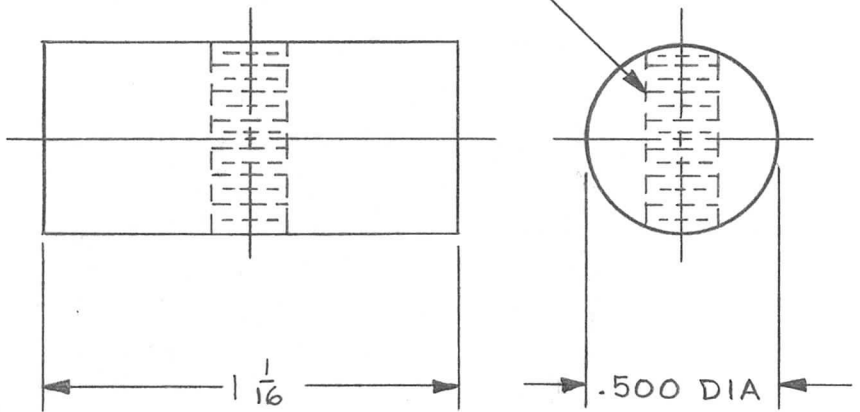


REQ. PER UNIT	USED ON			PM-100 B
	MODEL	ASS'Y. NO.	DATE	

DRILL AND TAP  
1/4x20 CLASS 2 THD



THIS DOCUMENT HAS BEEN PURCHASED BY THE GOVERNMENT AND MAY BE REPRODUCED AND USED IN CONNECTION WITH ANY GOVERNMENT PROCUREMENT OR MAINTENANCE OPERATION.

								REQ. ITEM	PART NO.	DESCRIPTION	82679	SYMBOL								
B	1	RAC-7A WAS RAC-7	3-16-56	2	CDD	JD	AJJ	1/2 ROD	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK											
		REDRAWN-NO CHANGE	3-24-52		CDD	PJM	PJM	STOCK SIZE												
A	1	COLD ROLLED STEEL	9-25-52	1	JAD	CDD	PJM	STAINLESS STEEL	NUT, PLAIN, BARREL											
								MATERIAL			15494-PP-63-A1-51									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES								SCALE		303	CDD <sup>3/24/53</sup>	JAD <sup>3/25/53</sup>	PJC							
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005								FRACTIONS ± 1/64 ANGLES ± 0° 30'		TOLERANCES	TYPE & TEMPER S-104 PASSIVATE		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
								CODE		FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.		PM-100 B				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-100

B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

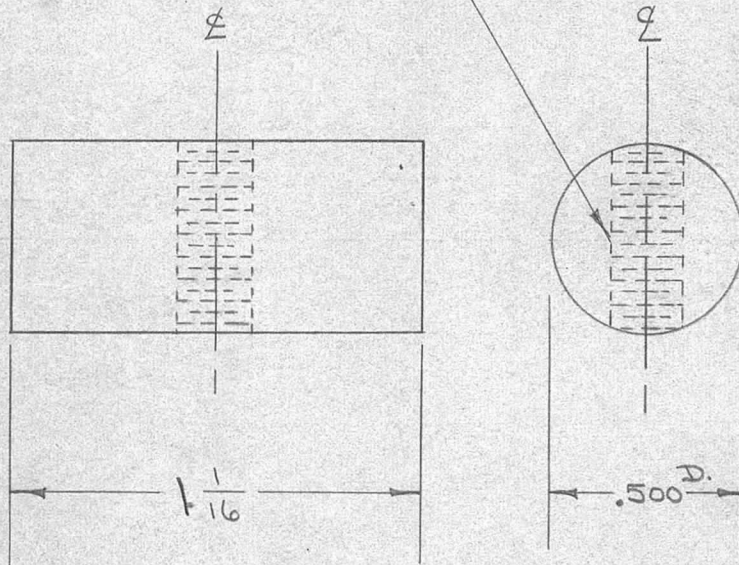
MODEL

PROJECT NO.

ASS'Y. NO.

DATE

DRILL & TAP  
 $\frac{1}{4}$  X 20 CLASS 2 THREAD



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		$\frac{1}{2}$ ROD	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		STAINLESS STEEL	NUT, PLAIN, BARREL	
		MATERIAL		
		303		
		WEIGHT PER PC.		
		TYPE & TEMPER	C.D.D. 3-24-53	
			DRAWN	ELEC. DES. APP.
			HEAT TREAT. SPEC.	MECH. DES. APP.
		S-104 PASSIVATE.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	RAC-7A WAS RAC-7	3/16/53	2	CAD	JAD	AJJ
		REDRAWN - NO CHANGE	3/24/53		C.D.D.	JAD	PJF
A	1	COLD ROLLED STEEL	3/25/53	1	JAD	C.D.D.	PJF

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. $\pm$ .005 FRAC. DIM. $\pm$ $\frac{1}{64}$ ANGULAR DIM. $\pm$	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

PM-100

B

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-103 B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ  
PER  
UNIT

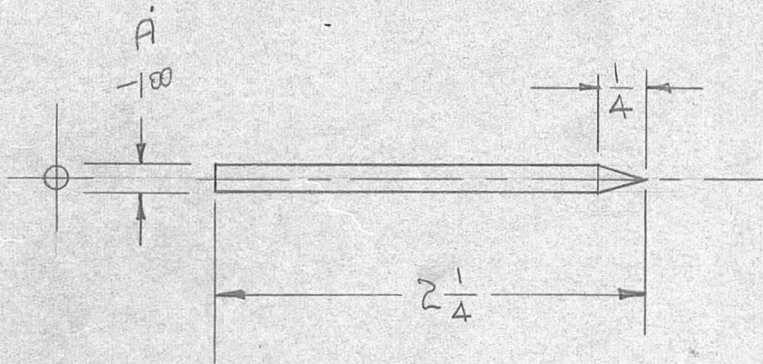
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



B	1	RAC-7A WAS RAC-7	2/16/53	2	ead	hade	AJJ
—	—	REDRAWN- NO CHANGE	3/24/53	—	C.D.D.	ppb	ppb
A	1	WAS NICKEL PLATE	9/25/52	1	hade	C.D.D.	ppb
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE	—
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 D.	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
		BRASS	SPARK ROD	
		MATERIAL	WEIGHT PER PC.	
		—	—	
		TYPE & TEMPER	C.D.D.-3-24-53	
		—	QPB	WDE
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP.
		S-105	QPB	PPB
		CADMIUM PLATE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.	JAR 3/25/53	
				PM-103 B

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

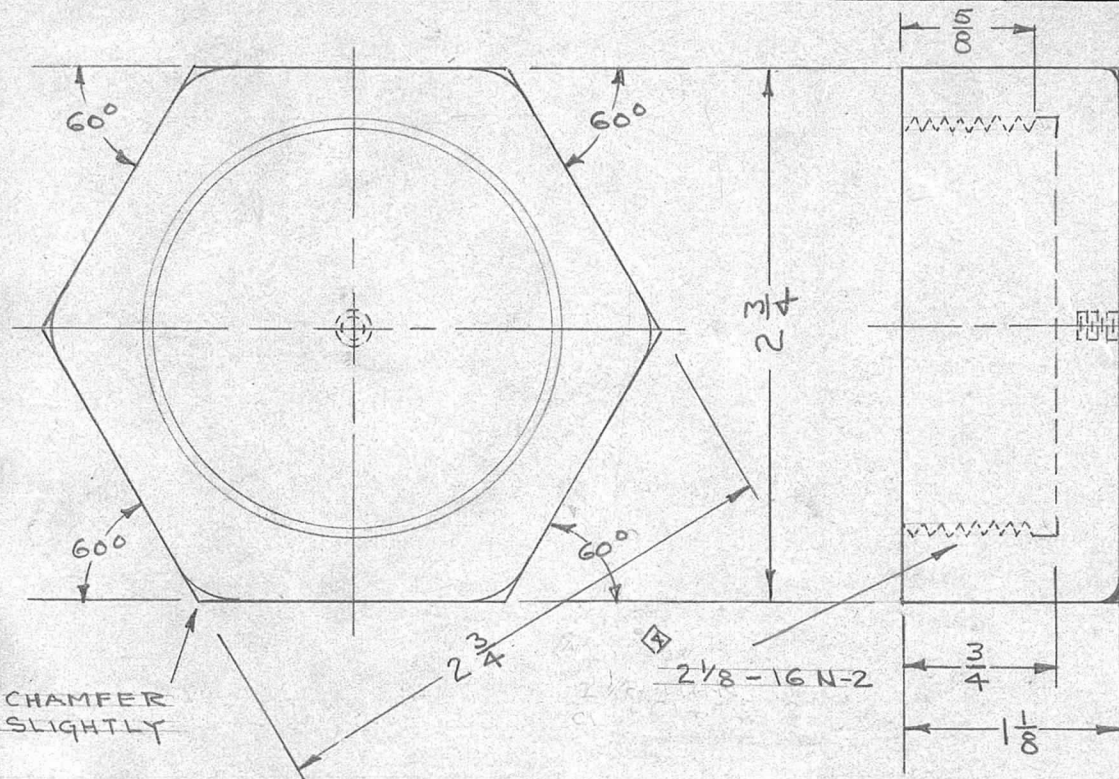
PM-108 C

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

RELEASED

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
BAC-2-S-20	108	A-107	7-15-52
BAC-2	157	A-188	10-17-52
BAC-2-S-1.5	230	A-526	9-16-53



8-32 BLIND TAP  
1/4 DEEP

MAJOR DIA. MIN.	PITCH DIA.			MINOR DIA.	
	MIN.	TOL.	MAX.	MIN.	MAX.
2.1250	2.0844	0.0061	2.0905	2.0573	2.0653

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
C		S404 WAS 5-101	6-21-65	14295	DVV	QCB	MIR
B	1	UNDERCUT ADDED	4/30/56	2	JAR	QCB	MIR
A	4	Thread info added	"	1	JAR	QCB	MIR
A	3	195 Alloy	"	1	JAR	QCB	MIR
A	2	Casting	"	1	JAR	QCB	MIR
A	1	Remove Ref.	10/7/52	1	JAR	QCB	MIR

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		2 3/4	HEX. OR 3 1/4 ROUND	
			STOCK SIZE	
			ALUMINUM	
			MATERIAL	WEIGHT PER PC.
		17S-T4		
			TYPE & TEMPER	
			DRAWN	ELEC. DES. APP.
			CHECKED	FINAL APPROVAL
		S404		
			FINISH & SPEC. NO.	

TOLERANCES	SCALE FULL
DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

PM-108 C

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

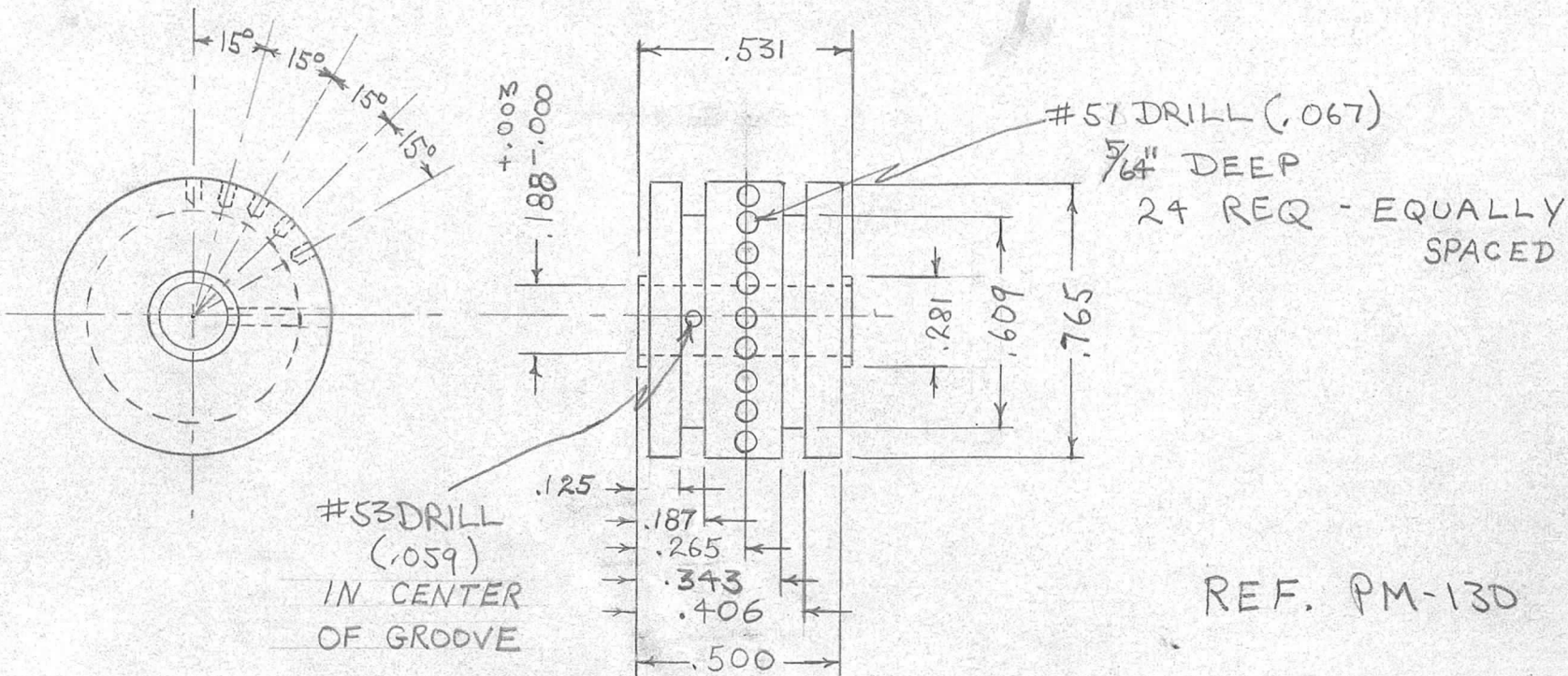
RELEASED

PM-113 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
XTR	116		9-11-52



REF. PM-130

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		BRASS	TAPE FEED ROLLER	
			WDC 9-11-52	
			DRAWN	
			ELEC. DES. APP.	
			MECH. DES. APP.	
			CHECKED	
			FINAL APPROVAL	
		S-105 CAD. PLATE	PM-113 A	

A	1	REDRAWN	9-11-52	1	WDC			
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. $\pm$ .005 FRAC. DIM. $\pm$ $\frac{1}{10}$ ANGULAR DIM. $\pm$ 10	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

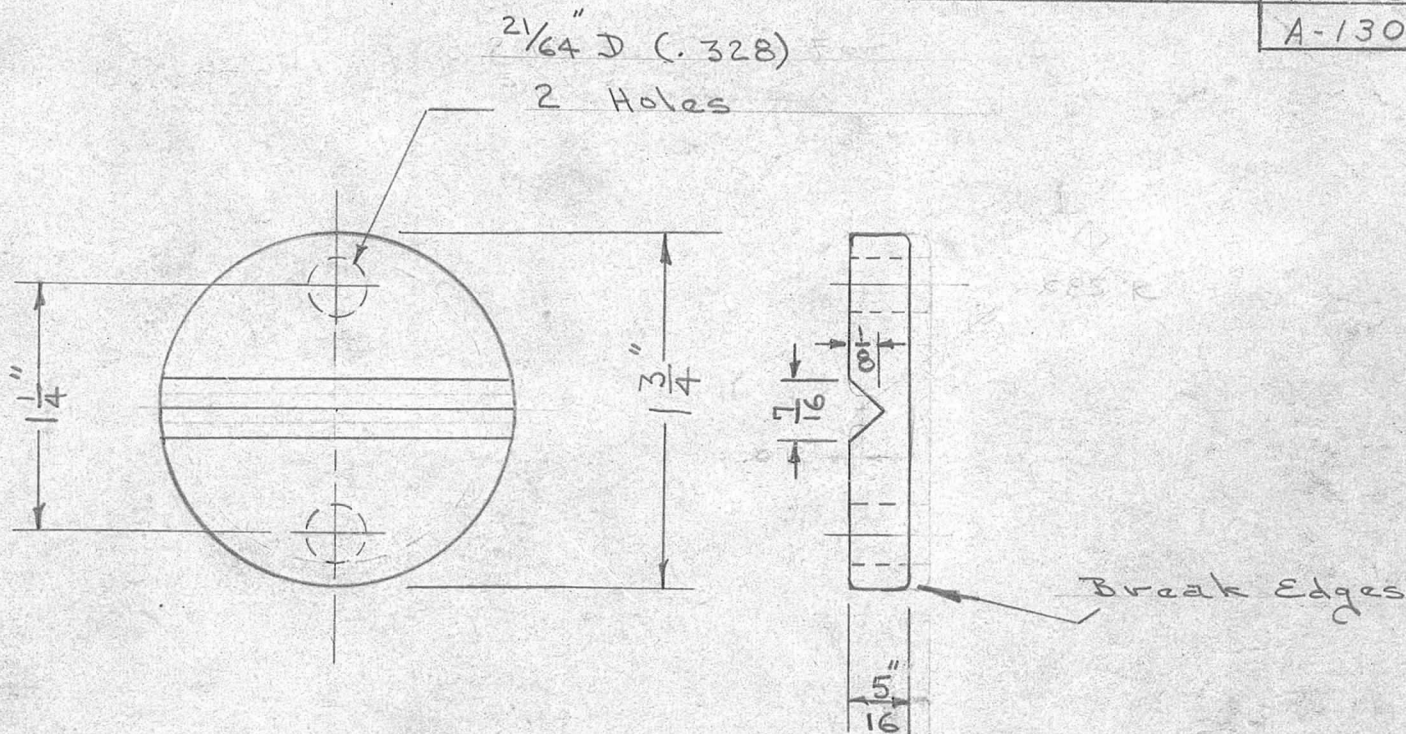
RELEASED

PM-115 D

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	#141	A-126	8-22-52
		A-130	



ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
D	4	was PM-115	7/1/53	4	JAD		
C	3	S-105	12-10-52	3	JAD	#	
B	2	GENERAL REVISION	12-10-52	2	JAD	IG	
A	1	WAS .085" R.	10/8/52	1	L.G.	RFB	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		.312	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
		BRASS	INSULATOR CAP	
		MATERIAL	WEIGHT PER PC.	
		TYPE & TEMPER	JAD 8-22-52	
			DRAWN	ELEC. DES. APP.
			RFB 8/29/52	MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		S-135		
		FINISH & SPEC. NO.		

TOLERANCES	SCALE	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
ALL OTHERS DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±		

PM-115 D

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

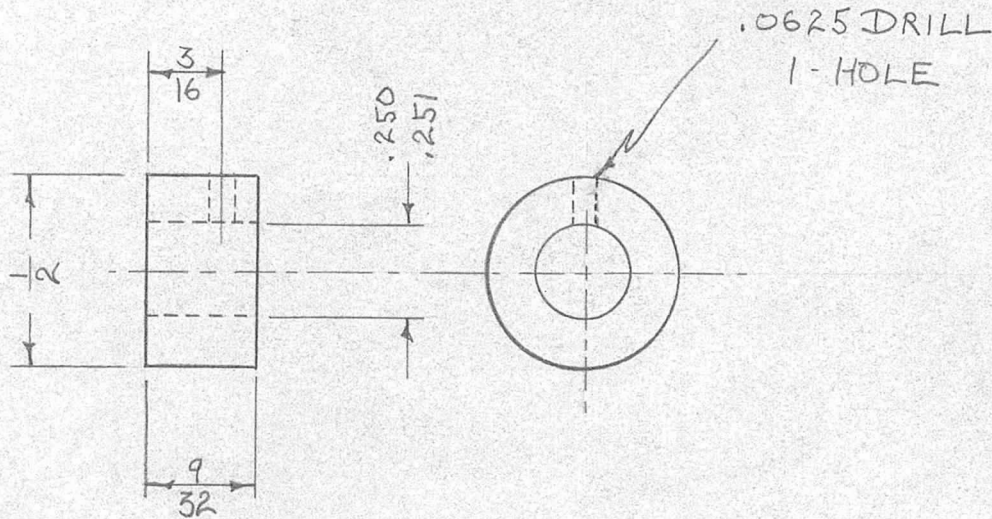
PM-116

A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
VOX	101	A-421	9-10-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2"	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	BUSHING	
		MATERIAL		
		—	WEIGHT PER PC.	
		—		
		TYPE & TEMPER	WDC 9/10/52	
		—	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	JAD 9-10-52	
		S-105	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.	SUPERSEDES AMS 276	PM-116 A

A	1	WAS DWG. PM-115	9/19/52	WDC.		
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
TOLERANCES			SCALE TWICE			
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± Y64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			

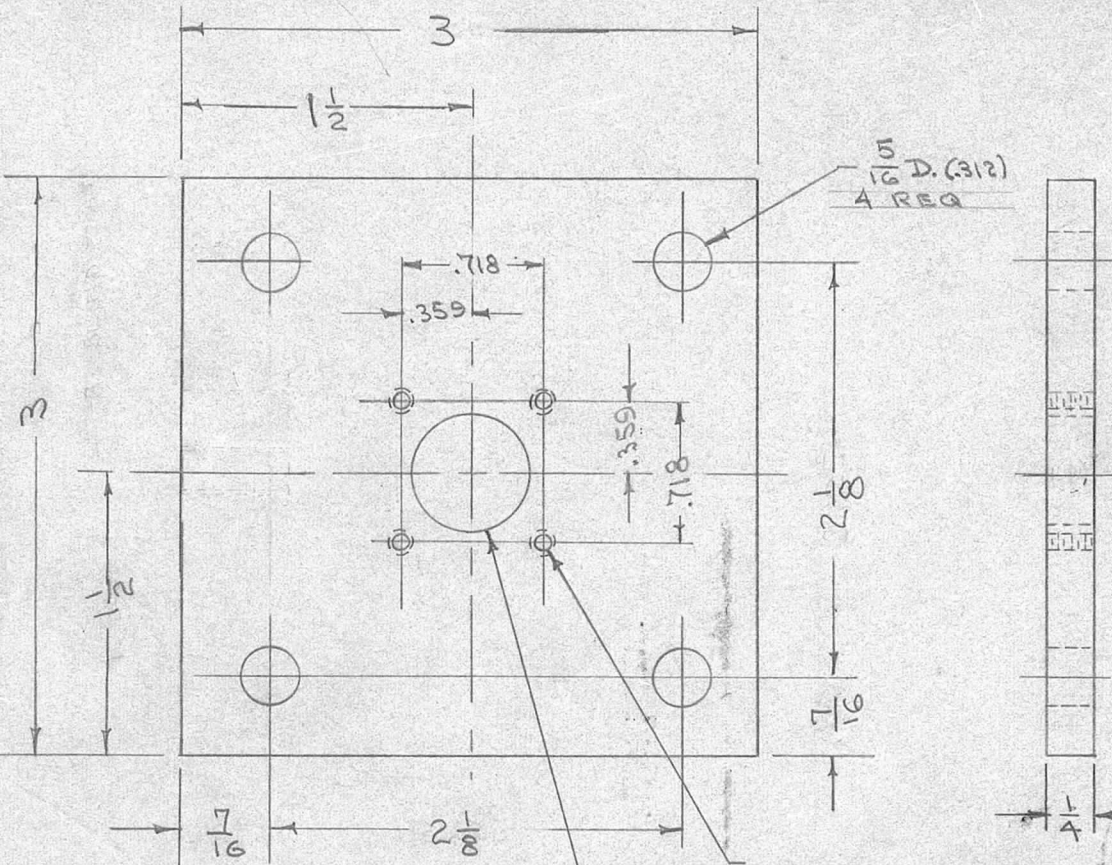
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-119 B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
RAC-1	154	A-145	10-10-53
BAC-1	157	A-185	10-15-53
W-18-8	275	A-323	5-15-54
RAC-2		A-374	10-26-53
BAC-2A		A-1137	2-1-54
W-18-8 A		A-413	10-29-53
RAC-3		A-422	10-29-53
BAC-3		A-422	10-29-53
RAC-2A		A-422	10-29-53



NOTE.  
REMOVE ALL BURRS

B	2	USED ON CHART RAC-1, BAC-1, BAC-1S-1.5 RAC-2, 1B, 7A, 3, 8, 24 DELETED FINISH & SPEC WAS STOICHAUSTIC DIP	8-17-62	1076	G.S.	JAD	16
A	2	REDRAWN	5/5/54	1	C.D.D.	JAD	16
	1	C-BORE REMOVED					
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		YA SHEET	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	FLANGE	
		MATERIAL	WEIGHT PER PC.	
		24S-T3		
		TYPE & TEMPER	16 9/10-53	ARB
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			JAD	ARB
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		5-404 YELLOW IRIDITE		PM-119 B
		FINISH & SPEC. NO.		

