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REV.
A

AS31051™

FEDERAL SUPPLY CLASS
5935

RATIONALE

AS31051A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS50151.

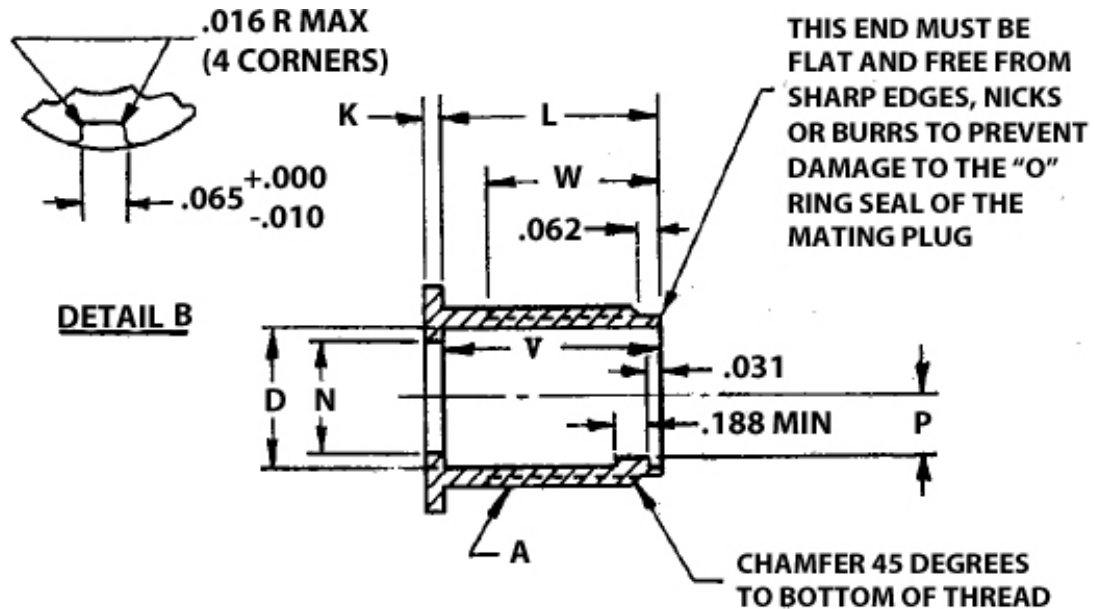
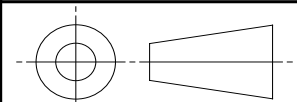


FIGURE 1 – STOWAGE RECEPTACLE CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS31051A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS50151



AEROSPACE STANDARD

(R) CONNECTOR, RECEPTACLE,
ELECTRIC, DUMMY STOWAGE

AS31051™
SHEET 1 OF 3

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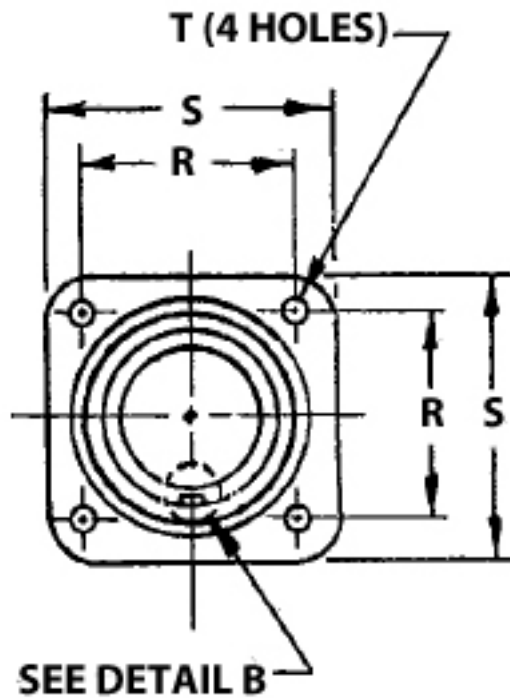


FIGURE 2 – STOWAGE RECEPTACLE CONIGURATION AND DIMENSIONS (CONTINUED)

TABLE 1 - DIMENSIONS

DASH NO.	A THREAD SIZE	D +.015 -.000 ID	K MTG FLANGE THICKNESS		L +.031 -.000 MTG FLANGE LOCATION	N ±.031 DIA	P +.015 -.000 KEY HEIGHT	R ±.005 ℄ - ℄ MTG HOLES	S ±.031 LENGTH SIDE	T +.010 -.005 DIA MTG HOLE	V +.031 -.000	W MIN USABLE THREAD		
			MAX	MIN										
8S	1/2-28	.370	.156	.078	.562	.252	.130	.594	.875	.120	.562	.375		
10S	5/8-24	.448				.323	.165	.719	1.000					
12S	3/4-20	.557				.450	.224	.812	1.094					
12														
14S	7/8-20	.682			.562	.526	.263	.906	1.188				.750	.625
14					.750									
16S	1-20	.807			.562	.646	.325	.969	1.281				.562	.375
16														
18	1-1/8-18	.932	.203	.094	.750	.771	.385	1.062	1.375	.147	.750	.625		
20	1-1/4-18	1.058				.927	.463	1.156	1.500					
22	1-3/8-18	1.182				1.021	.510	1.250	1.625					
24	1-1/2-18	1.307			.812	1.150	.573	1.375	1.750					
28	1-3/4-18	1.526				1.365	.683	1.562	2.000					
32	2-18	1.776	.359	.125	.875	1.620	.808	1.750	2.250	.173				
36	2-1/4-16	1.995				1.833	.915	1.938	2.500					
40	2-1/2-16	2.245				2.052	1.023	2.188	2.750					
44	2-3/4-16	2.495				2.302	1.150	2.375	3.000					
48	3-16	2.745				2.552	1.275	2.625	3.250					