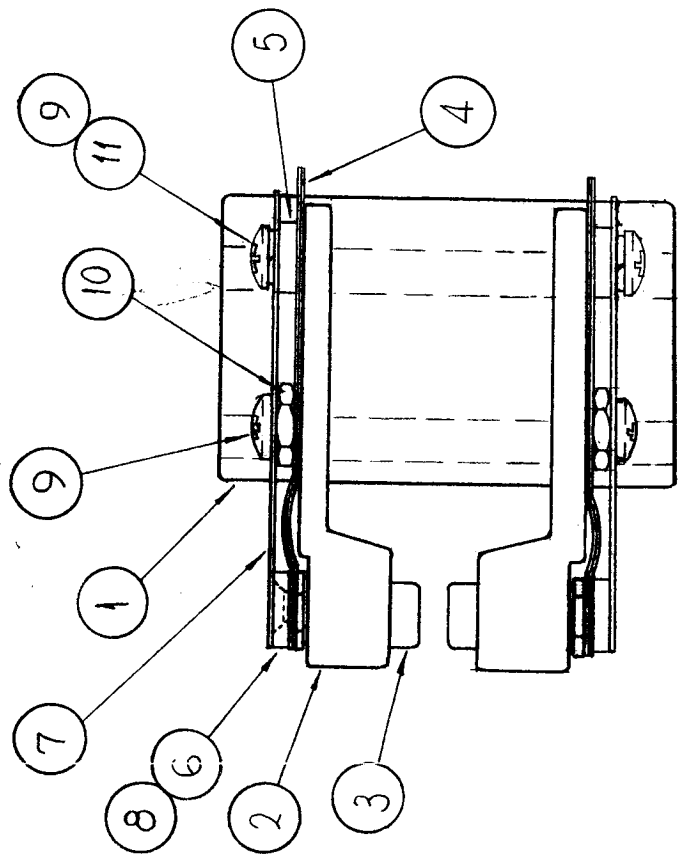


REQ. PER UNIT	USED ON	MODEL	ASSY. NO.	DATE
2	GPT-200K	AS-123	4-1-64	AX-500 0



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2	LW510MRP	LOCKWASHER, SPRING TYPE	
2	NTH1032BP12	NUT, HEX	
4	SCBP1032BP14	SCREW, MACHINE	
2	SCFP1032BP8	SCREW, MACHINE	
2	MS-2630-2	SPRING, PRESSURE	
2	PM-704	SPACER	
2	PM-699	BAR-TIE-DOWN	
4	MS-2629-2	CONTACT	
2	PM-702	SLUG, CONTACT	
2	PM-735	BAR, SUPPORT CONTACT	
1	PM-1006	POST, SUPPORT RETAINER	
	F.BUDETTI	DESCRIPTION	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CONTACT ASSY	
TYPE & TEMPER	HEAT TREAT. SPEC.
SRG	AA-23
DRAWN	CHECKED
DBS	AG 1/9/64
ELEC. DES. APP. MECH. DES. APP.	
FINISH & SPEC. NO.	
AX-500 0	
FINAL APPROVAL	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
0	ORIGINAL RELEASE	5.16.64			ATB	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE		1" = 1"		
TOLERANCES		FRACTIONS		CODE		
X ± .05		± 1/64				
XX ± .01		ANGLES				
XXX ± .005		± 0° 30'				

SYMBOL(S)	ITEM NO.	USED TO MOUNT	QTY	USED ON		
				REQ. PER UNIT	MODEL	ASSY. NO.
				1	AX524/VLRR-1	AX540
						DATE
						4/20/65
						AX524

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
3	WL100-5	WIRE, ELEC, BUSS-SZ 18	
1	TT212	XFMR, RF..	
1	TT208	XFMR, RF..	
1	TT204	XFMR, RF..	
1	TE104-1	TERM., LUG-LKG	
2	SCBP0440BN10	SCR, MACH	
2	SCBP0440BN6	SCR, MACH	
2	SCBP0440BN5	SCR, MACH	
6	NTH0632BN8	NUT, PLN, HEX	
8	NTH0440BN6	NUT, PLN, HEX	
1	MS4062	CHAN, BD RET	
1	MS4061	CHAN, BD RET	
6	LWE06MRN	WASH., LK, EXT	
7	LWE04MRN	WASH., LK, EXT	
1	LD1667-1/MS4063	CHAS, RF	
1	JJ293-22SFE	CONN, RECP, FML, PC	
1	CA948	WRG HARN, BRCHD	
1	BS100	SOLDER, TIN ALY	

THE TECHNICAL MATERIEL CORP. MAMARONECK. RF MODULE, BAND 3	
4-27-65 ENG COORD	4-27-65 CHECKED
RF MODULE, BAND 3	
MATERIAL	
4-27-65 ENG COORD	4-27-65 CHECKED
TYPE & TEMPER HEAT TREAT. SPEC.	
DRAWN	
MECH. DES. APP.	
FINISH & SPEC. NO.	
AX524	

ORIGINAL RELEASE FOR PRODUCTION DESCRIPTION
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
 TOLERANCES
 DECIMALS
 .X ± .05
 .XX ± .01
 .XXX ± .005
 FRACTIONS
 ± 1/64
 ANGLES
 ± 0° 30'
 SCALE
 DATE
 CH. NO.
 DRAFTS
 CHECKER
 ENG. APP.
 CODE
 TMC FORM 108-A
 REPROVAL NO. 440H
 23845

REQ. PER UNIT	USED ON	
	MODEL	DATE
1	VLRB-1	AX540
		AX525

SYMBOL(S)	ITEM NO.	USED TO MOUNT	QTY
J209	3		
	5	CA948(JJ321-7)	1
		JJ293	2
		MS4061	2
		MS4062	2
	6	TT205	2
		TT209	2
		TT213	2
	9	CA948(JJ321-7)	2
		JJ293	2
		MS4061	2
		MS4062	2
	10	TT205	2
		TT209	2
		TT213	2
	11	CA948(JJ321-7)	2
	12	MS4061	2
		MS4062	2
	13	JJ293	2
	14	CA948(JJ321-7)	1
T707	15		
T708	16		
T709	17		
	18	JJ293 WRG	3

3	18	WL100-5	WIRE, ELEC, BUSS-SZ 18
1	17	TT213	XFMR, RF
1	16	TT209	XFMR, RF
1	15	TT205	XFMR, RF
1	14	TE104-1	TERM., LUG-LKG
2	13	SCBP0440BN10	SCR, MACH
4	12	SCBP0440BN6	SCR, MACH
2	11	SCBP0440BN5	SCR, MACH
6	10	NTH0632BN8	NUT, PLN, HEX
8	9	NTH0440BN6	NUT, PLN, HEX
1	8	MS4062	CHAN, BD RET
1	7	MS4061	CHAS, BD RET
6	6	LWE06MRN	WASH., LK, EXT
7	5	LWE04MRN	WASH., LK, EXT
1	4	LD1667-2/MS4063	CHAS, RF
1	3	JJ293-22SFE	CONN, RECP, FML, PC
1	2	CA948	WRG HARN, BRCHD
	1	BS100	SOLDER, TIN ALY

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		RF MODULE, BAND 4	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
RF MODULE, BAND 4			
MATERIAL			
STOCK SIZE			
TYPE & TEMPER			
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			
DRAWN			
CHECKED			
MECH. DES. APP.			
ELEC. DES. APP.			
MECH. DES. APP.			
AX525			

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIGINAL RELEASE FOR PRODUCTION	4-30-65		CJL		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES						
TOLERANCES						
DECIMALS						
.X ± .05						
.XX ± .01						
.XXX ± .005						
FRACTIONS						
± 1/64						
ANGLES						
± 0° 30'						
SCALE						
CODE						

SYMBOL(S)	ITEM NO.	USED TO MOUNT	QTY	USED ON		REQ. PER UNIT	MODEL	ASS'Y. NO.	DATE
				VLRB-1	AX540				
J210	3					1			AX526

5	CA948(JJ321-7)	1
	JJ293	2
	MS4061	2
	MS4062	2
6	TT206	2
	TT210	2
	TT214	2
9	CA948(JJ321-7)	2
	JJ293	2
	MS4061, MS4062	2,2
10	TT206	2
	TT210	2
	TT214	2
11	CA948(JJ321-7)	2
12	MS4061	2
	MS4062	2
13	JJ293	2
14	CA948(JJ321-7)	1
15		
16		
17		
18	JJ293 WRG	3

