

## Needle Markings. (600 and 900 Series Concentrics)

Needles have inscribed rings or letters stamped at the head of the needle above the clip grooves. All needles use a constant diameter down to the head of the tapered section. The taper helps to manage the transition from the Needle jet to the Main Jet and varies according to the type of engine or fuel.

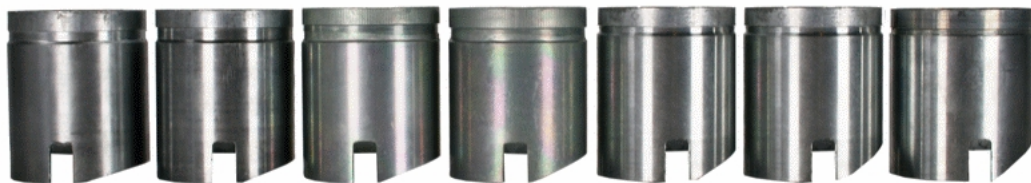


| Markings                  | Where used                | Part No: |
|---------------------------|---------------------------|----------|
| 1 inscribed ring          | 2 Stoke, 600 Series       | 622/063  |
| 2 inscribed rings or 'U1' | 4 Stroke, 600/900 Series  | 622/124  |
| 3 inscribed rings or 'X'  | 2 Stroke, 900 Series      | 928/063  |
| 4 inscribed rings         | Norton 850, Triumph 250cc | 928/104  |
| 5 inscribed rings         | Triumph T160              | 622/278  |
| Y                         | Alcohol, 600 Series       | 622/099  |
| Z                         | Alcohol, 900 Series       | 928/099  |

## Throttle Slides

Throttles Slides are stamped with their identifying size on the bottom surface. Typical markings will be either 622 for a 600 Series slide, 928 for a 900 Series slide, an MB number which is a foundry mark, and a stamped number from 2 to 5 indicating the height of the cutaway on the inlet side of the slide.

The angled cutaway on the slide manages the transition from the pilot circuit, to the needle jet, when the bike is running. Smaller cutaways will richen the mixture, larger cutaways weaken it.



| 600 Series P/N | 900 Series P/N | Stamped as | Height of cutaway |
|----------------|----------------|------------|-------------------|
| 622/0602       | 928/0602       | 2          | 1/8" <b>RICH</b>  |
| 622/06025      | 928/06025      | 2 1/2      | 5/32"             |
| 622/0603       | 928/0603       | 3          | 3/16"             |
| 622/06035      | 928/06035      | 3 1/2      | 7/32"             |
| 622/0604       | 928/0604       | 4          | 1/4"              |
| 622/06045      | 928/06045      | 4 1/2      | 9/32"             |
| 622/0605       | 928/0605       | 5          | 5/16" <b>LEAN</b> |