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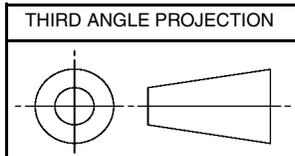
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ISSUED 1998-02 REVISED 1998-12 REAFFIRMED 2005-10

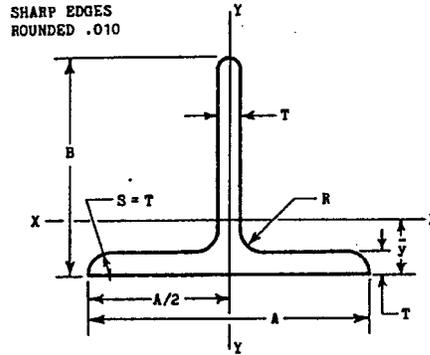
PREPARED UNDER THE JURISDICTION OF AMS COMMITTEE "D"



AMS SPECIFICATION

TEE - EXTRUDED

AMS 10136A
SHEET 1 OF 4



AMS 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				Inches	Inch	Inches ⁴	Inches	Inch	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	.0188	.290	.295
-1305		1.250	.094		.240	.327	.0345	.0188	.379	.280
-1401		.750	.063		.141	.141	.0052	.0169	.192	.346
-1402			.094		.204	.159	.0080	.0244	.198	.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		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	.234	.372
-1503		1.125	.078		.212	.254	.0228	.0263	.328	.352
-1504	1.6250		.125	.125	.326	.274	.0339	.0408	.322	.364
-1505			.094		.275	.345	.0475	.0314	.415	.338
-1506		1.375	.125		.358	.358	.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			.094		.263	.252	.0273	.0343	.322	.386
-1604		1.125	.156		.418	.276	.0412	.0628	.314	.387
-1605	1.750		.094	.125	.287	.333	.0484	.0393	.411	.370
-1606		1.375	.156		.457	.358	.0741	.0627	.403	.371
-1607			.094		.310	.420	.0777	.0394	.500	.356
-1608		1.625	.125		.405	.434	.0995	.0513	.496	.356
-1609			.156		.497	.446	.1200	.0629	.492	.356

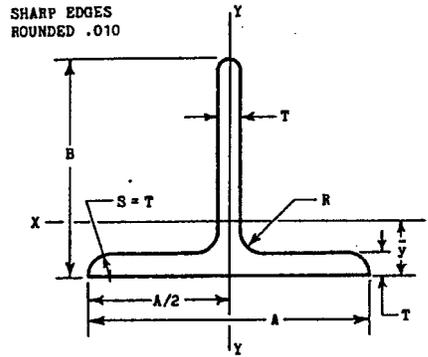
NOTES ON SYMBOLS

- \bar{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 "AND10136-1401", "10136" INDICATES "TEE"; 14 INDICATES 1-4/8 INCH FOR DIMENSION "A" (1.500 IN COL. "A"); 01 IN 1401 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS.

PART MARKING AND DOCUMENTATION MAY BE EITHER AMS 10136 OR AND10136.



AMS 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	.0485	.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	.125	.231	.194	.0171	.0496	.272	.463
-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	.0925	.0592	.537	.414
-2008			.125		.451	.451	.1278	.0772	.532	.414
-2101			.094		.346	.421	.0403	.1168	.342	.581
-2401	2.500	1.250	.125	.125	.452	.254	.0513	.1530	.338	.582
-2402			.156		.554	.265	.0616	.1881	.333	.583
-2403			.094		.381	.351	.0358	.1168	.475	.554
-2404		1.625	.125		.498	.364	.1101	.1530	.470	.554
-2405			.156		.613	.376	.1329	.1882	.466	.554
-2406			.125		.545	.487	.1951	.1531	.604	.530
-2407		2.000	.156		.671	.500	.2412	.1882	.599	.530
-2408			.188		.807	.509	.2831	.2240	.592	.527
-3001			3.000		1.500	.125	.125	.545	.295	.0914
-3002	.156	.671		.307		.1101		.3291	.405	.700
-3003	.156	.749		.456		.2539		.3292	.582	.663
-3004	2.000	.188		.901	.465	.2984		.3919	.576	.659
-3005		.125		.670	.611	.3929		.2669	.766	.631
-3006		.188		.995	.632	.5649		.3925	.754	.628

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- 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 INCH FOR DIMENSION "A" (2.500 IN COL. "A"); 01 IN 2401 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS.