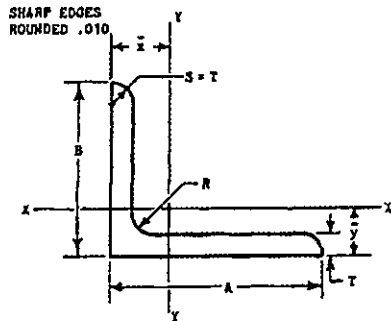


FED. SUP CLASS  
9540



NOTES ON SYMBOLS

$\bar{y}$  (and  $\bar{x}$ ) = LOCATING DIMENSIONS FOR AXIS XX-YY.

$I_{xx}$  (and  $I_{yy}$ ) = MOMENT OF INERTIA ABOUT XX AND YY.

$\rho_{xx}$  (and  $\rho_{yy}$ ) = RADIUS OF GYRATION ABOUT XX AND YY.

DASH NUMBER: IS DIG NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10134-1401", "10134" INDICATES "ANGLE-UNEQUAL LEG", "14" INDICATES 1-4/8" FOR DIMENSION "A" (1.500 IN COL. "A"). "01" IN "1401" IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE GOVERNMENT SPECIFICATIONS.

③ REINSTATE - 3 Mar 82

AND 10134 DASH NO'S	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS					
	A	B	T	R		$\bar{y}$	$\bar{x}$	$I_{xx}$	$I_{yy}$	$\rho_{xx}$	$\rho_{yy}$
	Inches					Inch	Inches <sup>4</sup>		Inch		
-0501	.625	.500	.050	.063	.9227	.125	.187	.0611	.0020	.176	.193
-0601		.500	.063		.0799	.120	.223	.0012	.0021	.139	.235
-0602	.750	.625	.063	.063	.0818	.162	.222	.0027	.0024	.181	.232
-0701		.625	.063		.0922	.150	.269	.0029	.0069	.177	.274
-0702	.875	.750	.063	.125	.100	.190	.250	.0049	.0073	.221	.270
-0703		.750	.125		.184	.211	.272	.0082	.0123	.211	.248
-1001		.625	.063		.100	.120	.320	.0029	.0100	.170	.316
-1002		.625	.125		.184	.160	.344	.0050	.0170	.165	.304
-1003	1.000	.750	.063	.125	.108	.178	.299	.0051	.0106	.217	.313
-1074		.750	.125		.200	.199	.322	.0084	.0182	.208	.302
-1005		.875	.063		.116	.220	.281	.0079	.0111	.262	.310
-1006		.875	.094		.167	.231	.292	.0110	.0155	.247	.305
-1201		.750	.063		.124	.149	.403	.0054	.0197	.209	.430
-1202		.750	.094		.179	.170	.416	.0074	.0276	.203	.393
-1203	1.250	.875	.125	.125	.231	.181	.427	.0092	.0346	.203	.397
-1204		.875	.063		.139	.239	.361	.0124	.0217	.298	.394
-1205		1.000	.094		.202	.250	.373	.0171	.0336	.291	.389
-1206		.875	.125		.262	.250	.384	.0215	.0333	.286	.392
-1401		.750	.094		.204	.146	.522	.0077	.0463	.194	.476
-1402		.750	.125		.264	.167	.534	.0096	.0584	.191	.465
-1403	1.500	.875	.094		.228	.228	.672	.0182	.0512	.282	.474
-1404		1.000	.125	.156	.295	.239	.485	.0226	.0647	.276	.468
-1405		.875	.156		.361	.249	.495	.0265	.0772	.271	.463
-1406		.875	.094		.251	.310	.433	.0347	.0550	.372	.468
-1407		1.250	.125		.327	.321	.444	.0436	.0698	.365	.462
-1408		.875	.156		.400	.331	.455	.0518	.0834	.360	.457
-1601		1.000	.125		.327	.322	.591	.0236	.0898	.269	.553
-1602	1.750	1.250	.125	.156	.358	.300	.645	.0465	.1078	.360	.549
-1603		1.500	.125		.389	.383	.506	.0776	.1244	.447	.542
-1604		1.500	.156		.478	.393	.517	.0928	.1377	.441	.537

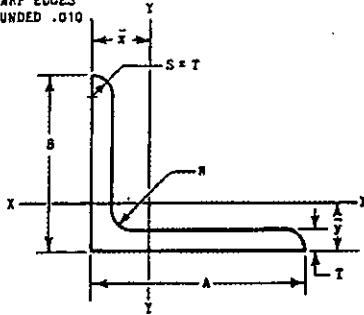
This standard is approved for use by the Department of the Air Force and is available for use by all Department and Agencies of the Department of Defense.

