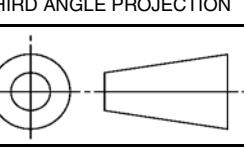
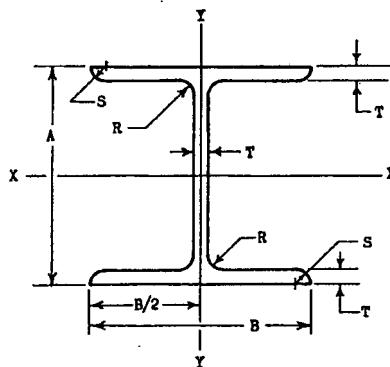


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 <p>AMS SPECIFICATION</p>	<p>AMS 10140A</p>	<p>SHEET 1 OF 3</p>						
<p>I - SECTION - EXTRUDED</p>								

SHARP EDGES
ROUNDED .010

AMS 10140 DASH NO'S	NOMINAL DIMENSIONS				AREA Square Inches	SECTION ELEMENTS				
	A	B	T	R		I _{xx} Inches ⁴	I _{yy} Inches ⁴	P _{xx} Inches	P _{yy} Inches	
-0601					.207	.0206	.0193	.316	.306	
-0602					.250	.0239	.0235	.310	.307	
-0603					.289	.0281	.0111	.314	.378	
-0701					.279	.0373	.0315	.366	.336	
-0702					.329	.0425	.0375	.359	.338	
-0703					.376	.0497	.0626	.364	.408	
-1001					.341	.0580	.0375	.413	.332	
-1002					.388	.0676	.0626	.418	.402	
-1003					.411	.0725	.0786	.420	.437	
-1201					.361	.0970	.0375	.516	.321	
-1202					.411	.1128	.0626	.524	.390	
-1203					.458	.1285	.0971	.530	.460	
-1204					.505	.1442	.1123	.534	.531	
-1401					.411	.1592	.0690	.622	.345	
-1402					.594	.2268	.1023	.618	.415	
-1403					.656	.2564	.1513	.625	.485	
-1404					.781	.3156	.3058	.636	.626	
-2001					.552	.3922	.1183	.813	.463	
-2002					.719	.4946	.1544	.830	.464	
-2401					.607	.6571	.1184	1.04	.442	
-2402					.789	.8315	.1546	1.03	.443	
-3001					.654	.9923	.1184	1.23	.426	
-3002					.851	1.262	.1547	1.32	.426	
-4001					.542	1.298	.0413	1.55	.275	
-4002					.740	1.888	.1184	1.60	.400	
-4003					.969	2.124	.1547	1.58	.400	
-4004					1.52	4.136	.6586	1.65	.658	
-4005					2.00	5.521	1.258	1.66	.794	
-4006					2.60	6.968	1.638	1.64	.794	
-4007					3.53	9.415	3.037	1.63	.928	

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 "AND10140-1401" "10140" INDICATES "I-SECTION"; 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 10140 OR AND10140.