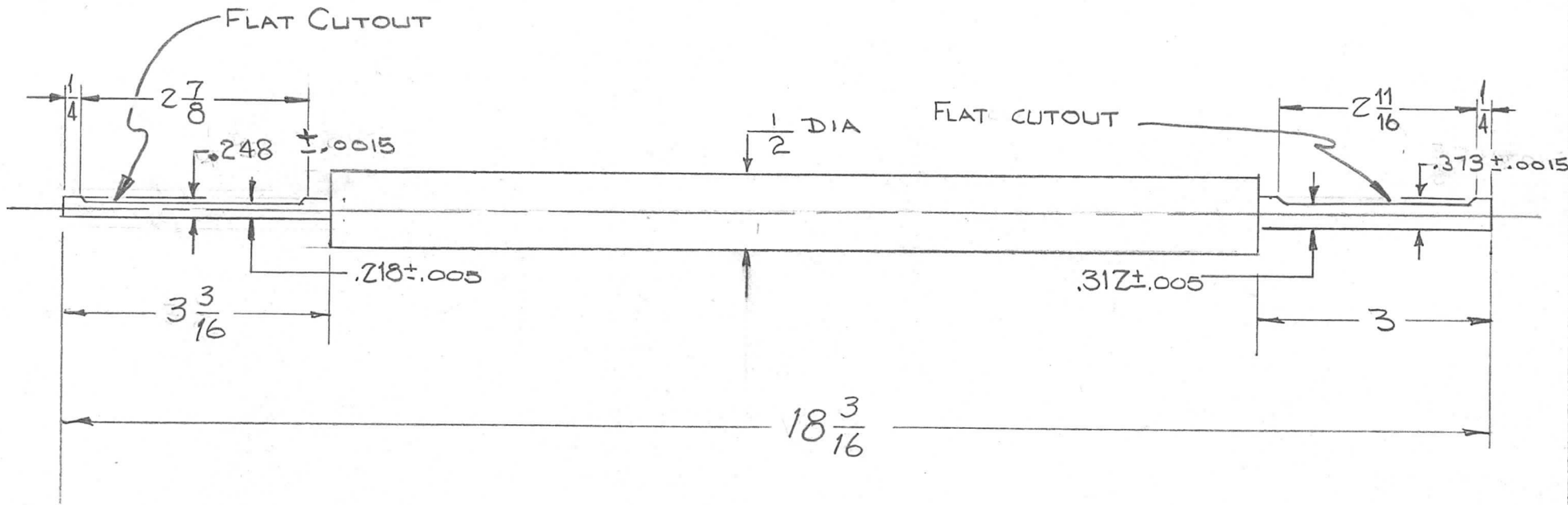
G		.373 WAS .375, 248 WAS .250	6-27-62	6820	R.T.	<i>JCB</i>	<i>APB</i>
F	2	2 1/2 was 2 3/16	4/24/61	4744	DJM	<i>JCB</i>	
	1	16 11/16 was 16 7/16					
E	1	O/A DIM. WAS 16 11/16	3-23-61	4449	M.A.F.	<i>JCB</i>	
D	1	added Flat Cutout	10-28-59	1490	Dm	<i>JCB</i>	<i>APB</i>
C	2	16 11/16 Dim was 17"	3/31/59		J.C.B.	<i>JCB</i>	<i>APB</i>
	1	2-3/16 Dim was 2					
B	1	NO. Req Per Unit was 3.	3/24/59		J.C.B.	<i>JCB</i>	<i>APB</i>
A	1	TOL was .015	2/20/59	821	<i>JCB</i>	<i>JCB</i>	<i>APB</i>

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ± 1/64							
ANGULAR DIM. ±							

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
		1/2 DIA	THE TECHNICAL MATERIEL CORP.		
		STOCK SIZE	MAMARONECK, NEW YORK		
		STAINLESS STEEL	SHAFT, VARIABLE CONDENSER		
		MATERIAL	GPT-10K		
	#303		<i>JCB</i>	<i>Van</i>	<i>APB</i>
	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
			<i>JCB</i>	<i>203</i>	PM-548 G
	FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	

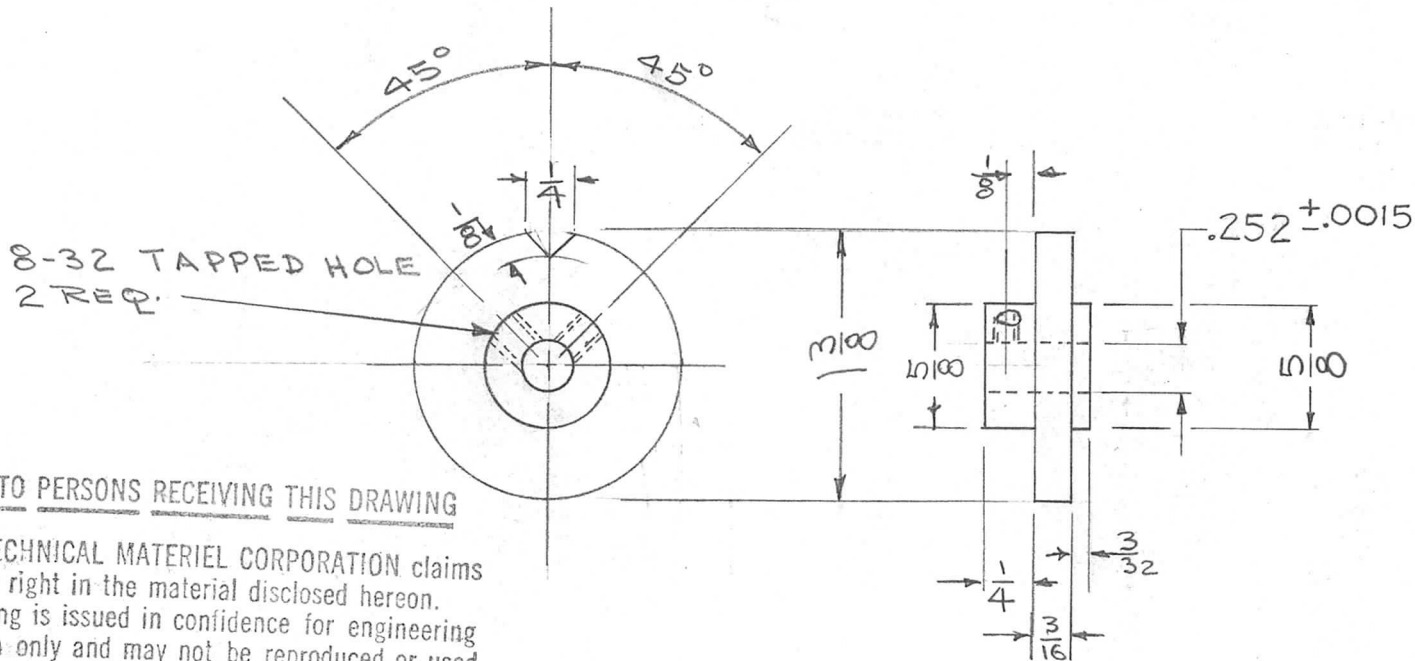


REQ. PER. UNIT	USED ON			PM-549	D
	MODEL	ASS'Y. NO.	DATE		
1	GPT-10K	RF DECK	2-12-59		



D		248 WAS .250, .373 WAS .375	6-27-62	6820	R.T.	file	9/12	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL		
C	1	ADDED FLAT CUTOUTS	10-28-59	1490	DM	gob	9/16	1/2 DIA			THE TECHNICAL MATERIEL CORP.			
B	2	18-3/16 DIM WAS 18 1/2	3/31/59	—	file			STOCK SIZE			MAMARONECK, NEW YORK			
B	1	3-3/16 DIM WAS 3-1/2	2/20/59	821	file			STAINLESS STEEL			MAIN SHAFT			
A	1	TOL WAS .015						MATERIAL			ANT. TUNER GPT-10K			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	#303			file	2/20	9/16	
TOLERANCES			SCALE:					TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								file	2/20	9/16	PM-549 D
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP			

REQ. PER. UNIT	USED ON			PM-550	A
	MODEL	ASS'Y. NO.	DATE		
1	AX-123. (10K)	A-1689	2-13-59		



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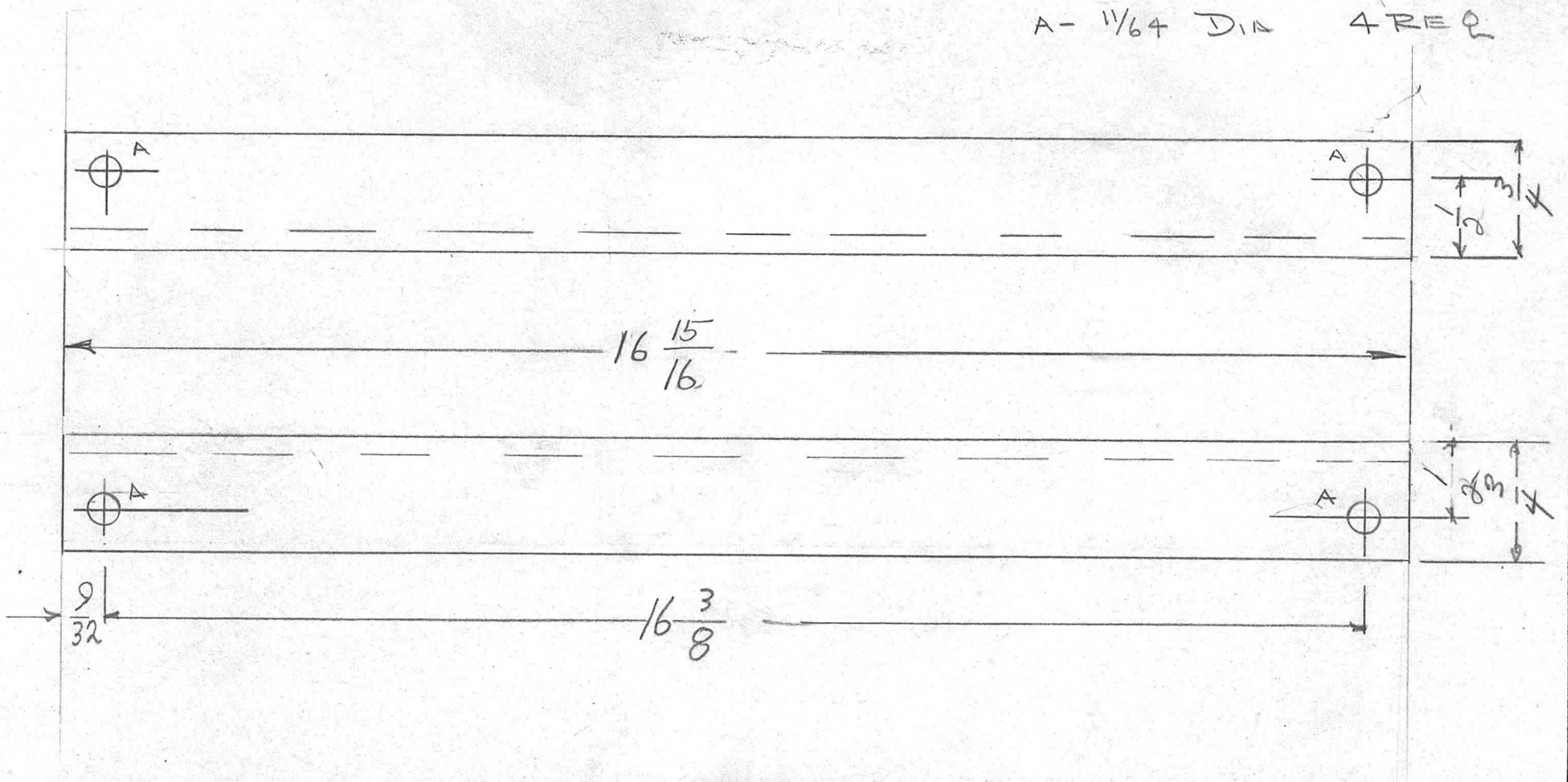
Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
			STOCK SIZE			
			BRASS			
			MATERIAL			
			1/2 HARD			
			TYPE & TEMPER HEATTREAT. SPEC.			
			NICKEL PLATE			
			FINISH & SPEC. NO.			
			DRAWN			
			CHECKED			
			FINAL APPROVAL			
			ELEC. DES. APP			
			MECH. DES. APP			

REQ. PER. UNIT	USED ON			PM-551
	MODEL	ASS'Y. NO.	DATE	
1	SB-12A.			

