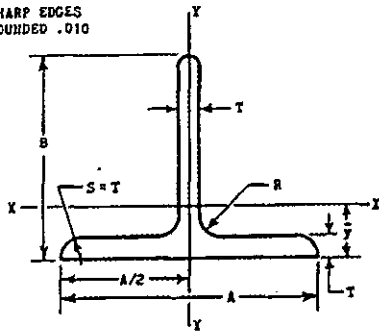


FED. SUP CLASS  
 9540

SHARP EDGES  
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NOTES ON SYMBOLS

"y" = LOCATING DIMENSIONS FOR AXIS XX.  
 Ixx (and Iyy) = MOMENT OF INERTIA ABOUT XX AND YY.  
 Pxx (and pyy) = RADIUS OF GYRATION ABOUT XX AND YY.

DASH NUMBER: IS DIE NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10136-1201". "10136" INDICATES "TEE", 10 INDICATES 1-4/8" FOR DIMENSION "A" (1.500 IN COL. "A"). 01 IN 1201 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE GOVERNMENT SPECIFICATIONS.

③ REINSTATE - 3 Mar 82

AND 10136 DASH NO'S	NOMINAL DIMENSIONS				AREA	SECTION ELEMENTS				
	A	B	T	R		$\bar{y}$	Ixx	Iyy	$\rho_{xx}$	$\rho_{yy}$
	Inches				Square Inches	Inch	Inches <sup>4</sup>		Inch	
-1201	1.250	.625	.050	.094	.0937	.121	.0028	.0077	.173	.287
-1202		.750	.063	.125	.127	.160	.0055	.0094	.209	.276
-1301		.750	.056	.094	.106	.148	.0046	.0103	.209	.312
-1302			.063		.150	.228	.0131	.0129	.256	.293
-1303	1.3750	1.000	.078	.125	.183	.235	.0156	.0158	.292	.294
-1304			.094		.216	.242	.0182	.0183	.290	.295
-1305		1.250	.094		.240	.327	.0345	.0189	.379	.280
-1401		.750	.063		.141	.141	.0052	.0169	.192	.326
-1402		.750	.078		.204	.159	.0080	.0244	.193	.346
-1403			.078		.193	.225	.0160	.0200	.238	.327
-1404	1.500	1.000	.078	.125	.228	.232	.0186	.0225	.286	.328
-1405			.078		.212	.307	.0301	.0206	.377	.312
-1406		1.250	.094		.252	.314	.0354	.0245	.375	.312
-1407			.125		.326	.327	.0449	.0319	.371	.313
-1501		.875	.078		.192	.180	.0110	.0263	.240	.370
-1502			.125		.295	.198	.0161	.0407	.254	.372
-1503		1.125	.078	.125	.212	.254	.0228	.0263	.328	.352
-1504	1.6250		.125	.125	.326	.274	.0339	.0203	.322	.364
-1505			.094		.275	.365	.0475	.0314	.415	.338
-1506	1.375		.125		.358	.354	.0605	.0408	.411	.338
-1507			.156		.437	.370	.0725	.0499	.407	.338
-1601		.875	.094		.240	.179	.0131	.0393	.234	.405
-1602			.125		.311	.191	.0164	.0512	.230	.406
-1603		1.125	.094	.125	.261	.252	.0273	.0347	.322	.336
-1604			.156		.418	.276	.0412	.0646	.314	.387
-1605	1.750	1.375	.094	.125	.287	.333	.0684	.0593	.411	.370
-1606			.156		.457	.358	.0741	.0627	.403	.371
-1607			.094		.310	.420	.0777	.0394	.500	.356
-1608	1.625		.125		.405	.434	.0895	.0513	.496	.356
-1609			.156		.497	.446	.1200	.0629	.492	.356

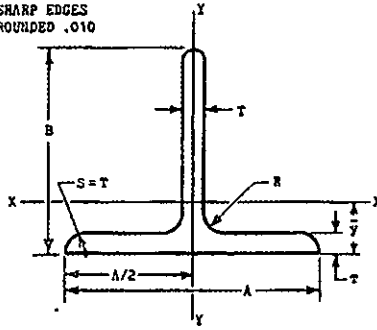
This standard is approved for use by the Department of the Air Force and is available for use by all Department and Agencies of the Department of Defense.

APPROVED 2 APR 83 REVISED ① 20 MAR 85 ② 1 SEP 81 ③ 3 MAR 82

F. A. Air Force - 11 Other Cust NO INTEREST	INTERNATIONAL INTEREST	TITLE TEE - EXTRUDED	ARMY-NAVY AERONAUTICAL DESIGN STANDARD
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:	
AND10136		AND10136	

FED. SUP CLASS  
 9540

SHARP EDGES  
 ROUNDED .010



NOTES ON SYMBOLS

$\bar{y}$  = 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 DIE NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10136-2401", "10136" INDICATES "TEE", 24 INDICATES 2-4/8" 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 10136 DASH NO'S	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS				
	A	B	T	R		$\bar{y}$	$I_{xx}$	$I_{yy}$	$\rho_{xx}$	$\rho_{yy}$
	Inches					Inch				
-1701	1.875	1.000	.078		.222	.200	.0169	.0408	.275	.429
-1702			.094		.263	.207	.0197	.0486	.276	.429
-1703			.125		.342	.219	.0249	.0635	.270	.430
-1704		1.250	.125		.273	.294	.0479	.0634	.358	.412
-1705			.156	.125	.457	.306	.0572	.0776	.354	.412
-1706			.094		.310	.363	.0631	.0485	.452	.396
-1707		1.500	.125		.405	.376	.0809	.0635	.447	.396
-1708			.156		.496	.388	.0973	.0776	.443	.396
-1709			.156	.125	.535	.477	.1513	.0777	.532	.381
-2001		2.000	1.000	.078		.231	.194	.0171	.0496	.272
-2002	.094				.275	.200	.0200	.0592	.270	.464
-2003	.125				.358	.212	.0253	.0770	.266	.464
-2004	1.250		.078		.251	.265	.0325	.0495	.360	.444
-2005			.094	.125	.299	.276	.0383	.0592	.358	.445
-2006			.125		.389	.285	.0488	.0770	.354	.445
-2007	1.750		.094		.346	.438	.0922	.0572	.527	.414
-2008			.125		.451	.451	.1278	.0772	.532	.414
-2009			.094	.188	.807	.241	.0403	.1168	.342	.581
-2101	2.500		1.250	.094		.346	.254	.0513	.1530	.338
-2102		.125			.452	.265	.0616	.1891	.333	.583
-2103		.156			.554	.251	.0458	.1168	.475	.554
-2104		1.625	.094		.381	.364	.1101	.1530	.470	.554
-2105			.125	.125	.498	.276	.1329	.1882	.466	.554
-2106			.156		.613	.487	.1991	.1531	.604	.530
-2107		2.000	.125		.545	.500	.2412	.1882	.599	.530
-2108			.156		.671	.509	.2831	.2240	.592	.527
-2109			.188		.807	.295	.0914	.2670	.409	.700
-3001		3.000	1.500	.125		.545	.307	.1101	.3291	.405
-3002	.156			.125	.671	.456	.2539	.3292	.582	.663
-3003	2.000		.156		.749	.465	.2984	.3919	.576	.659
-3004			.188	.188	.901	.611	.3929	.2669	.766	.631
-3005	2.500		.125	.125	.670	.632	.5649	.3925	.754	.628
-3006			.188	.188	.995					

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 20 MAR 85 ② 1 SEP 81 ③ 3 MAR 82

P. A. Air Force - 11 Other Cost NO INTEREST	INTERNATIONAL INTEREST	TITLE  TEE - EXTRUDED	ARMY-NAVY AERONAUTICAL DESIGN STANDARD
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	AND10136	
		SHEET 2 OF 2	