

Safe & Sound Texas Tolerances

Forming

SIZE	TRIMMED/BEVELED HEIGHT				
	DIAMETER	OUT OF ROUND	CIRCUMFERENCE	AS IS HEIGHT	HEIGHT
24"-29"	+/- 1/16"	0 to 3/16"	+/- 1/8"	+/- 3/8"	+/- 5/16"
30"-39"	+1/8",-1/16"	0 to 3/16"	+/- 1/8"	+/- 3/8"	+/- 5/16"
40"-49"	SEE CIRC & ROUNDNESS	0 to 1/4"	+/- 3/16"	+/- 1/2"	+/- 3/8"
50"-69"	SEE CIRC & ROUNDNESS	0 to 1/4"	+/- 3/16"	+/- 3/4"	+/- 1/2"
70"-89"	SEE CIRC & ROUNDNESS	0 to 1/4"	+/- 3/16"	+/- 7/8"	+/- 5/8"
90"-120"	SEE CIRC & ROUNDNESS	0 to 5/16"	+/- 1/4"	+/- 1"	+/- 3/4"
121"-144"	SEE CIRC & ROUNDNESS	0 to 3/8"	+/- 1/4"	+/- 1.375"	+/- 1"
145"- 175"	SEE CIRC & ROUNDNESS	0 to 1/2"	+/- 1/4"	+/- 1.375"	+/- 1.125"

Thinning

NOM	ASME & STANDARD F&D 100% Dish Radius		2:1 ELLIPTICAL 90% - 99% Dish Radius			80/10 & HIGH CROWN 80% - 89% Dish Radius		
	Min Dia -47"	48"- Max Dia	Min Dia - 59"	60"-72"	73" - Max Dia	28"-67"	68"-120"	120"+
.1875	0.130	0.130	0.125	n/a	n/a	0.125	n/a	n/a
.25	0.187	0.187	0.187	0.188	0.188	0.187	0.187	0.187
.3125	0.250	0.250	0.250	0.250	0.250	0.25	0.25	0.25
.375	0.313	0.313	0.313	0.313	0.313	0.312	0.312	0.312
.5	0.410	0.415	0.406	0.406	0.406	0.406	0.406	0.406
.625	0.520	0.531	0.500	0.513	0.513	0.500	0.505	0.505
.75	n/a	0.650	n/a	0.640	0.640	0.630	0.630	0.630
.875	n/a	0.760	n/a	0.745	0.743	n/a	0.740	0.740
1	n/a	0.875	n/a	0.850	0.845	n/a	0.850	0.850
1.125	n/a	0.980	n/a	0.950	0.940	n/a	0.951	0.951
1.25	n/a	1.105	n/a	1.060	1.060	n/a	1.060	1.060

Tighter tolerances may be available upon request. Ask your sales representative how we can help!