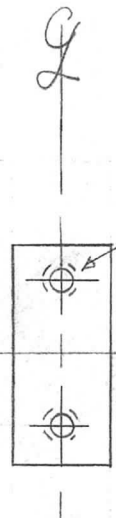
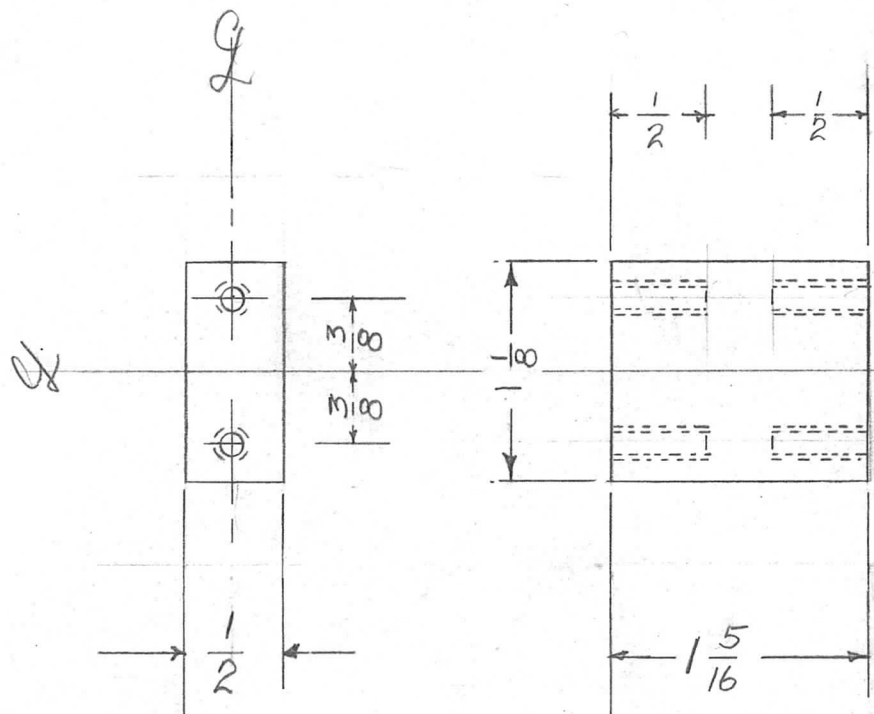
A - 1/64 DIA 4 REQ



REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
		3/4 X 3/4 X 1/8	THE TECHNICAL MATERIEL CORP.			
		STOCK SIZE	MAMARONECK, NEW YORK			
		ALUMINUM	Rear BRACE.			
		MATERIAL				
CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
SCALE:		6063-T5	AL M	ALM	ALM	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.		TYPE & TEMPER	CHECKED	CHECKED	CHECKED	
REMOVE ALL BURRS AND SHARP EDGES		HEATTREAT. SPEC.				
		FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP		
						PM-551

Handwritten notes and stamps on the bottom left corner, including a date stamp and a signature.

REQ. PER. UNIT	USED ON			PM-554 B
	MODEL	ASS'Y. NO.	DATE	
4	PS-12A	GPT-10K	2-19-58	

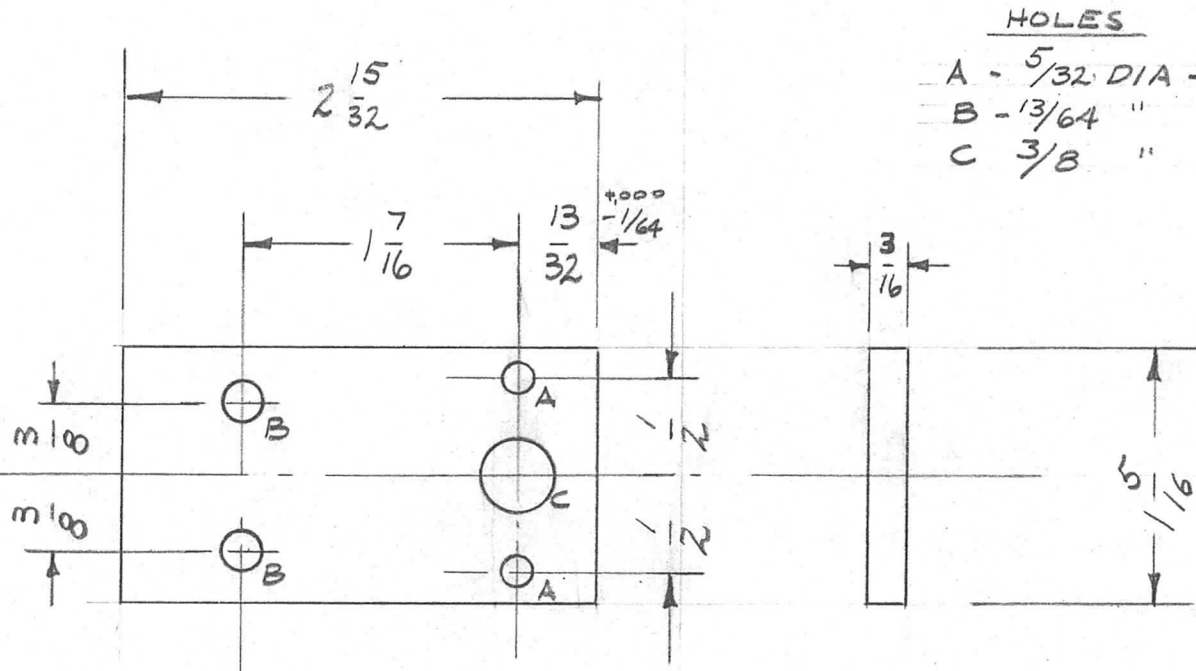


8/32 DRILL & TAP  
1/2 Deep  
4 REQ.

FINISH NOTE: FOR CORRECT SHADE OF IRIDITE USE SB-12A CHASSIS AS COLOR CHIP

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
									1/2 x 2	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	SPACER	
									STOCK SIZE			
B	1	1/8 DIM. WAS 2	3-18-63	8552	RC	<i>[Signature]</i>	<i>[Signature]</i>		ALUMINUM	PS-12A	GPT-10K	
A	1	MAT. WAS BRASS, TYPE WAS FREE MACH.	2-14-61	A121	MAT.	<i>[Signature]</i>	<i>[Signature]</i>		MATERIAL			
TOLERANCES			SCALE:					2024-T3			<i>[Signature]</i>	<i>[Signature]</i>
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								S404 YELL. IRIDITE (see Note)				PM-554 B
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	

REQ. PER UNIT	USED ON			PM-555
	MODEL	ASS'Y. NO.	DATE	
2	GPT-10000	A-1643	2-20-59	



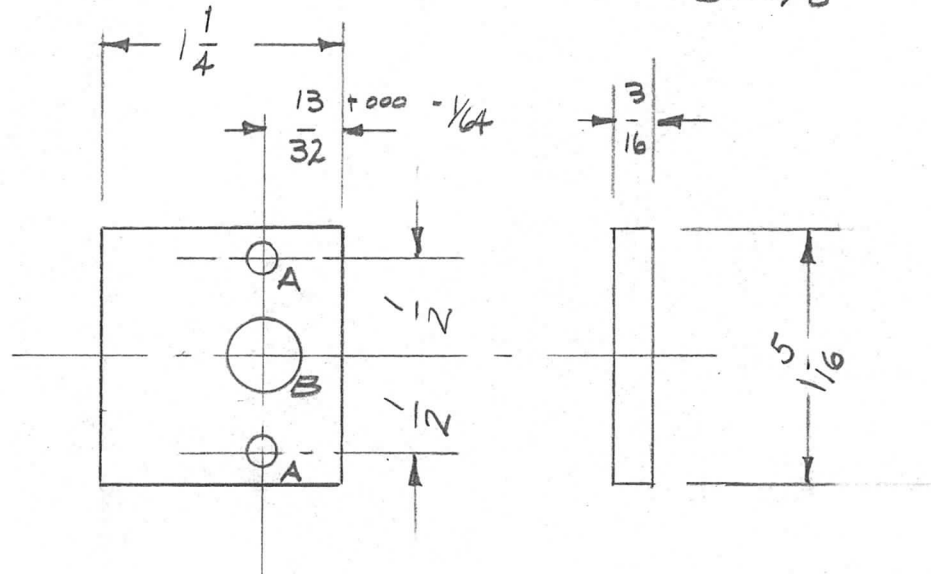
HOLES	REQ'D.
A - 5/32 DIA -	2
B - 13/64 "	2
C 3/8 "	1

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL			
		3/16 THICK	THE TECHNICAL MATERIEL CORP.					
		STOCK SIZE	MAMARONECK, NEW YORK					
		STEEL	MOUNTING BRACKET,					
		MATERIAL	LATCH. GPT 10K (HVR)					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>TOLERANCES</p> <p>DEC. DIM. ±</p> <p>FRAC. DIM. ±</p> <p>ANGULAR DIM. ±</p> </div> <div style="width: 20%;"> <p>SCALE: FULL</p> <p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p> </div> <div style="width: 20%;"> <p>TYPE &amp; TEMPER</p> <p>DR GREASE</p> <p>S114 ZINC CHROMATE</p> <p>S115 TMC GRAY</p> </div> <div style="width: 20%;"> <p>HEATTREAT. SPEC.</p> </div> <div style="width: 20%;"> <p>DRAWN</p> <p>J.P.</p> </div> <div style="width: 20%;"> <p>CHECKED</p> <p>J.B.</p> </div> <div style="width: 20%;"> <p>FINAL APPROVAL</p> <p>PM 555</p> </div> </div>
								<p>FINISH &amp; SPEC. NO.</p> <p>ELEC. DES. APP</p> <p>MECH. DES. APP</p>

REQ. PER. UNIT	USED ON			PM 556
	MODEL	ASS'Y. NO.	DATE	
2	GPT-10000	A-1643	2-20-59	

HOLES  
 A - 5/32 DIA  
 B - 3/8 "

REQ'D  
 2  
 1



REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL								
		3/16 THICK STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK										
		ALUMINUM	SHIM, PANEL LOCK										
		MATERIAL											
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.						
TOLERANCES			SCALE:			2024-T4		<del>TORICED</del>	JDe	ARB			
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			TYPE & TEMPER 3101 CAUSTIC D IP 5114 CHROMATE ZINC 5115 TMC GRAY	HEATTREAT. SPEC.	DRAWN J.D.	CHECKED RB	FINAL APPROVAL PM 556			
						FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP					

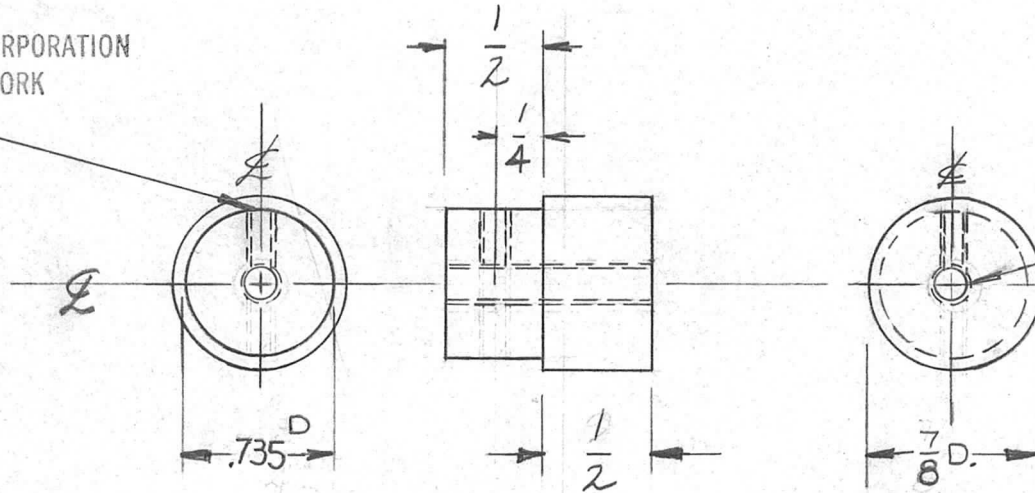
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REQ. PER. UNIT	USED ON			PM-557	E
	MODEL	ASS'Y. NO.	DATE		
2	GPT-10K	A-1644	2-20-59		

Property of:

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MAMARONECK, NEW YORK

DRILL + TAP  
FOR 6-32  
1 HOLE



DRILL + TAP  
FOR 10-32

E	2	Dim. .735 WAS 3/4	3-1-61	A269	RU	JCB	JCB
D	1	FINISH WAS COPPER FLASH WAS 2 RE Q.	9-6-60	2904	RU	JCB	JCB
C	1	DRILL + TAP 6-32 WAS 2 RE Q.	8-8-60		Cy	JCB	JCB
B	1	10-32 TAP WAS 1/4-20	7/26/59	1232	16	JCB	JCB
A	1	1/4-20 WAS 10-32 (For New Feedthru)	7/24/59			JCB	JCB
		1/4-20 TO 10-32 DRILL + TAP					

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
		7/8 OD	THE TECHNICAL MATERIEL CORP.		
		STOCK SIZE	MAMARONECK, NEW YORK		
		BRASS	INSERT, COIL FORM		
		MATERIAL	GPT-10K		
		HALF HARD	TORILLO	JCB	JCB
			2-20-59		
		TYPE & TEMPER	DRAWN	CHECKED	FINAL APPROVAL
		HEAT TREAT. SPEC.	J.D.	JCB	PM-557 E
		SILVER PATE & CLEAR IRIDITE			
		FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP	

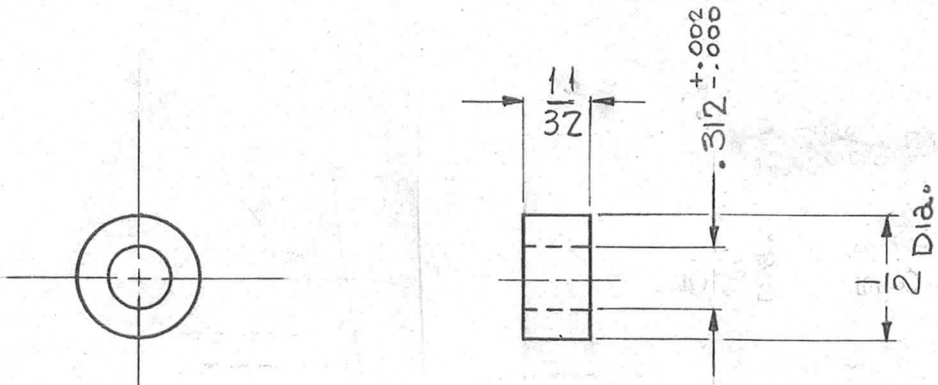
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: $\pm$				
DEC. DIM. $\pm$			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. $\pm$ 1/64							
ANGULAR DIM. $\pm$							





REQ. PER. UNIT	USED ON			PM-559 C
	MODEL	ASS'Y. NO.	DATE	
1	AS-119		2-25-59	

10K



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ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
C		11/32 WAS 13/32	2-2-66	15688	<i>AM</i>	<i>AM</i>	<i>AM</i>			1/2 DIA.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	BUSHING, WORM GEAR BAND SWITCH GPT 10K	
B	2	13/32 DIM WAS 11/32 1/2 DIA. WAS 5/8 DIA.	3-10-64	10990	AM	<i>AM</i>	<i>AM</i>			STOCK SIZE			
A		DIM .312 <sup>+0.002</sup> / <sub>-0.000</sub> WAS 5/16 <sup>+0.001</sup> / <sub>-0.000</sub>	5-6-63	8947	<i>AM</i>	<i>AM</i>	<i>AM</i>			BRASS			
TOLERANCES			SCALE:					TYPE & TEMPER		HEATTREAT. SPEC.	J.C. BIELE	<i>AM</i>	<i>AM</i>
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					FINISH & SPEC. NO.			DRAWN	CHECKED	FINAL APPROVAL
											ELEC. DES. APP	MECH. DES. APP	PM-559 C

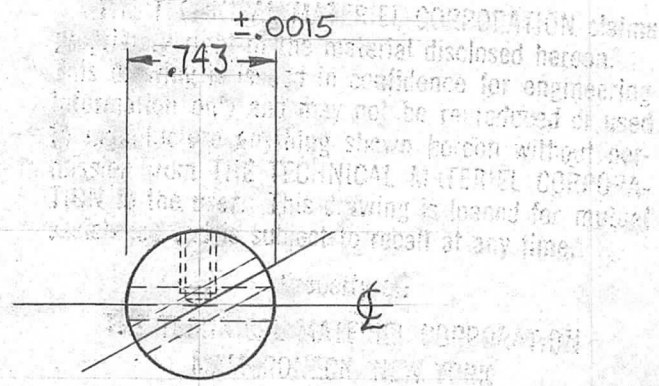
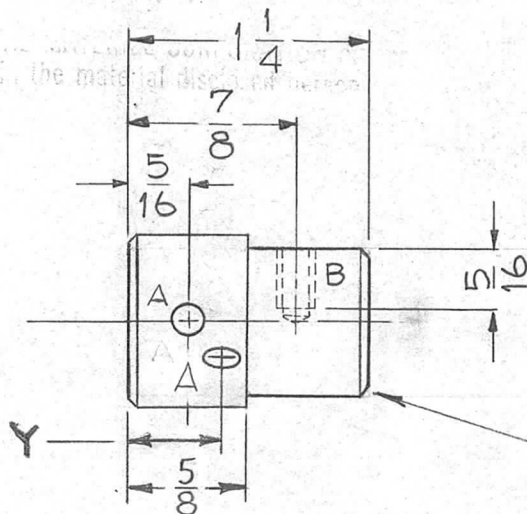
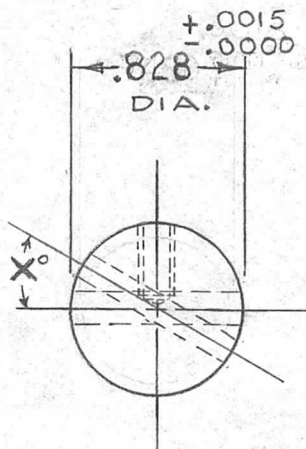
TMC P/N	X°	Y	HOLE "A" REQ
PM 560	—	—	1
PM 560-2	30°	1/2	2

REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
10	GPT 10K	CL-151	2-26-59
6	BCT-10KA	CL-431	

PM-560 D

A ~ 5/32 (.156) DIA. (SEE CHART) 1 REQ.

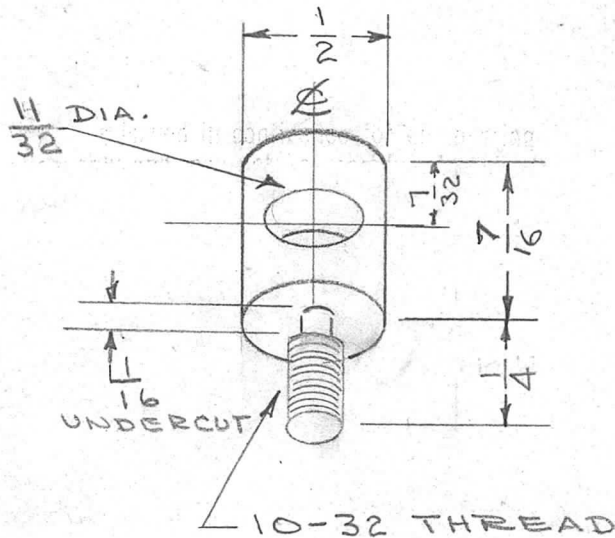
B ~ DRILL & TAP, 6-32 1 REQ.



BEVEL BOTH ENDS

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
D		ADD. PM 560-2	2.6.69	19298	GE	JDR	FB				<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK <b>INSERT, LINE FILTER COIL</b>	D			
C	1	COMPLETELY REVISED	12-17-64	13035	g.z.	@									
B	1	.743 ±.0015 WAS .7480 ±.0015	4-5-60	2002	g.z.	JDR									
A	1	.7480 ±.0015 Dim. was 3/4"	5/27/59	1020	J.C.B.	JDR									
TOLERANCES		SCALE:		MATERIAL		TYPE & TEMPER		HEATTREAT. SPEC.		DRAWN			CHECKED		FINAL APPROVAL
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.		1/2 HARD		NATURAL				J.C. BIELE		JDR		CJB	
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES										208		PM-560 D	
ANGULAR DIM. ±												ELEC. DES. APP.		MECH. DES. APP.	

REQ. PER. UNIT	USED ON			PM-561	A
	MODEL	ASS'Y. NO.	DATE		
3	RFB-1	GPT-10K	3-24-59		
3	RFD-1	PAL-1K	6-22-59		



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MAMARONECK, NEW YORK

							REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
							STOCK SIZE			MOUNTING STUD, COIL		
A	1	DIM 1/4 WAS 5/16	712-63	9602	E	M.P.	BRASS					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL				
TOLERANCES			SCALE:				FREE TURNING			10RILLO	AMB	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
							FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	PM-561	A

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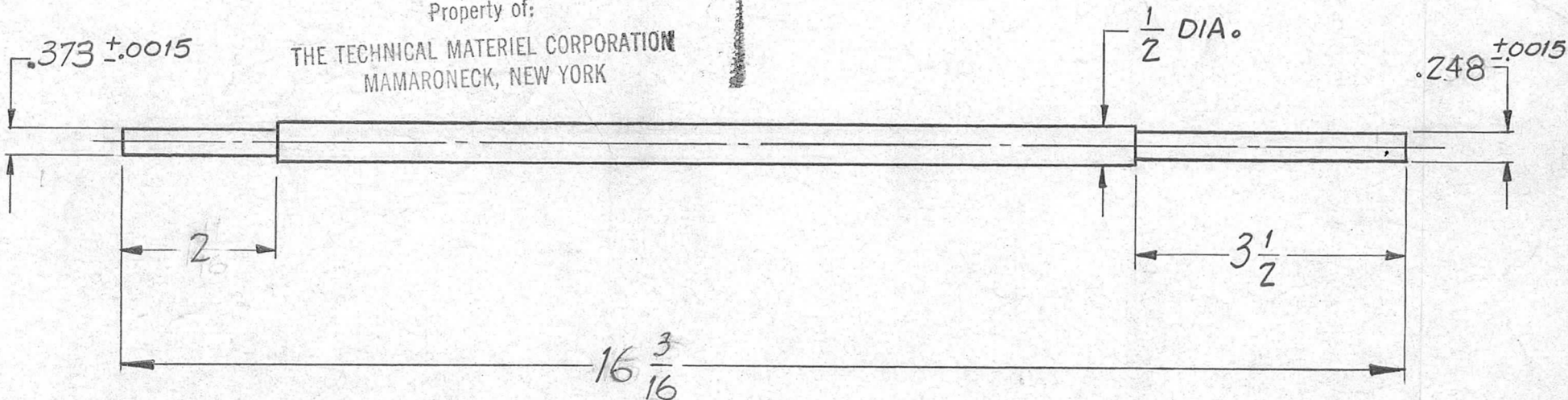
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MAMARONECK, NEW YORK

REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT 10K	RF DECK	3/24/59

PM-562 D



D		.373 WAS .375, .248 WAS .250	6-27-62	6820	R.T.	<i>Yale</i>	<i>W.F.</i>	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
C	2	DIM 2" WAS $1 \frac{1}{16}$	4/26/61	4744	<i>W.F.</i>	<i>J.C.B.</i>	<i>W.F.</i>	1/2 DIA.			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SHAFT, VARIABLE CONDENSOR (GPT 10K)	PM-562 D	
	1	DIM $16 \frac{3}{16}$ WAS $15 \frac{1}{16}$						STOCK SIZE					
B	1	O/A DIM WAS $16 \frac{3}{16}$	3-23-61	4449	W.A.F.	<i>J.C.B.</i>	<i>W.F.</i>	STAINLESS STEEL					
A	2	$16 \frac{3}{16}$ DIM WAS $16 \frac{1}{2}$	3/3/59		J.C.B.	<i>W.F.</i>	<i>W.F.</i>	MATERIAL					
	1	$1 \frac{1}{16}$ DIM WAS 2"						#303		J.C. BIELE			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
TOLERANCES			SCALE: DO NOT SCALE					FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.		
DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										

