

Plasma / Oxy Cut Tolerance

PLATE THICKNESS	CUT TOLERANCE (W/L)	CUT EDGE SQUARENESS (MAX)	RECOMMENDED (ADDED) STOCK ALLOWANCE PER MACHINED SURFACE
3/16" to < 3"	+ / - .0625"	2 °	.125"
3" to < 6"	+ .125" / - .0625"	1-1/2 °	.125"
6" to < 10"	+ / - .125"	1 °	.1875"
10" and Up	+ .250" / - .125"	1 °	.250"

These tolerances are representative of a Standard Part. Multiple internal cuts (ID's), and/or unusual shape or configuration of profile, may affect these. If better tolerance is needed for your part, or is fundamentally critical, we encourage you to send all your requirements. Our Account Managers will find and offer a solution.

Flatness of Plasma or Oxy Cut Plates (with NO additional processing*)

Diagonal Dimension**	< or = .50"	> .50 to 1.00"	> 1.00"
< or = 36"	Inquire / See Below***	.188" max	.063" max
< or = 60"	Inquire / See Below***	.25" max	.188" max
< or = 105"	Inquire / See Below***	Inquire / See Below***	.25" max
> 105"	Inquire / See Below***	Inquire / See Below***	Inquire / See Below***

*Additional Processing includes Straightening, Pressing, Grinding, etc.

**Diagonal dimension can be calculated using the following formula:

$$\sqrt{((\text{Length} * \text{Length}) + (\text{Width} * \text{Width}))}$$

*** Flatness tolerance will be .1875" per foot max.

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