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	#
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.		



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

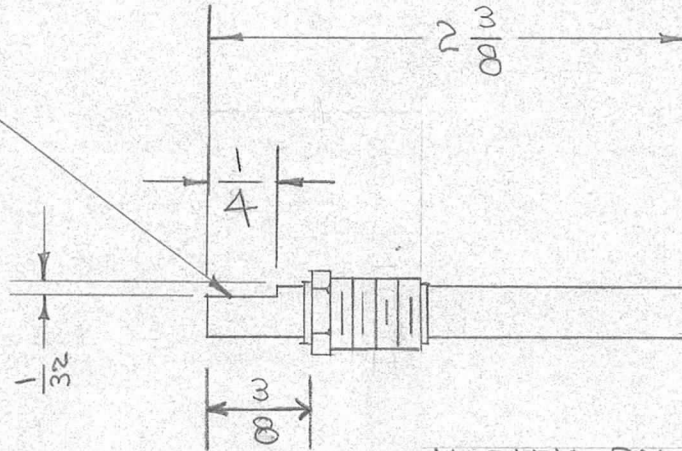
PM-120 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DMK-4	140	A-153	9-20-53

FLAT  $\frac{1}{32}$  DEEP X  $\frac{3}{8}$



MODIFY PM-234-1 AS SHOWN

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	PANEL BEARING & SHAFT	
		MATERIAL	(SWITCH)	
		WEIGHT PER PC.	C.D.D. 9-15-52	
		TYPE & TEMPER	DRAWN	ELEC. DES. APP.
			71.7.C.	MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-120 A

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	3	3/8 WAS 1/2	8/24/53	1	C.D.D.		<i>[Signature]</i>
	2	1/4 " 3/8					
	1	2 3/8 " 2 1/2					

TOLERANCES	SCALE	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
ALL OTHERS DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	1:1	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

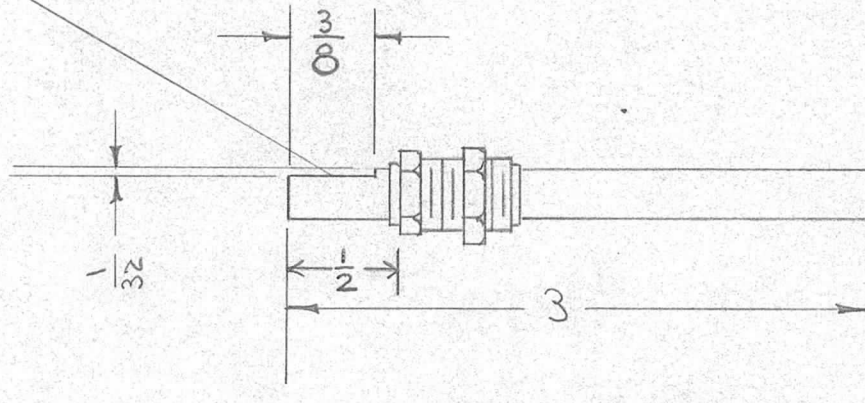
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

PM-121 A

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DMK-4	140	A-167	9-24-52

FLAT  $\frac{1}{32}$  DEEP



MODIFY PM-234-1 AS SHOWN

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK	
		STOCK SIZE	SHAFT,	
		MATERIAL	SWITCH LINKAGE	
		WEIGHT PER PC.		
		TYPE & TEMPER	C.D.D. 9-24-52	
		HEAT TREAT. SPEC.	DRAWN <i>H.F.C.</i>	
		FINISH & SPEC. NO.	CHECKED <i>[Signature]</i>	
			FINAL APPROVAL	
			PM-121 A	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	WAS "FLAT $\frac{1}{32}$ DEEP X $\frac{7}{16}$ "	"11/53	1	16	JAW	[Signature]

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. $\pm$ FRAC. DIM. $\pm$ ANGULAR DIM. $\pm$	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

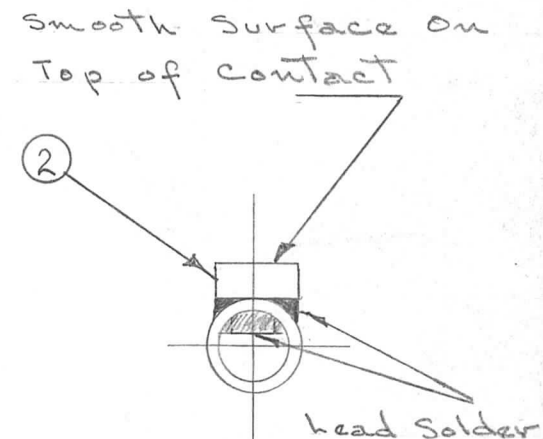
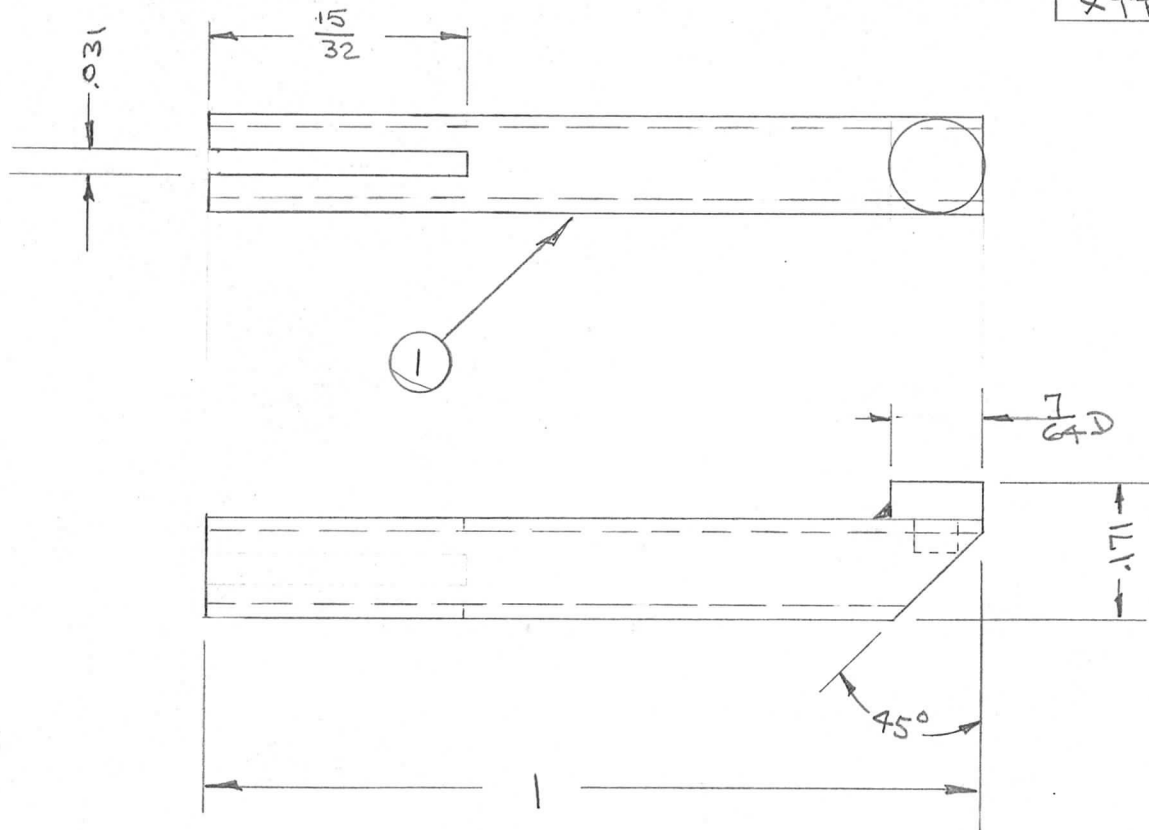
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-124 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
XTR	116		9-22-52



ITEM ① 1/8 O.D. x .097 I.D. Brass Tubing, Hard Drawn  
 ITEM ② 7/64 Brass

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		SEE NOTE	THE TECHNICAL MATERIAL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		SEE NOTE	ARM CONTACT	
		MATERIAL	WEIGHT PER PC.	
		SEE NOTE		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		5-135 .0005		
		Brass Nickel Plate		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	VIEW ADDED	6/26/53	1	HAD	WOC	PPB
TOLERANCES		SCALE 4 X					
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ± 10°						

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
HAD		
WOC		
CHECKED	FINAL APPROVAL	
	PM-124 A	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

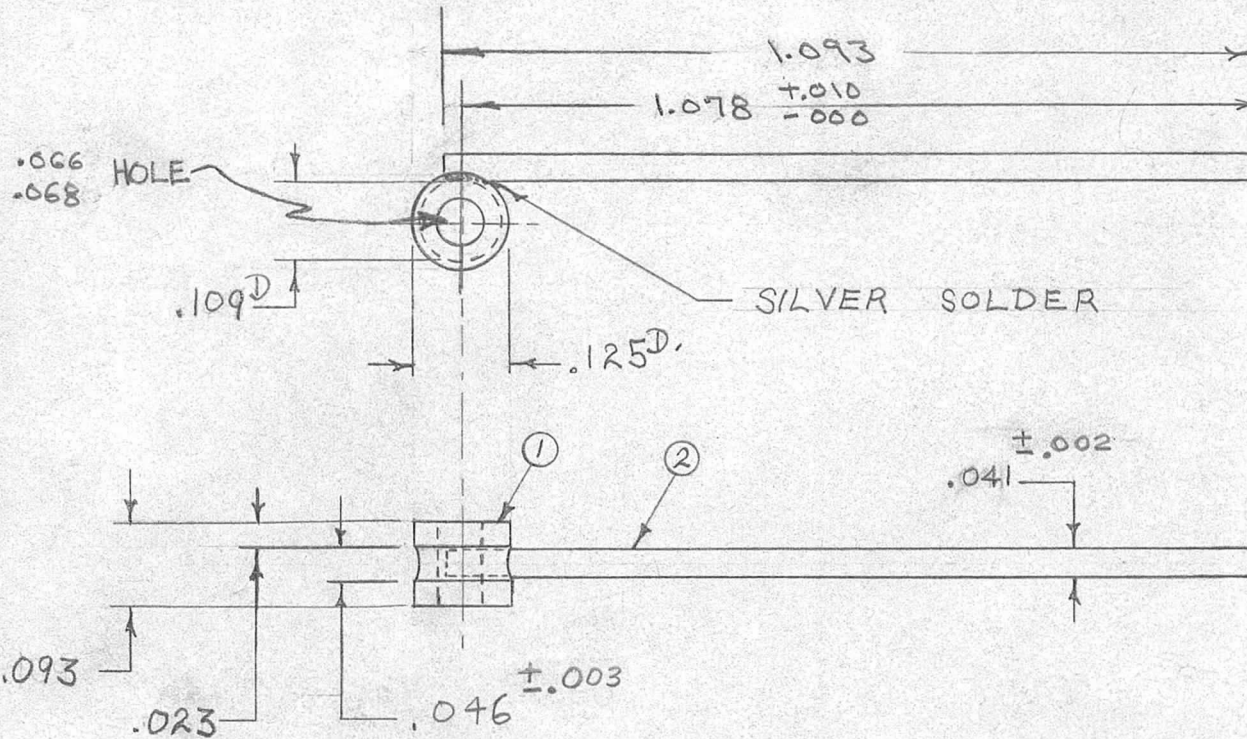
PM-125

A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
XTR	116	#	9-11-52



MATERIAL: ① = BRASS 1/8 D  
② = .041 DRILL ROD

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE	PECKER PIN	
		MATERIAL	WEIGHT PER PC.	
		TYPE & TEMPER	WDC 9/11/52	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		FINISH & SPEC. NO.	CHECKED	FINAL APPROVAL
				PM-125 A

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	Dimensions changed	9/26/53	1	JAD	WDC	PM

TOLERANCES	SCALE	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
ALL OTHERS DEC. DIM. ± .005 FRAC. DIM. ± ANGULAR DIM. ±	4" = 1"	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

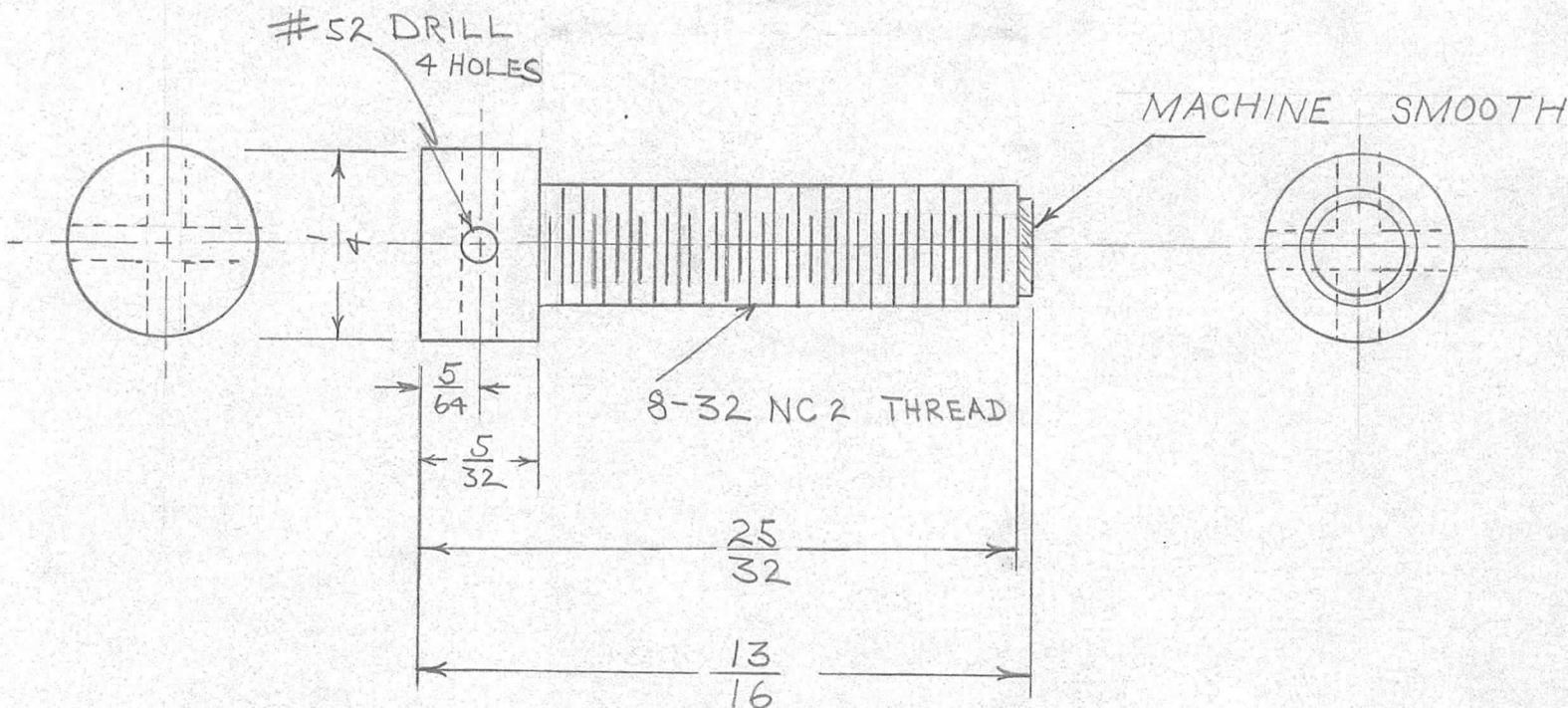
RELEASED

PM-126

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
XTR-42	116		9-22-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		— # —	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	STATIONARY CONTACT	
		MATERIAL	WEIGHT PER PC.	
		— # —		
		TYPE & TEMPER	WDC 9/22/52	OH
		— # —	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		BRIGHT NICKEL PLATE .0005 S-135		PM-126
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE 4 X				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

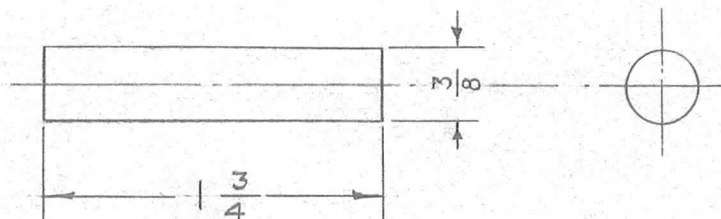
RELEASED

PM-131

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	141	A-186	10-8-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		3/8" ROUND	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	CONTACT	
		MATERIAL		
		FREE TURNING		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

RY 10-8-52		
DRAWN	ELEC. DES. APP.	MECH. DES. APP.
RFB 10-9-52		
CHECKED	FINAL APPROVAL	
	PM-131	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

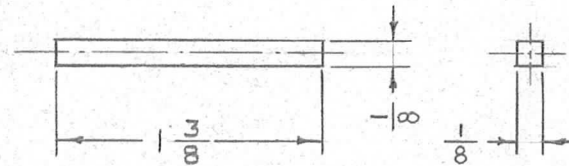
RELEASED

PM-132

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	141	A-186	10-8-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		$\frac{1}{8}$ " RECT. ROD	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	BAR	
		MATERIAL		
		FREE TURNING		
		TYPE & TEMPER	<i>RJ</i> 10-8-52	<i>PM</i>
			DRAWN	ELEC. DES. APP.
			<i>RAB</i> 10-13-52	<i>[Signature]</i>
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-132

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. $\pm$ FRAC. DIM. $\pm$ ANGULAR DIM. $\pm$		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

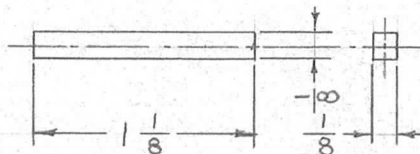
RELEASED

PM-133

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	141	A-186	10-8-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8" RECT. ROD	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	BAR	
		MATERIAL		
		FREE TURNING		
		TYPE & TEMPER	10-8-52	
			DRAWN	ELEC. DES. APP.
			10-9-52	MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-133

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

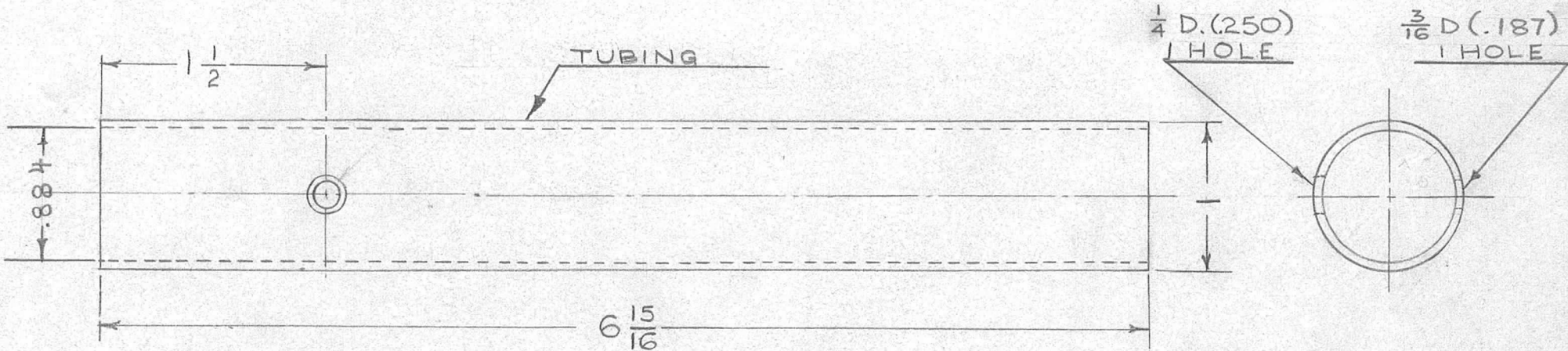
RELEASED

PM-134

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-212	9-3-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1" OD. x .884 I.D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	POST	
		MATERIAL		
		615-T6		
		TYPE & TEMPER	<i>L. Gabel</i> 16	<i>PMB</i>
			DRAWN	ELEC. DES. APP.
			<i>WDC 11/7</i>	MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-134

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
ALL OTHERS		DEC. DIM. $\pm .005$ FRAC. DIM. $\pm \frac{1}{64}$ ANGULAR DIM. $\pm$					