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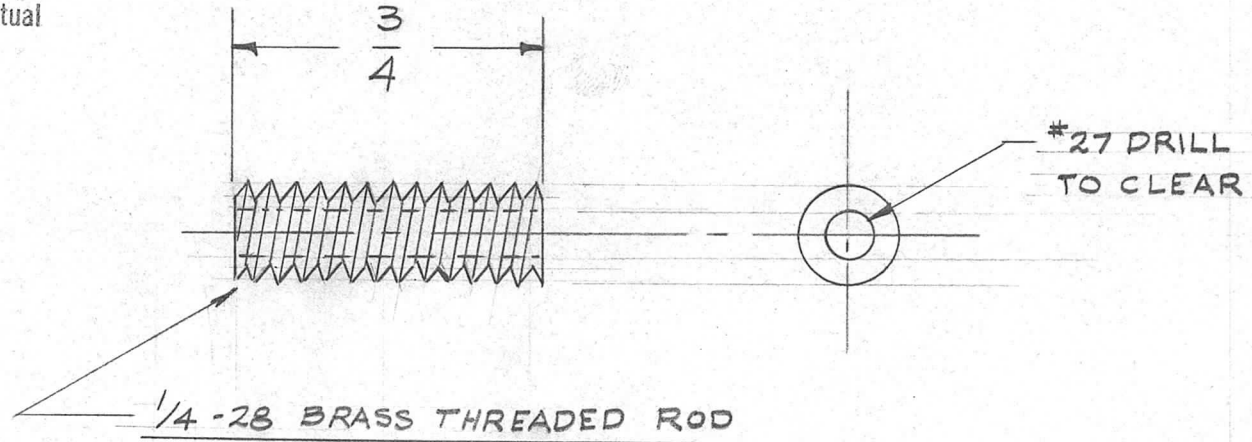
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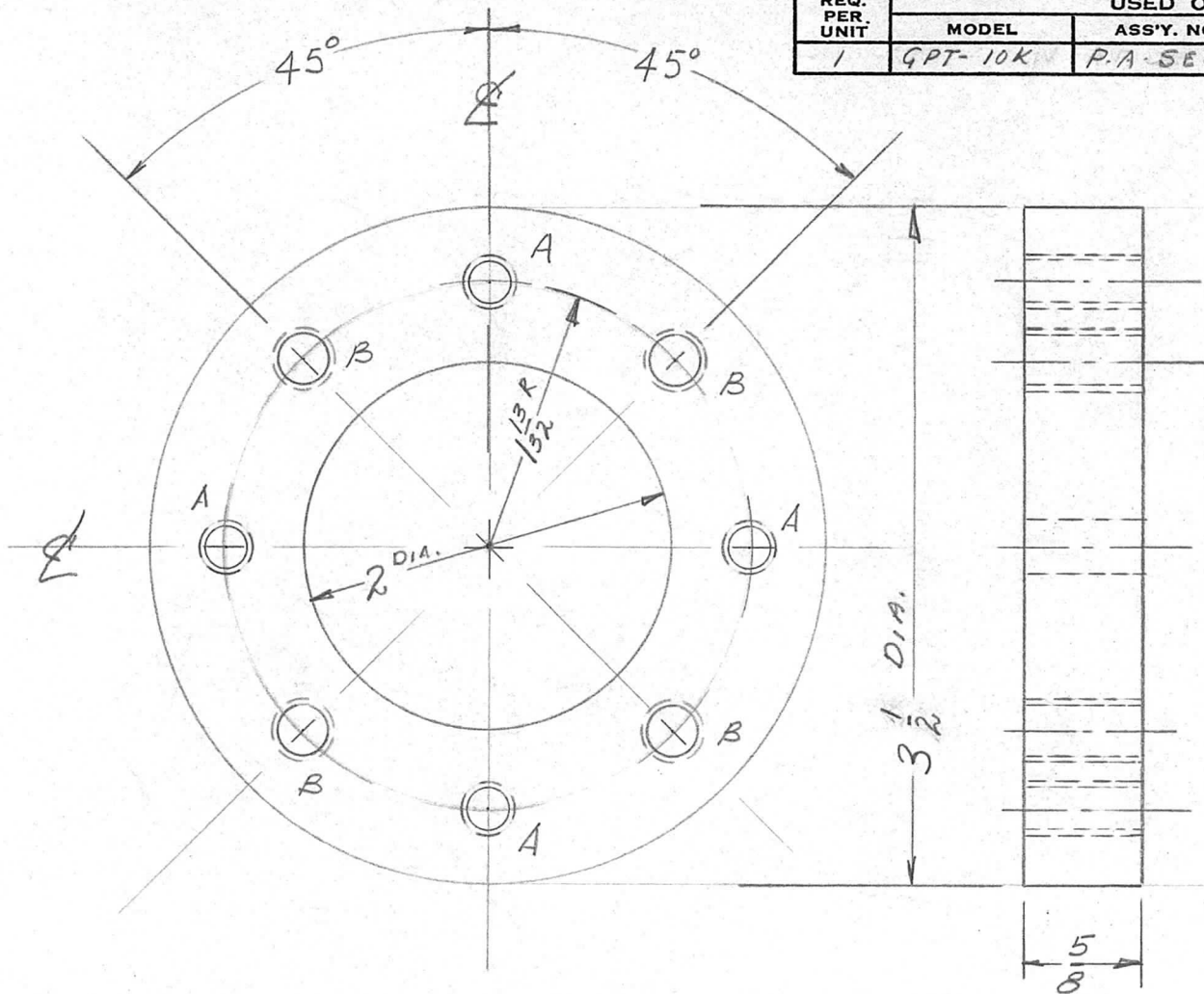
REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	RFB-1	GPT-10K	3-31-59
1	RFD-1	PAL-1K	6-22-59

PM 563



							REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL		
									1/4-28 THREADED ROD	THE TECHNICAL MATERIEL CORP.				
									STOCK SIZE	MAMARONECK, NEW YORK				
									BRASS -	COAX FEED THRU				
									MATERIAL	GPT-10K	IPA			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	<i>[Signature]</i>	<i>[Signature]</i>	TORILLO	<i>[Signature]</i>			
TOLERANCES			SCALE:											
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES											
FRAC. DIM. ±														
ANGULAR DIM. ±														
							FINISH & SPEC. NO.			ELEC. DES. APP	MECH. DES. APP	PM-563		

REQ. PER. UNIT	USED ON			PM-564
	MODEL	ASS'Y. NO.	DATE	
1	GPT-10K	P.A-SEC		

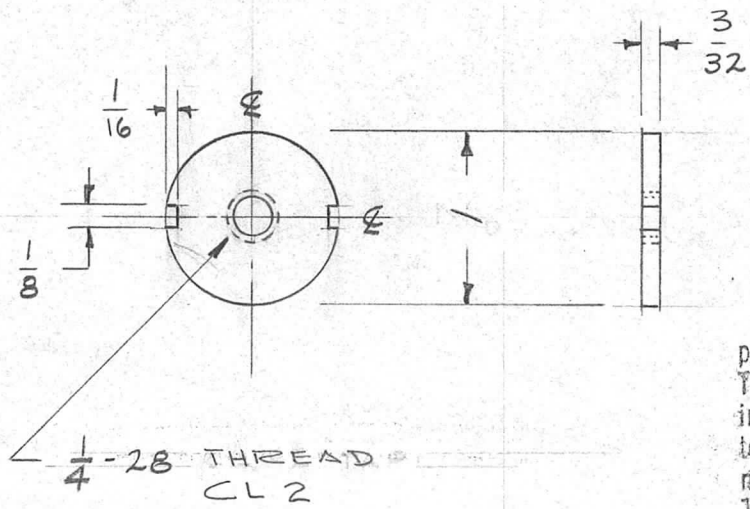


A- $\frac{1}{4}$ -20 DR+ TAP 4 REQ.  
 B- $\frac{5}{16}$ -18 DR+ TAP 4 REQ.

REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
			THE TECHNICAL MATERIEL CORP.			
			MAMARONECK, NEW YORK			
			ADAPTOR, CO-AXIAL PLUG			
			MATERIAL			
			2024-T3			
			TYPE & TEMPER			
			S404-IRIDITE			
			FINISH & SPEC. NO.			
			HEATTREAT. SPEC.			
			DRAWN			
			CHECKED			
			FINAL APPROVAL			
			ELEC. DES. APP			
			MECH. DES. APP			

REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	RFB-1	A-1625	4/6/59
4	GPT-10K	A-1625	4-6-59
2	GPT-750	A-1625	4-6-59
2	RFD-1	A-1625	6-22-59

PM-565



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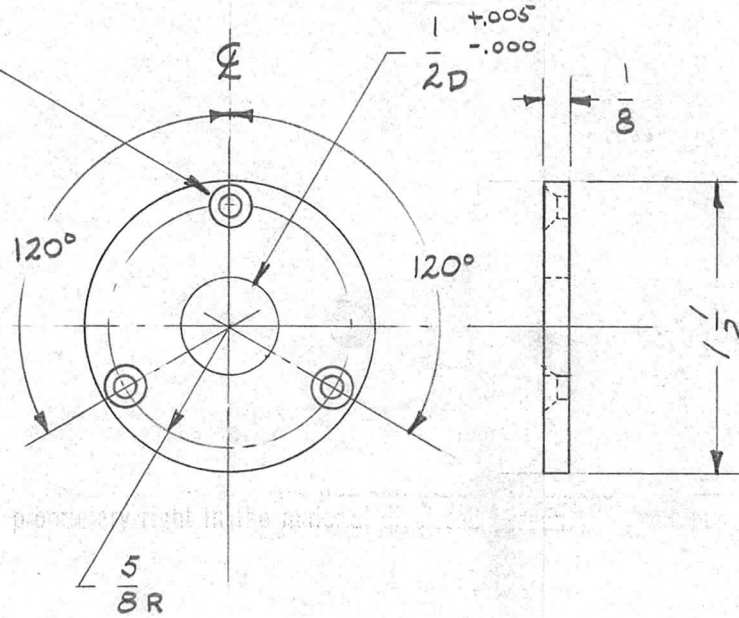
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MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL		
								3/32 THICK		THE TECHNICAL MATERIEL CORP.			
								STOCK SIZE		MAMARONECK, NEW YORK			
								BRASS		PRESSURE PLATE			
								MATERIAL					
								FREE TURN					
								TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED		
								NICKEL PLATE .0003					
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP		
TOLERANCES			SCALE:					TERRILLO		HAK		GMB	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									PM-565	

REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	RFB-1	A-1625	7/6/59
4	GPT-10K	A-1625	"
2	GPT-750	A-1625	"
2	RFD-1	A-1625	6-23-59

PM-566

C'SINK 6-32 F.H.S.  
3 REQ'D.



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MAMARONECK, NEW YORK

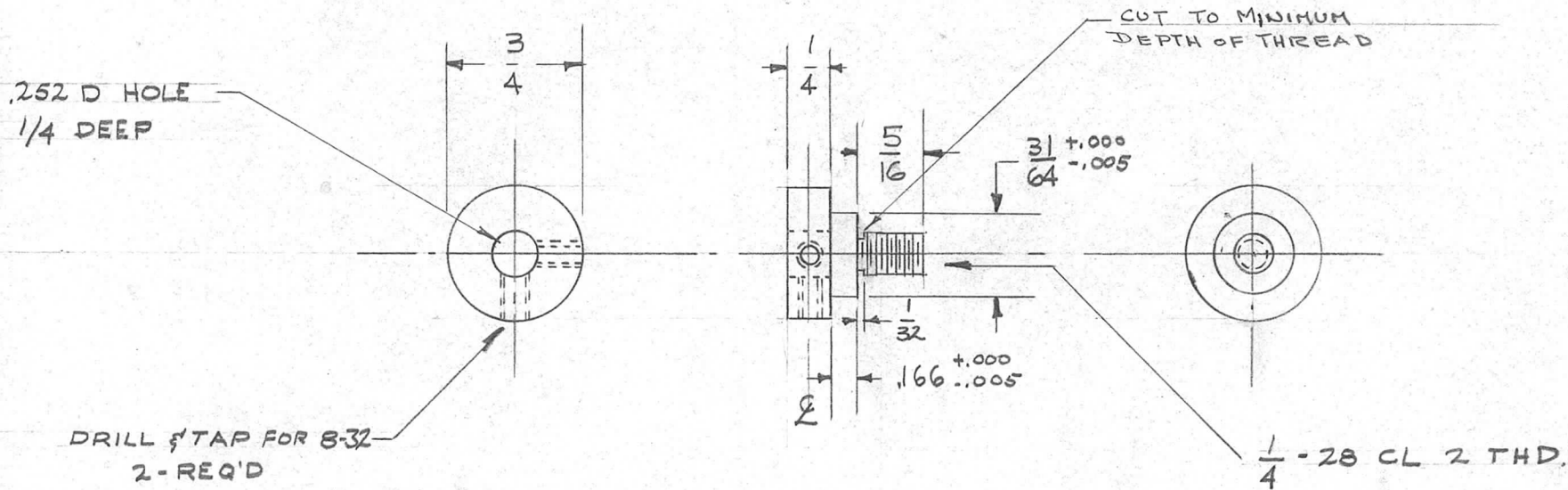
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
								1/8		THE TECHNICAL MATERIEL CORP.		
								STOCK SIZE		MAMARONECK, NEW YORK		
								ALUMINUM		MOUNTING PLATE		
								MATERIAL		GPT-10K	IPA	
								5052-H32		DRILLO		
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	
								S404 IRIDITE		ATB		
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	
TOLERANCES			SCALE:					MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
DEC. DIM. ±												
FRAC. DIM. ±												
ANGULAR DIM. ±												
											PM-566	



REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
2	RFB-1A	A-1625	4/6/59
4	GPT-10K	A-1625	"
2	GPT-750	A-1625	"
2	RFD-1	A-1625	6-22-59

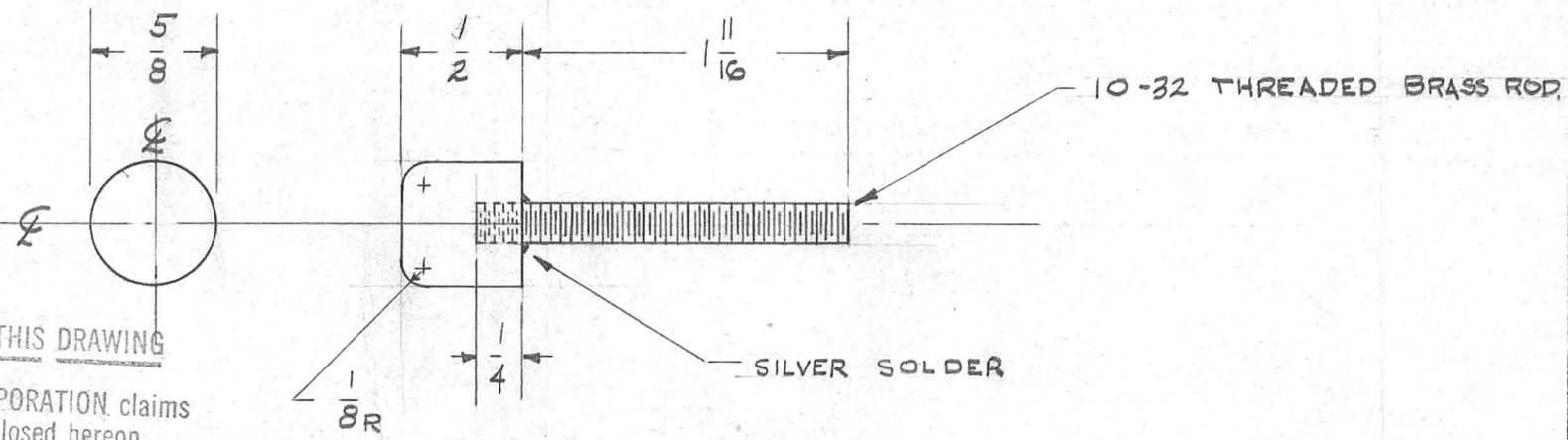
PM-567

A



							REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
							3/4 DIA.			THE TECHNICAL MATERIEL CORP.			
							STOCK SIZE			MAMARONECK, NEW YORK			
							BRASS			MOUNTING STUD			
							MATERIAL						
							FREE TURNING			TORILLO			
							TYPE & TEMPER			DRAWN			
							HEATTREAT.SPEC.			CHECKED			
							NICKLE PLATE .0003 TK.			FINAL APPROVAL			
							FINISH & SPEC. NO.			ELEC. DES. APP			
										MECH. DES. APP			
										PM-567			A

REQ. PER. UNIT	USED ON			PM-568	A
	MODEL	ASS'Y. NO.	DATE		
1	RFB-1		4/6/59		



NOTICE TO PERSONS RECEIVING THIS DRAWING

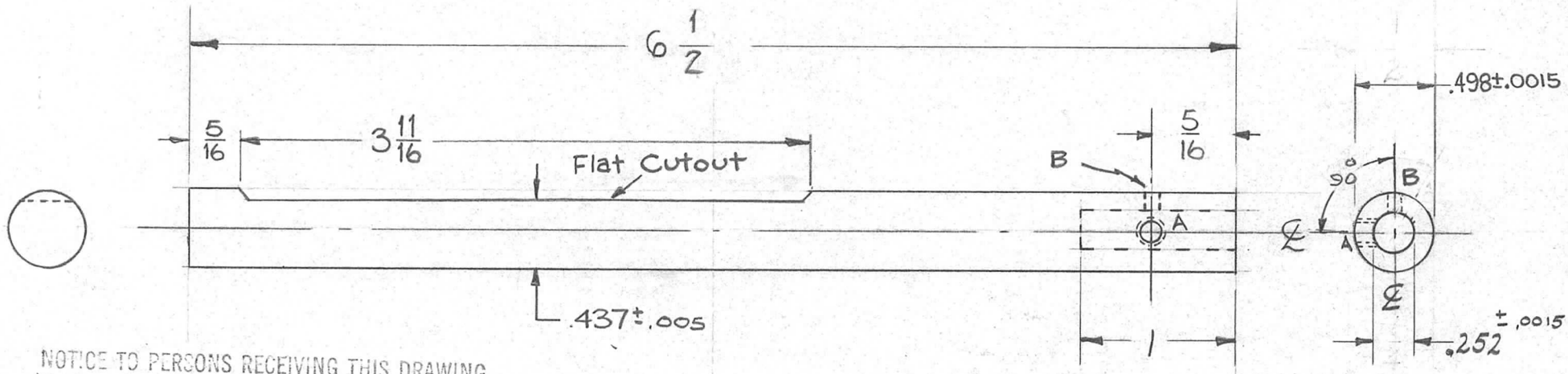
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MAMARONECK, NEW YORK

								REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
								5/8		THE TECHNICAL MATERIEL CORP.				
								STOCK SIZE		MAMARONECK, NEW YORK				
A	1	5/8 to 1/2	4/8/59					BRASS	IPA CONTACT BUTTON					
								MATERIAL		GPT-10 K			IPA	
ISSUE			CHANGED FROM			DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	FREE TURNING	TORILLO	JDE	
TOLERANCES			SCALE:			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
DEC. DIM. ±									NICKEL PLATE .0003		ATB	MSE	DM-568 A	
FRAC. DIM. ±									FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP	
ANGULAR DIM. ±														



REQ. PER. UNIT	USED ON			PM-571	C
	MODEL	ASS'Y. NO.	DATE		
1	GPT-10K		4 28 59		



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Property of:

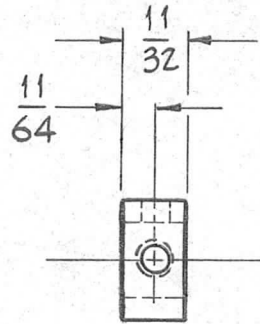
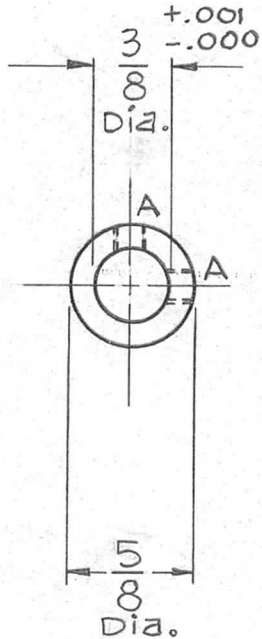
THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

A - DRILL & TAP FOR 8-32 1 REQ'D.  
B - #52 Drill 1 "

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
C	498 WAS 1/2 DELETED STOCK SIZE 1/2	6-29-62 6822 R.T. <i>file</i>	
B	#52 DR WAS .065 D. 5/16 WAS 11/32 SLOPED FLAT CUTOUT	10/28/54 1490 DM <i>JCB</i>	
A	1" A Hole Deleted 90° WAS 120° 1" B Hole Added	3/26/59 1233 <i>KG</i>	
ISSUE	ITEM	CHANGED FROM	DATE CH. NO. DRAFTS CHECKER ENG. APP.
TOLERANCES		SCALE:	
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES	
ANGULAR DIM. ±			
GRADE 303		MATERIAL	
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
STAINLESS STEEL		DRAWN <i>JORILLO</i> CHECKED <i>HQ</i> FINAL APPROVAL <i>AKB</i>	
MATERIAL		DRAWN <i>JORILLO</i> CHECKED <i>HQ</i> FINAL APPROVAL <i>AKB</i>	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		DRAWN <i>JORILLO</i> CHECKED <i>HQ</i> FINAL APPROVAL <i>AKB</i>	
VERTICAL SHAFT, VARIABLE CONDENSOR		DRAWN <i>JORILLO</i> CHECKED <i>HQ</i> FINAL APPROVAL <i>AKB</i>	
PASSIVATE		DRAWN <i>JORILLO</i> CHECKED <i>HQ</i> FINAL APPROVAL <i>AKB</i>	
PM-571		DRAWN <i>JORILLO</i> CHECKED <i>HQ</i> FINAL APPROVAL <i>AKB</i>	

REQ. PER. UNIT	USED ON			PM-572
	MODEL	ASS'Y. NO.	DATE	
4	GPT 10K		5-4-59	

A ~ Drill & Tap 6-32 ~ 2 Req.



NOTICE TO PERSONS RECEIVING THIS DRAWING

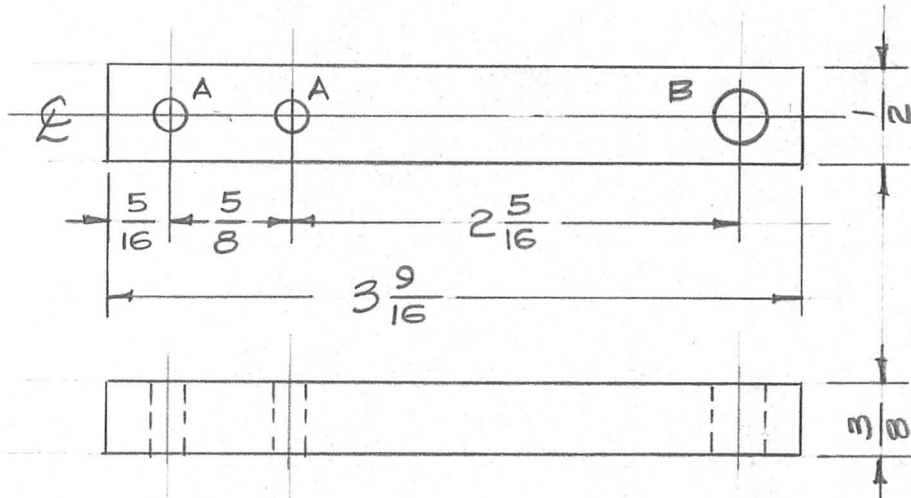
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MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL		
										5/8 Dia.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK BUSHING. WORM GEAR STOP			
										STOCK SIZE				
										Brass				
										MATERIAL				
TOLERANCES								SCALE:		//	J.C. BIELE			
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
										//				
										FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP	PM-572	

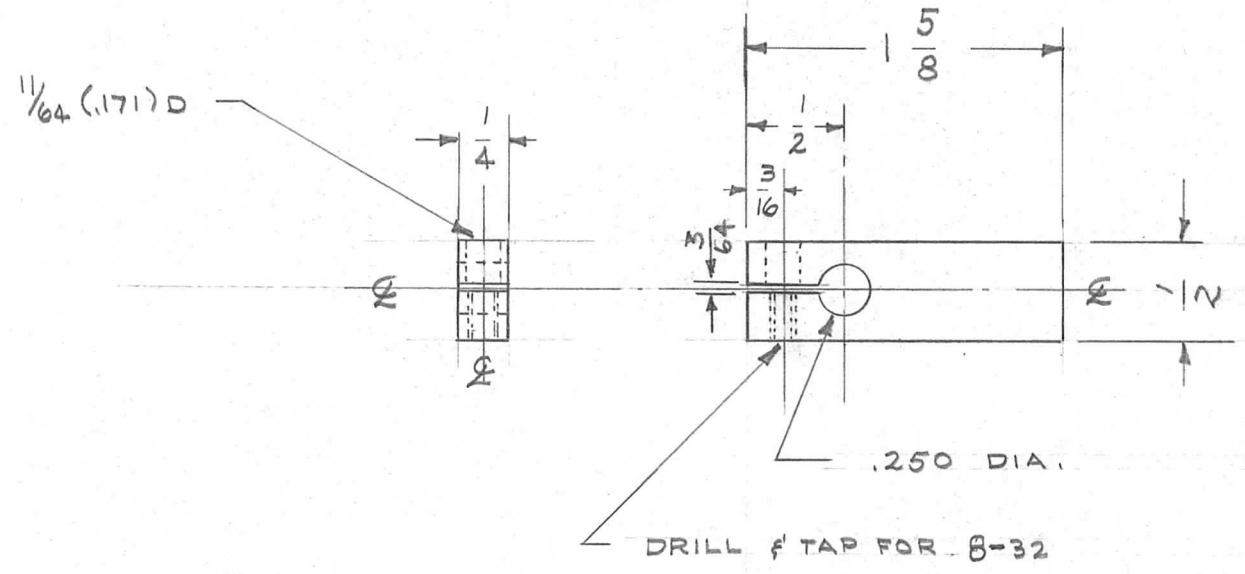
REQ. PER. UNIT	USED ON			PM-574
	MODEL	ASS'Y. NO.	DATE	
1	PS-5 PAL-1K		6-15-59	



A -  $\frac{11}{64} (.171) D.$  2 Req.  
 B -  $\frac{9}{32} (.281) D.$  1 Req.

