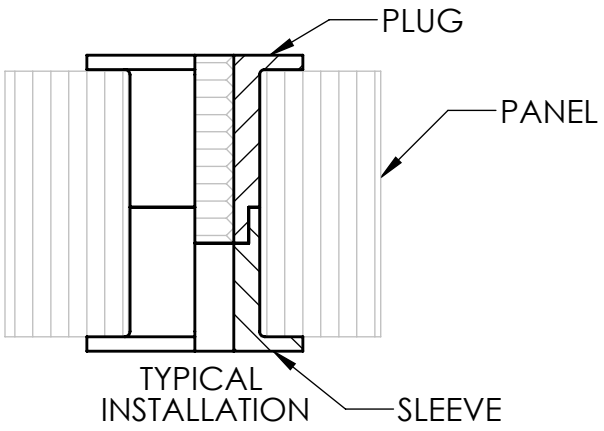
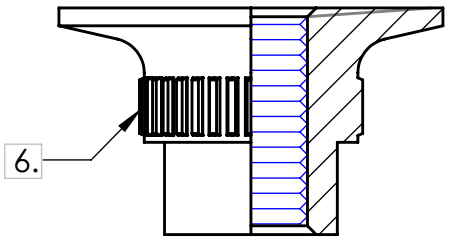
W106 THIN SERIES

