

Laser Cutting

Tolerance Guidelines:

Material tolerances not listed below shall be in accordance with the ASTM, ASME, or AMS specification to which the material was produced and certified.

Haynes International LaPorte (USA)

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|-------------------------|---|
| Thickness: | 0.015" to 0.250" |
| Bed size: | 60" x 120" |
| Minimum width/length: | 0.25" (up to 0.125" thick) and 0.50" (> 0.125" thick) |
| Minimum cut shape size: | 1" |
| size: | Approximately 0.020" |
| Kerf: | 2× thickness with a minimum of 0.062" |
| Minimum hole size: | |



Standard laser processing tolerances are as follows:

- 0.015" to 0.125" thick: $\pm 0.010"$ OD/ID + 0.020"/-0 OD & $\pm 0.020"$ ID
- >0.125" to 250" thick: $\pm 0.015"$ OD/ID + 0.030"/-0 OD & $\pm 0.030"$ ID
- Diagonal tolerance: 3/16" maximum on laser cut items.

If you require tighter tolerances or smaller pieces, please contact one of our [sales representatives](#).

Drawings in .dxf format are preferred. Call for other formats.