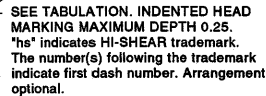




|                                                                                         |                                      |                                                     |                                  |
|-----------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------|----------------------------------|
| HI-SHEAR CORPORATION, U.S.A.<br>Division of HI-Shear Industries, Inc., U.S.A.           | (Patent Holder) ..... CAGE No. 73197 | KAMAX-WERKE Germany<br>Rudolph Collerman GmbH & Co. | (Licensee-EEC Countries)         |
| ASR INDUSTRIES CO., INC.<br>..... (Licensee - U.S. & Canada)                            | CAGE No. 00725                       | SIMMONDS S.A. France                                | (Licensee-EEC Countries-Collars) |
| SPS TECHNOLOGIES, U.S.A.<br>..... (Licensee)                                            | CAGE No. 56078                       | ST-CHAMOND GRANT S.A. France                        | (Licensee-EEC Countries)         |
| HI-SHEAR FASTENERS EUROPE LTD., U.S.A.<br>Division of HI-Shear Industries, Inc., U.S.A. | (Licensee) ..... CAGE No. 0LB60      | TOKYO SCREW COMPANY, Japan                          | (Licensee-Japan)                 |



**SEE COLLAR STANDARDS  
FOR COLLAR STRENGTHS.  
LOWER STRENGTH (PIN OR  
COLLAR) DETERMINES  
SYSTEM STRENGTH.**

**GENERAL NOTES:**

1. Concentricity: "A" to "D" diameter within 0.25 FIR.
2. Dimensions to be met after finish.
3. Surface texture per ISO/R468.

**FINISH:** HSTMJ32(-)(-) = Passivate per Hi-Shear Spec. 258,  
and cetyl alcohol lube per Hi-Shear Spec. 305.  
HSTMJ32TB(-)(-) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292,  
and cetyl alcohol lube per Hi-Shear Spec. 305.

|          |         |                                     |
|----------|---------|-------------------------------------|
| DRAWN    | DATE    | TITLE                               |
| D. P. S. | 7-14-92 | HI-LITE® ST™ PIN (MJ METRIC SERIES) |
| APPROVED | DATE    | PROTRUDING TENSION HEAD             |
| A. BROWN | 7-15-92 | NICKEL BASE ALLOY (INCONEL 718)     |
| REVISION | DATE    | 1 mm GRIP VARIATION                 |
|          |         | DRAWING NUMBER                      |
|          |         | HSTMJ32                             |