

# Insertion-Extraction Hold-Down

**CARLISLE**  
INTERCONNECT TECHNOLOGIES



Insertion-Extraction Hold-Down

## CONSTRUCTION

### Materials

- » Aluminum body with anodize finish
- » Corrosion resistant steel shaft with passivation
- » RoHS Compliant

### Fasteners

- » Installation via #6-32 (.138-32) UNC screws using standard tooling

## SPECIFICATIONS

### Performance Standards:

- » BPS-C-157
- » RTCA/DO-160G

### Designed for use with equipment:

- » ARINC 404A
- » ARINC 600
- » ARINC 628
- » ARINC 704A
- » ARINC 738A-1

### Weight

- » 59g Max



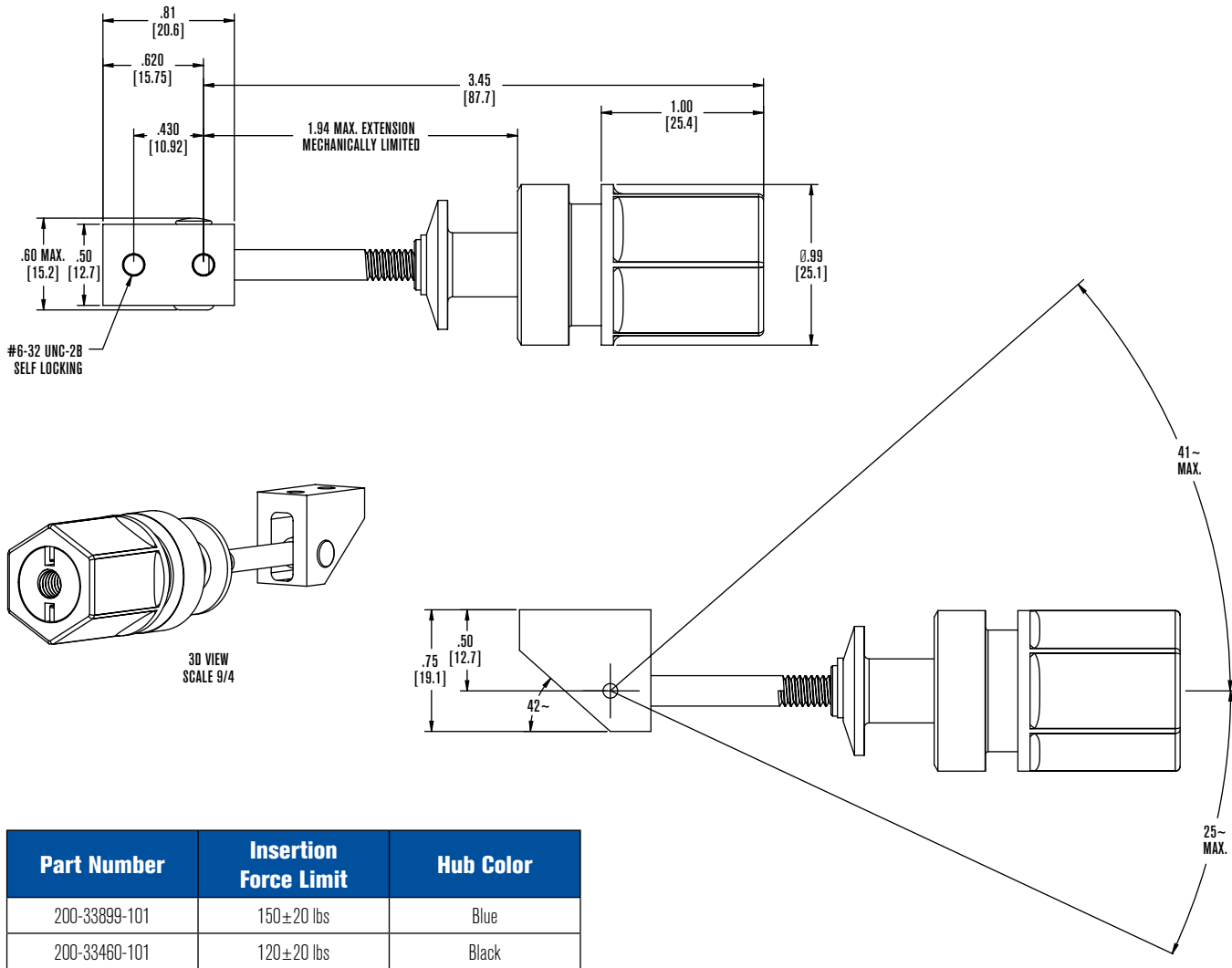
Light Weight Tray

## FEATURES & BENEFITS

### Function

- » Force limiting clutch
- » Jammed mechanism release per ARINC 600
- » 7/8" socket drive body
- » 1/2" extraction of LRU

# Insertion-Extraction Hold-Down



Part Number	Insertion Force Limit	Hub Color
200-33899-101	150±20 lbs	Blue
200-33460-101	120±20 lbs	Black

## TESTED TO MEET THE FOLLOWING REQUIREMENTS

### Temperature Cycling

» BPS-C-157 section 3.6.2, +125° C / -65° C

### Salt Spray

» MIL-STD-1344 Method 1001.1, Test Condition B (48 Hours)

### Operational Shock

» RTCA/DO-160G section 7.2.1, 6g 11ms terminal sawtooth (3 shocks in all 6 directions)

### Crash Safety Impulse

» RTCA/DO-160G section 7.3.1, 20g (1 shock in all 6 directions)

### Crash Safety Sustained

» RTCA/DO-160G section 7.3.3, 20g (3 seconds minimum in all 6 directions)

### Robust Vibration

» RTCA/DO-160G section 8.7.2, Random Category R, Curve B3 & B4  
 » BPS-C-157 section 3.6.4

### High Power Short Duration Engine Imbalance

» RTCA/DO-160G section 8.6, Sinusoidal Category H, Curve R

### Mechanical Endurance

» 250 Cycles Minimum