3	18	WL100-5	WIRE, ELEC, BUSS-SZ 18
1	17	TT214	XFMR, RF
1	16	TT210	XFMR, RF
1	15	TT206	XFMR, RF
1	14	TE104-1	TERM., LUG-LKG
2	13	SCBP0440BN10	SCR, MACH
4	12	SCBP0440BN6	SCR, MACH
2	11	SCBP0440BN5	SCR, MACH
6	10	NTH0632BN8	NUT, PLN, HEX
8	9	NTH0440BN6	NUT, PLN, HEX
1	8	MS4062	CHAN, BD RET
1	7	MS4061	CHAN, BD RET
6	6	LWE06MRN	WASH., LK, EXT
7	5	LWE04MRN	WASH., LK, EXT
1	4	LD1667-3/MS4063	CHAS, RF
1	3	JJ293-22SFE	CONN, RECP, FML, PC
1	2	CA948	WRG HARN, BRCHD
	1	BS100	SOLDER, TIN, ALY

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		RF MODULE, BAND 5	
THE TECHNICAL MATERIEL CORP. MAMARONECK.			
STOCK SIZE			
MATERIAL			
TYPE & TEMPER HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			
ORIGINAL RELEASE FOR PRODUCTION		DATE 4-30-65	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'	
TOLERANCES		CODE	
CHECKER		ENG. APP.	
DRAFTS		CH. NO.	
ORIGINAL RELEASE FOR PRODUCTION		DATE 4-30-65	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'	
TOLERANCES		CODE	
CHECKER		ENG. APP.	
DRAFTS		CH. NO.	
ORIGINAL RELEASE FOR PRODUCTION		DATE 4-30-65	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'	
TOLERANCES		CODE	
CHECKER		ENG. APP.	
DRAFTS		CH. NO.	

W. J. G. C. B. U. L.
 4-27-65
 4-27-65
 FINAL APPROVAL
 AX526

SYMBOL(S)	ITEM NO.	USED TO MOUNT	QTY	USED ON		AX546	A
				MODEL	DATE		
				AX546	4/20/65		

REQ. PER UNIT	1
MODEL	AX546
ASSY. NO.	
DATE	4/20/65

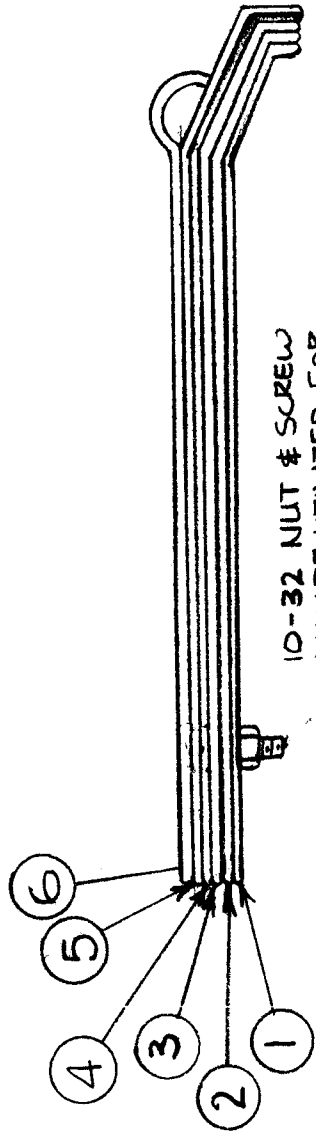
NOTE: AX 546 WIRED IN ACCORDANCE WITH CK 913 (KIT 215,216).
 AX 546-2 WIRED IN ACCORDANCE WITH CK 1055 (KIT 270).

SYMBOL(S)	ITEM NO.	USED TO MOUNT	QTY
	9	A2937	3
	10	A4170-4	2
	13	A2937	3
	14	A4170-4	2

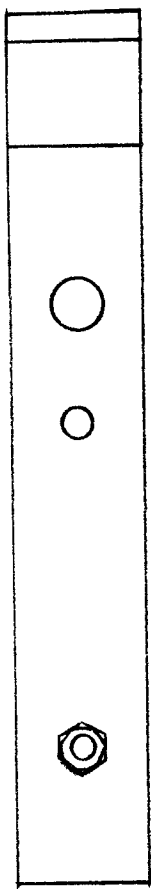
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
7	WL100-7	WIRE, ELEC, BUSS	
2	SCBP0632BN3	SCR, MACH	
3	SCBP0440BN3	SCR, MACH	
	DELETED		
5	PX104-1-034	INS SLVG-SZ 20-BLK	
2	LWE06MRN	WASH, LK, EXT	
3	LWE04MRN	WASH, LK, EXT	
1	DELETED		
1	DELETED		
1	CA1021	WRG HARN, BRCHD	
1	CA1020	WRG HARN, BRCHD	
4	BS100	SOLDER, TIN ALY	
1	A4170-4	TERM. BD, FNL ASSY	
1	A2937	BRKT ASSY, REL	
1	A2936	CHAS ASSY, MAIN	

