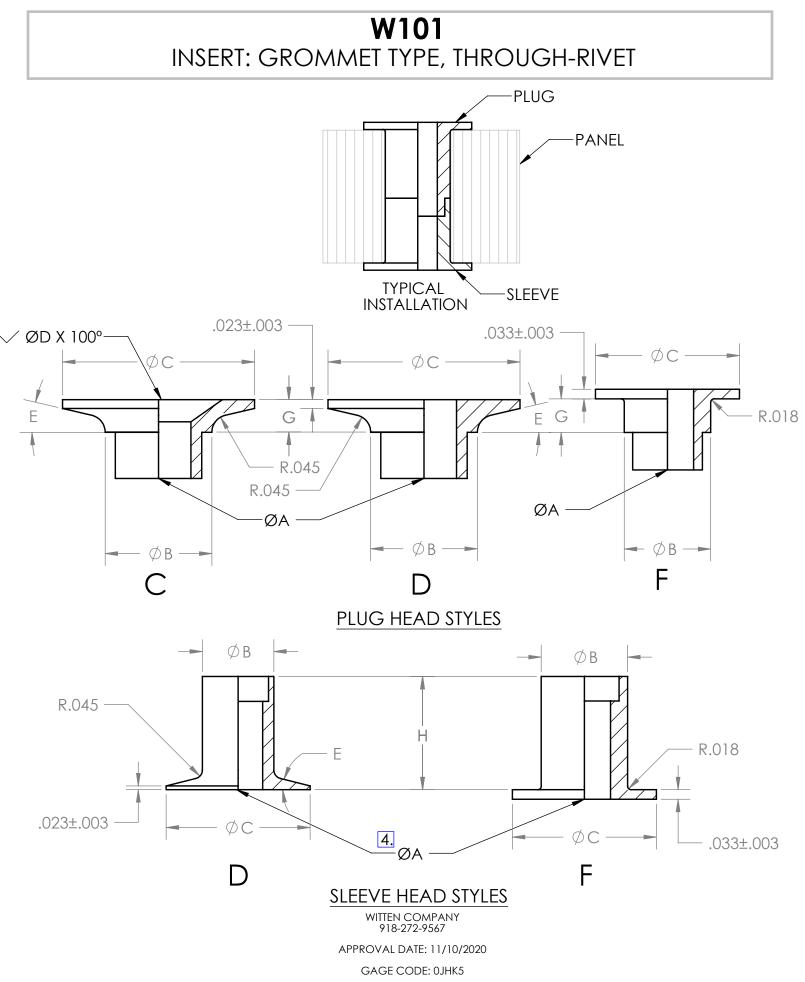


SHEET 1 OF 4





SHEET 2 OF 4

### W101 **INSERT: GROMMET TYPE, THROUGH-RIVET**

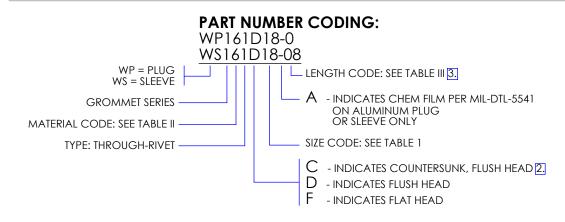


TABLE I

SIZE CODE	ØA	ØВ	ØC	ØD	E
	+.002	±.002	±.005	+.003	±1°
	003			004	
12	.133	.278	.500	.233	13°
15	.168	.278	.500	.295	13°
18	.194	.309	.625	.362	13°
25	.256	.372	.750	.486	14°
28	.289	.403	.812	.501	14°
31	.318	.466	.875	.574	14°
37	.381	.622	1.000	.704	14°

#### TABLE II

MATL CODE	MATERIAL	FINISH		
0	AL ALLOY, GRADE 2024, TEMPER T4 OR T351	ANODIZE PER MIL-A-8625 TYPE I,		
U	PER SAE-AMS-QQ-A-225/6	CLASS 1		
6	CORROSION RESISTANT STEEL, TYPE 303	PASSIVATE PER ASTM-A967		
	CRES PER ASTM A 582			
9	CARBON STEEL PER ASTM A 108	CAD PLATE PER SAE-AMS-QQ-P-		
	CARBON STEEL PER ASTIVIA 108	416, TYPE II, CLASS 2		

NOTES:

NOTES: 1. ANY COMBINATION OF SLEEVE AND PLUG WITHIN RIVET SIZE MAY BE USED. 2. 'C' HEAD STYLE IS AVAILABLE IN PLUG CONFIGURATION ONLY. 3. REFER TO TABLE III TO SELECT A PLUG/SLEEVE COMBINATION FOR GIVEN PANEL THICKNESS. 4. A SINGLE THROUGH HOLE DIAMETER IS USED FOR -03 AND -04 SLEEVE LENGTHS IN 25 AND 28 SIZES. 5. THE W101 GROMMETS ARE SELF-RETAINED THROUGH A TELESCOPE FIT. 6. CONSULT THE WITTEN COMPANY ENGINEERING DEPARTMENT FOR OTHER FINISHES, MATERIALS, OR SIZES.

