

# "PRECISION" HSS SPECIAL PURPOSE DRILLS - USA

## NO. S 96-37 "PRECISION" EXTRA LONG COBALT DRILLS, 135° SPLIT POINT, BRONZE OXIDE NAS 907, TYPE J



**6" LENGTH FRACTIONAL SIZE (CO500-6)**  
**6" LENGTH WIRE SIZE (CO501-6)**

Manufactured to National Aerospace Standard 907. Made of heat resistant cobalt. 135° split point is self-centering and reduces thrust. Ideal for drilling in tough, high tensile strength materials, where extra length for reach is required.

| Item No.                         | EDP No. | Dia. (inch) | Flute Lgth. (inch) | O.L. (inch) | Price (pc) |
|----------------------------------|---------|-------------|--------------------|-------------|------------|
| <b>Fractional Size (CO500-6)</b> |         |             |                    |             |            |
| 096-37-ACSC04                    | 53604   | 1/16        | 7/8                | 6           |            |
| 096-37-ACSC05                    | 53605   | 5/64        | 1                  | 6           |            |
| 096-37-ACSC06                    | 53606   | 3/32        | 1-1/4              | 6           |            |
| 096-37-ACSC07                    | 53607   | 7/64        | 1-1/2              | 6           |            |
| 096-37-ACSC08                    | 53608   | 1/8         | 1-5/8              | 6           |            |
| 096-37-ACSC09                    | 53609   | 9/64        | 1-3/4              | 6           |            |
| 096-37-ACSC10                    | 53610   | 5/32        | 2                  | 6           |            |
| 096-37-ACSC11                    | 53611   | 11/64       | 2-1/8              | 6           |            |
| 096-37-ACSC12                    | 53612   | 3/16        | 2-5/16             | 6           |            |
| 096-37-ACSC14                    | 53614   | 7/32        | 2-1/2              | 6           |            |
| 096-37-ACSC15                    | 53615   | 15/64       | 2-5/8              | 6           |            |
| 096-37-ACSC16                    | 53616   | 1/4         | 2-3/4              | 6           |            |
| 096-37-ACSC20                    | 53620   | 5/16        | 3-1/8              | 6           |            |
| <b>Wire Size (CO501-6)</b>       |         |             |                    |             |            |
| 096-37-ACWC06                    | 53706   | # 6         | 2-1/2              | 6           |            |
| 096-37-ACWC16                    | 53716   | # 16        | 2-3/16             | 6           |            |
| 096-37-ACWC21                    | 53721   | # 21        | 2-1/8              | 6           |            |
| 096-37-ACWC30                    | 53730   | # 30        | 1-5/8              | 6           |            |

Packing : 12 pcs/pack

## NO. S 96-37X "PRECISION" HSS WIDE LAND PARABOLIC FLUTE DESIGN, 135° SPLIT POINT (QC1290P)



| Item No.     | EDP No. | Dia. (inch) | Flute L. (inch) | O.L. (inch) | Price (pc) |
|--------------|---------|-------------|-----------------|-------------|------------|
| 096-37X-CS25 | 60325   | 25/64       | 9               | 6           |            |

Packing : 1 pce/pack

## NO. S 96-38 "PRECISION" HSS THREADED HEX SHANK DRILLS, BLACK OXIDE NAS 965 TYPE B, 135° SPLIT POINT



**FRACTIONAL SIZE, STUB LENGTH (TS40)**  
**FRACTIONAL SIZE, SHORT LENGTH (TS10)**  
**WIRE SIZE, SHORT LENGTH (TS18)**  
**LETTER SIZE, SHORT LENGTH (TS15)**  
**FRACTIONAL SIZE, LONG LENGTH (TS51)**  
**WIRE SIZE, LONG LENGTH (TS52)**  
**LETTER SIZE, LONG LENGTH (TS55)**

Manufactured to National Aerospace Standard 965, Type B. For general to medium-duty drilling in low tensile strength materials, in confined areas. Black oxide surface treated.

continue...

