

**SPECIFICATION FOR VALLITE  
CURVED SINGLE BEVEL GRADER BLADES**

<b>MATERIAL:</b>	Hot rolled steel bars 15B30 Modified		
	Chemical Analysis:	Carbon	.29/.34
		Manganese	.85/1.10
		Phosphorus	.020 max.
		Sulfur	.025 max.
		Silicon	.15/.30
		Boron	.003 max.
<b>THICKNESS:</b>	.750 inches subject to standard steel mill tolerances		
<b>WIDTHS:</b>	6.00 or 8.00 inches subject to standard steel mill tolerances		
<b>LENGTH:</b>	60.00, 72.00, 84.00 inches		
<b>HOLES:</b>	.6875 inches square with countersink to suit #3 head plow or scraper bolt, standard grader spacing of 2 holes, 3.00 and 6.00 inch centers respectively from each end of blade Section, and at 12.00 inch centers between.		
<b>HARDNESS:</b>	The $\frac{3}{4}$ " wearing edge shall be hardened front and back with a primary and secondary hardness. The surface area shall have a Rockwell C hardness of 50 +/- 3, and the core area shall have a Rockwell C hardness of 45 +/- 3.		
<b>CAMBER TOLERANCES:</b>	The actual camber (edge straightness) shall be measured at the midpoint of the edge from a straight line extending from one end of the edge to the other. Maximum camber shall not exceed 1/8" over 5 feet.		