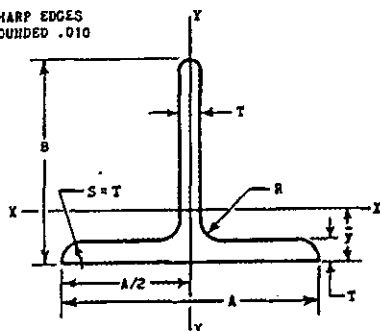


FED. SUP CLASS
9540SHARP EDGES
ROUNDED .010

NOTES ON SYMBOLS

"g" = 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 1-1/8" 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 Square Inches	SECTION ELEMENTS					
	A	B	T	R		\bar{y}	Ixx	Iyy	ρ_{xx}	ρ_{yy}	
	Inches					Inch	Inches ⁴		Inch		
-1201	1.250	.625	.050	.094	.0937	.121	.0028	.0077	.173	.287	
-1202		.750	.063	.125	.127	.160	.0055	.0098	.209	.276	
-1301		.750	.050	.094	.106	.148	.0046	.0103	.209	.312	
-1302			.063		.150	.228	.0131	.0129	.296	.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			.094		.204	.159	.0080	.0244	.193	.346	
-1403		1.000	.078		.193	.225	.0160	.0200	.288	.327	
-1404	1.500		.094	.125	.228	.232	.0186	.0245	.286	.328	
-1405			.078		.212	.307	.0301	.0206	.377	.312	
-1406			.094		.252	.314	.0354	.0245	.375	.312	
-1407		1.250		.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		.326	.274	.0339	.0203	.322	.364	
-1505			.094		.275	.365	.0475	.0314	.415	.338	
-1506		1.375		.125		.358	.384	.0605	.0508	.411	.338
-1507			.156		.437	.370	.0725	.0499	.407	.338	
-1601			.875	.094		.240	.179	.0131	.0343	.234	.405
-1602			.125		.311	.191	.0164	.0512	.230	.406	
-1603		1.125	.094		.263	.252	.0273	.0343	.322	.336	
-1604			.156		.418	.276	.0412	.0646	.314	.387	
-1605	1.750		.094	.125	.287	.333	.0684	.0593	.411	.370	
-1606		1.375		.156		.457	.358	.0741	.0627	.403	.371
-1607			.094		.313	.420	.0777	.0394	.530	.356	
-1608		1.625		.125		.405	.434	.0895	.0513	.496	.356
-1609				.156		.497	.446	.1200	.0629	.492	.356

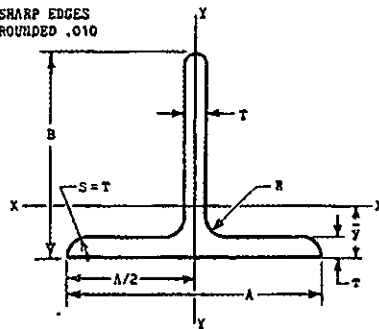
This standard is approved for use by the Department of the Air Force and is available for use by all Department and Agencies of the Department of Defense.

F. A. Air Force - 11 Other Civil NO INTEREST	INTERNATIONAL INTEREST	TITLE TEE - EXTRUDED	ARMY-NAVY AERONAUTICAL DESIGN STANDARD
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:	
DD FORM 672-1 (LIMITED COORDINATION) 1 MAY 73		PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	

AND10136

Project No. 9540-0017

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

FED. SUP CLASS
9540SHARP EDGES
ROUNDED .010

NOTES ON SYMBOLS

"Y" = LOCATING DIMENSIONS FOR AXIS XX-YY.

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

A2D 10136 DASH NO'S	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS				
	A	B	T	R		\bar{Y}	I _{xx}	I _{yy}	ρ_{xx}	ρ_{yy}
	Inches					Inch	Inches ⁴	Inch		
-1701	1.875	1.000	.078	.125	.222	.200	.0169	.0408	.275	.429
-1702			.094		.263	.207	.0197	.0486	.274	.429
-1703			.125		.342	.219	.0249	.0635	.270	.430
-1704		1.250	.125		.373	.294	.0479	.0634	.358	.412
-1705			.156		.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		.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		.299	.272	.0383	.0592	.358	.445
-2006			.125		.389	.285	.0488	.0770	.354	.445
-2007	1.750		.094		.346	.438	.0922	.0592	.527	.414
-2008			.125		.451	.451	.1278	.0772	.532	.414
-2401			.094		.346	.241	.0203	.1168	.342	.581
-2402	2.500		1.250		.125	.452	.254	.0513	.1530	.338
-2403		.156		.554	.265	.0616	.1881	.333	.583	
-2404		.094		.381	.351	.0458	.1168	.475	.554	
-2405		1.625	.125	.498	.364	.1101	.1530	.470	.554	
-2406			.156	.613	.376	.1329	.1882	.466	.554	
-2407			.125	.545	.487	.1991	.1531	.604	.530	
-2408		2.000	.156	.671	.500	.2412	.1882	.599	.530	
-2409			.188	.807	.509	.2831	.2240	.592	.527	
-3001			3.000	1.500	.125	.545	.295	.0914	.2670	.409
-3002	.156	.671			.307	.1101	.3291	.405	.700	
-3003	.188	.769			.456	.2539	.3292	.582	.663	
-3004	2.000	.188		.901	.465	.2984	.3919	.576	.659	
-3005		.125		.670	.611	.3929	.2669	.766	.631	
-3006	2.500	.188		.995	.632	.5649	.3925	.754	.628	

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			SHEET 2 OF 2
SUPERSEDES:			AND10136

DD FORM 672-1 (LIMITED COORDINATION)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE