## STANDARDS COMMITTEE
FOR HI-LOK® PRODUCTS
2600 SKYPARK DRIVE, TORRANCE, CALIFORNIA 90509 U.S.A.

### HI-LOK® PIN AND COLLAR AFTER ASSEMBLY

**GENERAL NOTES:**
1. Conicinity: "A" to "D" diameter within .010 F.M.
2. Dimensions to be met after finish.
3. Surface texture per ANSI B41.1.
4. Hole preparation per NAS981.

**MATERIAL:**
Alloy steel per AMS6415, AMS6349 or AMS-S-6049.

**HEAT TREAT:**
90,000 psi shear (160,000 - 180,000 psi tensile) per AMS-H-8675.

**FINISH:**
HL202I( ) = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Sheer Spec. 305.

**SPECIFICATION:**
Hi-Lok Product Specification 342.

### CODE:
First dash number indicates nominal diameter in 1/32nds of the pin which HL202 oversized 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 Only**
HL202-8-8

**Pin and Collar Assembly Part Number Combination**
HL20279-8-8

**PART NUMBERING SYSTEM:**

| FIRST DASH NO. | PIN NOM. | A DIA | B REF | D REF | TD DIA | G REF | H R | R RAD | S CHAMFER REF | SOCKET THREAD | W HEX | T YD | TENSION POUNDS MINIMUM | DOUBLE SHEAR POUNDS MINIMUM | TYPICAL COLLAR: HL276, HL34
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<td>7/32</td>
<td>340</td>
<td>.360</td>
<td>2399</td>
<td>1840</td>
<td>.025</td>
<td>.025</td>
<td>1/32 x 45°</td>
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<td>.015</td>
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<td>2592</td>
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**REVISION**
JFO 3-7-06

**DRAWING NUMBER**
10

**TITLE**
HI-LOK® PIN PROTRUDING SHEAR HEAD ALLOY STEEL 1/16 GRIP VARIATION, 3/64" OVS