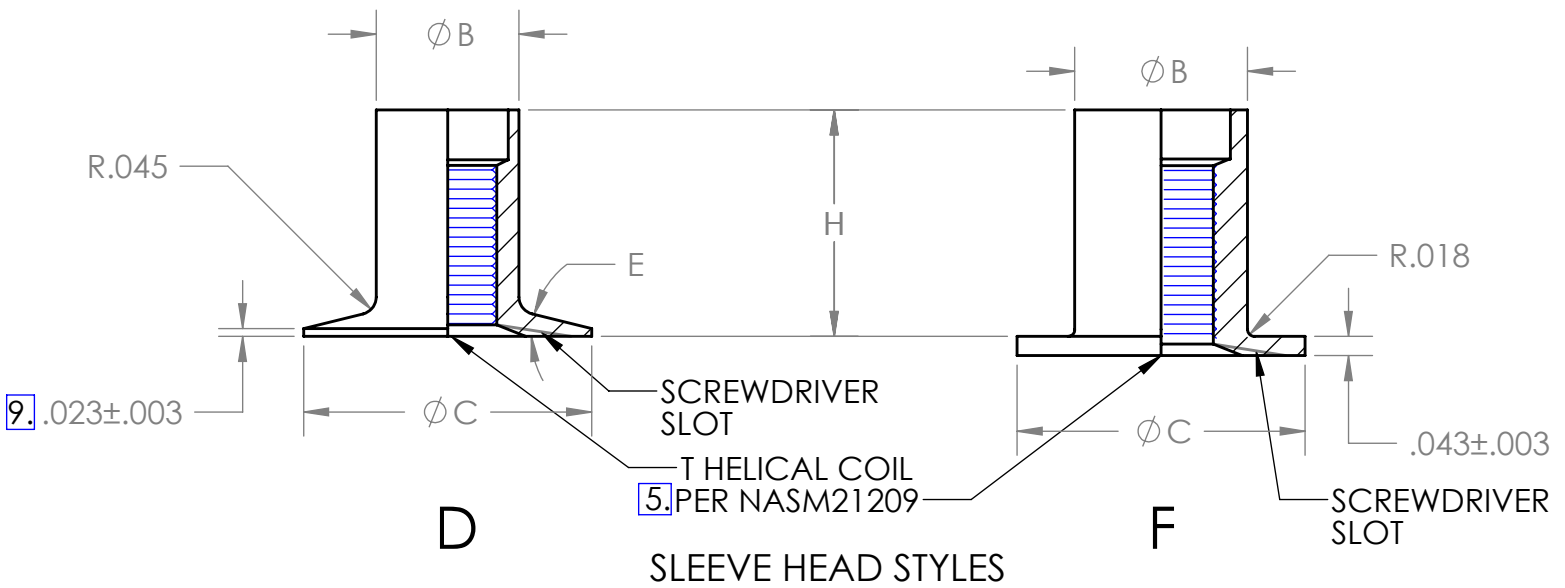
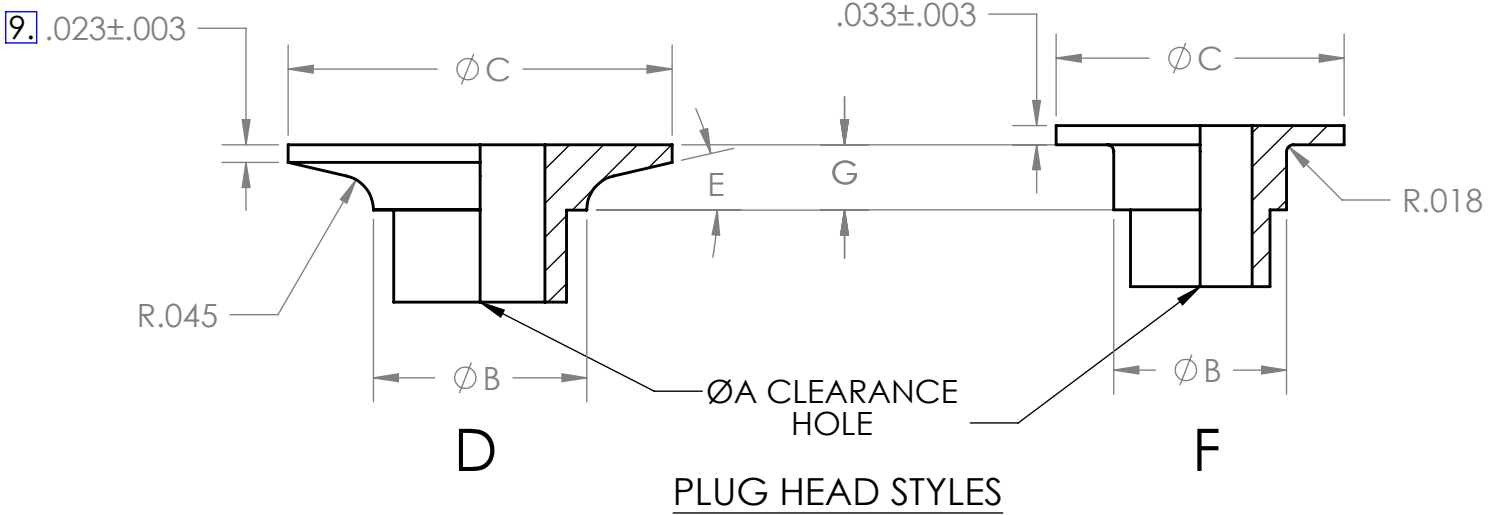
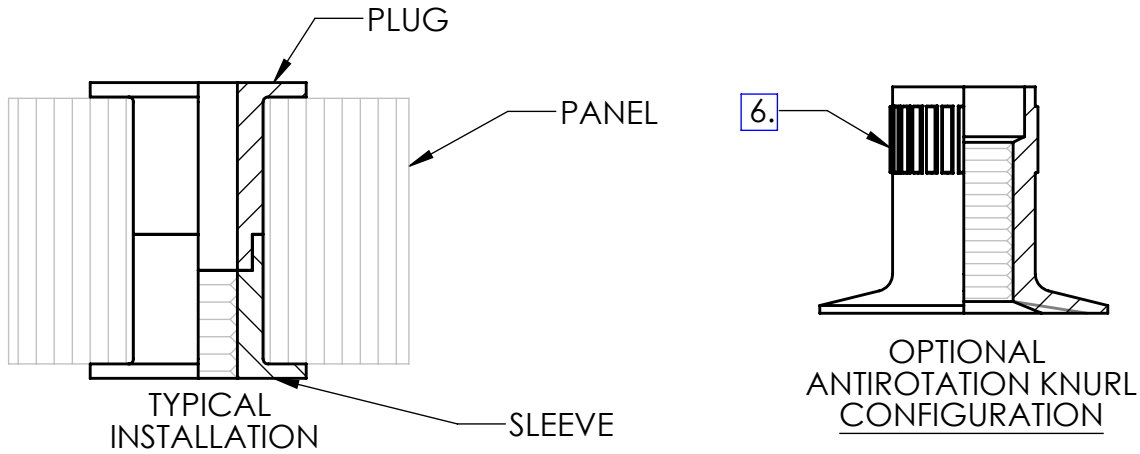