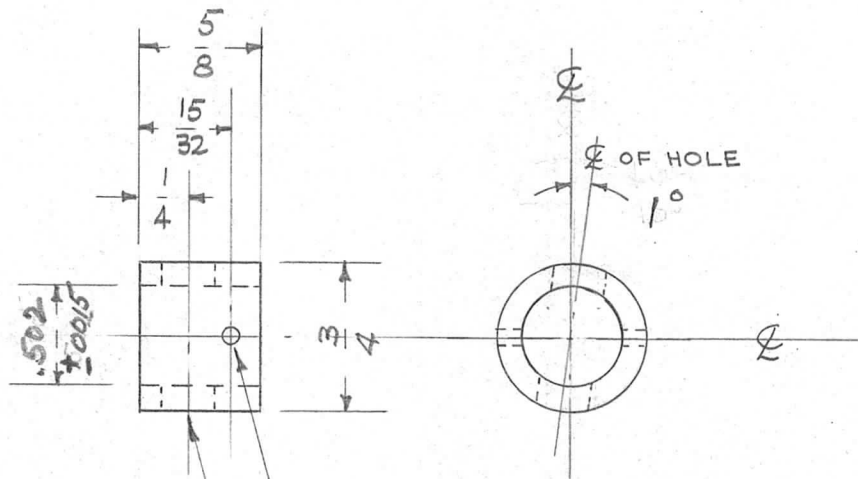
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
								3/8 x 1/2 BAR		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SUPPORT, TUBE CLAMP		
								STOCK SIZE				
								ALUMINUM				
								MATERIAL				
								2024-T3		16 <sup>6</sup> /15/59		
TOLERANCES			SCALE: FULL (Do Not Scale)									
DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								S404 Iridite				PM-574
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	

REQ. PER. UNIT	USED ON			PM-576	A
	MODEL	ASS'Y. NO.	DATE		
2	ATS-50(70)T02		6-12-59		



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL			
									1/2 X 1/4 BAR	THE TECHNICAL MATERIEL CORP.				
									STOCK SIZE	MAMARONECK, NEW YORK				
A		DIM. 3/64 WAS 1/32; DRILL & TAP FOR 8-32 WAS FOR 6-32	2-17-65	13544	2, 2	JOB	QD		ALUMINUM	SWITCH INDEX				
									MATERIAL					
									5052-H32					
									TYPE & TEMPER	HEATTREAT. SPEC.				
									S 404 YELLOW IRIDITE					
									FINISH & SPEC. NO.					
TOLERANCES			SCALE: FULL					DRAWN		CHECKED	FINAL APPROVAL			
DEC. DIM. ± .002			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					6-12-59		JOB AMP		PM-576 A		
FRAC. DIM. ± 1/64								ELEC. DES. APP		MECH. DES. APP				
ANGULAR DIM. ±														

REQ. PER. UNIT	USED ON			PM-577
	MODEL	ASS'Y. NO.	DATE	
1	ATS-50(70)T02		6-12-59	



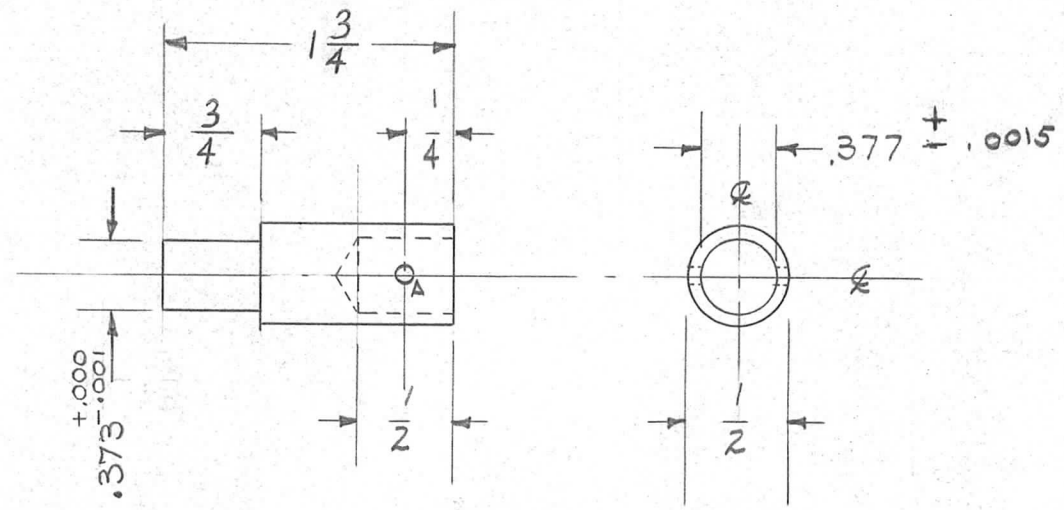
# 51 DR. (.067 D.) DRILL THRU.  
 17/64 (.265 D) DRILL THRU.

FINISH:  
 S-245 SILVER PLATE .0005  
 S-423 IRIDITE 18 P SILVER KOTE

							REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL	
							3/4 O.D.			THE TECHNICAL MATERIEL CORP.				
							STOCK SIZE			MAMARONECK, NEW YORK				
							BRASS			COLLAR, SHAFT				
							MATERIAL							
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	HALF HARD	#	TORILLO	6-12-59	JH	APB	
TOLERANCES			SCALE:				TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL			
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				SEE NOTE	E	844		PM-577			
FRAC. DIM. ± 1/64							FINISH & SPEC. NO.			ELEC. DES. APP	MECH. DES. APP			
ANGULAR DIM. ± .1°														



REQ. PER. UNIT	USED ON			PM-578	B
	MODEL	ASS'Y. NO.	DATE		
1	TU-2	ATS-50(70)	6-16-59		

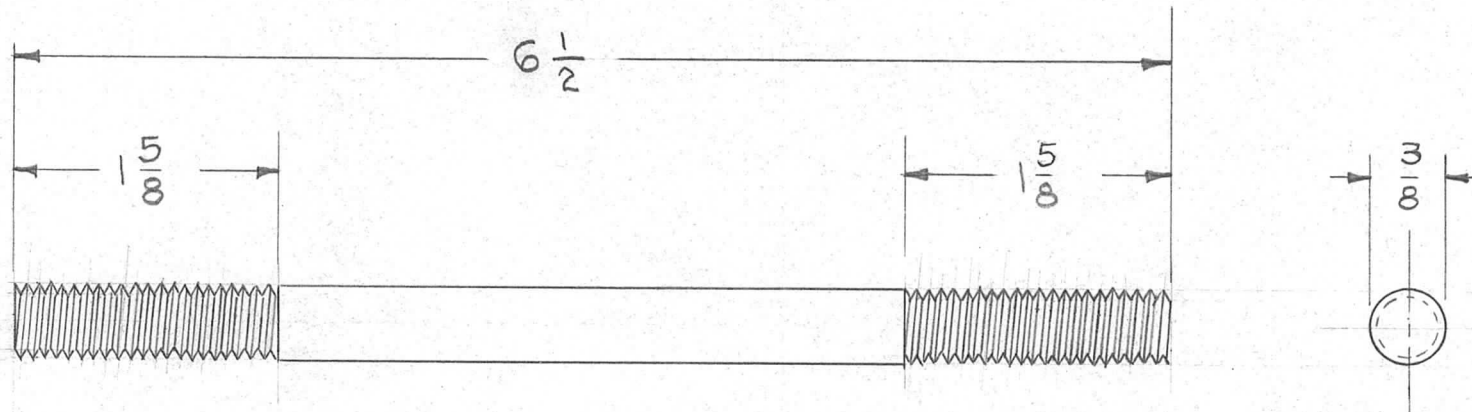


A - #51 DRILL (.067)D. 1 REQ'D  
DRILL THRU.

NOTE:  
SILVER PLATE .0002  
S-423 IRIDITE, CLEAR,

								REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
								1/2		THE TECHNICAL MATERIEL CORP.		
								STOCK SIZE		MAMARONECK, NEW YORK		
								BRASS		CONNECTOR SHAFT, DRIVE		
								MATERIAL				
								FREE MACHINING				
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								SEE NOTE				
								FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP	PM-578 B	
B	1	.373 DIM. WAS 3/8	4-11-62	6580	EE	File	File					
A	2	3/4 DIM. WAS 1/2	10-14-60	3157	MS	File	File					
	1	1 3/4 DIM. WAS 1 1/2										
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.					
TOLERANCES			SCALE:									
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.									
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES									
ANGULAR DIM. ±												

REQ. PER. UNIT	USED ON			PM-579 A
	MODEL	ASS'Y. NO.	DATE	
1	TU-2	ATS-50(70)	6-17-59	



3/8-16 THREADS  
CL. 2  
(BOTH ENDS)

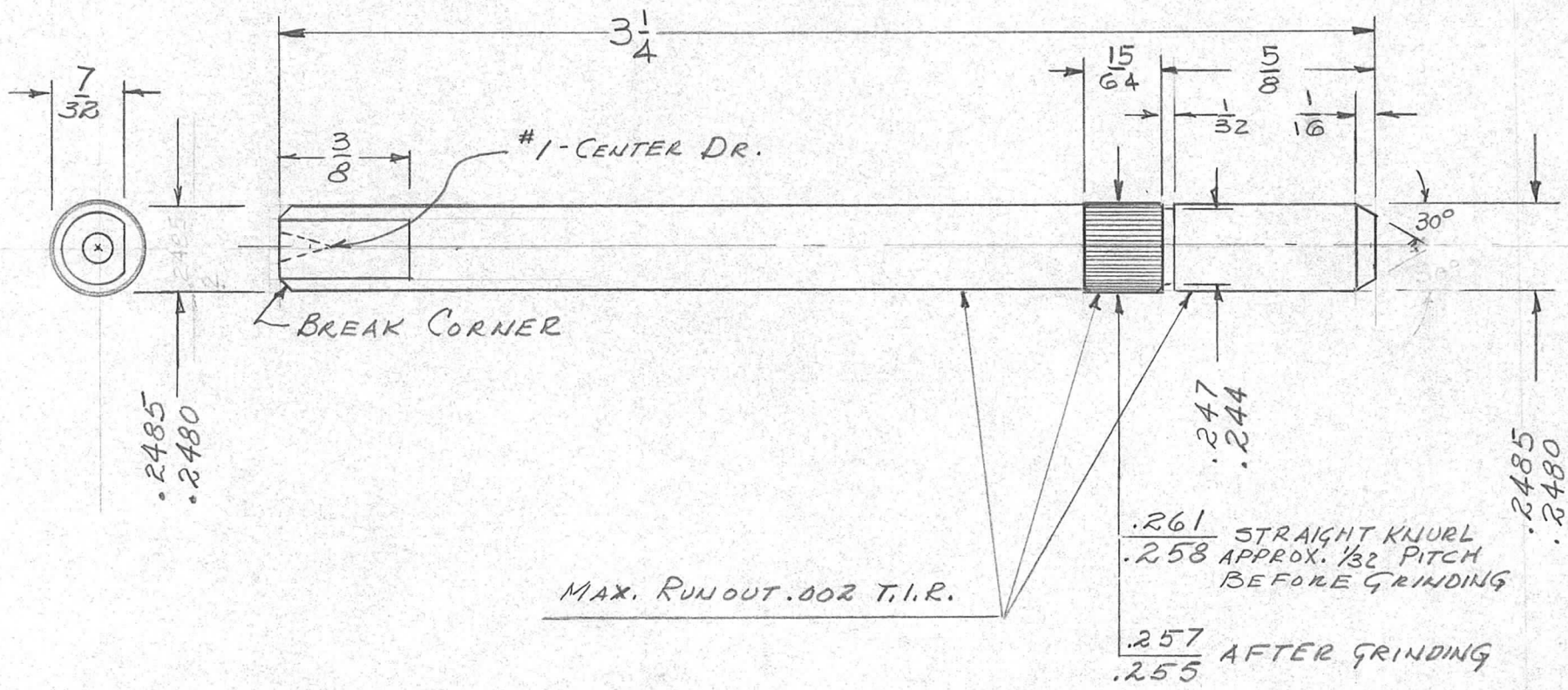
FINISH:

