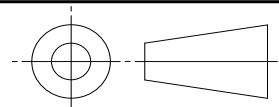


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	AEROSPACE MATERIAL SPECIFICATION ZEE - UNEQUAL LEG EXTRUDED	 AMS10139 REV. B

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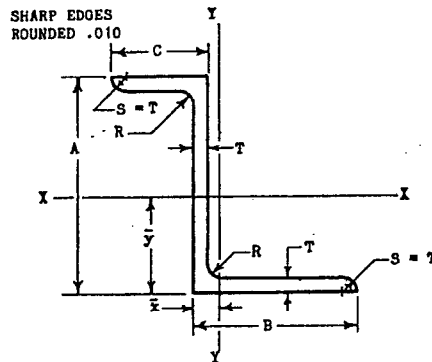
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	ZEE - UNEQUAL LEG EXTRUDED		



AMS 10139 DASH NO'S	NOMINAL DIMENSIONS					AREA Square Inches	SECTION ELEMENTS						
	A	B	C	T	R		$\bar{y}$	$\bar{x}$	I_{xx}	I_{yy}	P_{xx}	P_{yy}	
	Inches						Inches		Inches ⁴		Inches		
-0401	.500	.625	.375	.050	.094	.0727	.211	.105	.0027	.0037	.191	.227	
-0402				.063	.125	.0916	.212	.110	.0033	.0043	.189	.218	
-0403		.750		.050	.094	.0790	.197	.150	.0030	.0055	.194	.264	
-0404				.063	.125	.0995	.198	.154	.0035	.0067	.188	.259	
-0501				.050	.094	.0790	.267	.0985	.0047	.0037	.244	.215	
-0502	.625	.625	.375	.063	.125	.0994	.268	.104	.0057	.0044	.239	.210	
-0503				.050	.094	.0852	.249	.141	.0051	.0056	.244	.256	
-0504		.750		.063	.125	.107	.251	.145	.0061	.0068	.238	.251	
-0505				.063	.125	.147	.282	.121	.0095	.0245	.254	.409	
-0601		1.000		.050	.094	.0852	.324	.0931	.0073	.0037	.293	.208	
-0602	.750	.625	.375	.063	.125	.107	.325	.0984	.0088	.0044	.287	.203	
-0603				.050	.094	.0916	.303	.133	.0078	.0057	.292	.250	
-0604		.750		.063	.125	.115	.305	.138	.0095	.0069	.287	.244	
-0605				.063	.125	.155	.340	.116	.0145	.0246	.306	.399	
-0701		.625		.050	.094	.115	.382	.0937	.0128	.0045	.334	.197	
-0702	.875	.750	.375	.063	.125	.123	.360	.131	.0137	.0070	.334	.238	
-0703				.078		.148	.359	.139	.0158	.0081	.327	.234	
-0704		.875		.050	.094	.110	.367	.136	.0135	.0102	.350	.305	
-0705				.063		.139	.368	.141	.0164	.0124	.344	.299	
-0706				.078		.167	.368	.149	.0191	.0146	.337	.296	
-0707	1.000	.625	.375	.063	.125	.163	.398	.112	.0207	.0247	.357	.390	
-0708				.078		.197	.398	.120	.0242	.0294	.353	.387	
-1001		.750		.050	.094	.0977	.439	.084	.0144	.0037	.384	.196	
-1002				.050		.104	.414	.120	.0154	.0058	.385	.236	
-1003				.078		.158	.415	.133	.0220	.0082	.374	.229	
-1004	1.000	.625	.375	.078		.177	.424	.144	.0271	.0148	.385	.291	
-1005				.094	.125	.209	.423	.152	.0299	.0169	.378	.285	
-1006		.750		.063		.155	.406	.175	.0232	.0171	.388	.332	
-1007				.078		.187	.404	.184	.0277	.0203	.385	.330	
-1101		.625		.375	.125	.131	.499	.0862	.0235	.0045	.424	.186	
-1102	1.125	.625	.375	.050	.094	.123	.480	.125	.0212	.0103	.444	.290	
-1103				.063		.155	.481	.130	.0297	.0126	.438	.285	
-1104		.750		.078		.187	.480	.138	.0348	.0148	.432	.282	
-1105				.094	.125	.220	.480	.146	.0398	.0170	.425	.278	
-1106				.063		.178	.469	.178	.0358	.0268	.448	.388	
-1107	1.125	.625	.375	.078		.216	.468	.187	.0422	.0320	.442	.385	
-1108				.094		.256	.468	.196	.0484	.0373	.435	.382	

