

GENERAL NOTES:

- 1] Head edge out of roundness shall not exceed "F".
2. Concentricity: Conical surface of head to "D" diameter within .005 FIR.
3. "H" is dimensioned from maximum "D" diameter.
4. Dimensions are in inches and to be met after finish.
5. Surface texture per ASME B46.1.
6. Hole preparation per NAS618.
- 7] Fatigue test pins having grip equal two diameters or longer using these loads at R=0.1.
- 8] Curved or flat edge manufacturer's option.
9. Use HST833 for oversize replacement.

MATERIAL: Alloy steel per AMS6415, AMS6349 or AMS6322

HEAT TREAT: 108,000 psi tensile minimum (180,000-200,000 psi tensile per AMS-H-6875).

FINISH: HST823-()-() = Cadmium plate per Spec. AMS-QQ-P-416.Type II, with color black on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
 HST823BJ()-() = I.V.D. aluminum coating per MIL-DTL-83488, Type II, Class 3, and cetyl alcohol lube per Hi-Shear Spec. 305.
 HST823CE()-() = I.V.D. aluminum coating per MIL-DTL-83488, Type II (.00015-.00045 thick). with color black on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
 HST823CG()-() = Cadmium plate per Spec. AMS-QQ-P-416.Type II, with color green on thread, end and cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: HI-LITE™ Product Specification 380, except as noted 7 .

CODE: First dash number indicates nominal diameter in 1/32nds of the pin which HST823 oversize pin replaces.
 Second dash number indicates maximum grip in 1/16ths.
 See Finish note for explanation of code letters.

**HOW TO ORDER
 EXAMPLE:**

Pin Part Number
HST823CE8-8
 └── 8/16 or 1/2 Maximum Grip Length
 └── 8/32 or 1/4 Nominal Diameter Pin
 └── Finish Code
 └── Pin Basic Part Number

HST823

DRAWING NUMBER

HST823

2 OF 2