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AMS 10138

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
9540

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SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AMS SPECIFICATION

ZEE - EQUAL LEG EXTRUDED

AMS 10138
SHEET 1 OF 3

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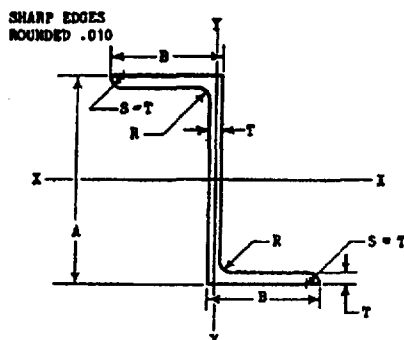
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AMS 10138



AMS 10138 DASH NO'S	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS			
	A	B	T	R		I _{xx}	I _{yy}	p _{xx}	p _{yy}
	Inches					Inches ⁴			
-0101	.500	.625	.050	.094	.0852	.0035	.0068	.203	.283
-0102			.063	.125	.1073	.0042	.0082	.197	.277
-0103			.050	.094	.0977	.0042	.0122	.206	.353
-0104			.063	.125	.1231	.0049	.0148	.200	.346
-0501	.625	.625	.050	.094	.0916	.0060	.0069	.255	.274
-0502			.063	.125	.115	.0071	.0083	.248	.268
-0503			.050	.094	.104	.0070	.0122	.259	.342
-0504			.063	.125	.133	.0084	.0148	.253	.336
-0505	.750	1.000	.063	.125	.163	.0109	.0367	.259	.475
-0601			.050	.094	.0977	.0090	.0068	.304	.264
-0602			.063	.125	.123	.0110	.0082	.298	.259
-0603			.050	.094	.110	.0106	.0122	.310	.333
-0604	.875	.750	.063	.125	.139	.0128	.0148	.304	.326
-0605			.063	.125	.170	.0165	.0367	.312	.464
-0701			.050	.094	.104	.0130	.0068	.353	.257
-0702			.063	.125	.131	.0158	.0083	.347	.253
-0703	.750	.625	.050	.094	.117	.0151	.0122	.360	.323
-0704			.063	.125	.147	.0184	.0148	.354	.317
-0705			.078	.125	.177	.0214	.0175	.348	.314
-0706			.050	.094	.129	.0172	.0197	.365	.393
-0707	1.000	.875	.063	.125	.163	.0210	.0212	.359	.385
-0708			.078	.125	.197	.0215	.0287	.353	.382
-0709			.063	.125	.178	.0236	.0367	.364	.454
-0710			.078	.125	.216	.0276	.0439	.358	.451
-1001	1.000	.625	.050	.094	.110	.0176	.0068	.400	.249
-1002			.063	.125	.139	.0216	.0083	.394	.244
-1003			.050	.094	.123	.0205	.0121	.408	.315
-1004			.063	.125	.155	.0251	.0147	.403	.308
-1005			.078	.125	.187	.0294	.0175	.396	.307
-1006			.063	.125	.170	.0285	.0242	.409	.377
-1007			.078	.125	.206	.0335	.0287	.403	.373
-1008			.094	.125	.244	.0383	.0332	.397	.369
-1009			.063	.125	.186	.0320	.0367	.415	.444
-1010			.078	.125	.226	.0377	.0439	.408	.447

NOTES ON SYMBOLS

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 "AND10138-1001", "10138" INDICATES "ZEE-EQUAL LEG"; 10 INDICATES 1.0 INCH FOR DIMENSION "A" (1.000 IN COL. "A"); 01 IN 1001 IS SERIAL NUMBER ONLY.

MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS.