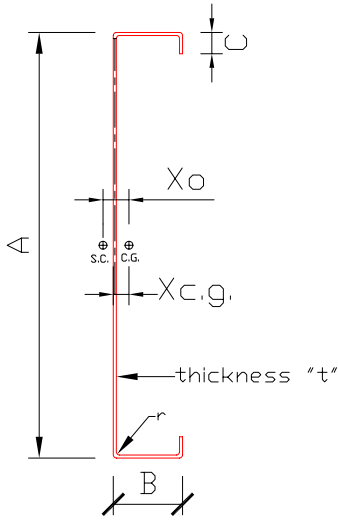


1 - THE TECHNICAL DATA PRESENTED IN THIS SHEET IS INTENDED AS AN AID TO THE DESIGN PROFESSIONAL AND SHOULD NOT BE USED TO REPLACE THE JUDGEMENT OF A QUALIFIED ENGINEER OR ARCHITECT.

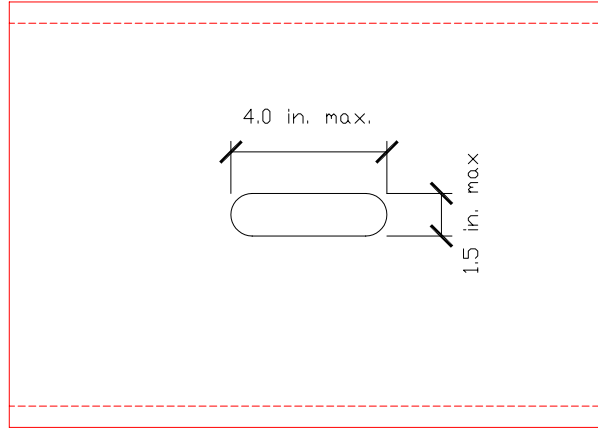
2 - SECTION PROPERTIES ARE COMPUTED ON THE BASIS OF THE DESIGN THICKNESS SHOWN IN THE TABLES. DESIGN THICKNESSES ARE EXCLUSIVE OF COATING.

3 - STRUCTURAL PROPERTIES ARE COMPUTED IN ACCORDANCE WITH CAN/CSA S136-01 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.

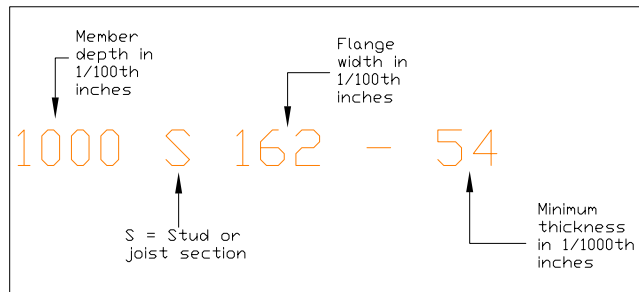
4 - PERFORATIONS ARE ASSUMED TO BE LOCATED AT MID DEPTH AND SPACED AT A MINIMUM OF 24" O.C. THE DISTANCE FROM THE CENTERLINE OF THE LAST PERFORATION TO THE END OF A WALL STUD OR JOIST IS ASSUMED TO BE 12" MINIMUM.



CROSS SECTION



SIDE VIEW



DIMENSIONS							UNPERFORATED PROPERTIES								
Joist Designation	Design Thickness (in)	Depth A (in)	Flange B (in)	Lip C (in)	Weight (lbs/ft)	Yield Fy (ksi)	Area (in ²)	X c.g. (in)	m (in)	Xo (in)	Cw (in ⁶)	J (in ⁴)	j (in)	rx (in)	ry (in)
1000S162-54	0.0566	10	1.625	0.5	2.66	50	0.783	0.302	0.538	0.812	4.2	0.000836	7.42	3.57	0.511
1000S162-68	0.0713	10	1.625	0.5	3.33	50	0.978	0.303	0.531	0.798	5.12	0.00166	7.61	3.55	0.502
1000S162-97	0.1017	10	1.625	0.5	4.67	50	1.37	0.305	0.514	0.768	6.83	0.00473	8.03	3.52	0.484

Joist Designation	UNPERFORATED PROPERTIES							PERFORATED PROPERTIES						
	Mrx (in.kip)	Lu (in)	Mry web.comp. (in.kip)	Mry lips.comp. (in.kip)	Shear Vr (kips)	Web Cripp Pr (kips)	Ix (in ⁴)	Iy (in ⁴)	Sf (in ³)	Mrx (in.kip)	Mry web.comp. (in.kip)	Mry lips.comp. (in.kip)	Shear Vr (kips)	Ix defl. (in ⁴)
1000S162-54	70.7	31.3	6.39	6.96	2.12	1.1	9.95	0.205	1.99	70.7	5.99	6.89	2.12	9.31
1000S162-68	96.9	31	7.95	8.4	4.27	1.67	12.3	0.247	2.47	96.9	7.51	8.32	4.27	11.9
1000S162-97	147	30.4	10.7	10.9	12.6	3.17	17	0.321	3.39	147	10.3	10.8	9.17	17



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SPECIFICATIONS FOR COLD FORMED STEEL JOISTS TYPICALLY USED WITH AmDeck

Drawing Scale:	1" = 1'-0"
Creation Date:	MAY. 2006
Item Number:	
Drawing ID Number:	AMD-SPC-001

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