NOTES ON SYMBOLS

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

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

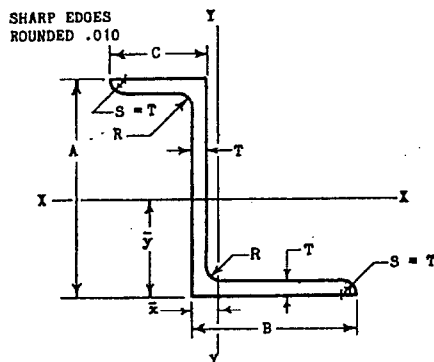
p_{xx} (AND p_{yy}) = RADIUS OF GYRATION ABOUT XX AND YY.

DASH NUMBER: IS DIE NUMBER AND INDICATES EACH SHAPE AND SIZE OF SECTION. EXAMPLE: IN "AND10139-1101", "10139" INDICATES "ZEE-UNEQUAL LEG"; 11 INDICATES 1-1/8 INCH FOR DIMENSION "A" (1.125 IN COL. "A"); 01 IN 1101 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS.

PART MARKING AND DOCUMENTATION MAY BE EITHER AMS 10139 OR AND10139.

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	ZEE - UNEQUAL LEG EXTRUDED			



AMS 10139 DASH NO'S	NOMINAL DIMENSIONS					AREA Square Inches	SECTION ELEMENTS					
	A	B	C	T	R		$\bar{y}$	$\bar{x}$	I_{xx}	I_{yy}	P_{xx}	P_{yy}
	Inches						Inch		Inches ⁴		Inch	
-1201	1.250	.750	.500	.063	.125	.155	.565	.0906	.0360	.0089	.483	.240
-1202				.078		.187	.564	.0983	.0407	.0097	.466	.228
-1203				.063		.178	.566	.133	.0438	.0206	.496	.340
-1204				.094		.256	.545	.150	.0594	.0284	.482	.333
-1205				.078		.245	.532	.189	.0610	.0476	.499	.436
-1206	1.375	.750	.500	.094	.125	.291	.532	.198	.0703	.0554	.492	.437
-1301				.063		.186	.604	.129	.0547	.0207	.542	.334
-1302				.078		.226	.604	.137	.0648	.0246	.536	.330
-1303				.125		.391	.588	.208	.1085	.0693	.527	.421
-1401				.063		.370	.684	.0851	.0556	.0089	.572	.229
-1402	1.500	.750	.500	.078	.125	.206	.683	.0928	.0657	.0105	.564	.226
-1403				.094		.279	.661	.141	.0920	.0286	.574	.320
-1404				.125		.359	.660	.157	.1133	.0351	.561	.313
-1405				.094		.314	.645	.187	.1082	.0559	.587	.422
-1601				.078		.226	.803	.0881	.0956	.0106	.650	.216
-1602	1.750	.750	.500	.094	.125	.267	.802	.0953	.1104	.0122	.643	.213
-1603				.078		.255	.779	.126	.1149	.0249	.671	.312
-1604				.094		.338	.760	.177	.1558	.0564	.679	.409
-2001				.063		.202	.924	.0768	.1112	.0090	.742	.211
-2002				.094		.326	.897	.128	.1839	.0290	.751	.298
-2003	2.000	.750	.500	.078	.125	.304	.877	.160	.1833	.0487	.777	.400
-2004				.094		.361	.876	.168	.2138	.0577	.769	.396
-2005				.125		.516	.858	.229	.3061	.1235	.771	.489
-2201				.078		.304	1.060	.0916	.2233	.0306	.857	.318
-2202				.094		.361	1.060	.0996	.2607	.0442	.850	.308
-2203	2.250	.750	.500	.078	.125	.323	.994	.153	.2422	.0490	.865	.389
-2204				.125		.500	.992	.176	.3563	.0713	.844	.378
-2401				.094		.373	1.212	.0705	.3207	.0266	.927	.267
-2402				.125		.397	1.143	.124	.3508	.0450	.941	.337
-2403				.125		.516	1.142	.140	.4426	.0559	.927	.329
-2404	2.500	.750	.500	.094	.125	.432	1.119	.162	.3989	.0816	.961	.435
-2405				.125		.563	1.118	.178	.5063	.1020	.949	.426
-3001				.125		.563	1.420	.106	.6643	.0431	1.087	.277
-3002				.125		.625	1.356	.166	.7842	.1028	1.120	.406
-3003				.156		.845	1.303	.253	1.0797	.2408	1.131	.534

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MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS.