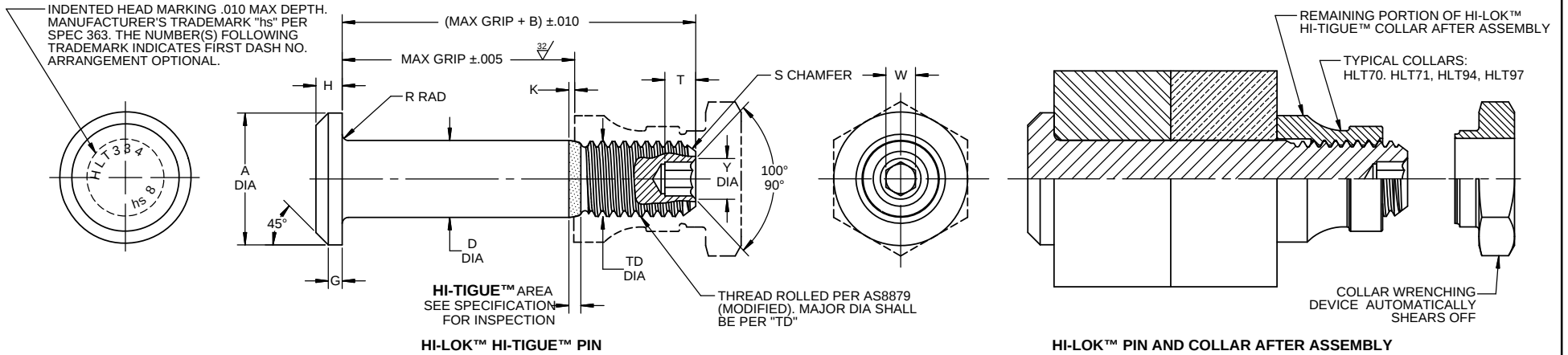


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| FIRST DASH NO. | PIN NOM DIA | A DIA        | B REF | D DIA              |                         | TD DIA         | G REF. | H            | K REF. | R RAD        | S CHAMFER REF | THREAD MODIFIED     | SOCKET         |              |              | DOUBLE SHEAR POUNDS MINIMUM | TENSION POUNDS MINIMUM |
|----------------|-------------|--------------|-------|--------------------|-------------------------|----------------|--------|--------------|--------|--------------|---------------|---------------------|----------------|--------------|--------------|-----------------------------|------------------------|
|                |             |              |       | WITH CETYL ALCOHOL | AFTER COATING OR S.F.L. |                |        |              |        |              |               |                     | W HEX          | T DEPTH      | Y DIA        |                             |                        |
| 4              | 1/8         | .250<br>.230 | .294  | .1375<br>.1370     | .1375<br>.1365          | .1335<br>.1310 | .020   | .042<br>.032 | .010   | .020<br>.010 | 1/32 x 37°    | .1380-32<br>UNJC-3A | .0645<br>.0635 | .100<br>.080 | .090<br>.075 | 2,840                       | 1,350                  |
| 5              | 5/32        | .262<br>.242 | .312  | .1640<br>.1635     | .1640<br>.1630          | .1595<br>.1570 | .020   | .047<br>.037 | .013   | .025<br>.015 | 1/32 x 37°    | .1640-32<br>UNJC-3A | .0645<br>.0635 | .100<br>.080 | .090<br>.075 | 4,010                       | 1,940                  |
| 6              | 3/16        | .315<br>.295 | .325  | .1895<br>.1890     | .1895<br>.1885          | .1840<br>.1810 | .025   | .055<br>.045 | .016   | .025<br>.015 | 1/32 x 37°    | .1900-32<br>UNJF-3A | .0806<br>.0791 | .100<br>.080 | .119<br>.104 | 5,380                       | 2,500                  |
| 8              | 1/4         | .412<br>.387 | .395  | .2495<br>.2490     | .2495<br>.2485          | .2440<br>.2410 | .030   | .069<br>.059 | .021   | .025<br>.015 | 1/32 x 45°    | .2500-28<br>UNJF-3A | .0967<br>.0947 | .110<br>.090 | .142<br>.122 | 9,300                       | 4,300                  |
| 10             | 5/16        | .505<br>.475 | .500  | .3120<br>.3115     | .3120<br>.3110          | .3060<br>.3020 | .035   | .078<br>.068 | .026   | .030<br>.020 | 3/64 x 37°    | .3125-24<br>UNJF-3A | .1295<br>.1270 | .130<br>.110 | .180<br>.160 | 14,600                      | 6,300                  |
| 12             | 3/8         | .600<br>.565 | .545  | .3745<br>.3740     | .3745<br>.3735          | .3680<br>.3640 | .040   | .088<br>.078 | .030   | .030<br>.020 | 3/64 x 37°    | .3750-24<br>UNJF-3A | .1617<br>.1582 | .160<br>.140 | .217<br>.197 | 21,000                      | 8,700                  |
| 14             | 7/16        | .676<br>.641 | .635  | .4370<br>.4365     | .4370<br>.4360          | .4310<br>.4260 | .045   | .105<br>.093 | .035   | .030<br>.020 | 3/64 x 37°    | .4375-20<br>UNJF-3A | .1930<br>.1895 | .190<br>.170 | .253<br>.233 | 28,600                      | 12,100                 |
| 16             | 1/2         | .770<br>.735 | .685  | .4995<br>.4990     | .4995<br>.4985          | .4930<br>.4880 | .050   | .116<br>.103 | .039   | .030<br>.020 | 3/64 x 37°    | .5000-20<br>UNJF-3A | .2242<br>.2207 | .220<br>.200 | .289<br>.269 | 37,300                      | 15,300                 |
| 18             | 9/16        | .864<br>.829 | .770  | .5615<br>.5610     | .5615<br>.5605          | .5550<br>.5500 | .055   | .127<br>.112 | .039   | .040<br>.025 | 1/16 x 37°    | .5625-18<br>UNJF-3A | .2555<br>.2520 | .260<br>.240 | .326<br>.306 | 47,200                      | 19,000                 |

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

HLT334

"HI-LOK", "HI-TIGUE", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION

|                        |                               |                                                                                            |
|------------------------|-------------------------------|--------------------------------------------------------------------------------------------|
| DRAWN BY<br>VAN        | DATE<br>1970-02-11            | TITLE<br>HI-LOK™ HI-TIGUE™ PIN<br>PROTRUDING SHEAR HEAD<br>TITANIUM<br>1/16 GRIP VARIATION |
| APPROVED<br>VON MILLER | DATE<br>1970-02-17            |                                                                                            |
| REVISION<br>13         | DATE<br>M.BEARD<br>2017-05-10 | DRAWING NUMBER<br><b>HLT334</b>                                                            |

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