SUBEITY		DESCRIPTION		SYMBOL	
THE TECHNICAL MATERIEL CORP.		MAMARONECK.		NEW YORK	
CHASSIS ASSEMBLY, SWITCHOVER					
4-27-65	ENG COORD	Y. Goble	4-27-65	4-27-65	5/4/65
DRAWN	CHECKED				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.	
				AX546	

REQ. PER UNIT	USED ON	DATE
1	ASSY. NO.	4-13-65
	MODEL	
	TSTE-10K	
	AX 572	Ø



10-32 NUT & SCREW
MAY BE UTILIZED FOR
STOCKING & SHIPPING
ONLY



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	MS1602	PLATE, PRESSURE	
1	MS1601-10	CONTACT, ELECTRICAL	
1	MS1601-9	CONTACT, ELECTRICAL	
1	MS1601-8	CONTACT, ELECTRICAL	
1	MS1601-7	CONTACT, ELECTRICAL	
1	MS1601-6	CONTACT, ELECTRICAL	
		F. BUDETTI DESCRIPTION	
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		CONTACT ASSY, ELECTRICAL	
		DA	9/25/66
		DRAWN	9/25/66
		CHECKED	9/25/66
		FINAL APPROV	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		MATERIAL	
		STOCK SIZE	
		FINISH & SPEC. NO.	AX 572
		ELEC. DES. APP.	
		MECH. DES. APP.	
		ML 28 6/17/66	

ORIGINAL RELEASE FOR PRODUCTION 9/17/66

ITEM 6 ADDED

DATE 9/17/66

CH. NO.

DRAFTS

CHECKER DA

ENG. APP.

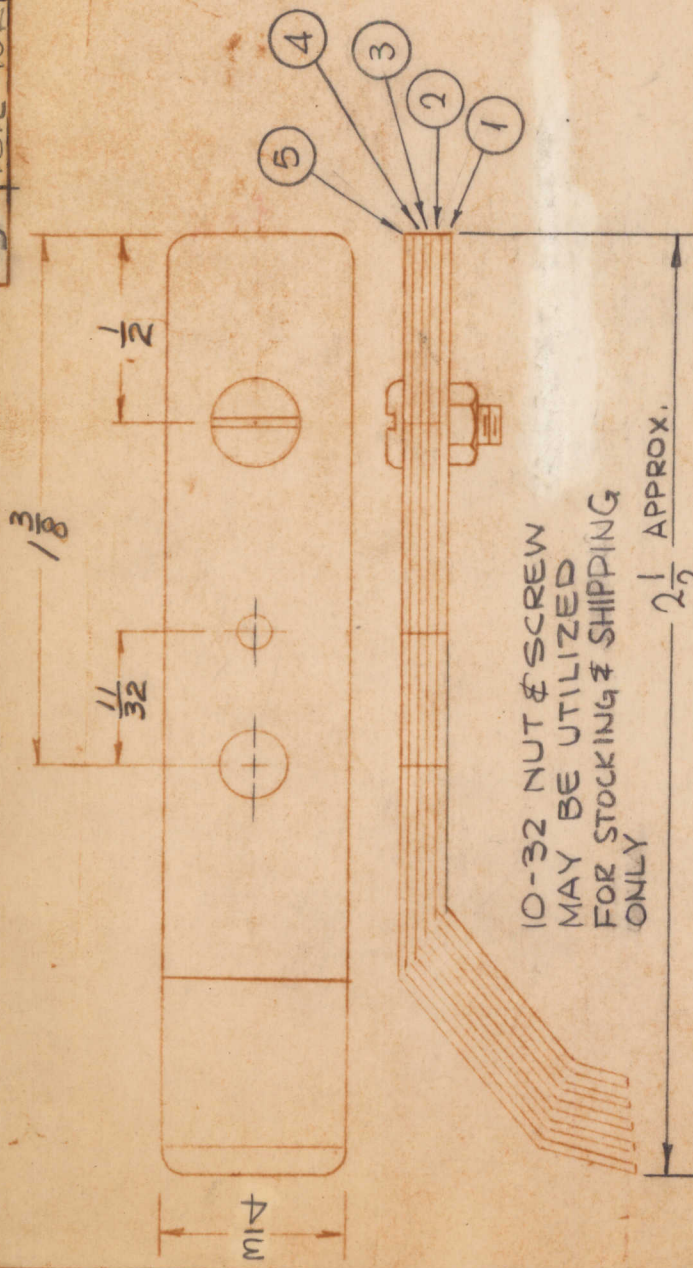
SCALE:

