

STANDARD FEATURES FOR LAMP AND BASE TUBING AND ROD  
SZUG BUFORD FACILITY

| Feature                   | Range                                                                                                                         | Tolerance                                | Note       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|
| Ovality                   |                                                                                                                               | $\leq \frac{1}{2}$ / of the OD Tolerance |            |
| Siding                    |                                                                                                                               | $\leq \frac{1}{2}$ / of the WT Tolerance |            |
| Bow                       |                                                                                                                               | $\leq 1 \text{ mm} / 1\text{m}$          | Unannealed |
|                           |                                                                                                                               | $\leq 1.5 \text{ mm} / 1\text{m}$        | Annealed   |
| Snap Cut Length           | Length<br>$\geq 500 \text{ mm} - \leq 2600 \text{ mm}$<br>OD $\leq 40 \text{ mm}$<br>WT $\leq 6 \text{ mm}$                   | + 25 mm - 0 mm                           |            |
|                           | Length<br>$\geq 500 \text{ mm} - \leq 2600 \text{ mm}$<br>QD $> 40 \text{ mm} - \leq 90 \text{ mm}$<br>WT $\leq 6 \text{ mm}$ | + 50 mm - 0 mm                           |            |
| Precision Snap Cut Length | Length<br>$\geq 500 \text{ mm} - \leq 2600 \text{ mm}$<br>OD $\leq 12 \text{ mm}$<br>WT $\leq 1.5 \text{ mm}$                 | $\pm 3 \text{ mm}$                       |            |
| Saw Cut Length            | $> 1000\text{mm} - \leq 2600\text{mm}$<br>OD $\geq 10 \text{ mm}$<br>WT $\geq 1 \text{ mm}$                                   | $\pm 3 \text{ mm}$                       |            |
| End of Tube Squareness    |                                                                                                                               | Typical $90^\circ \pm 2^\circ$           |            |
| End of Tube Chipping      | Radial Depth at the Ends                                                                                                      | 50% of WT                                |            |
|                           | Axial Direction at the Ends                                                                                                   | 2 mm Maximum                             |            |

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