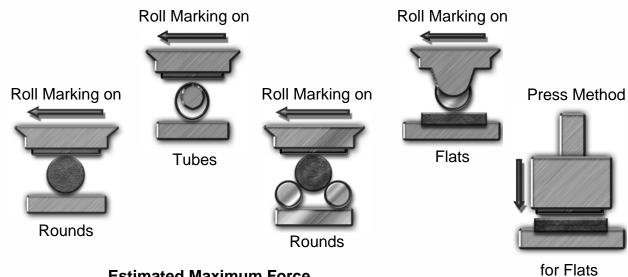


Stamps & Dies

Marking Methods

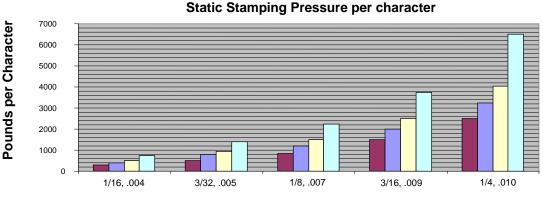


Estimated Maximum Force per Hammer Blow (in lbs)

Size of Hammer	Average Machinist	Experienced Machinist	The "Big Guy"
3/4 lbs	3,000	4,000	5,000
1 lbs	4,400	6,000	7,400
1 1/2 lbs	6,000	8,000	10,000
2 lbs	9,000	12,000	15,000
2 1/2 lbs	12,800	17,000	21,200
3 lbs	22,400	30,000	37,400







Character Size/ Optimal Depth of Mark

Marking Pressure Data

- Aluminum (Cast)
- Brass (Soft)
- 1018 Steel
- Carbon Steel