WITTEN COMPANY 918-272-9567

#### APPROVAL DATE: 11/10/2020

GAGE CODE: 0JHK5



SHEET 3 OF 4

# **W101** INSERT: GROMMET TYPE, THROUGH-RIVET

#### TABLE III

PANEL	EL PLUG				SLEEVE				
THICKNESS	LENCTU	G SIZE CODE			LENGTH	H SIZE CODE			
MINIMUM	LENGTH CODE	12,15,18	25,28	31,37	CODE	12,15,18	25,28	31,37	
.187	X	.085	.120	NA	03	.103	.067	NA	
.187	^ 0	.085	.120	INA	05	.105	.007	INA	
.265	01	.100					65 .130	NA	
.285			.135			.165			
	1	.116 .131	.151						
.296	11		.167	NA	04				
.312	2	.147	.183						
.327	21	.163	.198						
.344	3	.179	.214						
.359	31	.194	.230	100					
.375	0	.085	.120	.190			.255	0.185 31 ONLY	
.390	01	.100	.135	.206					
.406	1	.116	.151	.221					
.421	11	.131	.167	.237	06	.290			
.437	2	.147	.183	.252					
.452	21	.163	.198	.268					
.469	3	.179	.214	.283					
.484	31	.194	.230	.298					
.500	0	.085	.120	.190		.415	.380	.310	
.515	01	.100	.135	.206	08				
.531	1	.116	.151	.221					
.546	11	.131	.167	.237					
.562	2	.147	.183	.252					
.577	21	.163	.198	.268	1				
.594	3	.179	.214	.283					
.609	31	.194	.230	.298					
.625	0	.085	.120	.190		.540	.505	.435	
.640	01	.100	.135	.206	1 1				
.656	1	.116	.151	.221					
.672	11	.131	.167	.237	10				
.687	2	.147	.183	.252	10				
.702	21	.163	.198	.268	1				
.719	3	.179	.214	.283	1 1				
.734	31	.194	.230	.298					
.750	0	.085	.120	.190					
.765	01	.100	.135	.206	1		.630	.560	
.781	1	.116	.151	.221	12	.665			
.796	11	.131	.167	.237					
.812	2	.147	.183	.252					
.827	21	.163	.198	.268					
.844	3	.179	.214	.283					
.859	31	.194	.230	.298					
.875	0	.085	.120	.190					
.890	01	.100	.135	.206	14	14 .790 .755			
.906	1	.116	.151	.221					
.921	11	.131	.167	.237					
.937	2	.147	.183	.257			4 .790 .755	.755	.685
.952	21	.163	.198	.252					
.969	3	.103	.138	.283					
	31	.179	.214	.283					

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APPROVAL DATE: 11/10/2020

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# **W101** INSERT: GROMMET TYPE, THROUGH-RIVET

### TABLE III (CONT.)

PANEL		PLUG				SLEEVE		
THICKNESS MINIMUM		G				Н		
	LENGTH	SIZE CODE			LENGTH	SIZE CODE		
	CODE	12,15,18	25,28	31,37	CODE	12,15,18	25,28	31,37
1.000	0	.085	.120	.190			.880	.810
1.015	01	.100	.135	.206		.915		
1.031	1	.116	.151	.221				
1.046	11	.131	.167	.237	16			
1.062	2	.147	.183	.252	10			
1.077	21	.162	.198	.268				
1.094	3	.179	.214	.283				
1.109	31	.194	.230	.298				
1.125	0	.085	.120	.190			1.005	.935
1.140	01	.100	.135	.206				
1.156	1	.116	.151	.221				
1.171	11	.131	.167	.237	18	1.040		
1.187	2	.147	.183	.252	10			
1.202	21	.162	.198	.268				
1.219	3	.179	.214	.283				
1.234	31	.194	.230	.298				
1.250	0	.085	.120	.190			5 1.130	1.060
1.265	01	.100	.135	.206	20			
1.281	1	.116	.151	.221				
1.296	11	.131	.167	.237		1.165		
1.312	2	.147	.183	.252		1.105		
1.327	21	.162	.198	.268				
1.343	3	.179	.214	.283				
1.359	31	.194	.230	.298				