

Contact Us:

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NOTES ON SYMBOLS

" \bar{y} " = LOCATING DIMENSIONS FOR AXIS XX-YY.

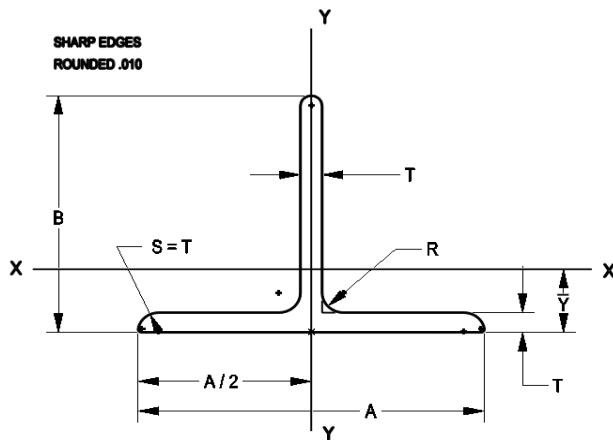
I_{xx} (and I_{yy}) = MOMENT OF INERTIA ABOUT XX and YY.

p_{xx} (and p_{yy}) = RADIUS OF GYRATION ABOUT XX and YY.

	NOMINAL DIMENSIONS				AREA	SECTION ELEMENTS				
	A	B	T	R		\bar{y}	I_{xx}	I_{yy}	p_{xx}	p_{yy}
AND or AMS Extrusion Number	Inches				Square Inches	Inch	Inches ⁴		Inch	
AND10136-1201	1.250	.625	.050	.094	.0937	.121	.0028	.0077	.173	.287
AND10136-1202		.750	.063	.125	.127	.160	.0055	.0098	.209	.276
AND10136-1301	1.375	.750	.050	.094	.106	.148	.0046	.0103	.209	.312
AND10136-1302		1.000	.063	.125	.150	.228	.0131	.0129	.296	.293
AND10136-1303			.078		.183	.235	.0156	.0158	.292	.294
AND10136-1304			.094		.216	.242	.0182	.0188	.290	.295
AND10136-1305		1.250	.094	.240	.327	.0345	.0188	.379	.280	
AND10136-1401	1.500	.750	.063	.125	.141	.141	.0052	.0169	.192	.346
AND10136-1402			.094		.204	.159	.0080	.0244	.198	.346
AND10136-1403		1.000	.078		.193	.225	.0160	.0200	.288	.327
AND10136-1404			.094		.228	.232	.0186	.0245	.286	.328
AND10136-1405			.078		.212	.307	.0301	.0206	.377	.312
AND10136-1406		1.250	.094		.252	.314	.0354	.0245	.375	.312
AND10136-1407			.125		.326	.327	.0449	.0319	.371	.313
AND10136-1501	1.625	.875	.078	.125	.192	.180	.0110	.0263	.240	.370
AND10136-1502			.125		.295	.198	.0161	.0407	.234	.372
AND10136-1503		1.125	.078		.212	.254	.0228	.0263	.328	.352
AND10136-1504			.125		.326	.274	.0339	.0408	.322	.364
AND10136-1505		1.375	.094		.275	.345	.0475	.0314	.415	.338
AND10136-1506			.125		.358	.358	.0605	.0408	.411	.338
AND10136-1507			.156		.437	.370	.0725	.0499	.407	.338
AND10136-1601			1.750		0.875	.094	.125	.240	.179	.0131
AND10136-1602	.125	.311		.191		.0164		.0512	.230	.406
AND10136-1603	1.125	.094		.263	.252	.0273		.0393	.322	.386
AND10136-1604		.156		.418	.276	.0412		.0628	.314	.387
AND10136-1605	1.375	.094		.287	.333	.0484		.0393	.411	.370
AND10136-1606		.156		.457	.358	.0741		.0627	.403	.371
AND10136-1607	1.625	.094		.310	.420	.0777		.0394	.500	.356
AND10136-1608		.125		.405	.434	.0995		.0513	.496	.356
AND10136-1609		.156		.497	.446	.1200		.0629	.492	.356

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

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	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS				
	A	B	T	R		\bar{y} Inch	I_{xx} Inches ⁴	I_{yy} Inches ⁴	p_{xx} Inch	p_{yy} Inch
AND or AMS Extrusion Number	Inches									
AND10136-1701	1.875	1.000	.078	.125	.222	.200	.0169	.0408	.275	.429
AND10136-1702			.094		.263	.207	.0197	.0486	.274	.429
AND10136-1703			.125		.342	.219	.0249	.0635	.270	.430
AND10136-1704		1.250	.125		.373	.294	.0479	.0634	.358	.412
AND10136-1705			.156		.457	.306	.0572	.0776	.354	.412
AND10136-1706			.094		.310	.363	.0631	.0485	.452	.396
AND10136-1707		1.500	.125		.405	.376	.0809	.0635	.447	.396
AND10136-1708			.156		.496	.388	.0973	.0776	.443	.396
AND10136-1709			.156		.535	.477	.1513	.0777	.532	.381
AND10136-2001	2.000	1.000	.078	.125	.231	.194	.0171	.0496	.272	.463
AND10136-2002			.094		.275	.200	.0200	.0592	.270	.464
AND10136-2003			.125		.358	.212	.0253	.0770	.266	.464
AND10136-2004		1.250	.078		.251	.265	.0325	.0495	.360	.444
AND10136-2005			.094		.299	.272	.0383	.0592	.358	.445
AND10136-2006			.125		.389	.285	.0488	.0770	.354	.445
AND10136-2007		1.750	.094		.346	.438	.0995	.0592	.537	.414
AND10136-2008			.125		.451	.451	.1278	.0772	.532	.414
AND10136-2401			2.500		1.250	.094	.125	.346	.241	.0403
AND10136-2402	.125	.452		.254		.0513		.1530	.338	.582
AND10136-2403	.156	.554		.265		.0616		.1881	.333	.583
AND10136-2404	1.625	.094		.381	.351	.0858		.1168	.475	.554
AND10136-2405		.125		.498	.364	.1101		.1530	.470	.554
AND10136-2406		.156		.613	.376	.1329		.1882	.466	.554
AND10136-2407	2.000	.125		.545	.487	.1991		.1531	.604	.530
AND10136-2408		.156		.671	.500	.2412		.1882	.599	.530
AND10136-2409		.188		.807	.509	.2831		.2240	.592	.527
AND10136-3001	3.000	1.500	.125	.125	.545	.295	.0914	.2670	.409	.700
AND10136-3002			.156		.671	.307	.1101	.3291	.405	.700
AND10136-3003		2.000	.156		.749	.456	.2539	.3292	.582	.663
AND10136-3004			.188		.901	.465	.2984	.3919	.576	.659
AND10136-3005		2.500	.125		.670	.611	.3929	.2669	.766	.631
AND10136-3006			.188		.995	.632	.5649	.3925	.754	.628

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