APPROVED 2 APR 83 REVISED ① 21 Mar 85 ② 1 Sep 81 ③ 3 Mar 82

P. A. Air Force - 11 Other Cust NO INTEREST	INTERNATIONAL INTEREST	TITLE ANGLE - UNEQUAL LEG EXTRUDED	ARMY-NAVY AERONAUTICAL DESIGN STANDARD
PROCUREMENT SPECIFICATION NONE			SHEET 1 OF 2

FED. SUP. CLASS  
9540

SHARP EDGES  
ROUNDED .010



NOTES ON SYMBOLS

" $\bar{y}$ " (and " $\bar{x}$ ") = LOCATING DIMENSIONS FOR AXIS XX-YY.

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DASH NUMBER: IS DIE NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10134-2401", "10134" INDICATES "ANGLE-UNEQUAL LEG", 24 INDICATES 2- $\frac{1}{8}$ " FOR DIMENSION "A" (2.500 IN COL. "A"). 01 IN 2401 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE GOVERNMENT SPECIFICATIONS.

AND 10134 DASH NO'S	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS						
	A	B	T	R		$\bar{y}$	$\bar{x}$	$I_{xx}$	$I_{yy}$	$\rho_{xx}$	$\rho_{yy}$	
	Inches					Inch	Inches <sup>4</sup>		Inch			
-2001	2.000	1.000	.125	.156	.358	.208	.701	.0244	.1453	.261	.637	
-2002			.156		.439	.219	.712	.0287	.1745	.256	.631	
-2003			.125		.392	.279	.647	.0473	.1576	.348	.643	
-2004		1.250	.156	.188	.480	.289	.659	.0563	.1893	.343	.629	
-2005			.188		.568	.300	.670	.0643	.2197	.336	.622	
-2006			.125		.423	.358	.603	.0806	.1673	.437	.625	
-2007		1.500	.156	.188	.519	.369	.615	.0965	.2016	.431	.623	
-2008			.188		.615	.379	.626	.1114	.2346	.426	.618	
-2009			.125		.454	.443	.566	.1256	.1760	.526	.623	
-2010		1.750	.156	.188	.558	.454	.577	.1511	.2125	.520	.617	
-2011			.188		.662	.465	.584	.1742	.2472	.514	.611	
-2101			.156		.558	.260	.876	.0594	.3540	.326	.796	
-2102	2.500	1.250	.188	.188	.662	.271	.889	.0684	.4137	.321	.790	
-2103			.156		.597	.331	.824	.1023	.3773	.414	.795	
-2104			.188		.709	.341	.836	.1184	.4416	.409	.789	
-2105		1.500	.156	.250	.636	.408	.778	.1608	.3978	.503	.791	
-2106			.188		.756	.439	.790	.1866	.4660	.497	.785	
-2107			.156		.681	.489	.734	.2369	.4174	.590	.783	
-2108		2.000	.188	.250	.809	.500	.746	.2763	.4889	.584	.777	
-2109			.156		.720	.575	.698	.3320	.4333	.679	.776	
-2110			.188		.856	.587	.710	.3884	.5077	.674	.770	
-3001		3.000	1.500	.188	.250	.809	.312	1.05	.1238	.7387	.391	.956
-3002				.250		1.050	.333	1.07	.152	.9323	.381	.943
-3003				.188		.903	.458	.950	.2904	.8159	.567	.950
-3004	.250		1.17	.478	.972	.3627	1.034	.555	.938			
-3005	.270		1.30	.644	.891	.6992	1.115	.734	.927			
-3006	.313		1.60	.664	.912	.8316	1.334	.722	.915			

THIS SPECIFICATION OR USE OF THIS SPECIFICATION OF THE AIR FORCE AND IS AVAILABLE FOR USE BY ALL DEPARTMENT AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

APPROVED 2 Apr 43 REVISED 1 21 Mar 45 2 1 Sep 81 3 3 Mar 82

P. A. Air Force - 11 Other Cost NO INTEREST	INTERNATIONAL INTEREST	TITLE ANGLE - UNEQUAL LEG EXTRUDED	ARMY-NAVY AERONAUTICAL DESIGN STANDARD <b>AND 10134</b>
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 2 OF 2	