SCALE FULL SIZE  
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-134

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

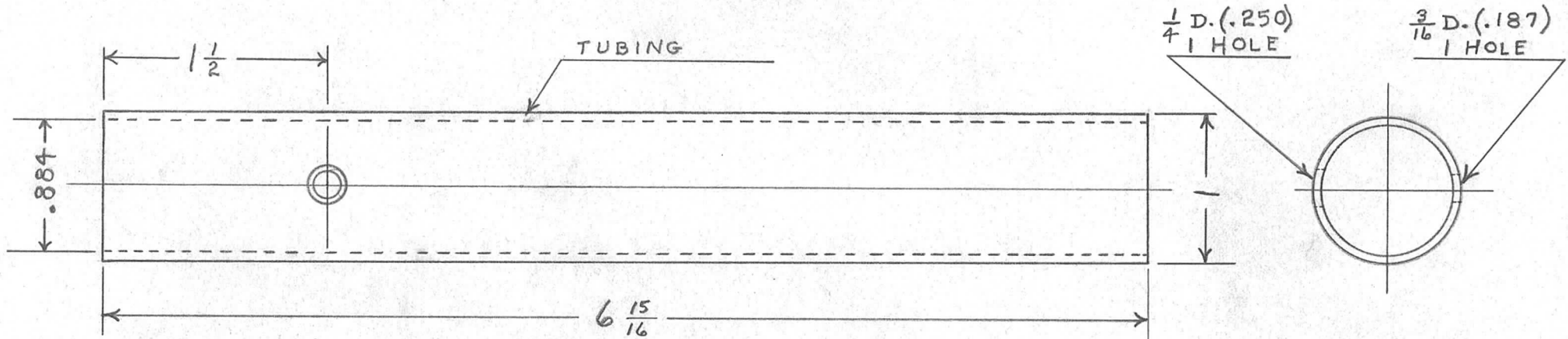
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			<b>TMC (Canada) LIMITED</b> OTTAWA ONTARIO	
			POST	
			TAPE WINDING	
			6/5/55	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
				PM-134

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-135

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

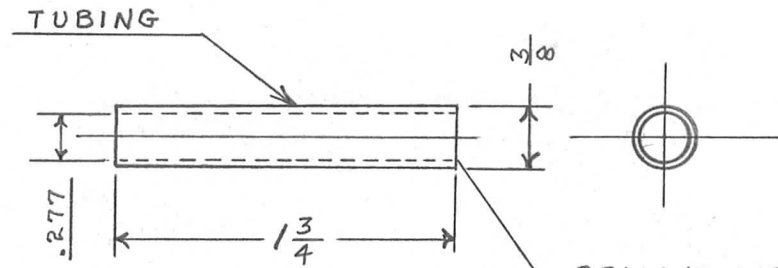
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



REMOVE INSIDE BURRS ON BOTH ENDS

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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		3/8 O.D. x .277 I.D.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM	WIRING TUBE	
		MATERIAL	TAPE WINDING	
		615-T6	BT 45/55	
		TYPE & TEMPER		
		— # —	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.		Law
		— # —	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-135

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

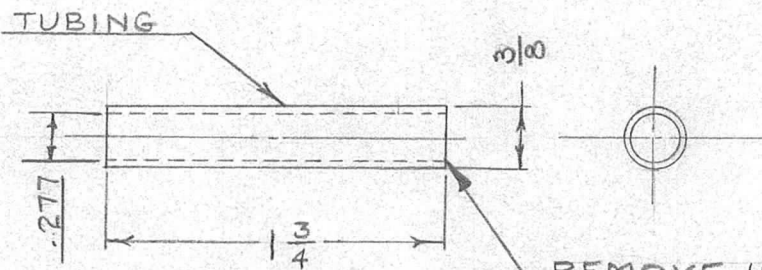
RELEASED

PM-135

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-212	9-8-52



REMOVE INSIDE BURRS ON BOTH ENDS

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	3/8	OD. X .277 I.D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	WIRING TUBE	
		MATERIAL	WEIGHT PER PC.	
		615-T6		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

<i>A. Label</i>	<i>008</i>
DRAWN	ELEC. DES. APP.
<i>WDC 11/8</i>	MECH. DES. APP.
CHECKED	FINAL APPROVAL
	PM-135

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-136

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

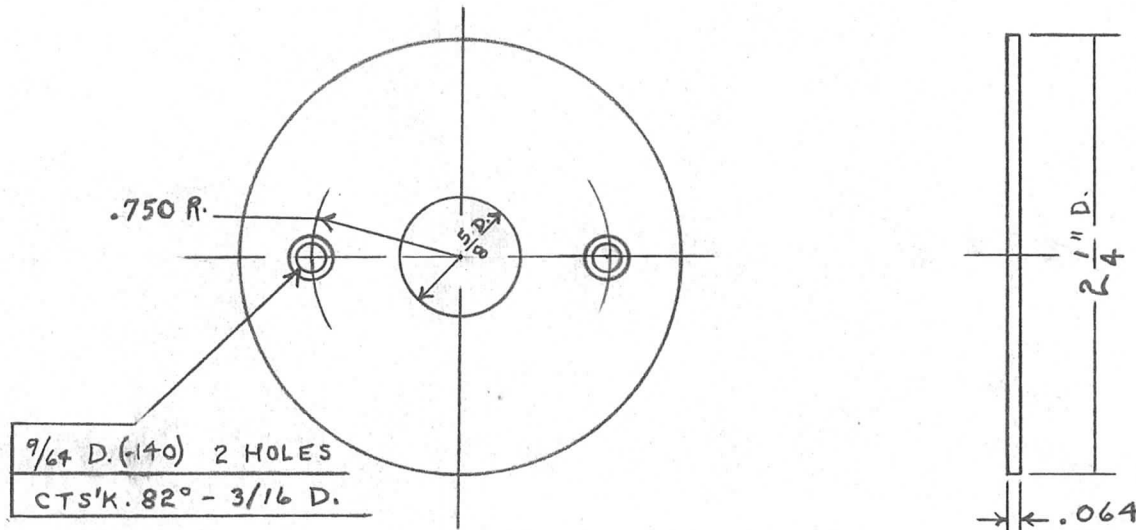
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



9/64 D. (-140) 2 HOLES  
CTS'K. 82° - 3/16 D.

NOTE:

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		.064	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
	ALUMINUM	—H—	PLATE SPACER	
	MATERIAL	WEIGHT PER PC.	TAPE WINDING	
	52S-H32		DA 5/5/55	
	TYPE & TEMPER		DRAWN	ELEC. DES. APP. MECH. DES. APP.
	—H—			
	HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
	SEE NOTE			PM-136
	FINISH & SPEC. NO.			

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

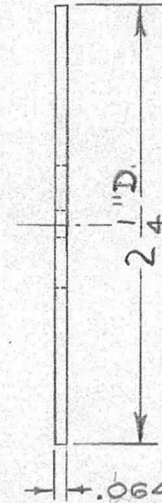
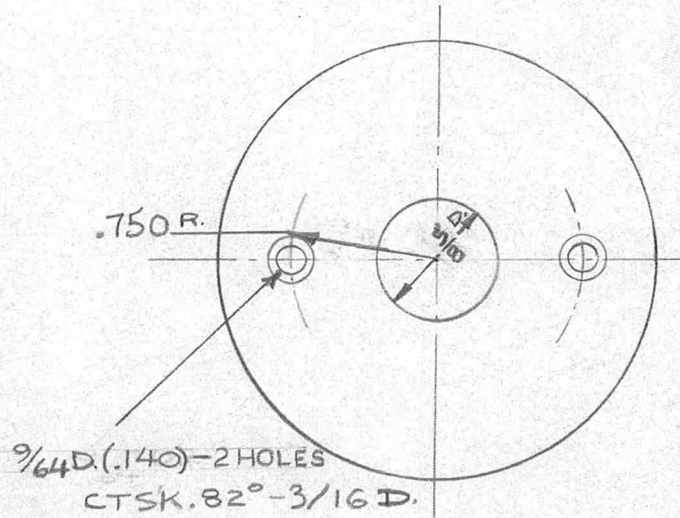
RELEASED

PM-136

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-221	9-13-52



NOTE:

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		.064	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	PLATE SPACER	
		MATERIAL		
		525-H32		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE FULL SIZE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN		ELEC. DES. APP.	MECH. DES. APP.
L. Label			PM
CHECKED		FINAL APPROVAL	
J.A.R. 11/6/52		PM-136	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

PM-137

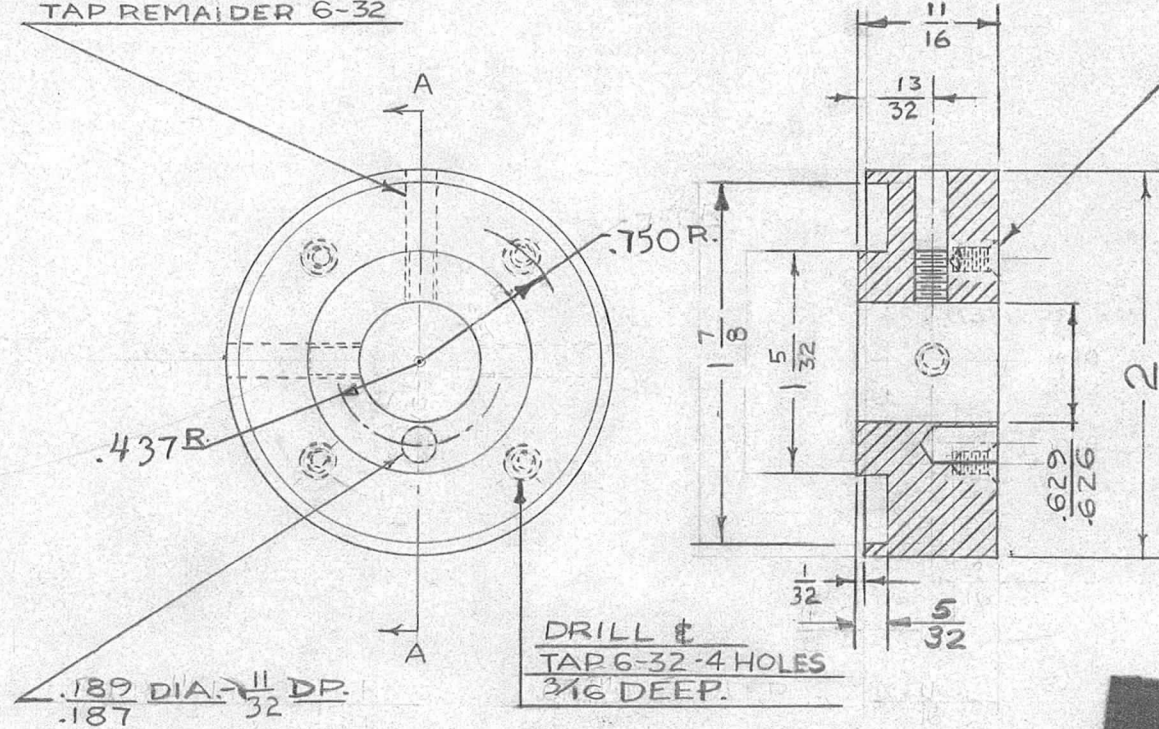
A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-213	9-19-52

#27 DR. 2 HOLES  $\frac{7}{16}$  DEEP  
TAP REMAINDER 6-32



CTS'K. 82° -  $\frac{3}{16}$  D. - 4 REQ.

DRILL &  
TAP 6-32 - 4 HOLES  
 $\frac{3}{16}$  DEEP.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		<i>ff</i>	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	TAPE PULLEY	
		MATERIAL		
		WEIGHT PER PC.		
		<i>ff</i>		
		TYPE & TEMPER	<i>L. Gabel</i>	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		<i>ff</i>		
		HEAT TREAT. SPEC.	<i>11/6/52</i>	
		CAUSTIC DIP S-101	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	$\frac{5}{32}$ WAS $\frac{1}{8}$	7-9-53	1			<i>ppp</i>

TOLERANCES	SCALE FULL SIZE
DEC. DIM. $\pm .005$ FRAC. DIM. $\pm \frac{1}{64}$ ANGULAR DIM. $\pm$	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

PM-137

A

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-137

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

USED ON

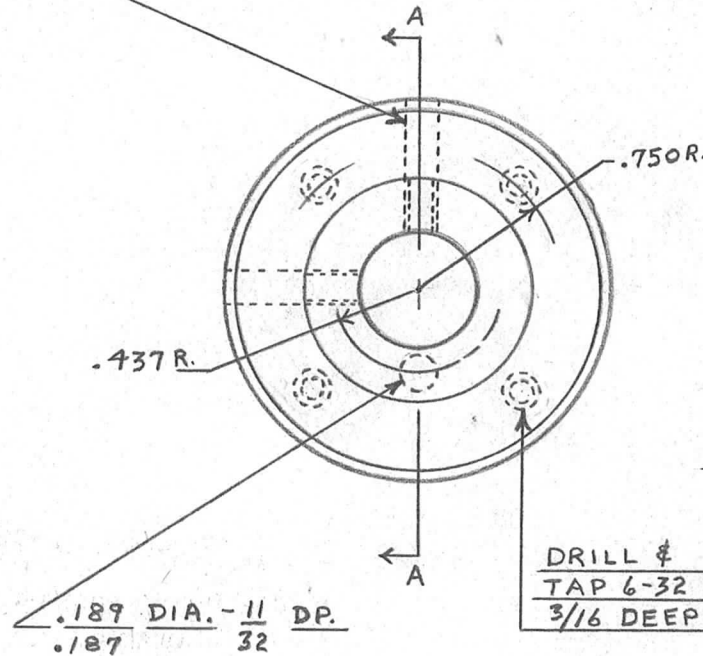
MODEL

PROJECT NO.

ASS'Y. NO.

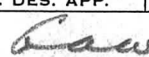
DATE

#27 DR. 2 HOLES  $\frac{7}{16}$  DEEP  
TAP REMAINDER 6-32



CTS'K. 82° -  $\frac{3}{16}$  D. - 4 REQ.

DRILL &  
TAP 6-32 4 HOLES  
 $\frac{3}{16}$  DEEP

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	#		<b>TMC (Canada) LIMITED</b>	
		STOCK SIZE	OTTAWA	ONTARIO
	ALUMINUM	#	TAPE PULLEY	
	MATERIAL	WEIGHT PER PC.	TAPE WINDING	
	#		BA 5/5/55	
		TYPE & TEMPER	DRAWN	ELEC. DES. APP.
	#			MECH. DES. APP.
		HEAT TREAT. SPEC.	 FINAL APPROVAL PM-137	
		CAUSTIC DIP		
		S-101		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. $\pm .005$	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. $\pm \frac{1}{64}$						
	ANGULAR DIM. $\pm$						



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

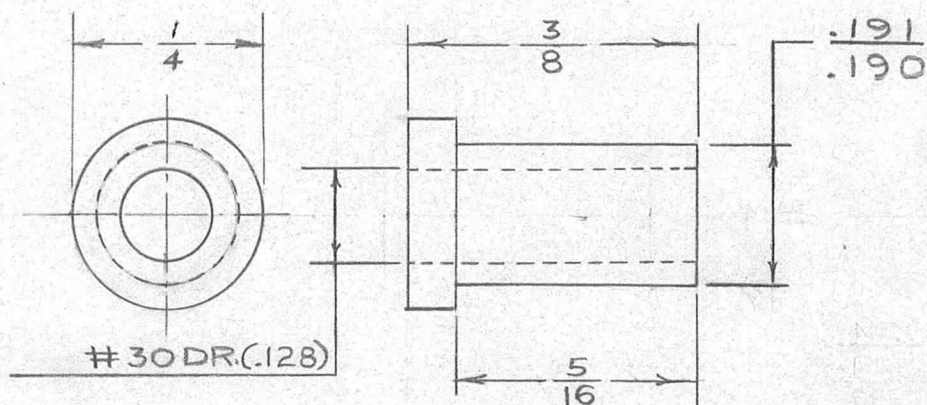
RELEASED

PM-138

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-213	9-19-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/4 DIA	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
		STAINLESS STEEL	PULLEY PIN	
		MATERIAL		
		303 OR 416		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		PASSIVATE S-104		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE 4" TO 1"				
ALL OTHERS	DEC. DIM. ± 1/64 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
<i>L. Gabel</i>		<i>ptb</i>
DATE 11/6/52		
CHECKED	FINAL APPROVAL	
	PM-138	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-138

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

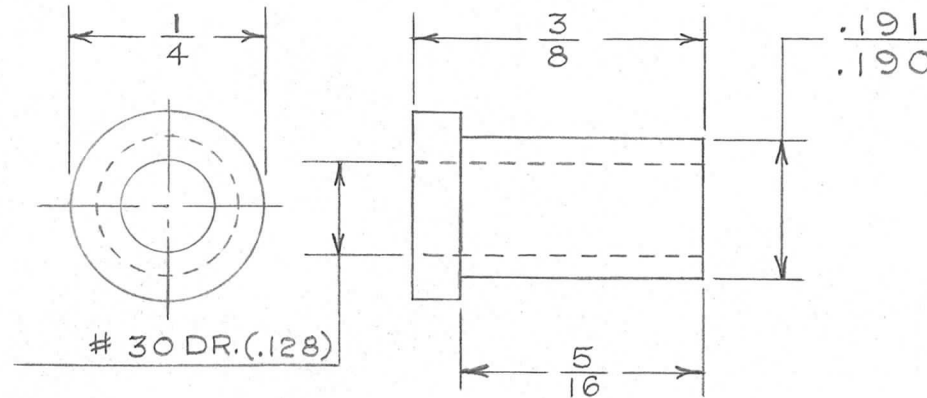
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/4 DIA.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		STAINLESS STEEL	PULLEY PIN	
		MATERIAL		
		303 OR 416	TAFE WINDING	
		WEIGHT PER PC.		
		TYPE & TEMPER	J.W.T. 11-5-55	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		PASSIVATE S-104	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-138

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE 4" TO 1"				
ALL OTHERS	DEC. DIM. ± 1/64 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-139

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

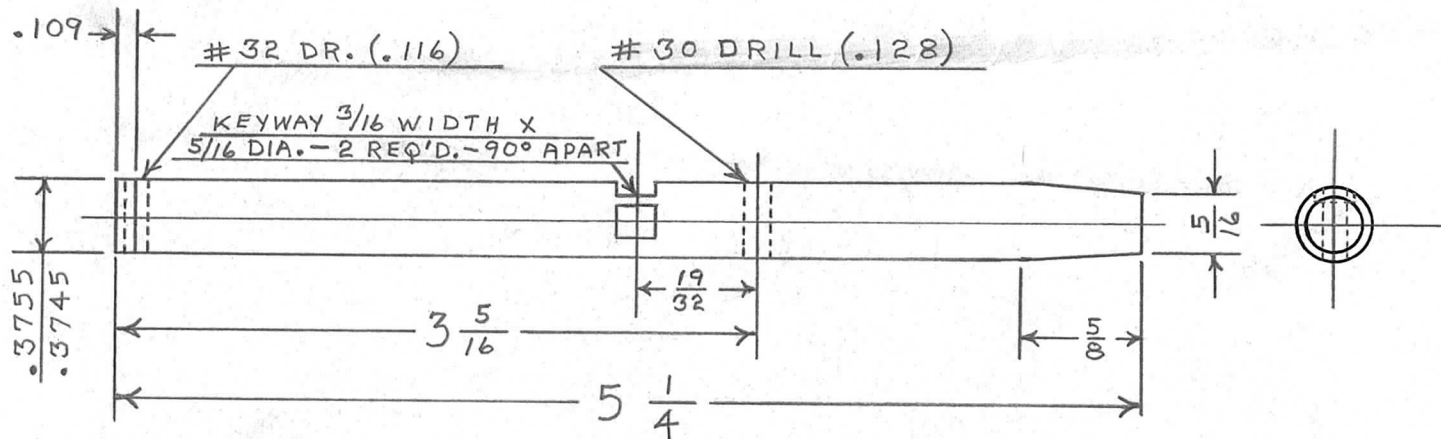
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	$\frac{.3755}{.3745}$ DIA.		TMC (Canada) LIMITED OTTAWA ONTARIO	
	STOCK SIZE			
	STAINLESS STEEL	#	GEAR SHAFT	
	MATERIAL	WEIGHT PER PC.	TAPE WINDER	
	303 OR 416		RT 11/5/55	
	TYPE & TEMPER		DRAWN	ELEC. DES. APP. MECH. DES. APP.
	#			
	HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
	PASSIVATE S-104			PM-139
	FINISH & SPEC. NO.			

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SCALE				
ALL OTHERS	DEC. DIM. $\pm .005$ FRAC. DIM. $\pm 1/64$ ANGULAR DIM. $\pm$		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

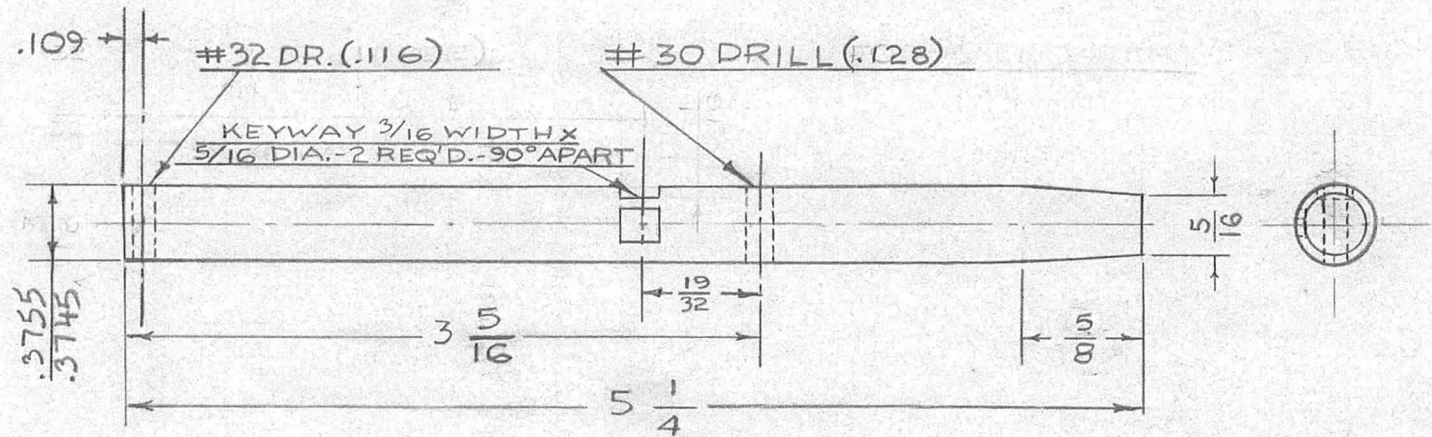
RELEASED

PM-139

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-215	9-23-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	.3755 .3745	DIA.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE			
	STAINLESS STEEL	//	GEAR SHAFT	
	MATERIAL	WEIGHT PER PC.		
	303 OR 416			
	TYPE & TEMPER			
	//			
	HEAT TREAT. SPEC.			
	PASSIVATE S-104			
	FINISH & SPEC. NO.			

