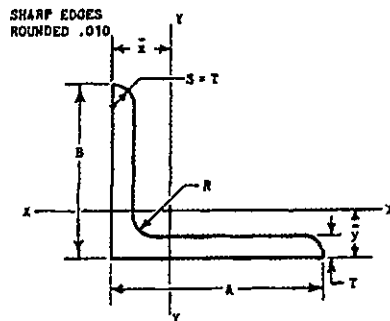


FED. SUP CLASS
 9540



NOTES ON SYMBOLS

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

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

ρ_{xx} (and ρ_{yy}) = RADIUS OF GYRATION ABOUT XX AND TT.

DASH NUMBER: IS DIG NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10134-1401", "10134" INDICATES "ANGLE-UNEQUAL LEG", 14 INDICATES 1-1/8" 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		$\bar{y}$	$\bar{z}$	I_{xx}	I_{yy}	ρ_{xx}	ρ_{yy}
	Inches					Inch		Inches ⁴		Inch	
-0501	.625	.500	.050	.063	.9222	.124	.187	.0011	.0020	.176	.193
-0601		.500	.063		.0739	.110	.243	.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		.063	.125	.100	.190	.250	.0049	.0073	.221	.270
-0703		.750	.125		.184	.211	.272	.0082	.0123	.211	.258
-1001			.063		.100	.110	.320	.0029	.0100	.170	.316
-1002		.625	.125		.184	.160	.344	.0050	.0170	.165	.304
-1003	1.000		.063	.125	.108	.178	.299	.0051	.0106	.217	.313
-1004		.750	.125		.200	.199	.322	.0084	.0182	.208	.302
-1005			.063		.116	.220	.281	.0079	.0111	.262	.310
-1006		.875	.094		.167	.231	.292	.0110	.0155	.257	.305
-1201			.063		.124	.149	.403	.0054	.0197	.209	.400
-1202		.750	.094		.179	.170	.416	.0074	.0276	.203	.393
-1203	1.250		.125	.125	.231	.181	.427	.0092	.0346	.203	.387
-1204			.063		.139	.239	.361	.0124	.0217	.298	.394
-1205		1.000	.094		.202	.250	.373	.0171	.0336	.291	.389
-1206			.125		.262	.250	.384	.0215	.0333	.286	.382
-1401			.094		.204	.146	.522	.0077	.0463	.194	.476
-1402		.750	.125		.264	.167	.534	.0096	.0584	.191	.465
-1403	1.500		.094		.228	.228	.472	.0182	.0512	.282	.474
-1404		1.000	.125	.156	.295	.239	.485	.0226	.0647	.276	.468
-1405			.156		.361	.249	.495	.0265	.0772	.271	.463
-1406			.094		.251	.310	.433	.0347	.0550	.372	.468
-1407	1.250		.125		.327	.321	.444	.0436	.0698	.365	.462
-1408			.156		.400	.331	.455	.0518	.0834	.360	.457
-1601		1.000	.125		.327	.322	.591	.0235	.0898	.269	.553
-1602	1.750		.125		.358	.300	.445	.0465	.1078	.360	.449
-1603		1.500	.125	.156	.389	.383	.506	.0776	.1144	.447	.562
-1604			.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.

P. A. Air Force - 11 Other Cust NO INTEREST	INTERNATIONAL INTEREST	TITLE ANGLE - UNEQUAL LEG EXTRUDED	ARMY-NAVY AERONAUTICAL DESIGN STANDARD
AND 10134			
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 2	

FED. SUP'CLASS
9540

NOTES ON SYMBOLS

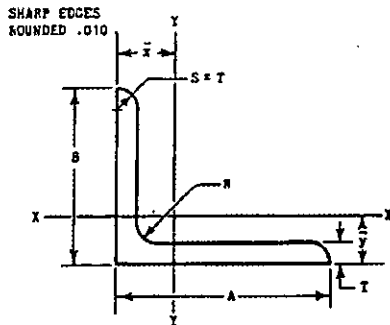
" $\bar{y}$ " (and " $\bar{z}$ ") = LOCATING DIMENSIONS FOR AXIS XX-YY.

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DASH NUMBER: IS THE NUMBER AND INDICATES EACH SHAPE AND-SIZE OF SECTION. EXAMPLE: IN "AND10134-2401", "10134" INDICATES "ANGLE-UNEQUAL LEG", 24 INDICATES 2-1/8" 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		$\bar{y}$	$\bar{z}$	I_{xx}	I_{yy}	O_{xx}	O_{yy}
	Inches					Inch	Inches ⁴		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		1.250	.125	.392	.279	.647	.0473	.1576	.348	.643	
-2004			.156	.480	.289	.659	.0563	.1893	.343	.629	
-2005			.188	.568	.300	.670	.0643	.2197	.336	.622	
-2006			.125	.423	.358	.603	.0806	.1673	.437	.689	
-2007		1.500	.156	.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	.558	.454	.577	.1511	.2125	.520	.617	
-2011	.188		.662	.465	.588	.1752	.2472	.514	.611		
-2012	2.250	.156	.558	.260	.876	.0594	.3540	.326	.796		
-2102		.188	.662	.271	.889	.0684	.4137	.321	.790		
-2103		.156	.597	.331	.824	.1023	.3773	.414	.795		
-2104	1.500	.188	.709	.341	.836	.1184	.4416	.409	.789		
-2105		.156	.636	.408	.778	.1608	.3978	.503	.791		
-2106	2.500	1.750	.188	.726	.419	.790	.1868	.4660	.497	.785	
-2107			.156	.681	.469	.734	.2369	.4374	.590	.783	
-2108		2.003	.188	.809	.500	.746	.2763	.4889	.584	.777	
-2109	2.250	.156	.720	.575	.698	.3320	.4333	.679	.776		
-2110		.188	.856	.587	.710	.3884	.5077	.674	.770		
-3001	3.000	1.500	.188	.809	.312	1.05	.1238	.7387	.391	.956	
-3002			.250	1.050	.333	1.07	.152	.9323	.381	.943	
-3003		2.000	.188	.903	.758	.950	.2904	.8159	.567	.950	
-3004			.250	1.17	.478	.972	.3627	1.034	.555	.938	
-3005		2.500	.270	1.30	.644	.971	.6992	1.115	.734	.927	
-3006			.313	1.60	.644	.912	.8316	1.334	.722	.915	

THIS MATERIAL IS PRESENTED TO YOU BY THE GOVERNMENT 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 AND 10134
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		SHEET 2 OF 2