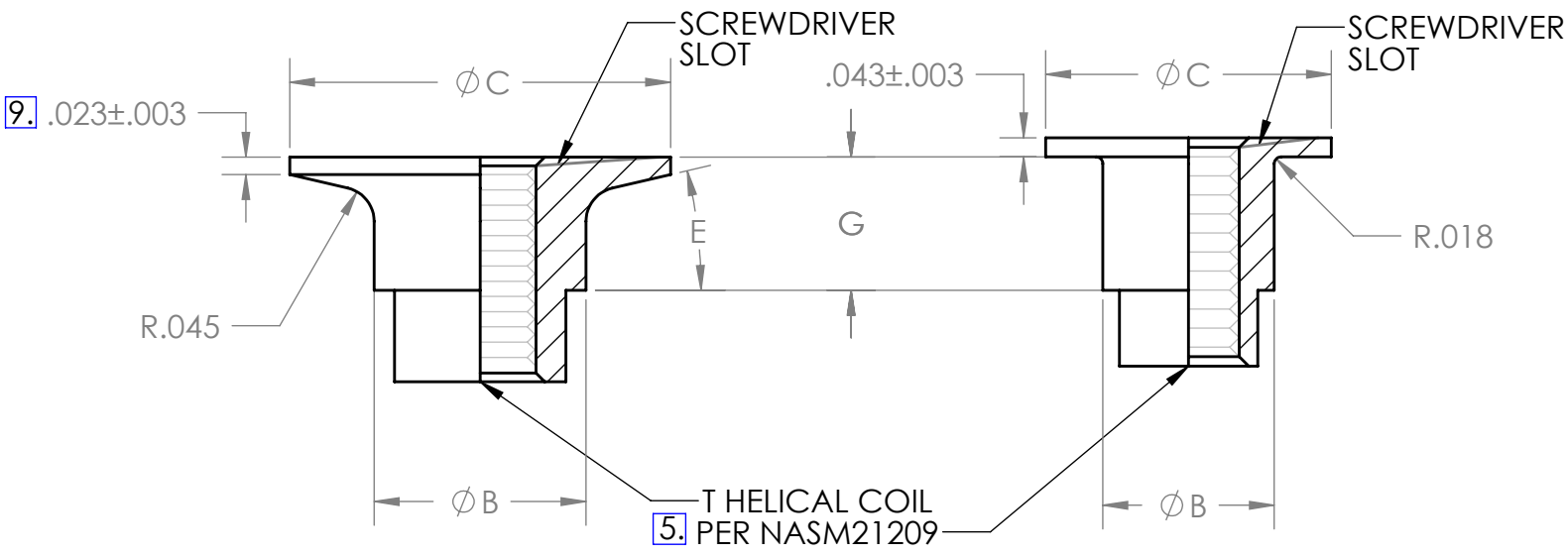
INSERT: GROMMET TYPE, THREADED, SELF-LOCKING, HELICAL COIL, THIN PANEL



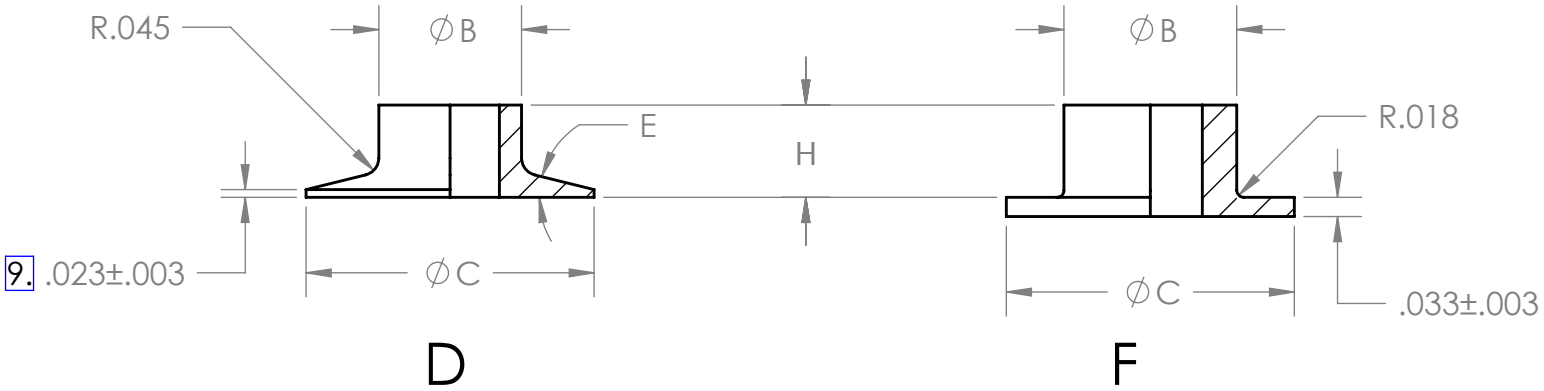
TYPICAL INSTALLATION



OPTIONAL ANTIROTATION KNURL CONFIGURATION



PLUG HEAD STYLES



SLEEVE HEAD STYLES

WITTEN COMPANY
918-272-9567

APPROVAL DATE: REV:A 11/10/2020

GAGE CODE: 0JHK5

W106 THIN SERIES

INSERT: GROMMET TYPE, THREADED, SELF-LOCKING, HELICAL COIL, THIN PANEL

PART NUMBER CODING:

WP106D832-06K

WS106D 8 -11

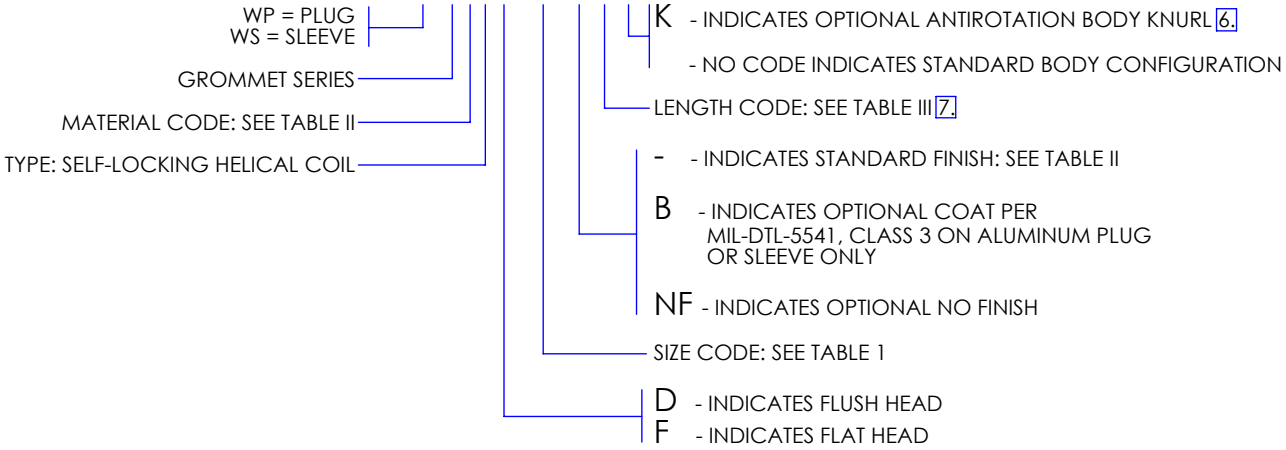


TABLE I

SIZE CODE		T	ØB ±.003	ØC	E	INSTALLATION HOLE Ø
PLUG	SLEEVE	THREAD CLASS 3B				
632	6	.1380-32UNJC	.309	.500	13°	.323
832	8	.1640-32UNJC	.309	.500	13°	.323
1032	10	.1900-32UNJF	.341	.625	13°	.358
428	25	.2500-28UNJF	.403	.750	14°	.421
524	31	.3125-24UNJF	.497	.875	14°	.515

TABLE II

MATL CODE	MATERIAL	FINISH
0	AL ALLOY, GRADE 2024, TEMPER T4 OR T351 PER SAE-AMS-QQ-A-225/6	COAT PER MIL-DTL-5541 CLASS 1A
6	CORROSION RESISTANT STEEL, TYPE 303 CRES PER ASTM A 582/582M	PASSIVATE PER ASTM-A967
9	CARBON STEEL PER ASTM A 108	CAD PLATE PER SAE- AMS-QQ-P-416, TYPE II, CLASS 2

NOTES:

1. DIMENSIONING AND TOLERANCING PRACTICES PER ASME Y14.5M-2018.
2. DIMENSIONAL LIMITS APPLY AFTER PLATING.
3. DEBURR AND BREAK ALL SHARP EDGES .005 - .015.
4. SURFACE TEXTURE: 125 MICROINCHES PER ASME B46.1-2019.
5. THREADS PER AS8879.
6. WHEN APPLICABLE, STRAIGHT OR DIAMOND KNURL ANTIROTATION KNURL ON PLUG ONLY (MANUFACTURER'S OPTION).
7. REFER TO TABLE III TO SELECT PLUG/SLEEVE COMBINATION FOR A GIVEN PANEL THICKNESS.
8. THE W106 THIN GROMMETS ARE SELF-RETAINED THROUGH A TELESCOPE FIT.
9. 'D' HEAD STYLE PARTS SPECIFIED WITH A 31 OR 524 SIZE CODE REQUIRE A FLANGE THICKNESS OF .033±.003.
10. CONSULT THE WITTEN COMPANY ENGEERING DEPARTMENT FOR OTHER FINISHES, MATERIALS, OR SIZES.

W106 THIN SERIES

INSERT: GROMMET TYPE, THREADED, SELF-LOCKING, HELICAL COIL, THIN PANEL

TABLE III (CONT.)

PANEL THICKNESS MINIMUM	SLEEVE H+.000/-.010				PLUG G+.000/-.010			
	LENGTH CODE	SIZE CODE 6,8,10	SIZE CODE 25	SIZE CODE 31	LENGTH CODE	SIZE CODE 632, 832, 1032	SIZE CODE 428	SIZE CODE 524
.250	0	.094	NA	NA	04	.151	NA	NA
.266	01	.109						
.281	1	.125						
.297	11	.140						
.312	2	.156						
.328	21	.171						
.344	3	.187						
.359	31	.202						
.375	0	.094	.094	NA	06	.281	.281	NA
.391	01	.109	.109					
.406	1	.125	.125					
.422	11	.140	.140					
.438	2	.156	.156					
.453	21	.171	.171					
.469	3	.187	.187					
.484	31	.202	.202					
.500	0	NA	.094	.094	08	NA	.401	.401
.516	01		.109	.109				
.531	1		.125	.125				
.547	11		.140	.140				
.562	2		.156	.156				
.578	21		.171	.171				
.594	3		.187	.187				
.609	31		.202	.202				
.625	0	NA	NA	.094	10	NA	NA	.526
.641	01			.109				
.656	1			.125				
.672	11			.140				
.688	2			.156				
.703	21			.171				
.719	3			.187				
.734	31			.202				
.750	0	NA	NA	.094	12	NA	NA	.651
.766	01			.109				
.781	1			.125				
.797	11			.140				
.812	2			.156				
.828	21			.171				
.844	3			.187				
.859	31			.202				