SILVER PLATE .0002

S-423 IRIDITE, SILVER KOTE

								REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL						
								3/8		THE TECHNICAL MATERIEL CORP.							
								STOCK SIZE		MAMARONECK, NEW YORK							
A	1	1 5/8 WAS 1 3/8	3-25-64	11109	A.M.	@	lb	BRASS	ROD, FEED THRU								
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL									
TOLERANCES			SCALE:					FREE MACHINING									
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL					
FRAC. DIM. ±								SEE NOTE									
ANGULAR DIM. ±								FINISH & SPEC. NO.							ELEC. DES. APP	MECH. DES. APP	PM-579 A

REQ. PER. UNIT	USED ON			PM-582
	MODEL	ASS'Y. NO.	DATE	
1		MO-109	10-29-59	

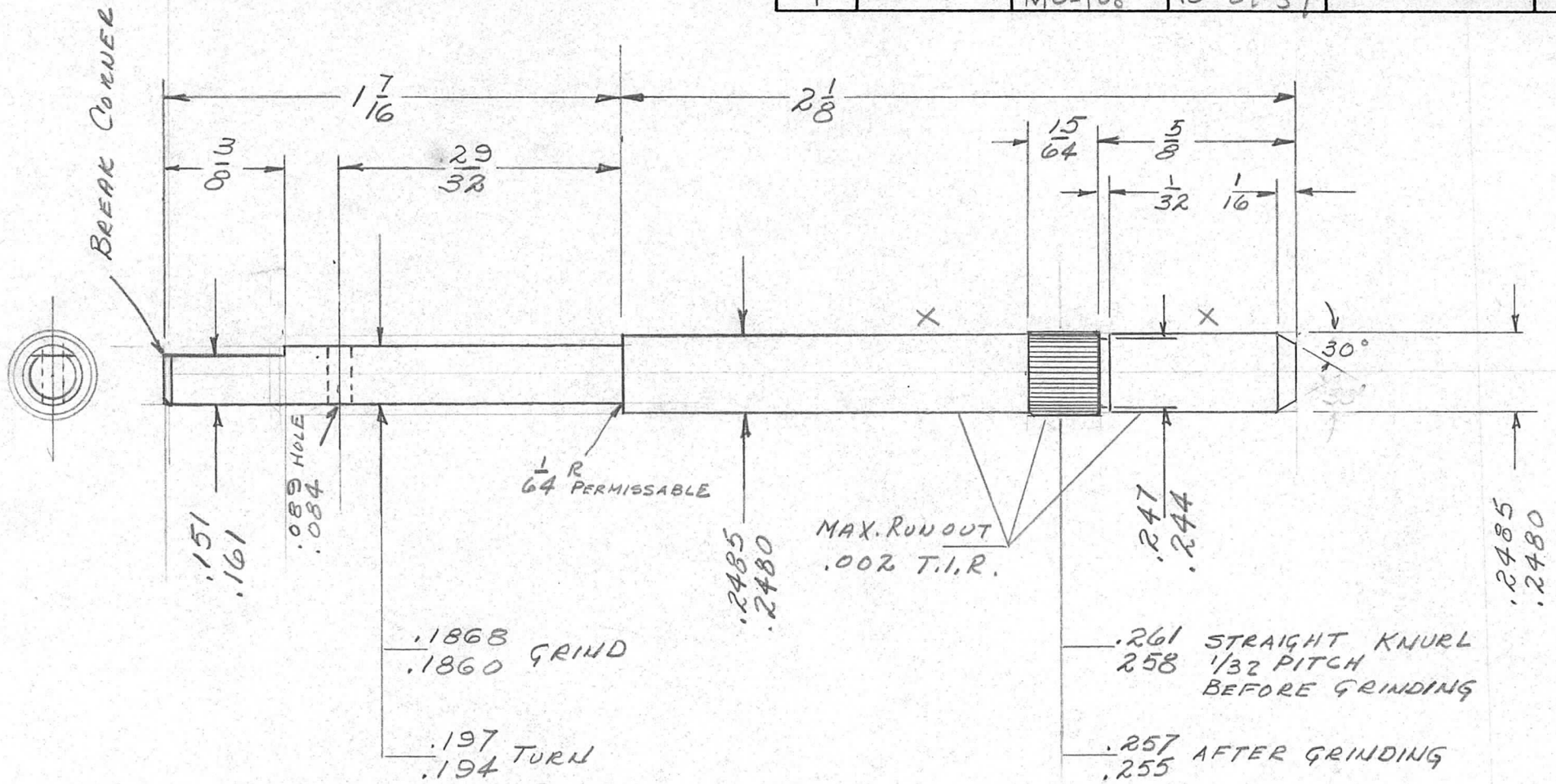


\* PREVIOUS HARDENING DONE  
 \* ROCKWELL C42-46 TEST AT -X

REF. Barber-Colman XYAZ-409-1  
 REF. TMC-MO-109

							REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL		
							9/32 DIA.		THE TECHNICAL MATERIEL CORP.			
							STOCK SIZE		MAMARONECK, NEW YORK			
							STAINLESS ST'IL		TAKE OFF SHAFT			
							MATERIAL					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	#410	* SEE NOTE	aw	JLW	af
TOLERANCES			SCALE: <i>1/16</i>				TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.		
									PM-582			

REQ. PER. UNIT	USED ON			PM-583
	MODEL	ASS'Y. NO.	DATE	
1		MO-108	10-29-59	



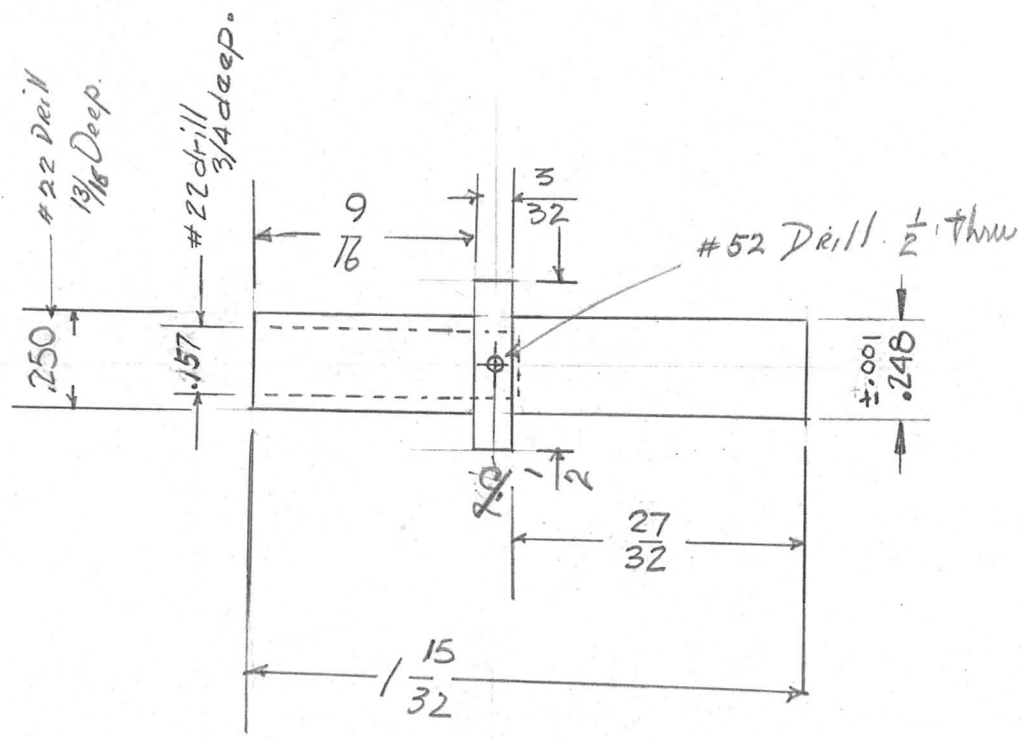
\* CARBURIZE HARDEN  
 \* ROCKWELL 42-46 TEST AT X

REF Barber-Colman XYAZ-408-1  
 REF TMC- MO-108

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL		
		9/32	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK, NEW YORK				
		STAINLESS ST1L	TAKE-OFF SHAFT				
		MATERIAL					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							
TYPE & TEMPER		HEATTREAT. SPEC.		DRAWN		CHECKED	
FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		FINAL APPROVAL	
				a/c		  PM-583	

REQ. PER. UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	GPT-10K		

PM-584 A



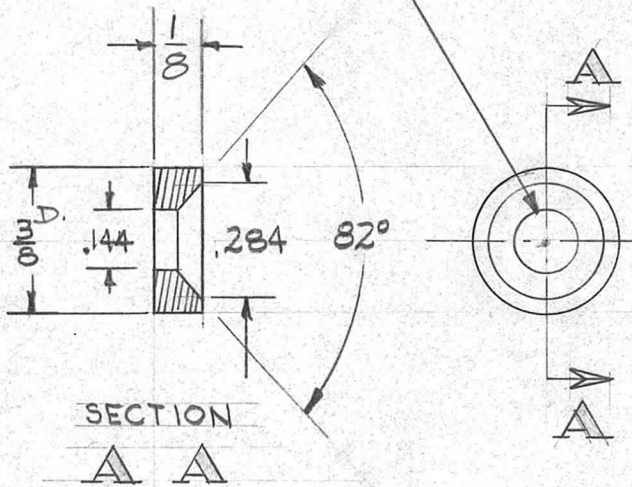
Use PN79-062-6 PIN to Assemble New Shaft.

REF: S-469

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL		
A	2	.248 ± .001 Added	11/19/59	1583	DM	file				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK Adapter, Counter shaft			
	1	15/32 was 11/32, 27/32 was 3/4, .250 was .248, 11/16 was 13/16											
TOLERANCES			SCALE: was Eng. 1-1920										
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER Nickel Plate		HEATTREAT. SPEC.	DRAWN JAD	CHECKED MHS	FINAL APPROVAL
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	PM-584	A

REQ. PER. UNIT	USED ON			PM-585
	MODEL	ASS'Y. NO.	DATE	
1	SBE-2 A-1516	A-1517	11-25-59	
1	SBE-3 AB-100	A-1517	12-3-59	

DRILL & C'SINK FOR 6-32 F.H.S.



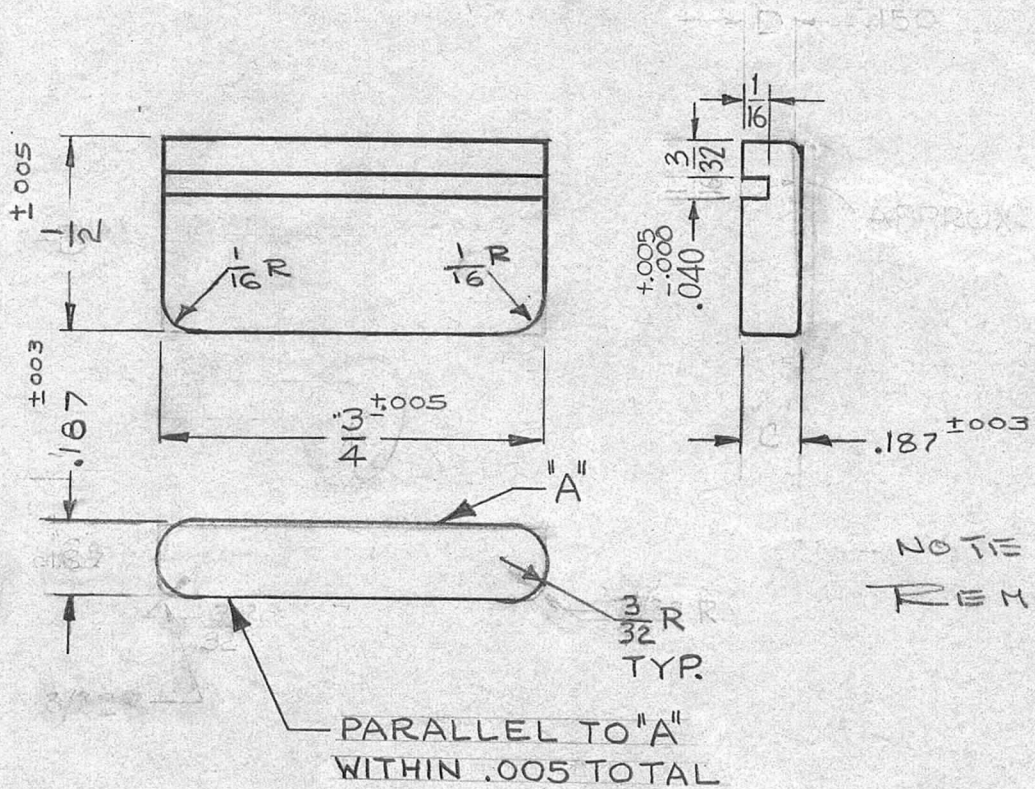
ALTERNATE MFG. METHOD  
TMC PART # TE-117-26 MAY  
BE MODIFIED AS SHOWN.

