

STANDARD DRAWING

F
 NS01, NS02, NS03, NS04, NS06

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

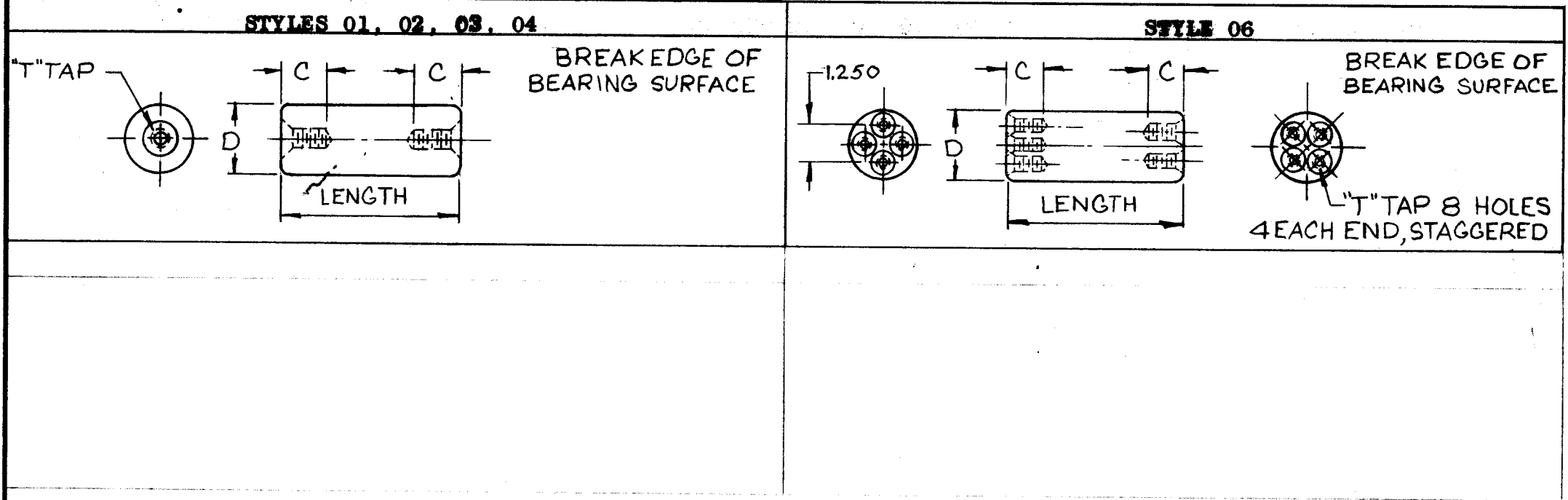
BASIC TYPE & STYLE	DIA. "D."	THREAD SIZE "T"	MINIMUM USABLE THREADS	DIMENSION "C"										
				APPROXIMATE THREAD DEPTH FOR LENGTH OF										
				1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	OVER 1-1/2	
NS3W01 --	3/8	6-32	6	3/16	3/16	1/4	N/A	3/8	N/A	3/8	N/A	3/8	3/8	
NS3W02 --	1/2	8-32	6	3/16	3/16	1/4	N/A	3/8	N/A	3/8	N/A	3/8	3/8	
NS3W03 --	3/4	10-32	6	N/A	N/A	1/4	N/A	3/8	N/A	3/8	3/8	3/8	3/8	
NS3W04 --	1	1/4-20	6	N/A	N/A	N/A	N/A	7/16	N/A	7/16	N/A	1/2	5/8	
NS3W06 --	1-3/4	10-32	6	N/A	N/A	N/A	N/A	3/8	N/A	3/8	N/A	3/8	3/8	

SPECIFICATIONS
MATERIAL: THE CLASS & GRADE OF INSULATING MATERIAL SHALL BE IN ACCORDANCE WITH MIL-I-10, GRADE 422, CLASS E.
CONSTRUCTION: INSULATORS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF MIL-I-23264 AND AMENDMENTS (EXCEPT MARKING)
FINISH: FINISH SHALL BE WHITE GLAZE

TMC PART NO. TO BE IN THE FOLLOWING FORM

NS3W04 16
 BASIC TYPE & STYLE LENGTH
 (SEE CHART) (IN EIGHTHS OF AN INCH)
 ALWAYS USE TWO DIGITS IF LESS THAN 10/8 (1-1/4")
 PREFIX WITH "0"
 EXAMPLE: 3/4" LG. -6/8- CODE "00"

NOTE: N/A INDICATES "NOT AVAILABLE"



DIELECTRIC LOSS FACTOR: 0.016 MAX.
 DIELECTRIC STRENGTH: 200-249, INCL
 FLEXURAL STRENGTH: 12,000-19,900 INCL

PURCHASING NOTE:
 PURCHASING SHALL TAKE SPECIAL PRECAUTIONS THAT THE GRADE OF THE MATERIAL (422) IS SPECIFIED ON ALL ORDERS.

