GENERAL NOTES:
1. Head edge out of roundness shall not exceed .001 in.
2. Concentricity: Conical surface of head to "D" diameter within .003 in.
3. "H" is dimensioned from maximum "D" diameter.
4. Dimensions to be mat after finish.
5. Surface texture per ANSI B481.
6. Holes preparation per NAS978.
7. Maximum "D" diameter may be increased by .002 to allow for solid film or aluminum coating application.
8. Curved or flat edge manufacturer's option.
10. Use HST11 for oversize replacement.

MATERIAL: 6AL-4V titanium alloy per AMS4928 or AMS4967.

HEAT TREAT: 160,000 psi tensile minimum (95,000 psi shear minimum for sizes up to 3/4),
90,000 psi shear minimum for 7/8 and larger.

FINISH:
- HST11-1: Cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11A1( ) = Hi-Kote 1 aluminum coating per Hi-Shear Spec. 294, with color orange on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11AP( ) = Hi-Kote 1 aluminum coating per Hi-Shear Spec. 294, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11AZ( ) = Hi-Kote 1 aluminum coating per Hi-Shear Spec. 294, with color black on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11B1( ) = I.V.D. aluminum coating per MIL-DTL-83488, Type II, Class 3, with color code black on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11I1( ) = I.V.D. aluminum coating per MIL-DTL-83488, Type II, Class 3, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11C1( ) = Color orange on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11K1( ) = Hi-Kote 1 aluminum coating per Hi-Shear Spec. 305.
- HST11K1V( ) = Hi-Kote 1 aluminum coating per Hi-Shear Spec. 305, with color code orange on thread end, and apply Precote No. PR1436G sealant (0.002-.005 thick), and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11K2( ) = I.V.D. aluminum coating per ACET 0012, and cetyl alcohol lube per ACET 0013.
- HST11K3( ) = Solid film lube per "Lubeco" 905.
- HST11K4( ) = Hi-Kote 1 aluminum coating per Hi-Shear Spec. 294, with color white on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11L1( ) = Solid film lube per Kallgard RA.
- HST11P1( ) = Phosphata fluoride treat with color orange on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11P1V( ) = Phosphata fluoride treat, solid film lube per AS5272, Type I, and color orange on thread end.
- HST11B1( ) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11F1( ) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292.
- HST11F2( ) = Surface coating per Hi-Shear Spec. 305, Type I, color blue, with color black on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.
- HST11V1( ) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292 on threads only, with color black on thread end, and cetyl alcohol lube per Hi-Shear Spec. 305.


CODE: First dash number indicates nominal diameter in 1/16nds.
Second dash number indicates maximum grip in 1/16ths.
See Finish note for explanation of code letters.

HOW TO ORDER EXAMPLES:
- Pin Part Number Only
  - HST11-8-8
    - 8/16 or 1/2 Maximum Grip Length
    - 8/32 or 1/4 Nominal Diameter Pin
    - Pin Part Number