MAJESTIC METALS

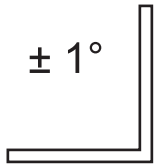
Tolerance Information

Standard Tolerances:

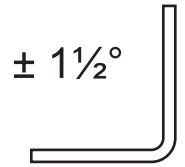
Hole to Hole ± .010
Edge to Edge ± .010
Edge to Hole ± .010
Fold to Edge ± .015
Fold to Hole ± .015
Fold to Fold ± .020

The use of these tolerances will result in a cpk = 1.33 or greater

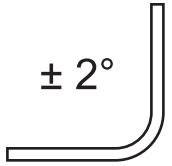
Angle Tolerances



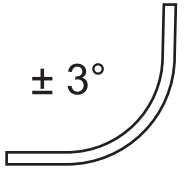
Inside bend radius
Sharp to 1/16"



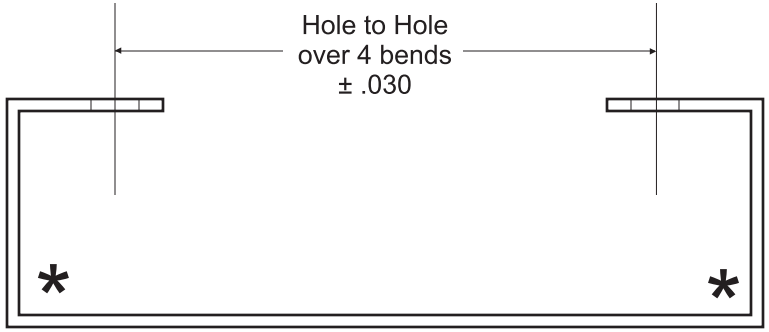
Inside bend radius
3/32" to 3/16"



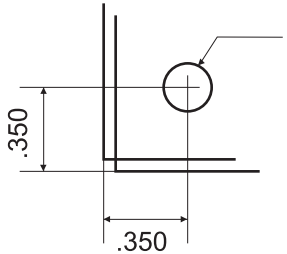
Inside bend radius
7/32" to 3/4"



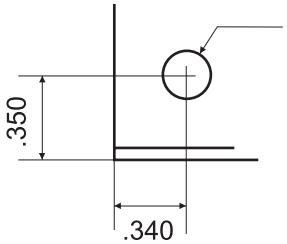
Inside bend radius
Larger than 3/4"



* Restrain square when measuring



Fold to Hole = ± .015
± .015 = ⌖ Ø .042
.042 - ½ total hole tolerance =.032
⌖ Ø .032 Ⓜ



Fold to Hole = ± .015 (⌖ .042)
Edge to Hole = ± .010 (⌖ .028)
.042 + .028 = .070 / 2 = .035
⌖Ø .035 - ½ total hole tolerance
= ⌖Ø .030Ⓜ

Ø .187 ± .010 = ⌖ Ø .025 Ⓜ