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SCALE					
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						

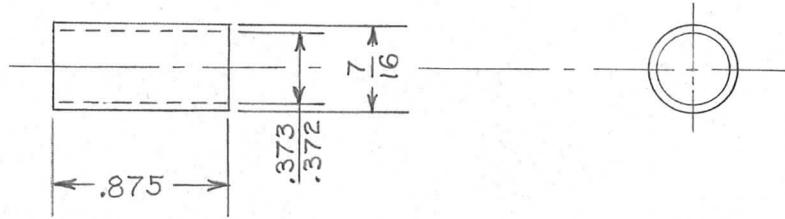
*A. Gabel*  
DRAWN  
ELEC. DES. APP.  
MECH. DES. APP.  
*JAD 11/6/52*  
CHECKED  
FINAL APPROVAL  
PM-139

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-140

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115 USED ON			
MODEL	PROJECT NO.	ASS'Y. NO.	DATE



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	7/16	O.D. x .353 I.D.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		BRASS	BEARING SPACER	
		MATERIAL	WEIGHT PER PC.	
		HARD DRAWN	TAPE WINDING	
		TYPE & TEMPER	J.W.T. 11-5-55	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.		<i>Law</i>
		FINISH & SPEC. NO.	CHECKED	FINAL APPROVAL
				PM-140

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

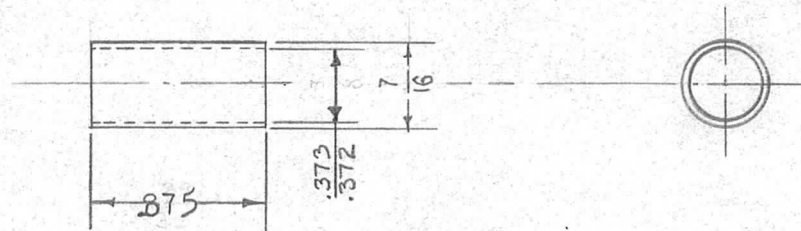
RELEASED

PM-140

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-215	10-16-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		7/16 OD. x .353 I.D.	BEARING SPACER	
		STOCK SIZE		
		BRASS		
		MATERIAL		
		WEIGHT PER PC.		
		HARD DRAWN		
		TYPE & TEMPER	16 10-15-52	
			DRAWN	
			ELEC. DES. APP.	
			MECH. DES. APP.	
			CHECKED	
			FINAL APPROVAL	
				PM-140

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

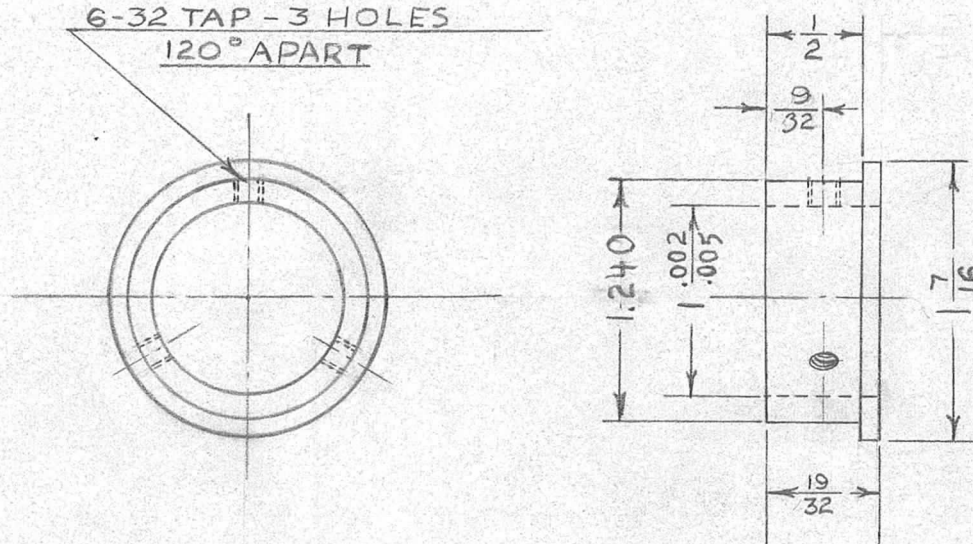
RELEASED

PM-141

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-216	9-6-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 1/2 DIA	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	SADDLE BUSHING	
		—ff—		
		FREE TURNING		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
DEC. DIM.	±.005	FULL SIZE
FRAC. DIM.	± 1/64	
ANGULAR DIM.	±	

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.	

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
<i>J. Label</i>		<i>MSB</i>
<i>J. Re 11/14/52</i>		

CHECKED	FINAL APPROVAL

PM-141

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-141

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

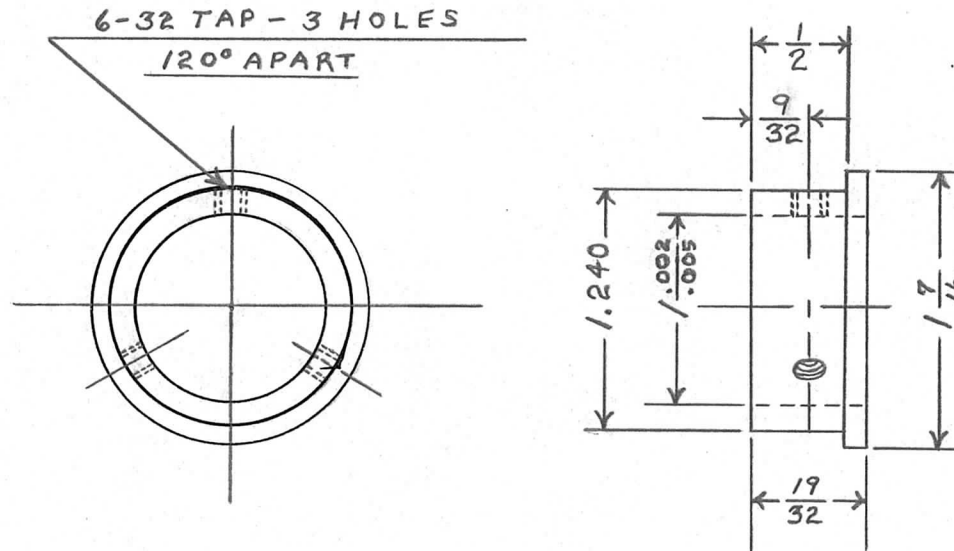
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2 DIA	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		BRASS	SADDLE BUSHING	
		MATERIAL	TAPE WINDING	
		WEIGHT PER PC.		
		FREE TURNING		
		TYPE & TEMPER	Dr 4/5/55	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
				<i>Law</i>
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
				PM-141
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005	FRAC. DIM. ± 1/64	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				
	ANGULAR DIM. ±						





IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-143

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

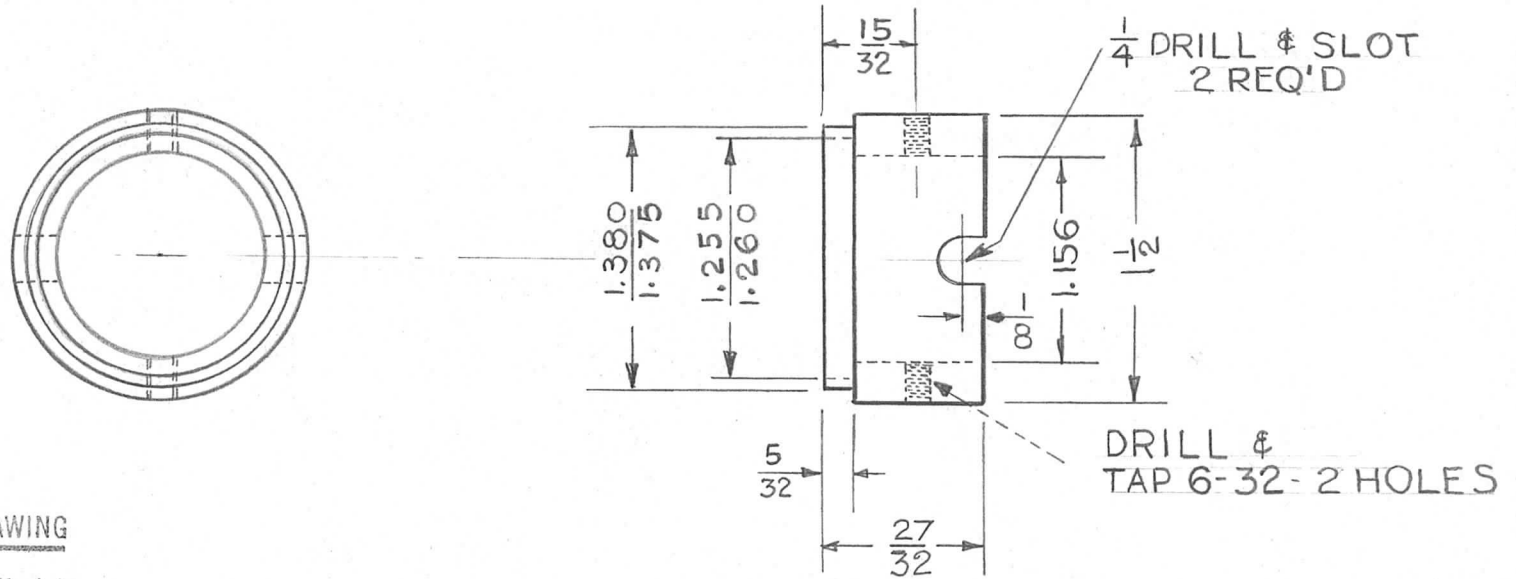
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



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Property of:

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MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 1/2 DIA	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		BRASS	PLUG RING	
		MATERIAL		
		FREE TURNING	LOW TAPE WINDER	
		TYPE & TEMPER	E.W.B.G. 11-5-55	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-143

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

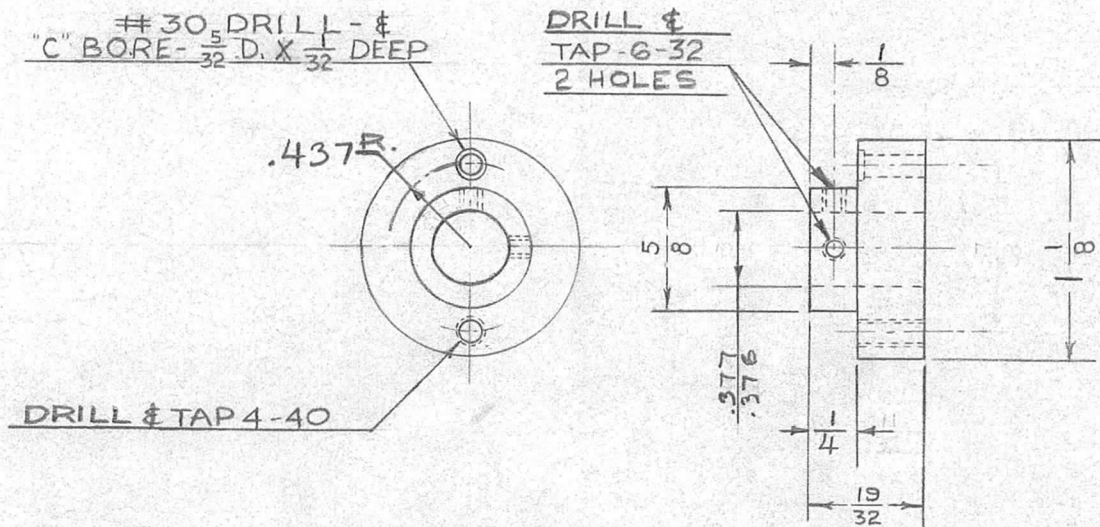
RELEASED

PM-144

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-223	9-13-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 DIA.	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
		ALUMINUM	PIN BUSHING	
		MATERIAL		
		115-T3		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		CAUSTIC DIP 5-101		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	FULL SIZE

DRAWN		ELEC. DES. APP.	MECH. DES. APP.
<i>WDC 11/7</i>			

CHECKED	FINAL APPROVAL
	PM-144

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-144

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

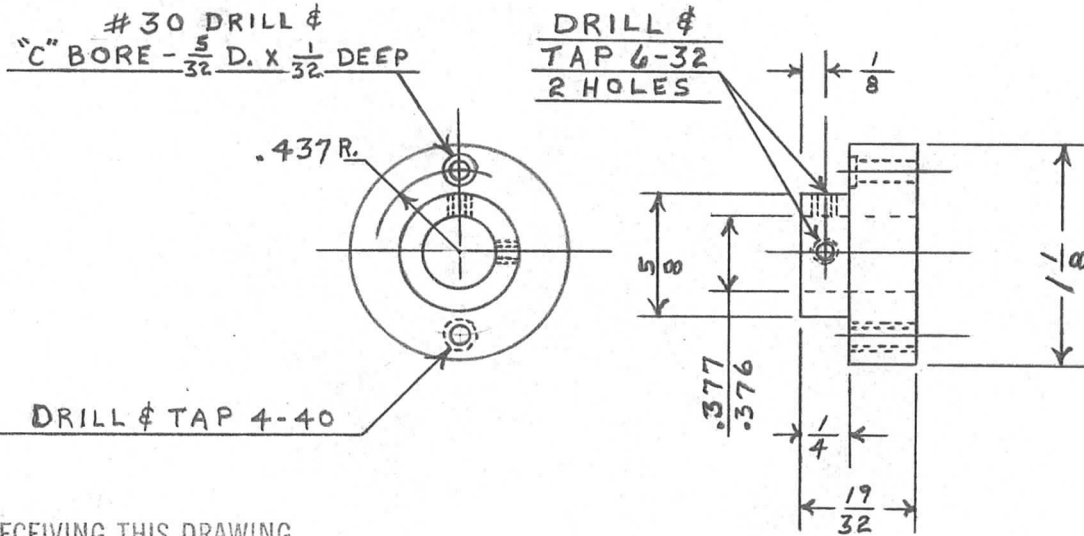
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		$\frac{1}{8}$ DIA.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM	PIN BUSHING	
		MATERIAL		
		115-T3	TAPE WINDER	
		TYPE & TEMPER		
		— # —	24 5/5/55	
		— # —	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	<i>Law</i>	
		CAUSTIC DIP S-101	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-144

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SCALE				
ALL OTHERS	DEC. DIM. $\pm .005$	FRAC. DIM. $\pm \frac{1}{64}$	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				
	ANGULAR DIM. $\pm$						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-145

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

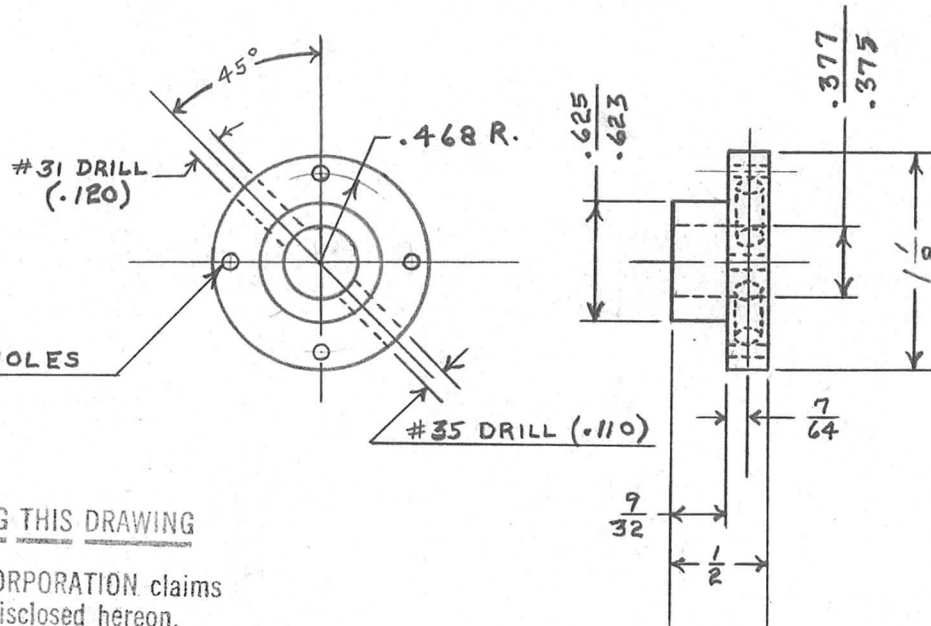
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



DRILL & TAP 4-40 4 HOLES

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Property of:

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MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			1/8 DIA.	
			STOCK SIZE	
			ALUMINUM	
			MATERIAL	WEIGHT PER PC.
			11S-T3	
			TYPE & TEMPER	
			HEAT TREAT. SPEC.	
			CAUSTIC DIP	
			S-101	
			FINISH & SPEC. NO.	
			TMC (Canada) LIMITED OTTAWA ONTARIO	
			GEAR BUSHING	
			TAPE WINDING	
			DA 5/5/55	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
				PM-145

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

SCALE FULL SIZE

ALL OTHERS  
DEC. DIM. ± .005  
FRAC. DIM. ± 1/64  
ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK  
SIZES AND MANUFACTURERS  
TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

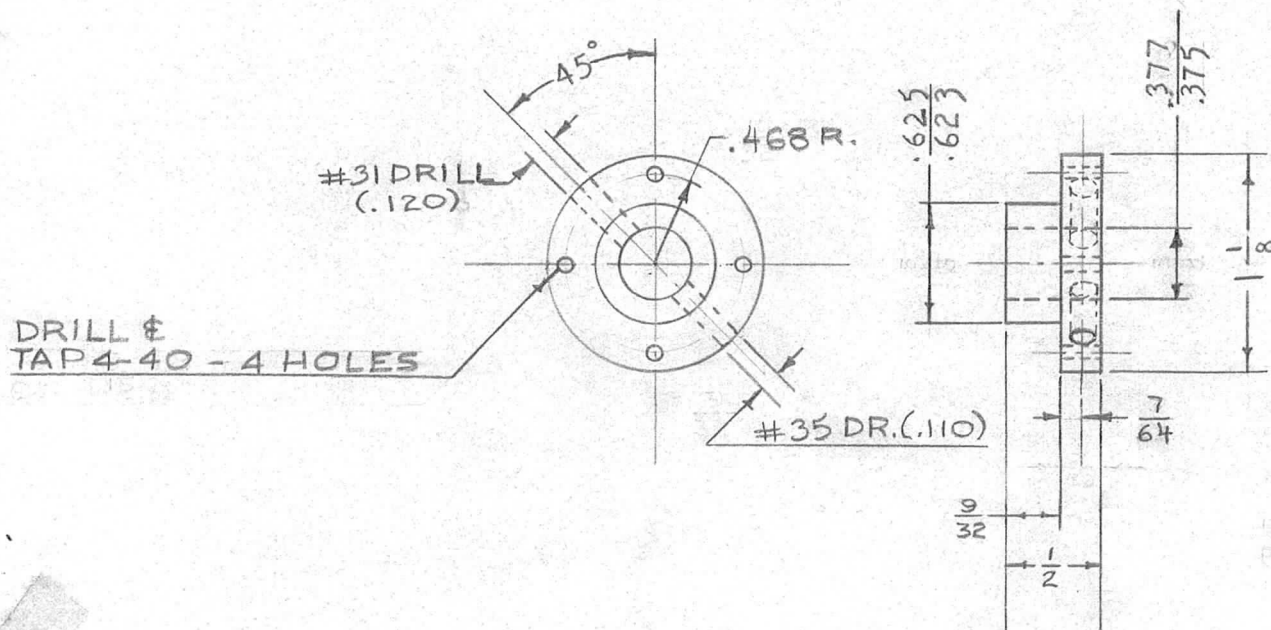
RELEASED

PM-145

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-230	10-17-52



DRILL &  
TAP 4-40 - 4 HOLES

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 DIA.	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
		ALUMINUM	GEAR BUSHING	
		MATERIAL		
		WEIGHT PER PC.		
		115 - T3		
		TYPE & TEMPER	16 10-17-52	
			DRAWN	ELEC. DES. APP.
			CHECKED	MECH. DES. APP.
		HEAT TREAT. SPEC.		
		CAUSTIC DIP		
		S-101		
		FINISH & SPEC. NO.		
				PM-145

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

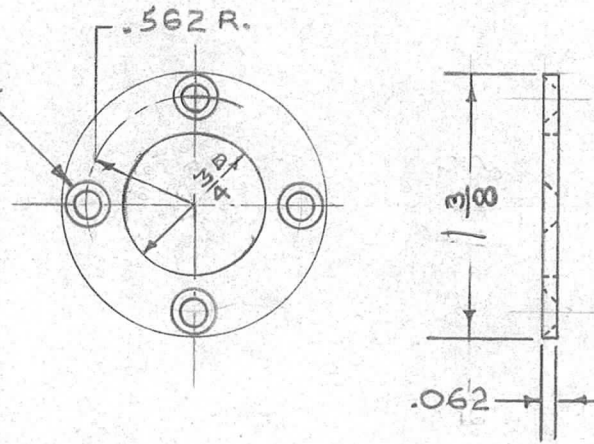
PM-146

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-218	10-16-52

9/64 D. (.140) - C'SINK 82° - 1/16 DP.  
4 HOLES



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/8 DIA.	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
		ALUMINUM	BEARING RETAINER	
		MATERIAL		
		WEIGHT PER PC.		
		115 - T3		
		TYPE & TEMPER	LG 10-16-52	
			DRAWN	ELEC. DES. APP.
			MECH. DES. APP.	
			11/14/52	
			CHECKED	FINAL APPROVAL
		HEAT TREAT. SPEC.		
		CAUSTIC DIP		
		S-101		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

PM-146

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-146

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

USED ON

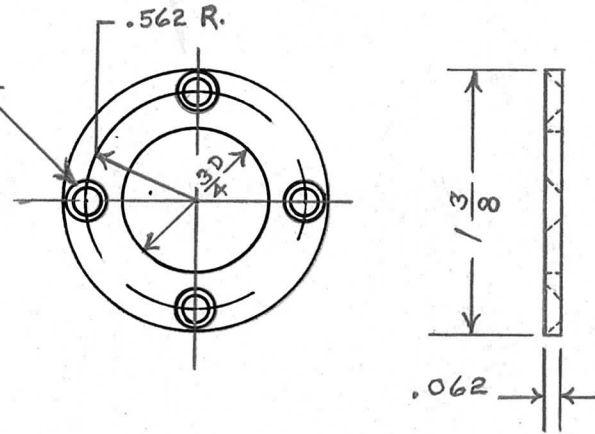
MODEL

PROJECT NO.

ASS'Y. NO.

DATE

9/64 D. (.140) - C'SINK 82° - 1/16 DP.  
4 HOLES



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Property of:

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MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/8 DIA	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM #	BEARING RETAINER	
		MATERIAL WEIGHT PER PC.	TAPE WINDING	
		115-T3	DT 4/5/55	
		TYPE & TEMPER	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		#		
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		CAUSTIC DIP S-101		PM-146
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

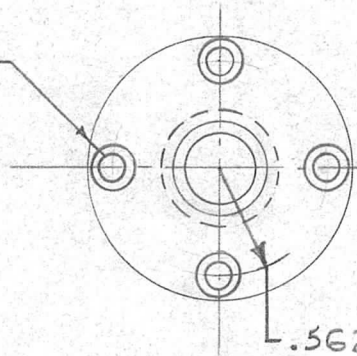
PM-147

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

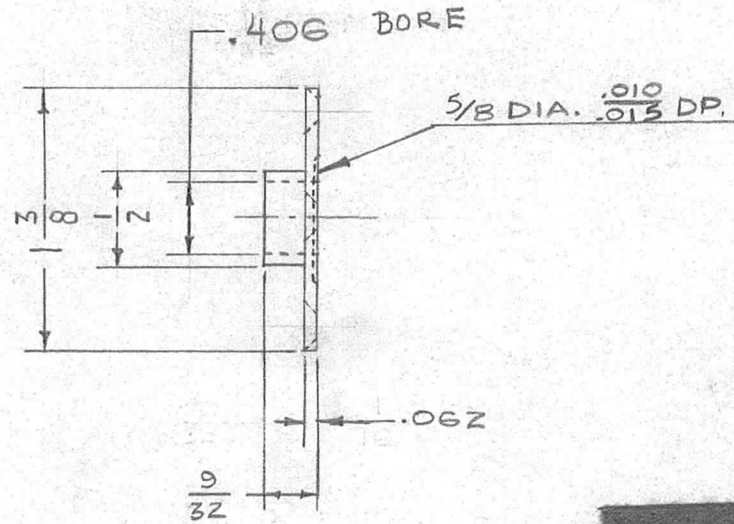
USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-218	10-16-52

$\frac{9}{64}$  DIA. (.140) - C' SINK  $82^\circ - \frac{1}{16}$  DP.  
4 HOLES



.562 R.



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/8 DIA.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	FLANGED BEARING RETAINER	
		MATERIAL		
		115-T3		
		TYPE & TEMPER	16 10-16-52	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			11/14/52	
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		CAUSTIC DIP S-101		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
ALL OTHERS		DEC. DIM. $\pm .005$ FRAC. DIM. $\pm \frac{1}{64}$ ANGULAR DIM. $\pm$					

SCALE FULL SIZE  
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

PM-147

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-147

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

USED ON

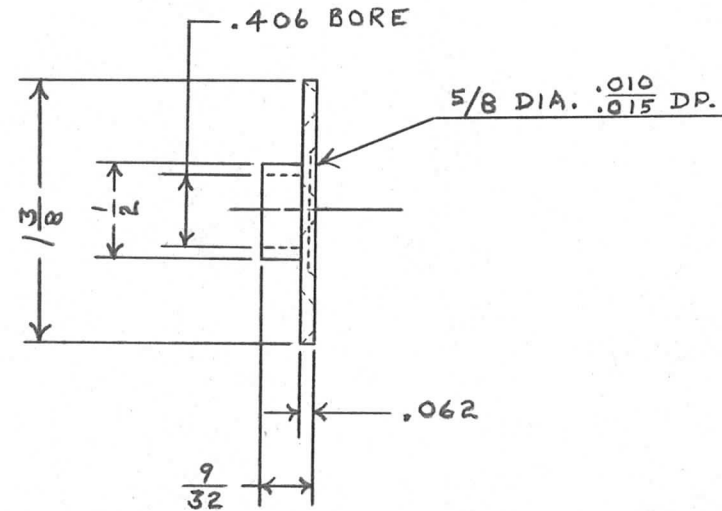
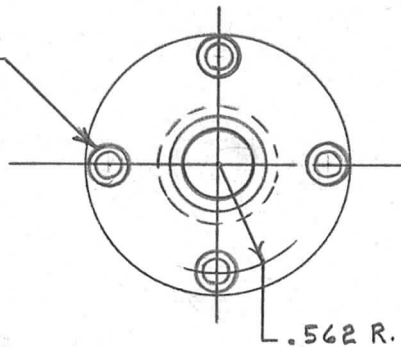
MODEL

PROJECT NO.

ASS'Y. NO.

DATE

7/64 D(.140) - C/SINK 82° - 1/16 DP.  
4 HOLES

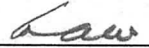


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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/8 DIA.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
	ALUMINUM	#	FLANGED BEARING RETAINER	
	MATERIAL	WEIGHT PER PC.	TAPE WINDING	
		115-T3	RT 5/5/55	
		TYPE & TEMPER		
		#	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	 FINAL APPROVAL	
		CAUSTIC DIP S-101		
		FINISH & SPEC. NO.	CHECKED	PM-147

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

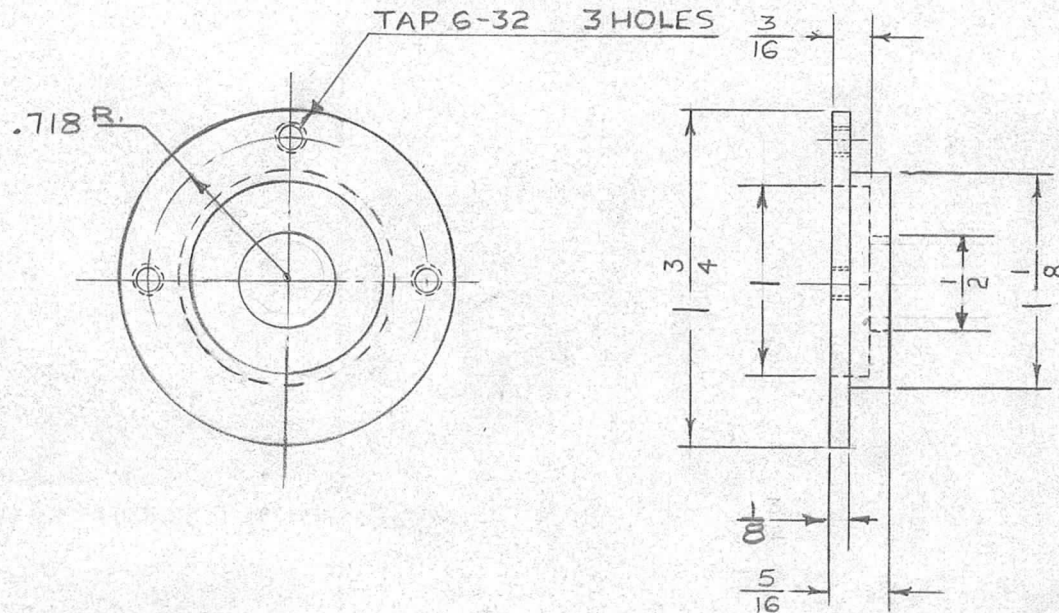
PM-148

A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-218	9-13-52



NOTE:  
 1. S-101 (CAUSTIC DIP)  
 2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	1	3/4 DIA.	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
		ALUMINUM	GEAR SHAFT FLANGE	
		MATERIAL		
		WEIGHT PER PC.		
		115-T3		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		SEE NOTE		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	1/8 WAS 3/32	7/9/53	1			<i>PMB</i>

TOLERANCES	SCALE	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
ALL OTHERS DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		

*L. Gabry*  
DRAWN  
ELEC. DES. APP.  
*PMB*  
MECH. DES. APP.  
*MD* 11/6/52  
CHECKED  
FINAL APPROVAL  
PM-148 A

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-148

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR/15

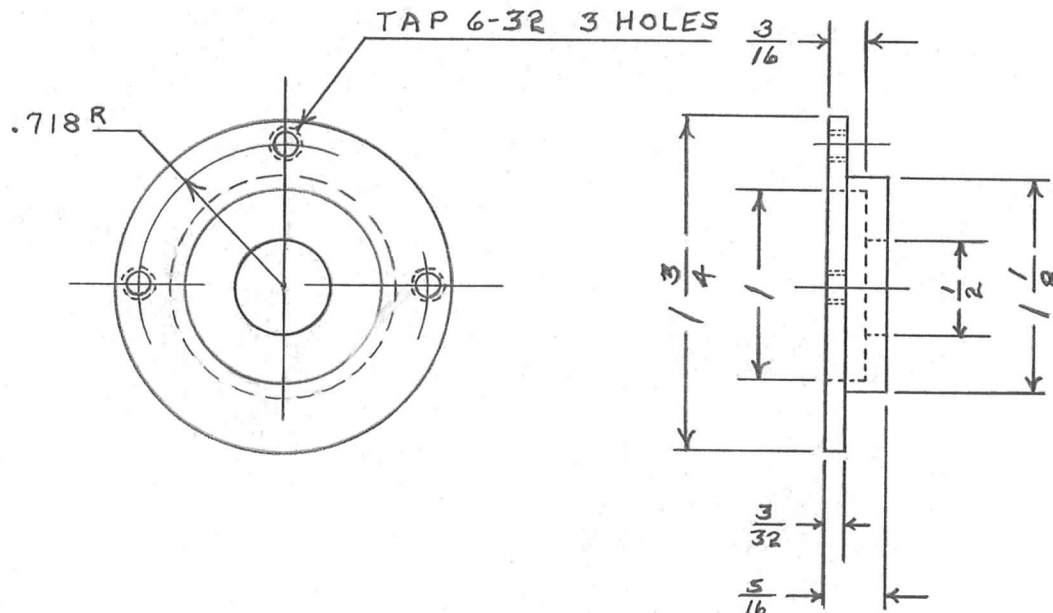
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



NOTE:

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/4 DIA.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM	GEAR SHAFT FLANGE	
		MATERIAL	TAPE WINDING	
		115-T3	DT 5/5/55	
		TYPE & TEMPER		
		— # —	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.		
		SEE NOTE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-148

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

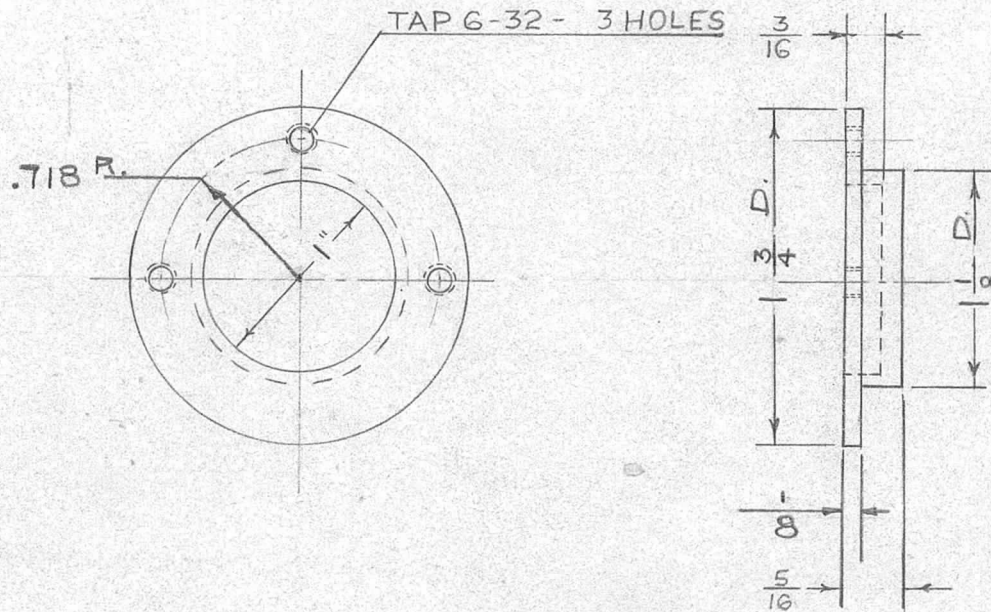
RELEASED

PM-150 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-219	9-13-52



- NOTE:
1. S-101 (CAUSTIC DIP)
  2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/4 D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	COVER BDSS	
		MATERIAL		
		115-T3		
		TYPE & TEMPER		
		SEE NOTE		
		FINISH & SPEC. NO.		

A	1	1/8 WAS 3/32	7-9-52	1				
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
ADG 11/6/52		
CHECKED	FINAL APPROVAL	
	PM-150	A

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

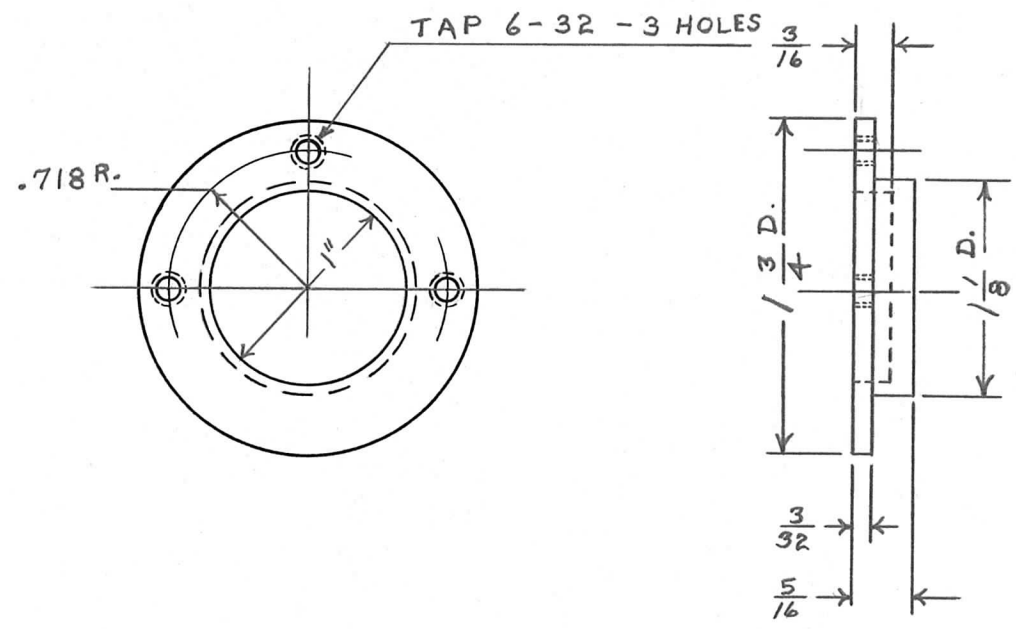
PM-150

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

USED ON

MODEL PROJECT NO. ASS'Y. NO. DATE



NOTE:

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/4 D.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
	ALUMINUM	—H—	COVER BOSS	
	MATERIAL	WEIGHT PER PC.	TAPE WINDING	
		11S-73	BT 5/5/55	
		TYPE & TEMPER	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		H		
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		SEE NOTE		PM-150
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

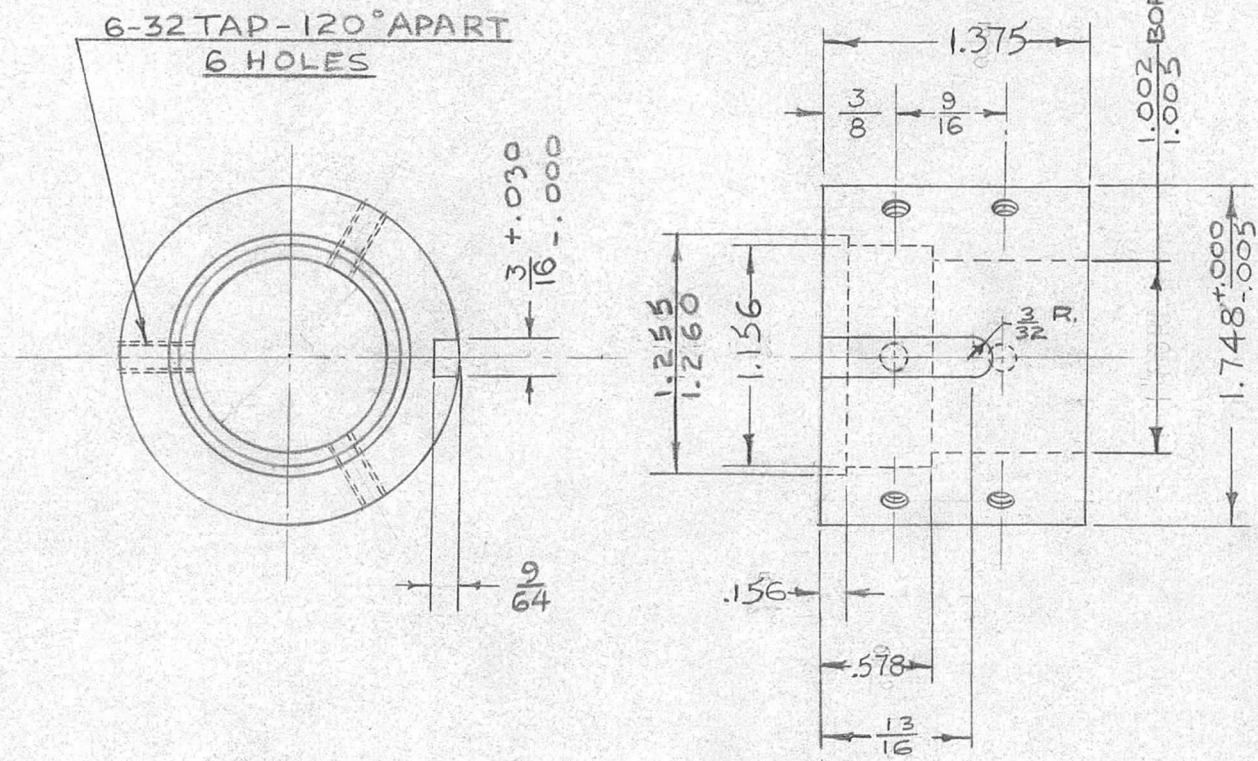
IT IS DESIRABLE TO CHANGE ANY TOLERANCE  
 IF OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY  
 THE PURCHASER PROMPTLY.

MINIMUM ALLOWABLE TOLERANCES HAVE BEEN DETER-  
 MINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION.  
 REMOVE ALL BURRS AND SHARP EDGES

RELEASED

PM-152

USED ON			
MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-220	9-6-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/4 DIA.	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
		ALUMINUM	PLUG HOUSING	
		MATERIAL		
		WEIGHT PER PC.		
		115-T3		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		CAUSTIC DIP		
		S-101		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE FULL SIZE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

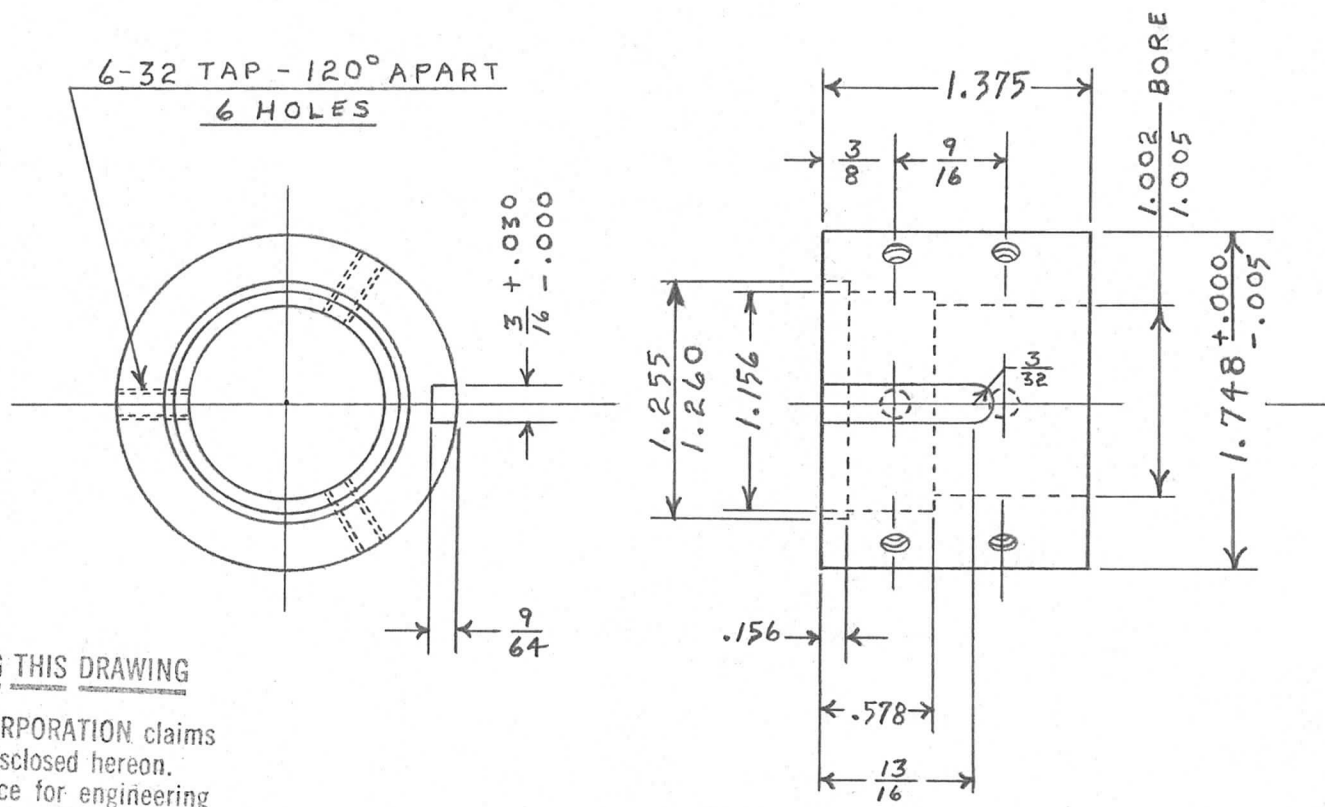
DRAWN: *L. Gabel*  
 ELEC. DES. APP.: *opt*  
 MECH. DES. APP.: *[Signature]*  
 CHECKED: *JAD 11/14/52*  
 FINAL APPROVAL: *[Signature]*  
 PM-152

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-152

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115		USED ON	
MODEL	PROJECT NO.	ASS'Y. NO.	DATE



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MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 3/4 DIA.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM #	PLUG HOUSING	
		MATERIAL WEIGHT PER PC.	TAPE WINDING	
		11S-T3	BT 6/5/55	
		TYPE & TEMPER	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		#		
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		CAUSTIC DIP S-101		
		FINISH & SPEC. NO.		PM-152

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

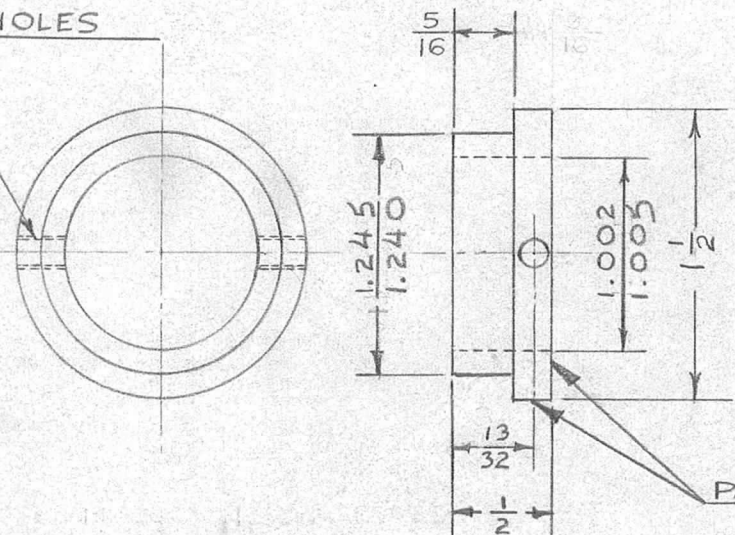
PM-153

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-220	9-3-52

TAP 6-32 THD. (2 HOLES)



PAINT THESE SURFACES ONLY

NOTE:

- S-101 (CAUSTIC DIP)
- S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 1/2 DIA	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	POST RING	
		MATERIAL		
		115-T3		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE FULL SIZE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
<i>Label</i>		<i>0974</i>
<i>JAR</i> 11/14/52		

CHECKED	FINAL APPROVAL

PM-153
--------

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-153

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

USED ON

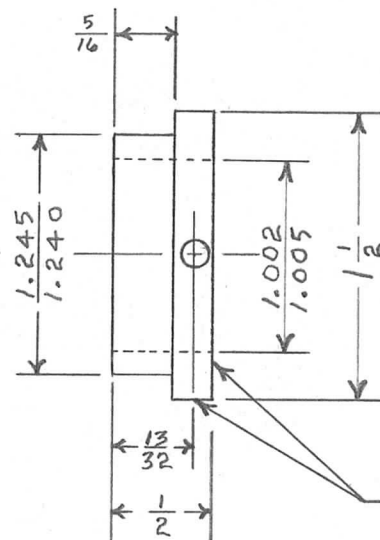
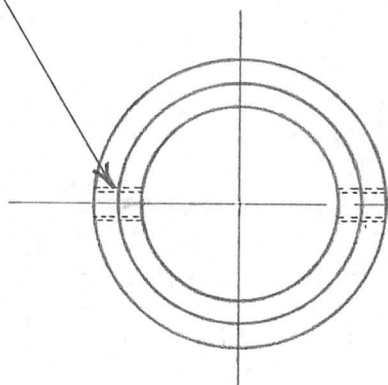
MODEL

PROJECT NO.

ASS'Y. NO.

DATE

TAP 6-32 THD. (2 HOLES)



PAINT THESE SURFACES ONLY

NOTE:

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2 DIA	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM	POST RING	
		MATERIAL	TAPE WINDING	
		115-T3		
		WEIGHT PER PC.		
		TYPE & TEMPER		
		#		
		HEAT TREAT. SPEC.		
		SEE NOTE		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	FULL SIZE

DRY	DATE	DESCRIPTION
	6/5/55	

DRAWN	ELEC. DES. APP.	MECH. DES. APP.

CHECKED	FINAL APPROVAL
	<i>Law</i>

PM-153

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

PM-154

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

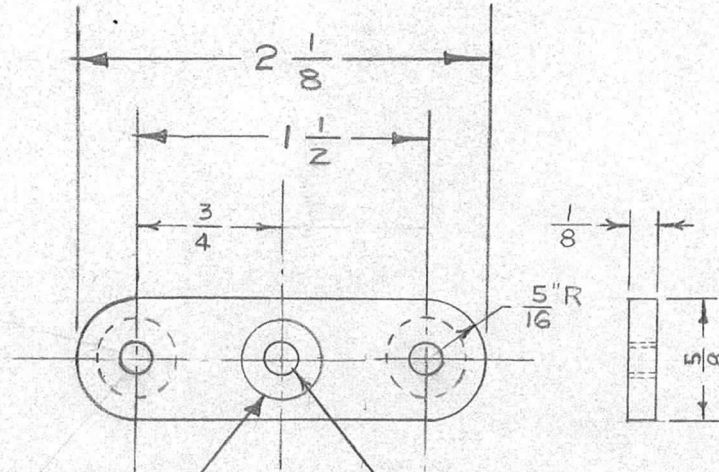
DATE

TWR-115

151

A-220

9-8-52



MASK 7/16 DIA. - CENTER HOLE ON ONE SIDE, END HOLES ON REVERSE SIDE, BEFORE PAINTING.

#9 DR: (.196) 3 HOLES

NOTE:

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 THK.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	TAPE GUIDE SUPPORT	
		MATERIAL		
		525-H32		
		TYPE & TEMPER		
		—		
		HEAT TREAT. SPEC.		
		SEE NOTE		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE FULL SIZE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
L. Gabel		
ADe 11/14/52		
CHECKED	FINAL APPROVAL	
	PM-154	



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

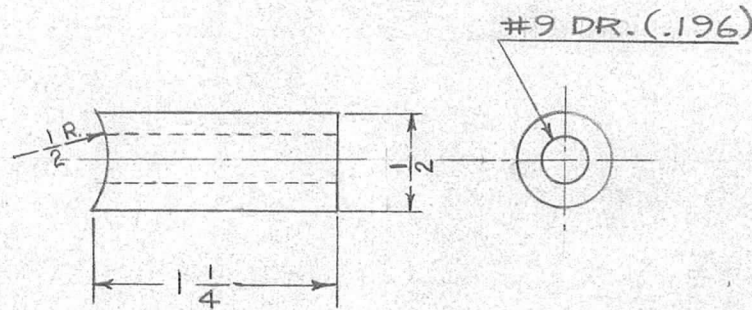
RELEASED

PM-155

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
TWR-115	151	A-220	9-3-52



NOTE

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)  
ENDS UNFINISHED

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2 DIA.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	SPACER	
		MATERIAL		
		115-T3		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE FULL SIZE
ALL OTHERS	DEC. DIM. ± .003 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
JAD - 11/14/52		
CHECKED	FINAL APPROVAL	
	PM-155	

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-155

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TWR-115

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

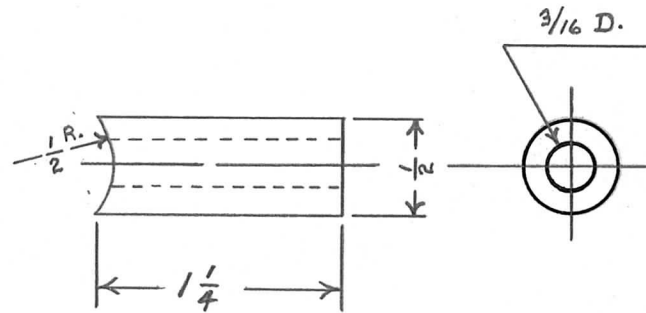
DATE

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MAMARONECK, NEW YORK



NOTE

1. S-101 (CAUSTIC DIP)
2. S-151 (GREY WRINKLE PAINT)  
ENDS UNFINISHED

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2 DIA.	TMC (Canada) LIMITED OTTAWA ONTARIO	
		STOCK SIZE		
		ALUMINUM	SPACER	
		MATERIAL	TAPE WINDING	
		115-T3		
		TYPE & TEMPER	DT 4/5/55	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		FINISH & SPEC. NO.	CHECKED	FINAL APPROVAL
		SEE NOTE		PM-155

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ±						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

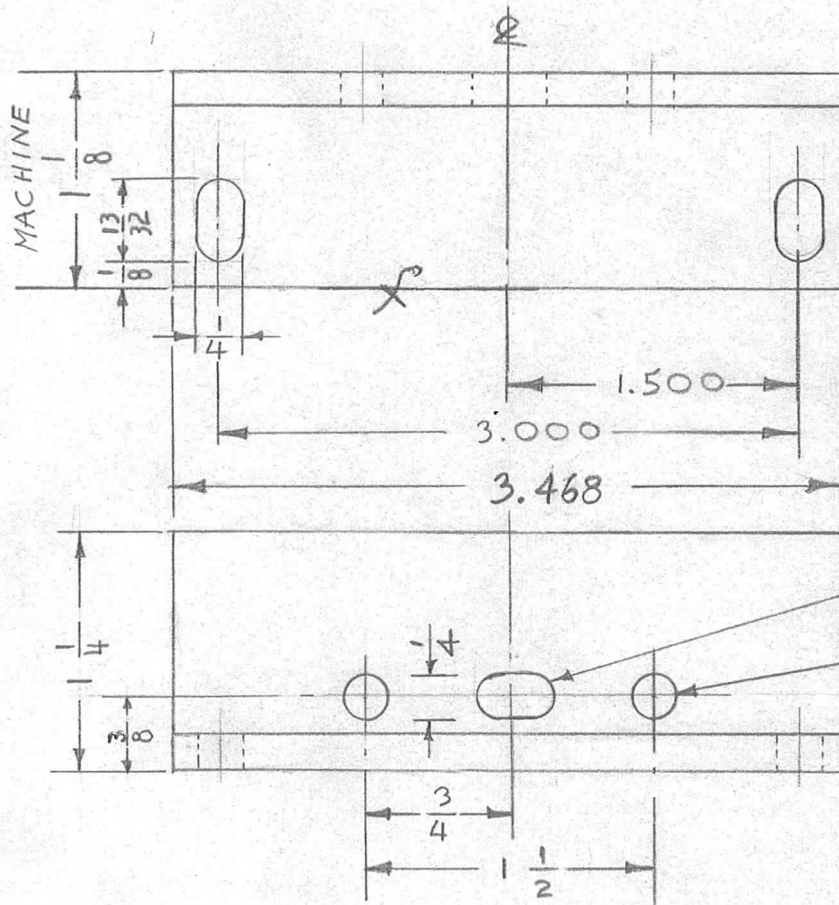
RELEASED

PM-162

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
EPP	162	A-253	11-12-52



1/4 x 3/8 LONG  
1/4 DIA. (.250)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
			BRACKET, END	
			ALUMINUM	
			WEIGHT PER PC.	
			635-T5	
			TYPE & TEMPER	
			HEAT TREAT. SPEC.	
			FINISH & SPEC. NO.	
			5-101, 5-114, 5-115	
			15 11-12-52	
			DRAWN	
			ELEC. DES. APP.	
			MECH. DES. APP.	
			11/13/52	
			CHECKED	
			FINAL APPROVAL	
			PM-162	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± .005	FRAC. DIM. ± 1/64	ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

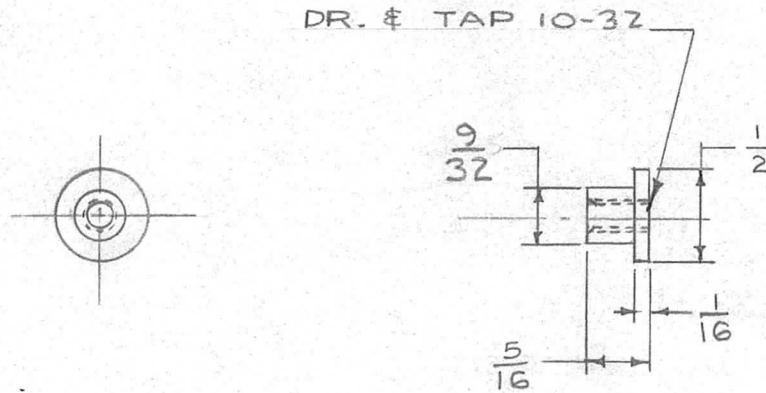
RELEASED

PM-165

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-266	11-21-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2" D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	BUSHING	
		MATERIAL		
		11S-T3		
		TYPE & TEMPER	11-21-52	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	12-12-52	
		(S-120) BLACK ANODIZE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-165

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
ALL OTHERS		DEC. DIM. ± 1/64 FRAC. DIM. ± ANGULAR DIM. ±					

SCALE FULL SIZE  
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

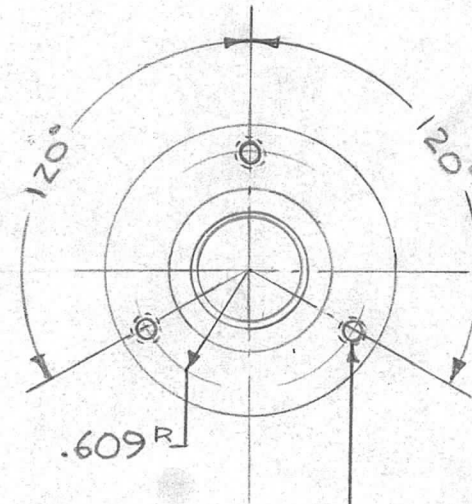
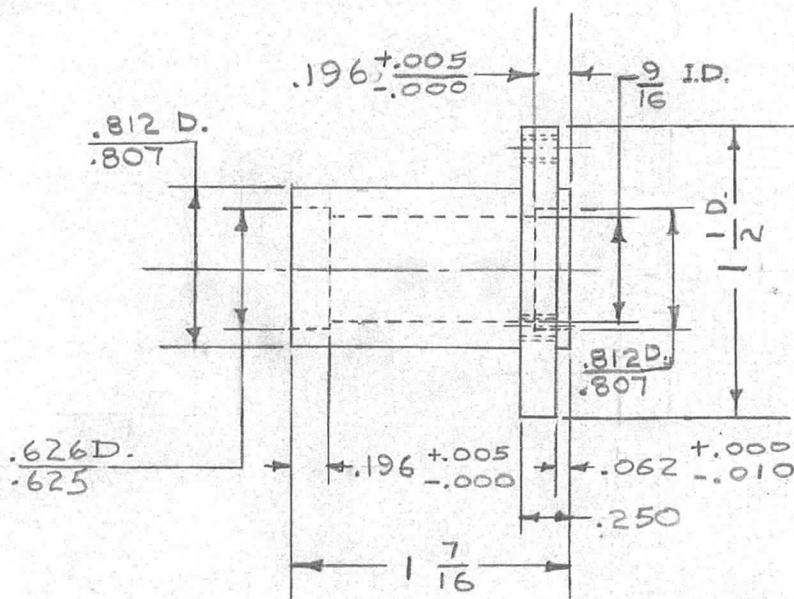
RELEASED

PM-166

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-265	11-21-52



DR. & TAP 4-40-3 REQ'D.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1 1/2 O.D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	BASE FRAME	
		MATERIAL		
		11S-T3		
		TYPE & TEMPER	15 11-21-52	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		(S-120)BLACK ANODIZE	140 12-12-52	
		FINISH & SPEC. NO.	CHECKED	FINAL APPROVAL
				PM-166

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE				
ALL OTHERS	DEC. DIM. ±.005 FRAC. DIM. ±1/64 ANGULAR DIM. ± 1°		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

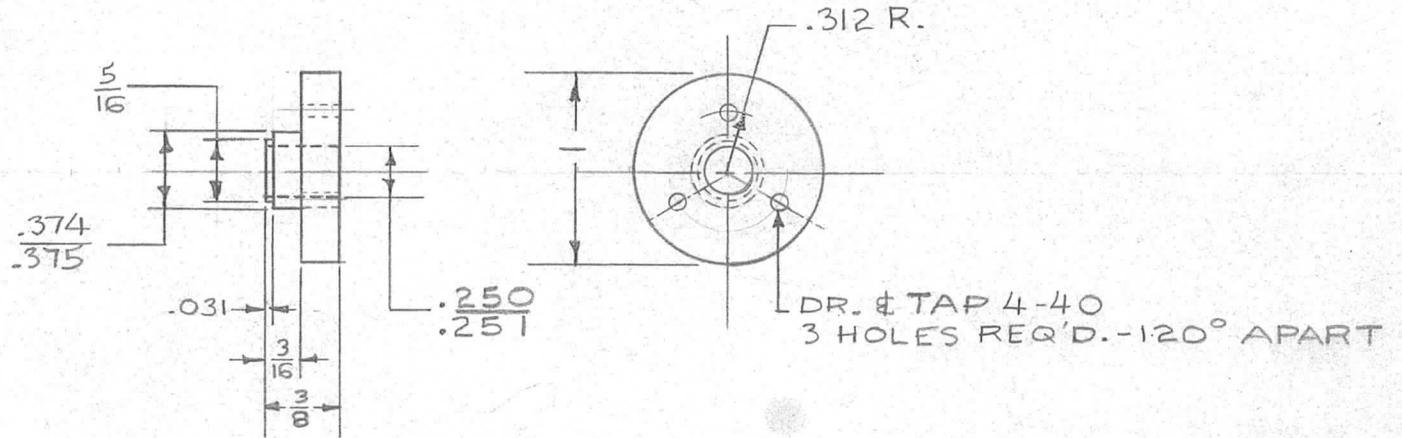
RELEASED

PM-168

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-268	11-24-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1" O.D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM	GEAR HUB	
		MATERIAL		
		115-T3		
		TYPE & TEMPER	16 11-24-52	
		FF	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	JAR 12-12-52	
		(S-120) BLACK ANODIZE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-168

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ± 1/64						
	ANGULAR DIM. ± 1°						

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

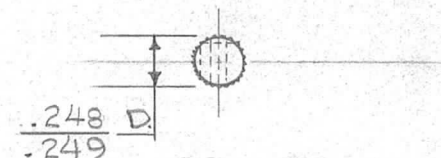
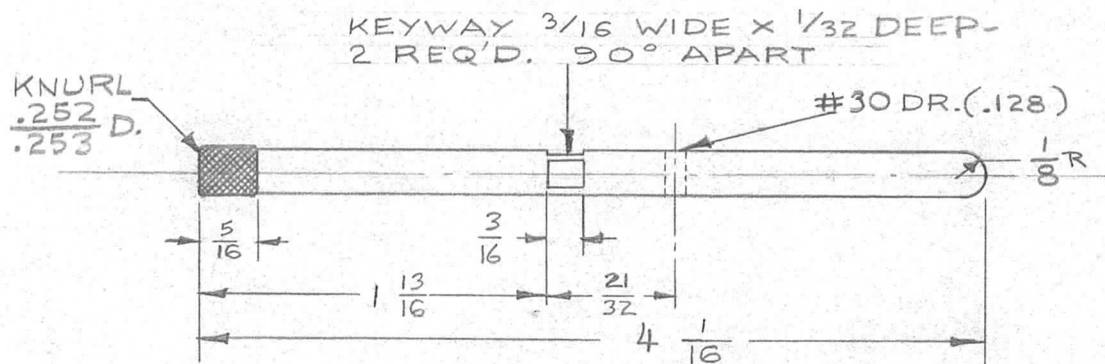
RELEASED

PM-169

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-268	11-24-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			DRIVE SHAFT	
			STAINLESS STEEL	
			303 OR 416	
			TYPE & TEMPER	
			HEAT TREAT. SPEC.	
			FINISH & SPEC. NO.	
			16 11-24-52	
			DRAWN	
			ELEC. DES. APP.	
			MÉCH. DES. APP.	
			JAD 12-12-52	
			CHECKED	
			FINAL APPROVAL	
			PM-169	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±			DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

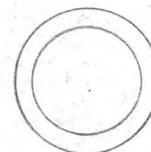
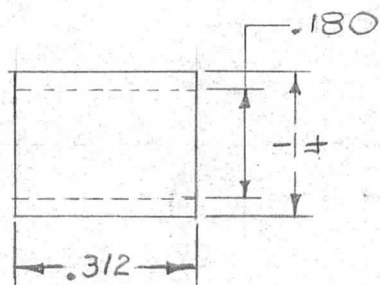
PM-170

Ø

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-269	11-25-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/4 O.D. X .180 I.D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM TUBING	SPACER	
		MATERIAL		
		WEIGHT PER PC.		
		615-T6		
		TYPE & TEMPER	15 11-25-52	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			12-12-52	FINAL APPROVAL
		HEAT TREAT. SPEC.		
		(S-120) BLACK ANODIZE		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
Ø		ORIGINAL RELEASE	9/26/69				
TOLERANCES		SCALE 3" = 1"		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±						

PM-170

Ø

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

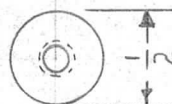
RELEASED

PM-171

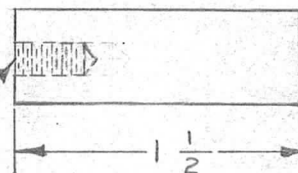
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-270	11-26-52



DRILL & TAP -  
8-32 3/8 DEEP



CHAMFER - 1/32 x 1/32

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/2 O.D.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUMINUM ROD	TAPE GUIDE	
		MATERIAL		
		11S-T3		
		TYPE & TEMPER	16 11-26-52	
		FINISH	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	JAR 12-12-52	
		(S-120) BLACK ANODIZE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-171

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
ALL OTHERS		DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±					
TOLERANCES			SCALE				
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.							

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

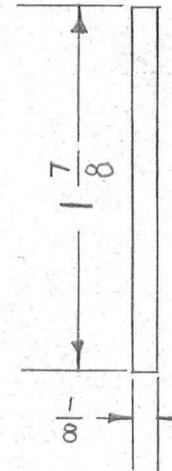
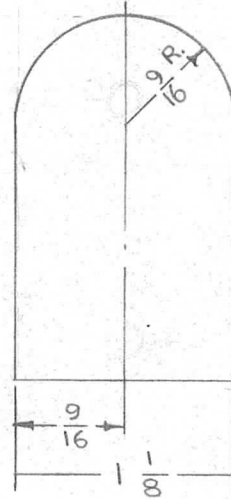
PM-172



MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-271	11-26-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 THK	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	Ø
		STOCK SIZE		
		ALUMINUM	POST SUPPORT	
		MATERIAL		
		3S-H18		
		TYPE & TEMPER	16 11-26-52	
		ff	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		ff	11-26-52	SPM 9/26/69
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		ff		
		FINISH & SPEC. NO.		

Ø	ISSUE	ITEM	ORIGINAL RELEASE	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
				9/26/69				
			CHANGED FROM					
			TOLERANCES					
			DEC. DIM. ±					
			FRAC. DIM. ± 1/64					
			ANGULAR DIM. ±					
			SCALE FULL SIZE					
			DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

PM-172



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

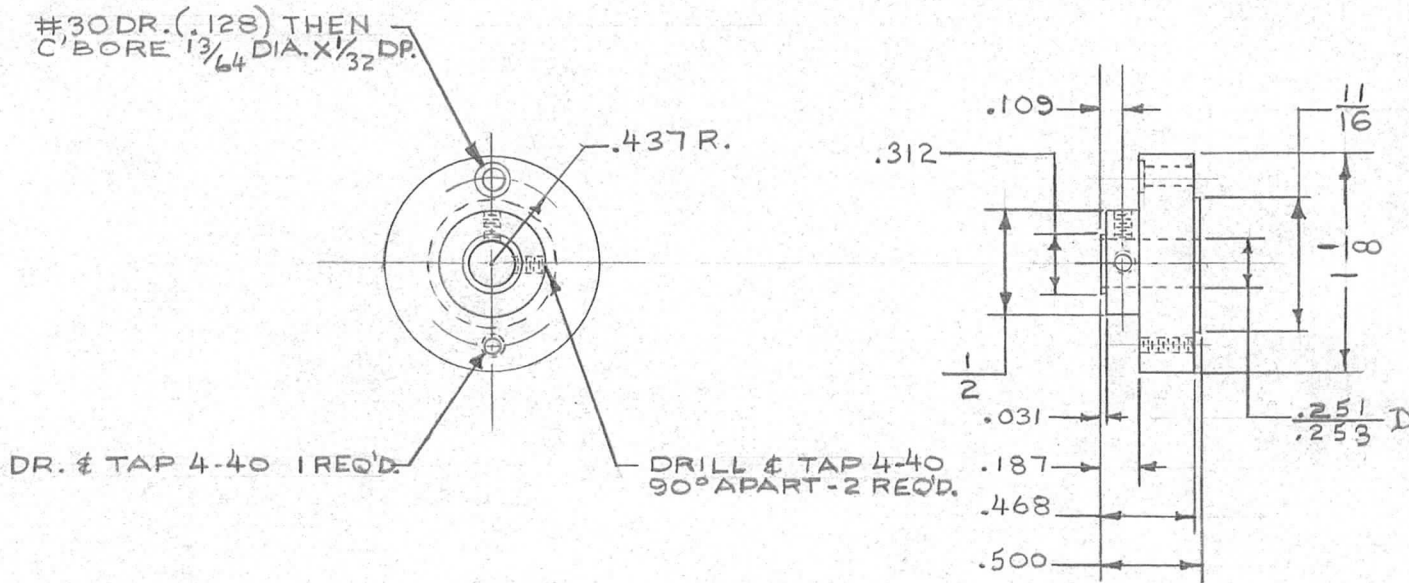
RELEASED

PM-174

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CK-2	168	A-272	11-26-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/8 D.	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK. NEW YORK	
	ALUMINUM	//	PIN GUIDE	
	MATERIAL	WEIGHT PER PC.		
		11S-T3		
		TYPE & TEMPER	15 11-26-52	
		//	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	11-12-52	
		(S-120) BLACK ANODIZE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-174

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

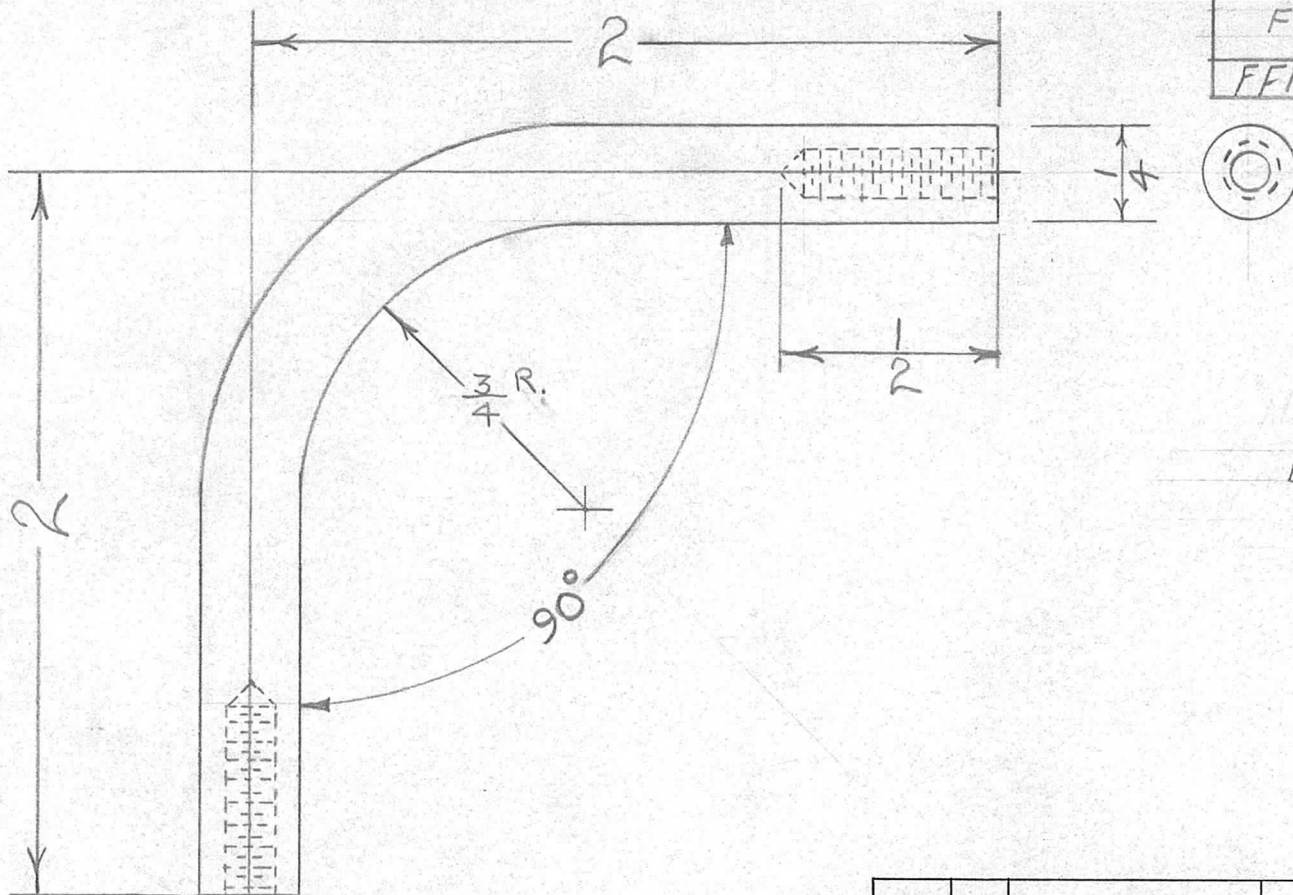
RELEASED

PM-175 | A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
FFR	104	A-275	11-18-52
FFR-2			5-22-58



BLANK SIZE

$3\frac{9}{16}$

DRILL AND TAP  $6/32 - \frac{1}{2}$  DEEP, 2 REQ.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		$\frac{1}{4}$ ROD.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUM.	BRACE, JACK	
		MATERIAL		
		2011-T3		
		TYPE & TEMPER		
		W.D.C.	G.T.O.	P.M.B.
		DRAWN	ELEC. DES. APP.	MECH. DES. APP.
		HEAT TREAT. SPEC.		
		5-101 CAUSTIC DIP		
		FINISH & SPEC. NO.		
			CHECKED	FINAL APPROVAL
				PM-175   A

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	DIM. CHANGED	2-10-53	1	W.D.C.	P.M.B.	P.M.B.

TOLERANCES SCALE Twice

ALL OTHERS DEC. DIM.  $\pm$   
FRAC. DIM.  $\pm$   $\frac{1}{64}$   
ANGULAR DIM.  $\pm$

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

RELEASED

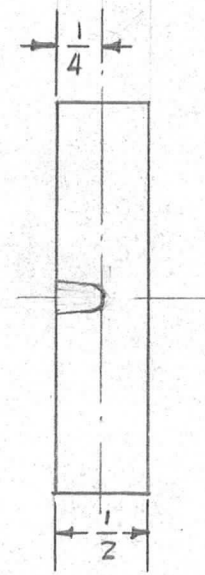
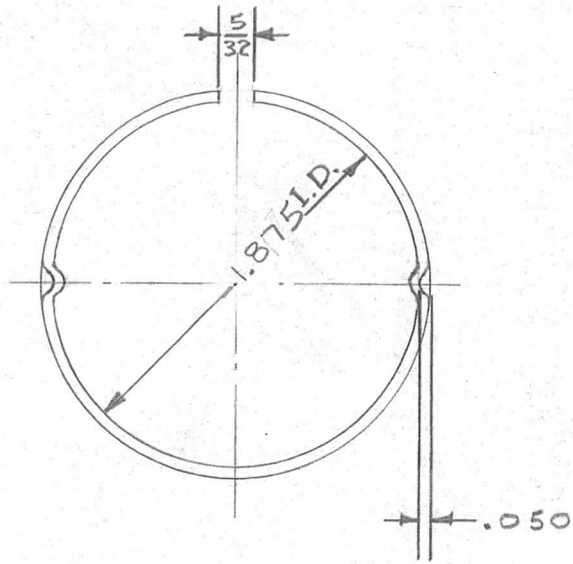
PM-177



MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
R-8	168	A-287	12-3-52
R-10	168	A-287	12-3-52
R-12	168	A-287	12-3-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		.050 THK. 16 GAUGE	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
		BRASS	CLUTCH RING	
		MATERIAL WEIGHT PER PC.		
		SPRING		
		TYPE & TEMPER	16 12-3-52	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		FINISH & SPEC. NO.	CHECKED	FINAL APPROVAL

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
Ø		ORIGINAL RELEASE	9/26/69				
TOLERANCES		SCALE FULL SIZE					
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

PM-177



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

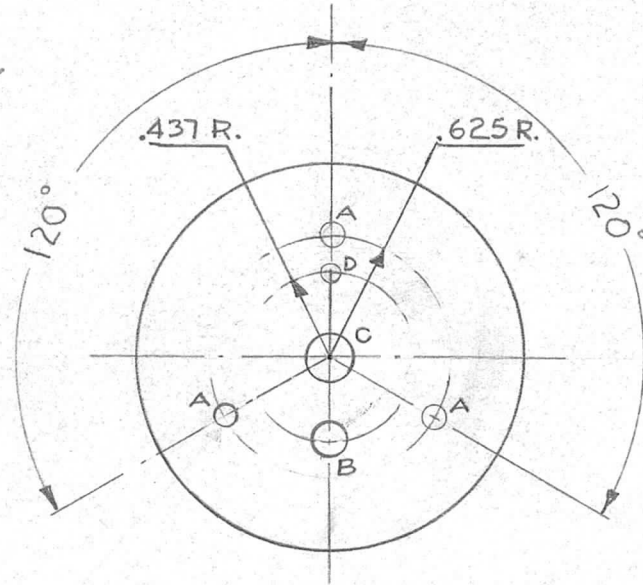
RELEASED

PM-178 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
R-8	168	A-289	12-3-52
R-10	168	A-289	12-3-52
R-12	168	A-289	12-3-52



LEGEND

- A = # 30 DR. (.128) 3 REQ'D.
- B = # 11 DR. (.191) 1 REQ'D.
- C = .252 ± .001 1 REQ'D.
- D = # 34 DR. (.111) 1 REQ'D.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		.025 THK.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	SHIM
		STOCK SIZE		
		PHOSPHOR BRONZE OR BRASS		
		MATERIAL		
		WEIGHT PER PC.		
		TYPE & TEMPER	16 12-3-52	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		S-135 NICKEL PLATE	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-178 A

A	1	Was S-107	7/13/53	1	JAD	CRS	
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

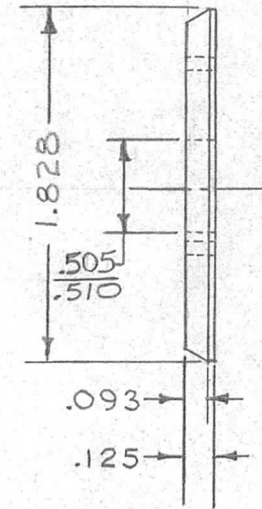
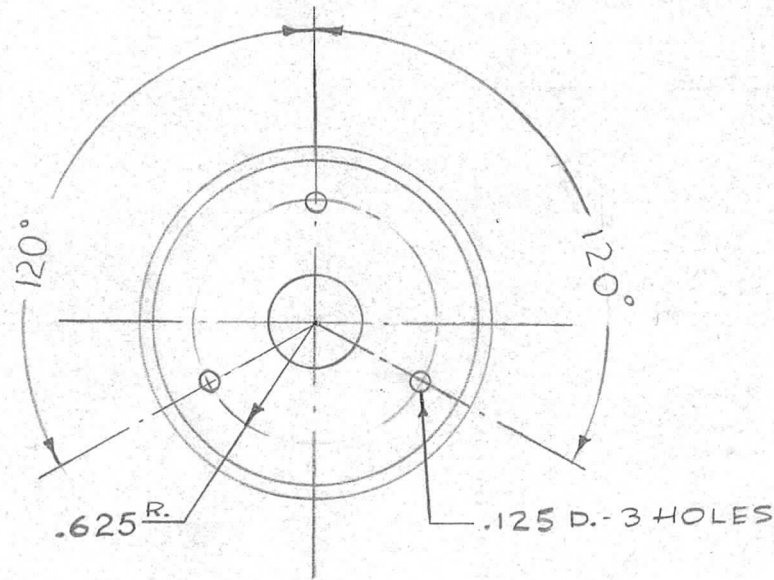
RELEASED

PM-179

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
R-8	168	A-288	12-3-52
R-10	168	A-288	12-3-52
R-12	168	A-288	12-3-52



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		<i>ff</i>	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	CLUTCH FACE	
		MATERIAL		
		WEIGHT PER PC.		
		FREE TURNING		
		TYPE & TEMPER	16 12-3-52	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			HEAT TREAT. SPEC.	
		(S-135) NICKEL PLATE	12-15-52	FINAL APPROVAL
		FINISH & SPEC. NO.		

<input checked="" type="checkbox"/>	ORIGINAL RELEASE	9/26/69	(C)			
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
TOLERANCES			SCALE FULL SIZE			
ALL OTHERS	DEC. DIM. $\pm .005$ FRAC. DIM. $\pm$ ANGULAR DIM. $\pm 1^\circ$		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			

PM-179

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

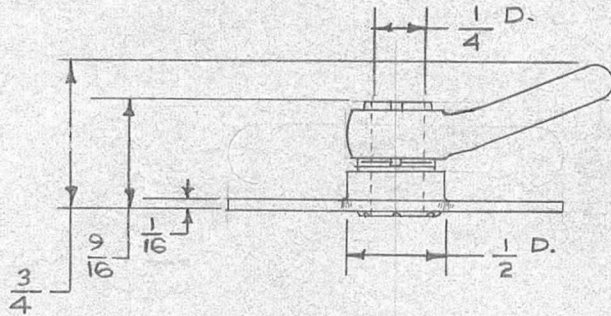
RELEASED

PM-181 A

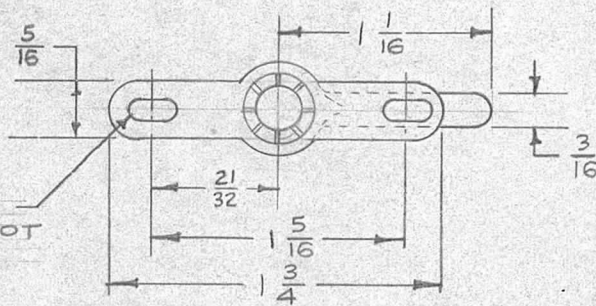
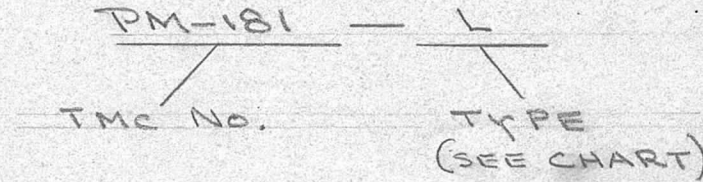
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	FFRD-5	104	A-228	12-30-52
	FFRD-6	104	A-228	12-30-52
	FFRD-7	104	A-228	12-30-52
	FFRD-8	104	A-228	12-30-52
1	FFRD-1,2,3	E-458		4/16/56
1	FFRD-3M			5-15-56
1	VOX 142			5-19-58
1	RTF			5-23-58

SYM.	DESCRIPTION
L	W/LEVER
NL	NO LEVER



TYPE DESCRIPTION TO BE AS FOLLOWS



DIM. FOR REF. ONLY

MILLEN CO. CAT. NO. 10063

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		//	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
	BRASS	//	SHAFT LOCK	
	MATERIAL	WEIGHT PER PC.		
		//		
		TYPE & TEMPER	15 12-30-52	
			DRAWN	ELEC. DES. APP.
			OMG 12/31/52	MECH. DES. APP.
		HEAT TREAT. SPEC.		
		BRIGHT NICKEL PL.		
		S-135		
		FINISH & SPEC. NO.		
			CHECKED	FINAL APPROVAL
				PM-181 A

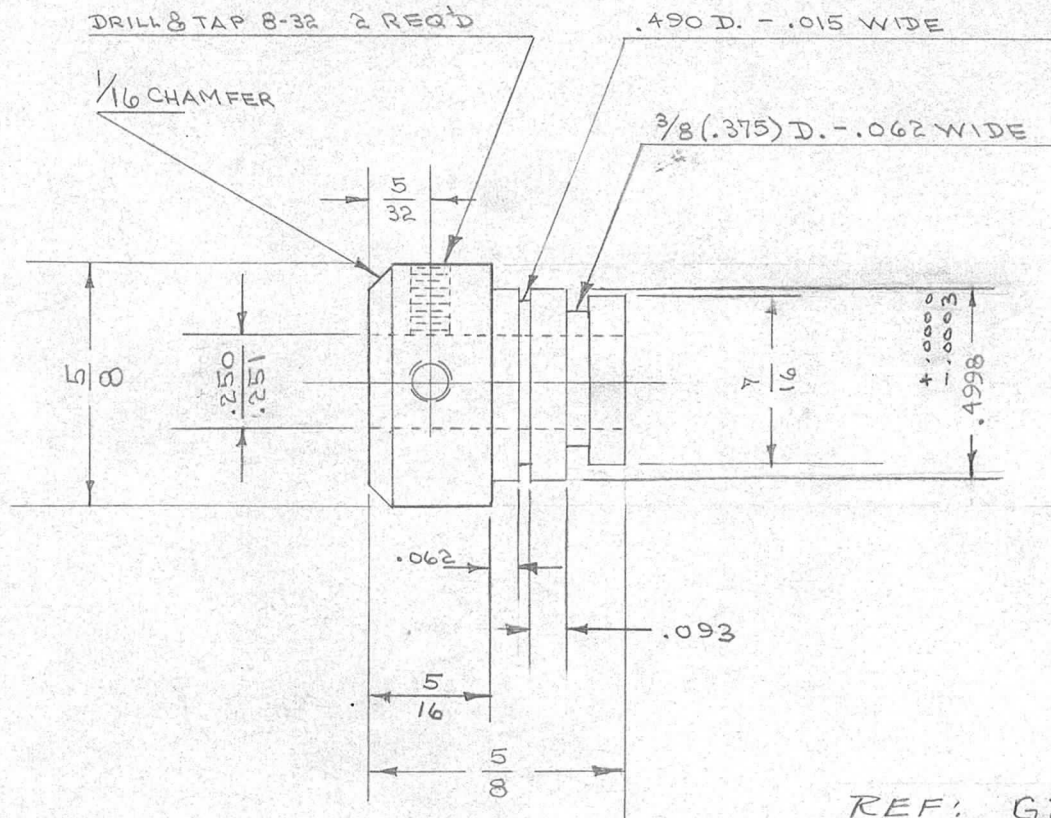
A	1	CHART ADDED	7/21/52	1	JAC	005	WJC
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE //				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-182

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION.  
REMOVE ALL BURRS AND SHARP EDGES

QTY PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	A-1000	101	A-336	



REF: GR-110 + GR-111

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		— # —	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		BRASS	HUB	
		MATERIAL		
		WEIGHT PER PC.		
		HALF HARD		
		TYPE & TEMPER	C.D.D. 1-15-53	
			DRAWN	AJJ
			ELEC. DES. APP.	
			CHECKED	AJJ
			MECH. DES. APP.	
			HEAT TREAT. SPEC.	
			CHECKED	
			FINAL APPROVAL	
			SUPERCEDES	
			AMS 226-B	PM-182
			FINISH & SPEC. NO.	

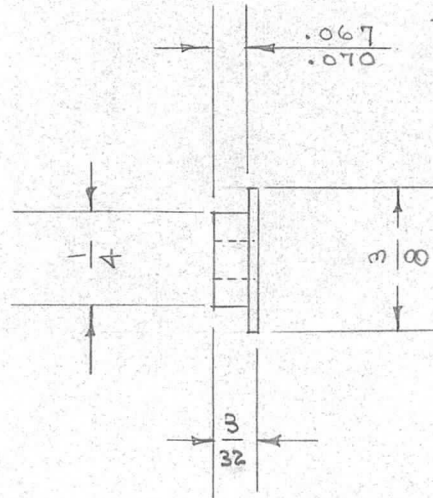
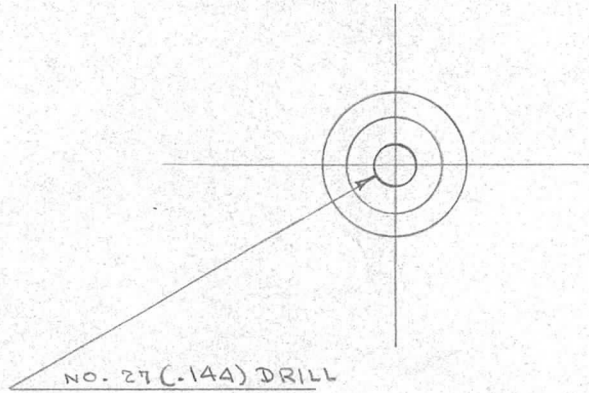
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE — # —				
ALL OTHERS	DEC. DIM. ± .005 FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-183 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

QTY PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
4	A-1000	101	A-336	
1	PM-183			1-17-54



NOTE:

Should Be A Minimum of .003 Larger Than Thickness of Free Gear Dwg GR-110

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		3/8 Dia	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		STEEL	SPACER	
		MATERIAL		
		WEIGHT PER PC.		
		STAINLESS		
		TYPE & TEMPER	CDD 1-15-53	
		NO-303	DRAWN	AJT
		HEAT TREAT. SPEC.	ELEC. DES. APP.	WDC
		FINISH & SPEC. NO.	CHECKED	AJT
			FINAL APPROVAL	WDC
			SUPERCEDES	
			AMS 224	
			PM-183	A

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	3/32 WAS 3/8	1/14/53	1	CDD	JAL	WDC

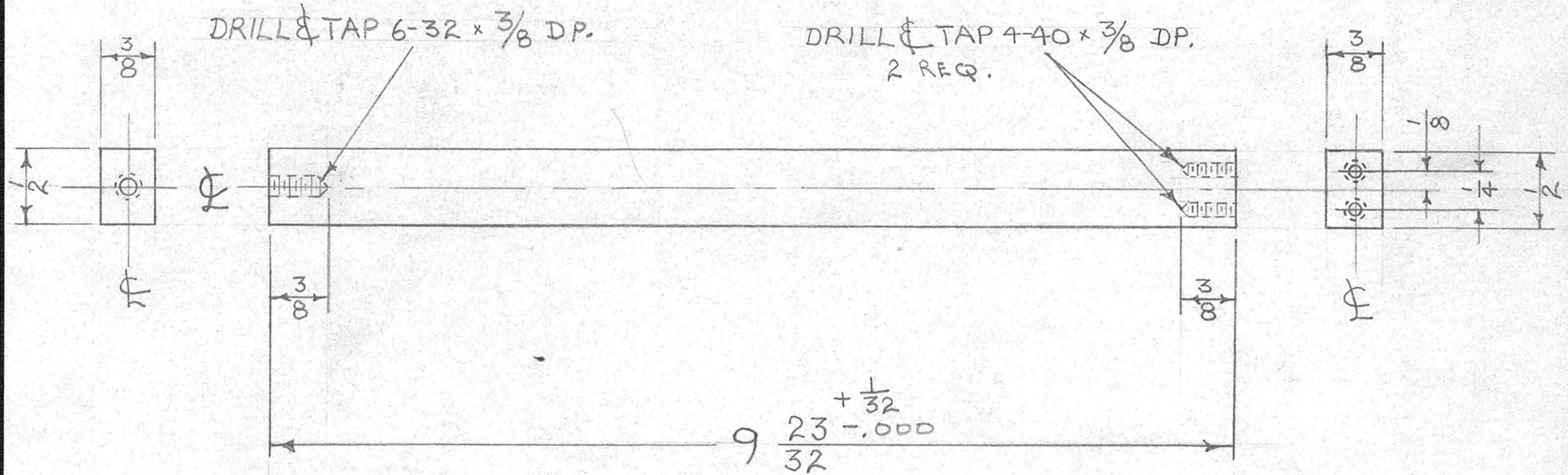
TOLERANCES	SCALE
DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-185

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	FFR-DP	104	A-334	1-15-53
1	FFR-DPH	333	A-854	10-19-54



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		$\frac{3}{8} \times \frac{1}{2}$	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		ALUM. $\frac{1}{4}$	CENTER BRACE	
		MATERIAL	WEIGHT PER PC.	
		24S-T4		
		TYPE & TEMPER		
			WJD 1-15-53	
			DRAWN	ELEC. DES. APP.
			JAD 1-22-53	A. J. J 1/15/54 WJC
			CHECKED	FINAL APPROVAL
		HEAT TREAT. SPEC.		
		S-101 CAUSTIC DIP		
		FINISH & SPEC. NO.		
				PM-185

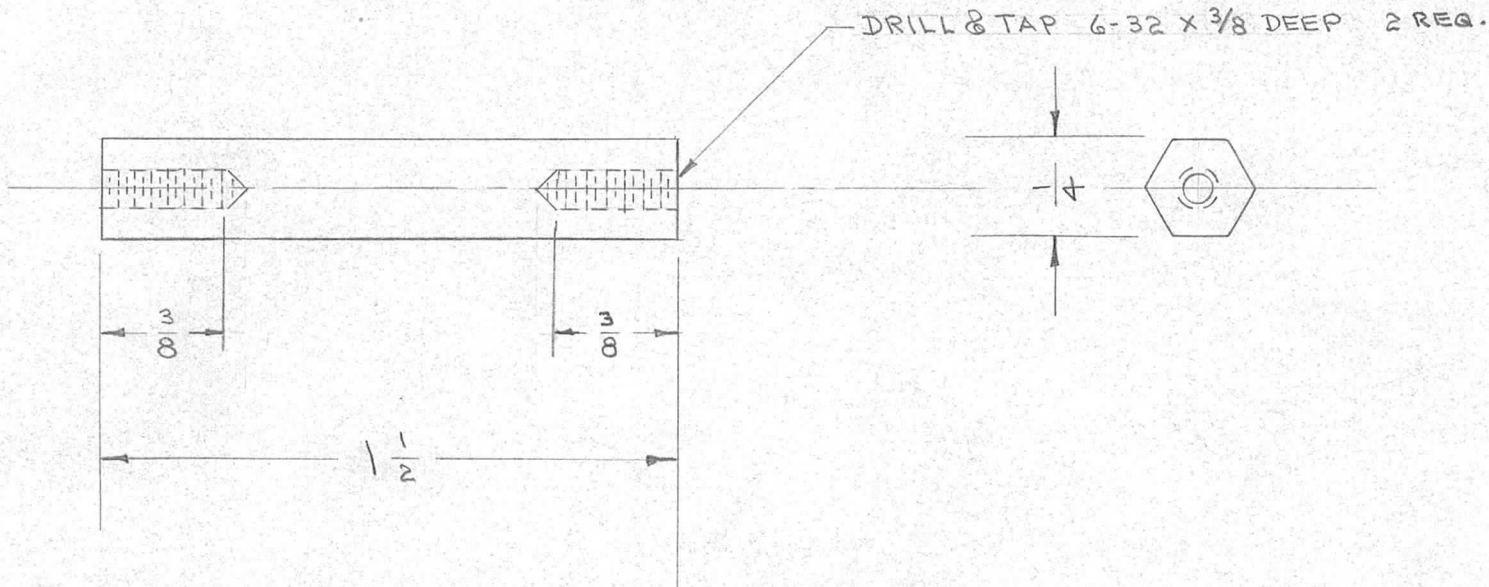
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE $\frac{1}{4}$				
ALL OTHERS	DEC. DIM. $\pm$	FRAC. DIM. $\pm \frac{1}{64}$	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-187

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
8	FFR-DP	104	A-334	1-21-53
8	FFR-DPH	333	A-854	10-19-54



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/4" HEXAGONAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
	ALUM.	—H—	SPACER	
	MATERIAL	WEIGHT PER PC.		
		175-T4		
		TYPE & TEMPER	C.D.D. 1-21-53	
		—H—	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	1-22-53	
		S-101 CAUSTIC DIP.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		PM-187

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-189

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT

USED ON

MODEL

PROJECT NO.

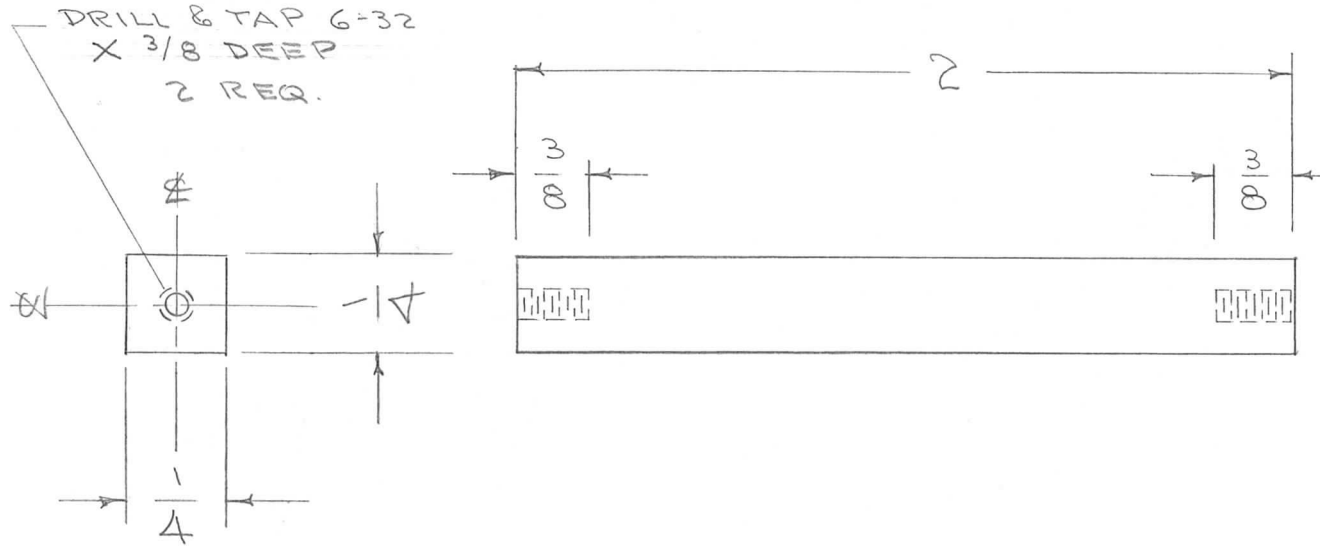
ASS'Y. NO.

DATE

1

DCU

8-30-55



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/4 X 1/4	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK. NEW YORK	
	BRASS	—H—	SPACER, BTM. COVER	
		MATERIAL WEIGHT PER PC.	DCU	
		FREE TURNING		
		TYPE & TEMPER	CAD. 8/30/55	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
		HEAT TREAT. SPEC.		
		3-105 CAD. PLATE		
		.0002		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
#	#	REDRAWN	8/30/55	—H—	CAD	JAW	W

TOLERANCES	SCALE
ALL OTHERS DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

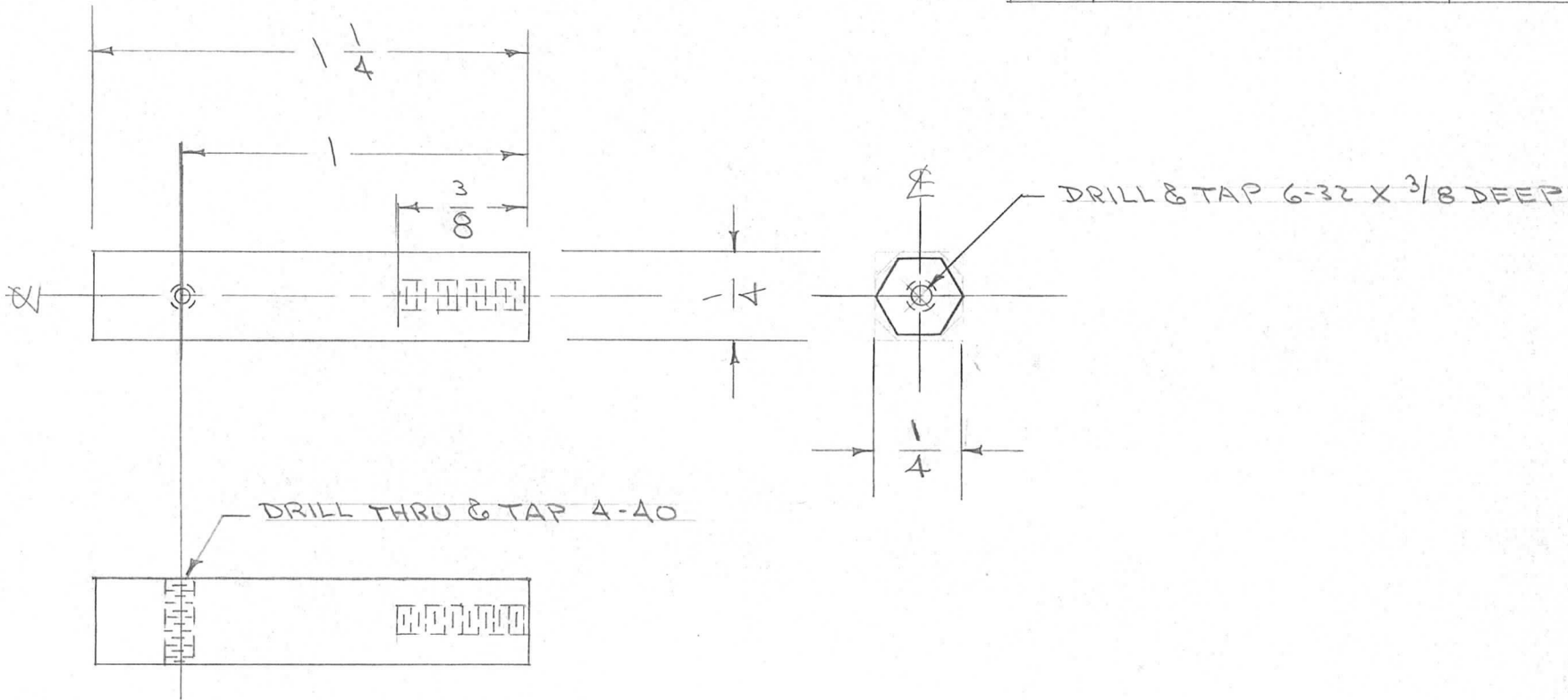
PM-189

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-191 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
9	DVM			8-29-55



ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	1/4 HEX. WAS 1/4 BAR	5/3/57	2	JC.	JAL	AW
+	+	REDRAWN	8/30/55	+	CSO	JAL	AW

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	1/4	HEX.	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK, NEW YORK	
	ALUMINUM	—H—	SUPPORT, TERM. BOARD	
		MATERIAL	DVM	
		WEIGHT PER PC.		
		24 ST 3		
		TYPE & TEMPER	CD. 8/30/55	
		H		
		HEAT TREAT. SPEC.		
		S-101 CAUSTIC DIP		
		FINISH & SPEC. NO.		

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± Y64 ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN: JAL  
 ELEC. DES. APP.: A.J.J.  
 MECH. DES. APP.: WJ  
 CHECKED: JAL  
 FINAL APPROVAL: A.J.J.  
 PM-191 A

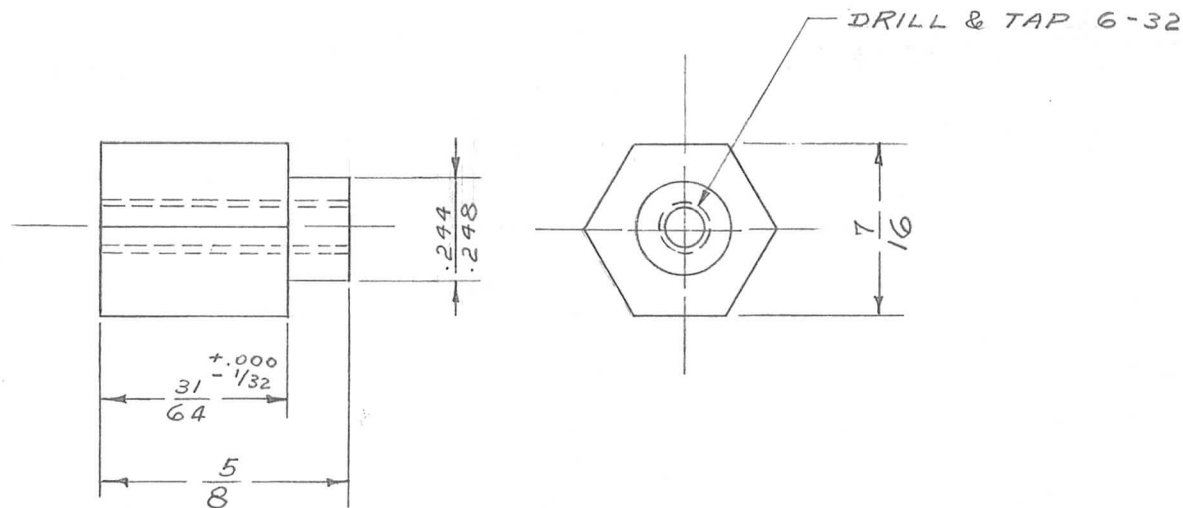


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-195 A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
2	VOX	101		1-24-55
2	VOX-1-2	291		1-24-55



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	HEX ROD		THE TECHNICAL MATERIEL CORP.	
	STOCK SIZE		MAMARONECK, NEW YORK	
	BRASS	—#—	PIVOT STUDS	
	MATERIAL	WEIGHT PER PC.		
	FREE TURNING			
	TYPE & TEMPER		P.B. 1-24-55	
	—#—		DRAWN	ELEC. DES. APP. MECH. DES. APP.
	HEAT TREAT. SPEC.		1-24-55	
	S-105 CADMIUM PLATE		CHECKED	FINAL APPROVAL
	.0002			
	FINISH & SPEC. NO.			

#	#	REDRAWN NO CHANGE	#	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES	SCALE	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
DEC. DIM. $\pm$ FRAC. DIM. $\pm$ $\frac{1}{64}$ ANGULAR DIM. $\pm$		

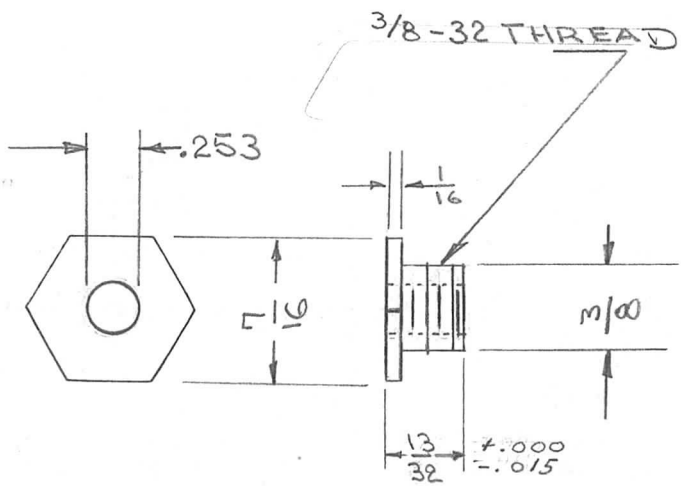
PM-195 A

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-196 B

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	VOX		A-631	11-23-54
3	RSC-2			11-23-54



NOTE  
 TO BE SUPPLIED BY MFR.  
 ONE HEX. NUT, 3/8-32 THREAD, 3/32 THICK  
 7/16 ACROSS FLATS.  
 TMC EQUIV. NTH 3732 BNIG - NUT, HEX.

NOTE  
 DIM. SHOWN ARE AFTER PLATING

B	2	DIM. ADDED	12/24/56	2	MIC	JINDE	ALLO
	1	FINISH WAS CADMIUM PLATED	11-23-54	1	P.B.	JARRETT	
A	1	REDRAWN					

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE					
ALL OTHERS	DEC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
	FRAC. DIM. ±						
	ANGULAR DIM. ±						

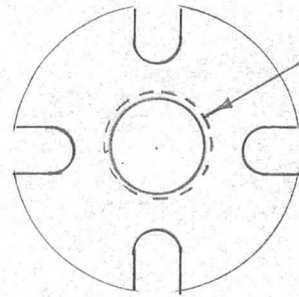
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		11	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		BRASS	CALIBRATE CONTROL	
			PANEL BEARING	
			P.B. 11-23, 54.	
			DRAWN	MECH. DES. APP.
			CHECKED	FINAL APPROVAL
		NICKEL PLATE S-135	SUPERSEDES AMS 377	PM-196 B

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-197

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
2	VOX	101	A-427	3-4-53



DRILL AND TAP 1/4 X 20 RIGHT HAND THREAD CLASS 2 FIT

MODIFICATION OF PM-225

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	PLATE, LOCKING	
		MATERIAL	MODIFIED	
		WEIGHT PER PC.		
		TYPE & TEMPER	C.D.D. 3-4-53	
		HEAT TREAT. SPEC.	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		FINISH & SPEC. NO.	CHECKED	FINAL APPROVAL

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

PM-197

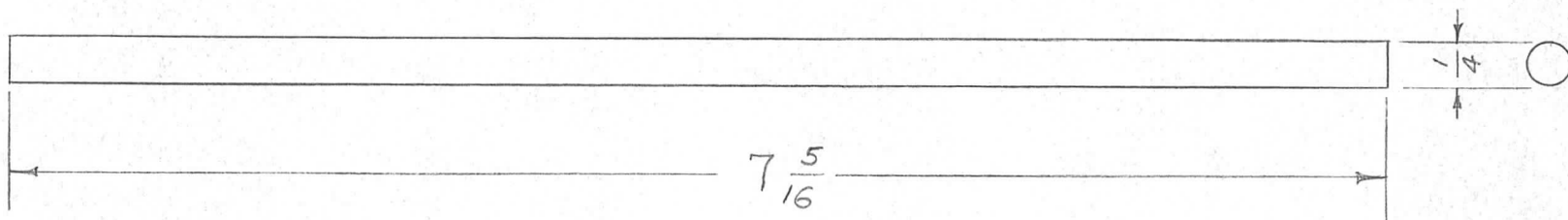


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

PM-199

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	VOX	101		2-3-55
1	VOX 1,2	291		2-3-55
1	VOX-3,4,5			2-26-62



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		1/4 x 7 5/16 ROD	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK. NEW YORK	
		BRASS	R.F. CONDENSER EXT. SHAFT	
		MATERIAL	VOX	
		WEIGHT PER PC.		
		TYPE & TEMPER		
		HEAT TREAT. SPEC.		
		FINISH & SPEC. NO.		

#	#	NO CHANGE, REDRAWN	2-3-55	#	P3	JAID	WCE
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
CHECKED	FINAL APPROVAL	
	PM-199	