W106

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



WITTEN COMPANY
918-272-9567

APPROVAL DATE: REV:A 11/10/2020

GAGE CODE: 0JHK5

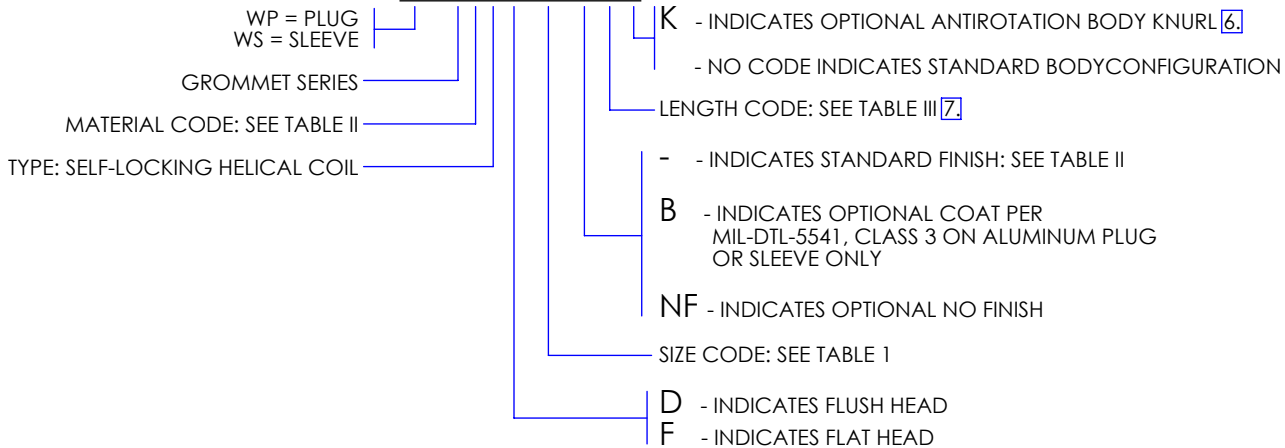
W106

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

PART NUMBER CODING:

WP106D25 -11

WS106D428-14K


TABLE I

SIZE CODE		T THREAD CLASS 3B	ØA ±.003	ØB ±.003	ØC	E	INSTALLATION HOLE Ø
PLUG	SLEEVE						
6	632	.1380-32UNJC	.144	.309	.500	13°	.323
8	832	.1640-32UNJC	.169	.309	.500	13°	.323
10	1032	.1900-32UNJF	.194	.341	.625	13°	.358
25	428	.2500-28UNJF	.257	.403	.750	14°	.421
31	524	.3125-24UNJF	.318	.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 SLEEVE ONLY (MANUFACTURER'S OPTION).
7. REFER TO TABLE III TO SELECT PLUG/SLEEVE COMBINATION FOR A GIVEN PANEL THICKNESS.
8. THE W106 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. INSERTS WITH LENGTH CODES 22 OR GREATER MAY USE FACTORY INSTALLED SLEEVE EXTENSIONS (TWO PIECE SLEEVES).
11. CONSULT THE WITTEN COMPANY ENGINEERING DEPARTMENT FOR OTHER FINISHES, MATERIALS, OR SIZES.

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 918-272-9567

 APPROVAL DATE:
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TABLE III

PANEL THICKNESS MINIMUM	LENGTH CODE	PLUG			LENGTH CODE	SLEEVE		
		G+.000/- .010				H+.000/- .010		
		SIZE CODE				SIZE CODE		
		6,8,10	25	31		632, 832, 1032	428	524
.500	0	.085						
.516	01	.101						
.531	1	.116						
.547	11	.132						
.562	2	.147	NA	NA	08	.415	NA	NA
.578	21	.163						
.594	3	.179						
.609	31	.194						
.625	0	.085	.085					
.641	01	.101	.101					
.656	1	.116	.116					
.672	11	.132	.132	NA	10	.540	.540	NA
.688	2	.147	.147					
.703	21	.163	.163					
.719	3	.179	.179					
.734	31	.194	.194					
.750	0	.085	.085					
.766	01	.101	.101					
.781	1	.116	.116					
.797	11	.132	.132	NA	12	.665	.665	NA
.812	2	.147	.147					
.828	21	.163	.163					
.844	3	.179	.179					
.859	31	.194	.194					
.875	0	.085	.085	.248				
.891	01	.101	.101	.264				
.906	1	.116	.116	.279				
.922	11	.132	.132	.295				
.938	2	.147	.147	.311	14	.790	.790	.627
.953	21	.163	.163	.326				
.969	3	.179	.179	.342				
.984	31	.194	.194	.357				
1.000	0	.085	.085	.248				
1.016	01	.101	.101	.264				
1.031	1	.116	.116	.279				
1.047	11	.132	.132	.295				
1.062	2	.147	.147	.311	16	.915	.915	.752
1.078	21	.163	.163	.326				
1.094	3	.179	.179	.342				
1.109	31	.194	.194	.357				

W106

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

TABLE III (CONT.)

PANEL THICKNESS MINIMUM	LENGTH CODE	PLUG			LENGTH CODE	SLEEVE		
		G+.000/- .010				H+.000/- .010		
		SIZE CODE				SIZE CODE		
		6,8,10	25	31		632, 832, 1032	428	524
1.125	0	.085	.085	.248	18	1.040	1.040	.877
1.141	01	.101	.101	.264				
1.156	1	.116	.116	.279				
1.172	11	.132	.132	.295				
1.188	2	.147	.147	.311				
1.203	21	.163	.163	.326				
1.219	3	.179	.179	.342				
1.234	31	.194	.194	.357				
1.250	0	.085	.085	.248	20	1.165	1.165	1.002
1.266	01	.101	.101	.264				
1.281	1	.116	.116	.279				
1.297	11	.132	.132	.295				
1.312	2	.147	.147	.311				
1.328	21	.163	.163	.326				
1.344	3	.179	.179	.342				
1.359	31	.194	.194	.357				
1.375	0	.085	.085	.248	22 10	1.290	1.290	1.127
1.391	01	.101	.101	.264				
1.406	1	.116	.116	.279				
1.422	11	.132	.132	.295				
1.438	2	.147	.147	.311				
1.453	21	.163	.163	.326				
1.469	3	.179	.179	.342				
1.484	31	.194	.194	.357				
1.500	0	.085	.085	.248	24 10	1.415	1.415	1.252
1.516	01	.101	.101	.264				
1.531	1	.116	.116	.279				
1.547	11	.132	.132	.295				
1.562	2	.147	.147	.311				
1.578	21	.163	.163	.326				
1.594	3	.179	.179	.342				
1.609	31	.194	.194	.357				
1.625	0	.085	.085	.248	26 10	1.540	1.540	1.377
1.641	01	.101	.101	.264				
1.656	1	.116	.116	.279				
1.672	11	.132	.132	.295				
1.688	2	.147	.147	.311				
1.703	21	.163	.163	.326				
1.719	3	.179	.179	.342				
1.734	31	.194	.194	.357				