



A Division of Griffiths Corporation

A Griffiths Company

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ISO 9002 Registered
with



STANDARD TOLERANCES

<u>HOLE SIZE</u>	0.062 - 0.499 +/- .002 0.500 - 1.500 +/- .003 (OK TO 10 GA.) 1.501 - 2.000 +/- .005 LARGER HOLES 1/3 MAT. THICKNESS
<u>LOCATION</u>	+/- .005 HELD ON PUNCH SIDE ONLY
<u>CONCENTRICITY</u>	+/- .005 (NORMAL)
<u>BLANK SIZE</u>	+/- .005 (NORMAL)
<u>DRAWS</u>	+/- .010 (NORMAL)
<u>LINEAL</u>	+/- .005 (NORMAL)
<u>FORMED ANGLE</u>	+/- 1 DEGREE
<u>BLANK ANGLE</u>	+/- ½ DEGREE
<u>PERPENDICULAR</u>	+/- .016 PER DEGREE PER 1 INCH
<u>FLAT</u>	+/- .003 PER 1 INCH
<u>BREAK OUT</u>	30% LAND (OK) THE REST ABOUT 60% IS BREAK OUT. (ALUMINUM IS SLIGHTLY MORE)
<u>RADIUS</u>	
<u>PERIPHERY</u>	.010 - .015
<u>INSIDE</u>	.015 MINIMUM (SHOULD BE SAME AS MATERIAL THICKNESS)
<u>OUTSIDE</u>	NONE SHOULD ALWAYS REFERENCE INSIDE RADIUS
<u>EDGE</u>	STANDARD EDGE CONDITION 125 MICRO FINISH

6/14/99