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

DEC. DIM. ±

FRAC. DIM. ±

ANGULAR DIM. ±



NOTE:

CONTACT FINGERS MUST
BE INSTALLED IN MATCHED
PAIRS AS FURNISHED

MAT'L - BERYLLIUM COPPER
FIN. : SILVER PLATE
RHODIUM PLATE

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2 5	MS4513-5	CONTACT, ELECTRICAL	
2 4	MS4513-4		
2 3	MS4513-3		
2 2	MS4513-2		
2 1	MS.4513-1	CONTACT, ELECTRICAL	

F. BUDETTI
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
CONTACT ASSY, ELECTRICAL

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø		6/17/66		CV		
X2		8/27/65	X2	HQ	QA	
X1		4-15-65	X1	SEG		

ORIGINAL RELEASE FOR PRODUCTION
WAS 2 REQ PER UNIT
BUILD-UP ADDED

SCALE: *CR*

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

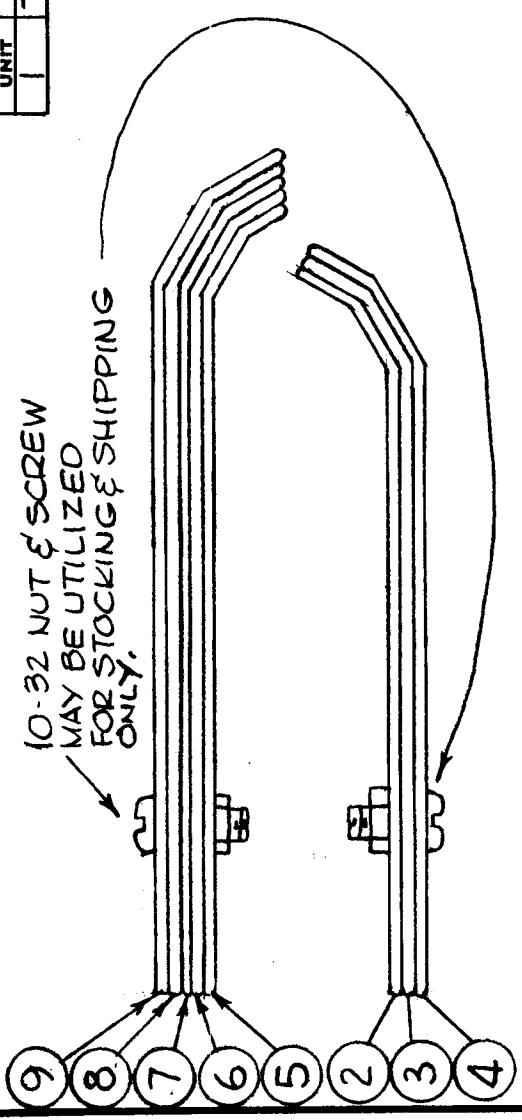
TYPE & TEMPER	HEAT TREAT. SPEC.	FINISH & SPEC. NO.
see 10-15/66	see 10-15/66	AX513

DRAWN: *CR* CHECKED: *CR* FINAL APPROVAL: *CR*

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

AX 574 \emptyset

REQ. PER UNIT	MODEL	USED ON
	TST-10K	ASSY. NO.
		DATE



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	9	MS1601-10	CONTACT, ELECTRICAL
1	8		
1	7		
1	6		
1	5		
1	4		
1	3		
1	2	MS1601-3	CONTACT, ELECTRICAL
1	1	DELETED	

THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	CONTACT ASSY, ELECTRICAL			
TYPE & TEMPER	HEAT TREAT. SPEC.			
FINISH & SPEC. NO.				
DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
12/17/68	10			
1/23/65	X1			
DESCRIPTION	SCALE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		
ORIGINAL RELEASE FOR PRODUCTION		TOLERANCES		
ITEM 1 WAS MS 1602		FRACTIONS		
		DECIMALS		
		X \pm .05		
		XX \pm .01		
		XXX \pm .005		
		ANGLES \pm 1/64		
		ANGLES \pm 0° 30'		