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL
		3/8 O.D.	THE TECHNICAL MATERIEL CORP.				
		STOCK SIZE	MAMARONECK, NEW YORK				
		BRASS	STOP SPACER, GEAR				
		MATERIAL					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: DOUBLE				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ±							
ANGULAR DIM. ±							
TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL		
NICKEL PLATE					PM-585		
FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP				

TMC PART NUMBER	A	B	C	D	E	MODEL	
PM-586-1	1-1/2	3/8	3/8	3/8	3/8	AX-209	
PM-586-2	3/4	3/8	3/8	3/8	3/8	AX-209	
PM-586-3	1/2	1/2	3/8	3/8	3/8	AX-209	
PM-586-4	3/4	1/2	1/2	1/2	1/2	AT-101	

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
5	AX-209	A-1819-2	1-23-60
5	AT-101	A-1819-1	4-25-60

PM-586 G



NOTE  
REMOVE ALL SHARP EDGES

G	1	PARALLEL TOLER. ADD.	5.26.64	11428	WB	@	DB
F	1	.040 ±.003 WAS 1/16"	4-27-61	4809	DDM	JCB	DB
E	1	3/32 R WAS 1/16 R TOLERANCES ADDED	9-8-60	2915	RU	LB	DB
D	2	1/16 R. WAS "E"	8-3-60	2696	WJ	JCB	DB
C	1	.150 DIM. DELETED REDIMENTIONING + MODIFICATION	4/25/60	2168	WJ	JCB	DB
B	1	ON PM-586-1-2-3 & 4 "D" WAS .133	3-21-60	-	WJ	JCB	DB
A	1	PM-586-4 ADDED	3-14-60	-	WJ	JCB	DB
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: $\frac{1}{2}$				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ± 1/64							
ANGULAR DIM. ±							

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
			SHOE, CONTACT		
MATERIAL			BRASS		
FINISH & SPEC. NO.			1/2 HARD		
TYPE & TEMPER			DRAWN		
HEAT TREAT. SPEC.			CHECKED		
ELEC. DES. APP.			MECH. DES. APP.		
			FINAL APPROVAL		
			PM-586 G		

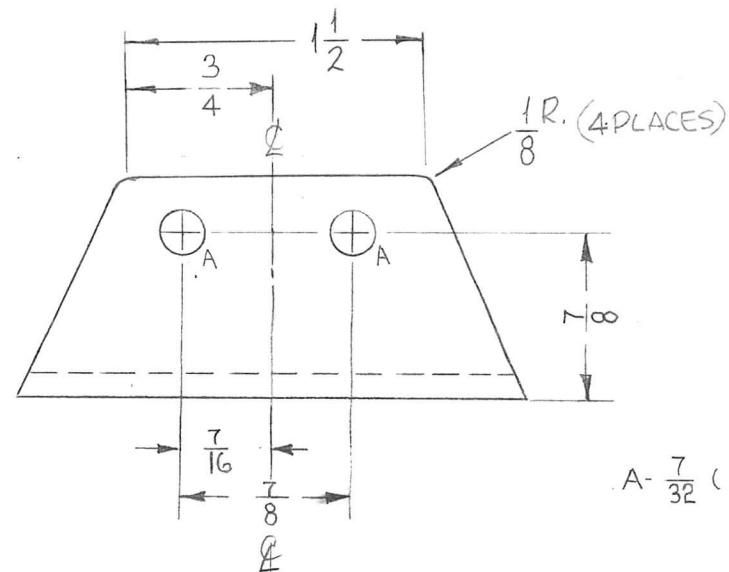
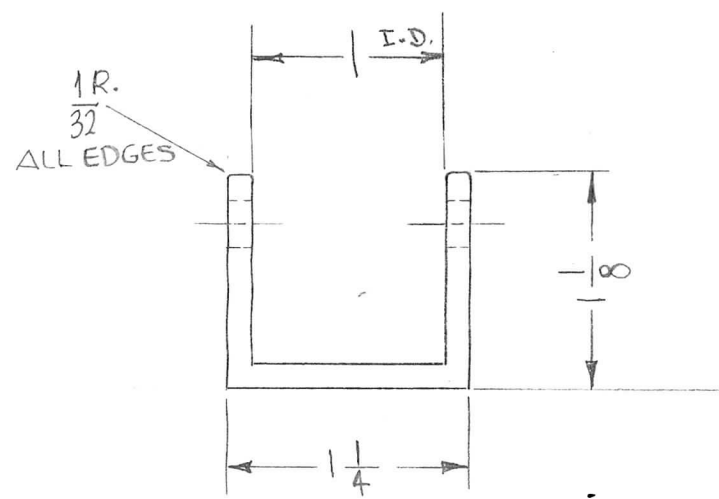




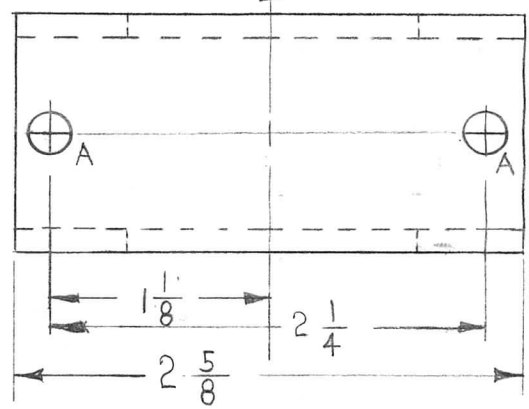
REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
3	GPT-40K	AS-125	1-23-60
3	GPT-200K	AS-124	5-12-64

PM-590

D



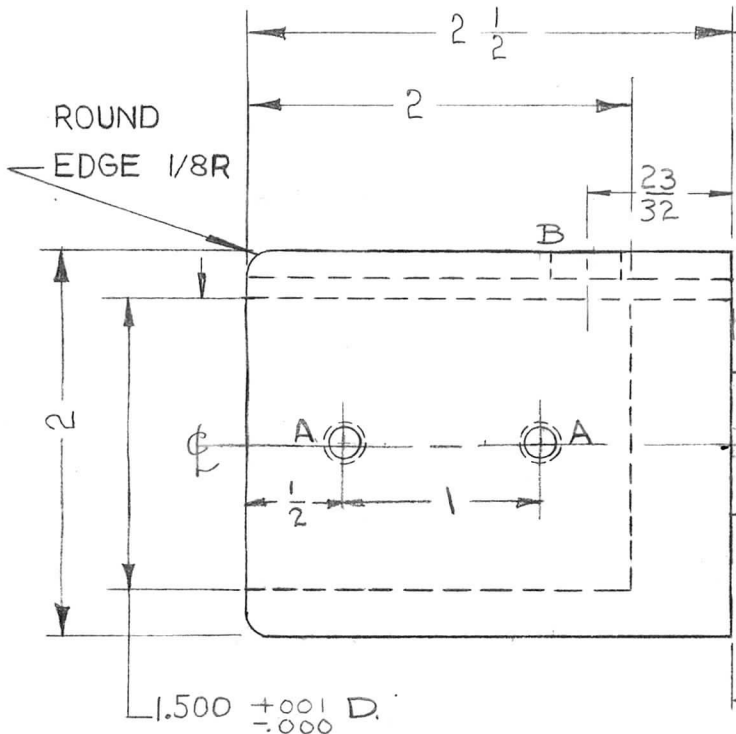
A-  $\frac{7}{32}$  (.218) DIA. 6 REQ.



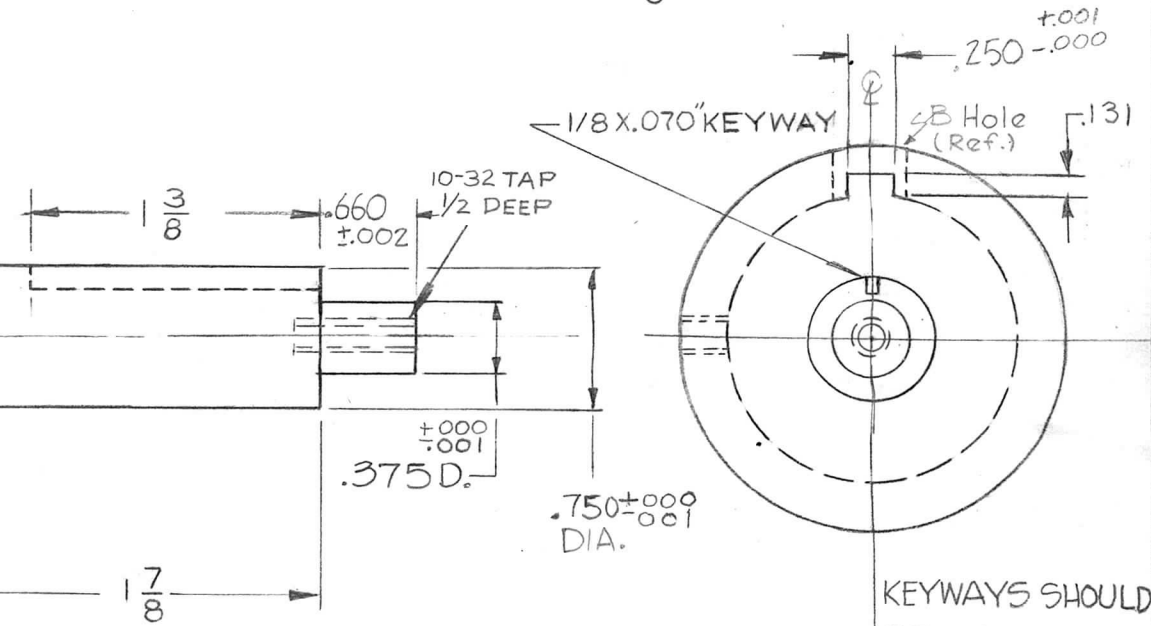
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	1	CLERICAL CHANGE	9.1.64	+	WJB	J.P.	
C	~	1-1/8 WAS 1 1/4, 1/32 F 1/8 R ADDED AX 125 WAS AX 209, AS-124 ADDED	7-29-64	11971	SRG	JCB	
B	2	2 1/4 D WAS 2 1/8	3-21-60	~	MF	WJB	16
A	1	1/8 D. WAS 1/16	2/10/60	-		WJB	2B
		Pictorial Corrected					

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1/4 x 1 1/4 x 1/4 x 1/8 CHANNEL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	D
STOCK SIZE			
EXTRUDED ALUMINUM		BRACKET, BOTTOM, SUPPORT	
MATERIAL		ROD (PA BANDSW.)	
G063-T5		W.F.	J.P.
TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED
S404 YEL IRIDITE		WJB	WJB
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		PM-590	D

REQ. PER UNIT	USED ON			PM-591	G
	MODEL	ASS'Y. NO.	DATE		
1	AX-209	GPT-40K	1-23-60		



A ~ 10-32 DRILL & TAP 2 REQ.  
 B ~ 3/8 DIA. HOLE 1 REQ.



G	2	KEYWAY NOTE ADDED	11-16-60	3517	DM	JCS	DB
F	1	SHAFT REDIMENSIONED	11-3-60	3370		JCS	DB
E	3	TOLERANCE ADDED	7-27-60	2654	CM	JCS	DB
	2	(1) B HOLE ADDED					
	1	KEYWAY WAS 1/8 X 1/16					
D	1	ADDED KEYWAY DELETED 1/4 KEY	6-28-60	2586			DB
C	1	ADDED TOLERANCES	3-21-60	~		JCS	DB
B	4	ADD KEY 1/4 X 1/2	3/17/60	+	CM		DB
	3	ADD KEYWAY 1/8 X 1/16					DB
	2	ADD 10-32 DR. & TAP 2					DB
A	1	1 7/8 WAS 2 2 1/4 WAS 2 1/2	2/19/60	+		JCS	DB
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: FULL				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. ±							
ANGULAR DIM. ±							

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP.		
			MAMARONECK, NEW YORK		
		STAINLESS STEEL	SHAFT, BEARING		
			RF BAND SWITCH		
		303	M.F.	J	DB
		PASSIVATE			
		FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	
					PM-591
					G