## NO. S 96-38 (Continued)

| Item No.                                 | EDP No.     | Dia. (inch)   | Lgth. of Hex Flat (inch) | Flute Lgth. (inch) | O.L. (inch) | Price (pc) |
|--|-------------|---------------|--------------------------|--------------------|-------------|------------|
| <b>STUB LENGTH TS40 Fractional Size</b>  |             |               |                          |                    |             |            |
| 096-38-TH06 *                            | SP0583      | 3/32 (0.938)  | 1/8                      | 5/16               | 1/2         |            |
| 096-38-TH08                              | 45808       | 1/8           | 1/8                      | 5/16               | 1/2         |            |
| 096-38-TH10 *                            | SP0584      | 5/32 (0.1562) | 1/8                      | 5/16               | 1/2         |            |
| 096-38-TH12 *                            | SP0585      | 3/16 (0.1875) | 1/8                      | 5/16               | 1/2         |            |
| 096-38-TH16 *                            | SP0586      | 1/4 (0.2500)  | 1/8                      | 5/16               | 1/2         |            |
| <b>SHORT LENGTH TS10 Fractional Size</b> |             |               |                          |                    |             |            |
| 096-38U-TH08                             | 45708       | 1/8           | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38U-TH10                             | 45710       | 5/32          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38U-TH12                             | 45712       | 3/16          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38U-TH16                             | 45716       | 1/4           | 5/16                     | 9/16               | 1-1/4       |            |
| <b>TS18 Wire Size</b>                    |             |               |                          |                    |             |            |
| 096-38V-THW10                            | 45610       | # 10          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38V-THW11                            | 45611       | # 11          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38V-THW13 *                          | -           | # 13          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38V-THW21                            | 45621       | # 21          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38V-THW30                            | 45630       | # 30          | 1/4                      | 9/16               | 1-1/4       |            |
| 096-38V-THW40                            | 45640       | # 40          | 1/4                      | 9/16               | 1           |            |
| <b>TS15 Letter Size</b>                  |             |               |                          |                    |             |            |
| 096-38W-THLD *                           | -           | D             | 5/16                     | 9/16               | 1-1/4       |            |
| 096-38W-THLF                             | 45606       | F             | 5/16                     | 9/16               | 1-1/4       |            |
| 096-38W-THLG *                           | -           | G             | 5/16                     | 9/16               | 1-1/4       |            |
| <b>LONG LENGTH TS51 Fractional Size</b>  |             |               |                          |                    |             |            |
| 096-38X-TH06 *                           | SP0645      | 3/32          |                          | 1-1/8              | 2-1/8       |            |
| 096-38X-TH08                             | 17958       | 1/8           | 1/4                      | 7/8                | 2-1/8       |            |
| 096-38X-TH10                             | 17960       | 5/32          | 1/4                      | 1-1/8              | 2-1/8       |            |
| 096-38X-TH12                             | 17962       | 3/16          | 1/4                      | 1-1/8              | 2-1/8       |            |
| 096-38X-TH14                             | 17964       | 7/32          | 5/16                     | 1-1/8              | 2-1/8       |            |
| <b>TS52 Wire Size</b>                    |             |               |                          |                    |             |            |
| 096-38Y-THW10                            | 17910       | # 10          | 1/4                      | 1-1/8              | 2-1/8       |            |
| 096-38Y-THW13 *                          | Titan Brand | # 13          | 1/4                      | 1-1/8              | 2-1/8       |            |
| 096-38Y-THW20                            | 17920       | # 20          | 1/4                      | 1-1/8              | 2-1/8       |            |
| 096-38Y-THW30                            | 17930       | # 30          | 1/4                      | 1-1/8              | 2-1/8       |            |
| 096-38Y-THW41 *                          | Titan Brand | # 41          | 1/4                      | 7/8                | 2-1/8       |            |
| 096-39X-THDS1610 *                       |             | 0.1610        |                          |                    |             |            |
| 096-39X-THDS2026 *                       |             | 0.2026        |                          |                    |             |            |
| 096-39X-THDS2050 *                       |             | 0.2050        |                          |                    |             |            |
| 096-39X-THDS2310 *                       |             | 0.2310        |                          |                    |             |            |
| 096-39X-THDS2651 *                       |             | 0.2651        |                          |                    |             |            |

Packing : 6 pcs/pack

## NO. S 96-40 "PRECISION" COMBINED DRILL AND COUNTERSINK, HSS, BRIGHT FINISH, REGULAR LENGTH, NUMBER SIZE (76HA)



**PLAIN TYPE, 60°**

Is used for centering work ends, where the workpiece is to be revolved on machine centers. 60° countersink angle fits all standard centers.

| Item No.    | EDP No. | Dia. No. | Body Dia. (inch) | Drill Dia. (inch) | O.L. (inch) | Price (pc) |
|-------------|---------|----------|------------------|-------------------|-------------|------------|
| 096-40-DC0  | 97610   | # 0      | 1/8              | 1/32              | 1-1/8       |            |
| 096-40-DC00 | 97620   | # 00     | 1/8              | 0.025             | 1-1/8       |            |
| 096-40-DC01 | 97601   | # 1      | 1/8              | 3/64              | 1-1/4       |            |
| 096-40-DC02 | 97602   | # 2      | 3/16             | 5/64              | 1-7/8       |            |
| 096-40-DC03 | 97603   | # 3      | 1/4              | 7/64              | 2           |            |
| 096-40-DC04 | 97604   | # 4      | 5/16             | 1/8               | 2-1/8       |            |
| 096-40-DC05 | 97605   | # 5      | 7/16             | 3/16              | 2-3/4       |            |
| 096-40-DC06 | 97606   | # 6      | 1/2              | 7/32              | 3           |            |

Packing : # 0 - # 4 -- 12 pcs/pack  
 # 5 - # 6 -- 6 pcs/pack  
 # 7 - # 8 -- 3 pcs/pack