F	STYLE CHART UPDATED. DIELECTRIC LOSS... "ADD" PURCHASING NOTE ADD.	10-26-64	12671	J.L.	G.L.	J.
E	CODE S-401-69 ADDED	8-26-63	9833	HC	DB	DB
D	REDRAWN AND REVISED	7-12-63	9598	NY	NY	NY
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE: S-401-69				
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
TOLERANCES ON		REQ. PER UNIT				
FRACT. ONS ± 1/64		MODEL				
DECIMALS ± .005		SECTION				
ANGLES ± 1/2°		ASS'Y. NO.				
		DATE				
		USED ON				

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	SEE SPEC.		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE			
	SEE SPEC.		INSULATOR, STANDOFF, ROUND	
	MATERIAL			
			D. Chinn... 7-12-63	YFH 7-18-63
	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
	SEE SPEC.			
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	NS01, NS02, NS03 NS04, NS06

NS01, NS02, NS03, NS04, NS06

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				1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	OVER 1-1/2	
NS3W01 --	3/8	6-32	6	3/16	3/16	1/4	N/A	3/8	N/A	3/8	N/A	3/8	3/8	
NS3W02 --	1/2	8-32	6	3/16	3/16	1/4	N/A	3/8	N/A	3/8	N/A	3/8	3/8	
NS3W03 --	3/4	10-32	6	N/A	N/A	1/4	N/A	3/8	N/A	3/8	3/8	3/8	3/8	
NS3W04 --	1	1/4-20	6	N/A	N/A	N/A	N/A	7/16	N/A	7/16	N/A	1/2	5/8	
NS3W06 --	1-3/4	10-32	6	N/A	N/A	N/A	N/A	3/8	N/A	3/8	N/A	3/8	3/8	

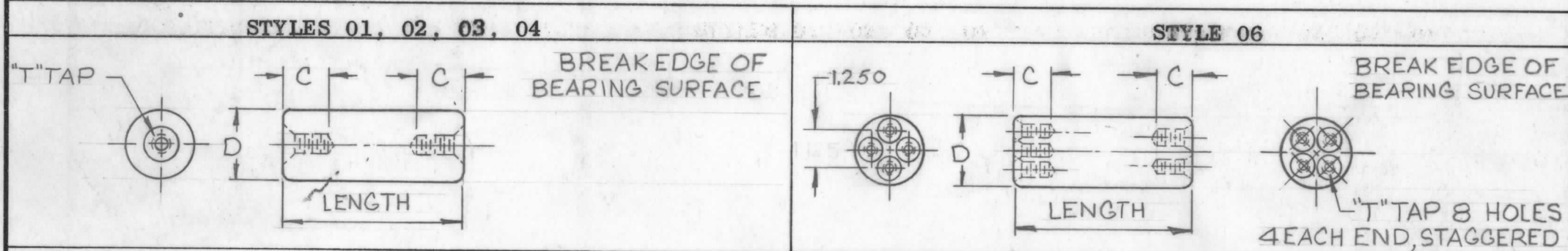
SPECIFICATIONS
MATERIAL: THE CLASS & GRADE OF INSULATING MATERIAL SHALL BE IN ACCORDANCE WITH MIL-I-10, GRADE 422, CLASS L.
CONSTRUCTION: INSULATORS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF MIL-I-23264 AND AMENDMENTS (EXCEPT MARKING)
FINISH: FINISH SHALL BE WHITE GLAZE

TMC PART NO. TO BE IN THE FOLLOWING FORM

NS3W04 16

BASIC TYPE & STYLE LENGTH
 (SEE CHART) (IN EIGHTHS OF AN INCH)
 ALWAYS USE TWO DIGITS.
 IF LESS THAN 10/8 (1-1/4")
 PREFIX WITH "0"
 EXAMPLE: 3/4" LG. = 6/8 =
 CODE "06"

NOTE: N/A INDICATES "NOT AVAILABLE"



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F	STYLE CHART UPDATED.	10-26-64	12671	J.L.	G.L.	J.C.
E	"DIELECTRIC LOSS...ADD" PURCHASING NOTE ADD.	8-26-63	9833	MC	DB	DB
D	CODE S-401-69 ADDED	7-12-63	9598	NY	NY	NY
D	REDRAWN AND REVISED					

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°
 SCALE: S-401-69
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
 REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
SEE SPEC.		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE			
SEE SPEC.		INSULATOR, STANDOFF, ROUND	
MATERIAL			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
SEE SPEC.			
FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	NS01, NS02, NS03 NS04, NS06