

PROPOSED SMPTE RECOMMENDED PRACTICE Insertion Pivot for Studio Lighting Units and Mating Holders for Use with Standing and Hanging Support Systems

Purpose

The Professional Motion Picture Equipment Association (PMP-EA) determined in 1978 that a committee should be formed to investigate the need for standardization of studio lighting hardware. In cooperative efforts, the Society of Motion Picture and Television Engineers joined with the PMP-EA to form the Working Group for Studio Lighting Hardware Standardization. Initial investigations began with the lighting pin. The premise for such an investigation was to provide a universal nomenclature and proper adaptability of the pin size.

1 Scope

This practice specifies the dimensions for an insertion pivot used for mounting studio lighting units on standing or hanging support devices, the mating holders for the insertion pivot, and the mating devices for holding or hanging stage lighting devices weighing less than 22 lbs (10 kg).

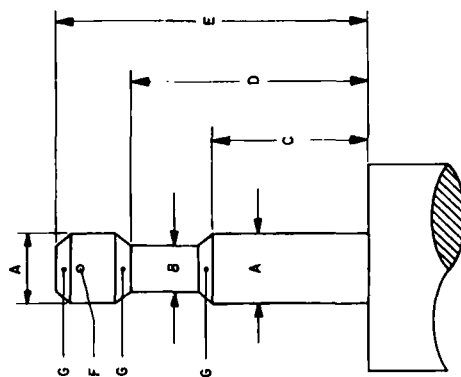


Figure 1 - Insertion pivot (baby pin)

Table 1 - Specifications

| Dimensions | Inches | Millimeters |
|---------------|-----------------------|---------------------|
| A | 0.625 + 0.002 - 0.003 | 15.88 + 0.05 - 0.08 |
| B | 0.50 ± 0.01 | 12.7 ± 0.3 |
| C | 1.50 ± 0.01 | 38.1 ± 0.3 |
| D | 2.44 ± 0.01 | 62.0 ± 0.3 |
| E | 2.50 ± 0.01 | 63.5 ± 0.3 |
| F (#30 drill) | 0.128 nom | 3.25 nom |
| G (chamfer) | 45° x 0.06 nom | 45° x 1.5 nom |

The dimensions shall be as specified in the figures and tables.

2 Dimensions

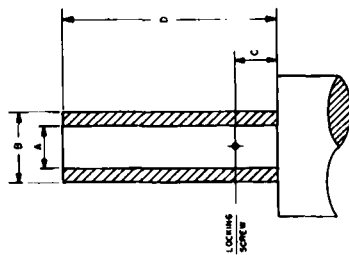


Figure 2 - Stand mount for baby units

Table 2 - Specifications

| Dimensions | Inches | Millimeters |
|------------|-------------------|------------------|
| A | 0.635 + 0.010 - 0 | 16.13 + 0.25 - 0 |
| B | 0.75 min | 19.0 min |
| C | 0.87 ± 0.01 | 22.1 ± 0.03 |
| D | 2.63 ± 0.01 | 66.8 ± 0.03 |

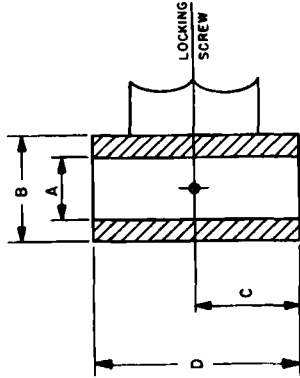


Figure 3 - Hanger mount for baby units

Table 3 - Specifications

| Dimensions | Inches | Millimeters |
|------------|-------------------|------------------|
| A | 0.635 + 0.010 - 0 | 16.13 + 0.25 - 0 |
| B | 0.75 min | 19.0 min |
| C | 0.63 ± 0.01 | 16.0 ± 0.3 |
| D | 1.25 ± 0.01 | 31.8 ± 0.3 |