

# IRWIN®

## HANSON®

### Taps & Dies



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# Taps & Dies

## High Carbon Steel Taps

### HANSON® Machine Screw Taps (HCS)



1032ZR



1132



1232



4935227

- Ideal for routine maintenance, repair work and for rethreading where high accuracy and tolerance thread is not critical
- Straight flutes are ground to provide rapid chip removal for efficient threading
- Designed for hand threading work in a variety of materials
- Taps produce a class 2B thread

| Description | No. of Flutes | Plug Carded Item # | Plug Bulk Item # | Taper Bulk Item # | Bottom Bulk Item # | Self Aligning Bulk Item # |
|-------------|---------------|--------------------|------------------|-------------------|--------------------|---------------------------|
| 0 - 80 NF   | 2             | —                  | 1102ZR           | 1002              | 1202               | —                         |
| 1 - 64 NC   | 2             | —                  | 1104             | 1004              | 1204ZR             | —                         |
| 1 - 72 NF   | 2             | —                  | 1105ZR           | 1005              | 1205               | —                         |
| 2 - 56 NC   | 3             | —                  | 1106ZR           | 1006ZR            | 1206               | —                         |
| 2 - 64 NF   | 3             | —                  | 1107             | 1007              | 1207               | —                         |
| 3 - 48 NC   | 3             | —                  | 1108ZR           | 1008ZR            | 1208ZR             | —                         |
| 3 - 56 NF   | 3             | —                  | 1109             | 1009ZR            | 1209ZR             | —                         |
| 4 - 36 NS   | 3             | 8011               | 1111ZR           | 1011ZR            | 1211ZR             | —                         |
| 4 - 40 NC   | 3             | 8012               | 1112ZR           | 1012ZR            | 1212ZR             | 4935222                   |
| 4 - 48 NF   | 3             | —                  | 1113ZR           | 1013              | 1213               | —                         |
| 5 - 40 NC   | 3             | —                  | 1116ZR           | 1016              | 1216ZR             | —                         |
| 5 - 44 NF   | 3             | —                  | 1117             | 1017              | 1217ZR             | —                         |
| 6 - 32 NC   | 3             | 8018               | 1118             | 1018              | 1218ZR             | 4935223                   |
| 6 - 36 NS   | 3             | —                  | 1119             | 1019              | 1219ZR             | —                         |
| 6 - 40 NF   | 3             | —                  | 1120             | 1020              | 1220ZR             | —                         |
| 6 - 48 NS   | 3             | —                  | 1121ZR           | 1021              | 1221               | —                         |
| 8 - 32 NC   | 4             | 8024               | 1124             | 1024              | 1224ZR             | 4935224                   |
| 8 - 36 NF   | 4             | —                  | 1125             | 1025              | 1225ZR             | —                         |
| 8 - 40 NS   | 4             | —                  | 1126ZR           | 1026              | 1226ZR             | —                         |
| 10 - 24 NC  | 4             | 8028               | 1128ZR           | 1028              | 1228               | 4935225                   |
| 10 - 32 NF  | 4             | 8031               | 1131             | 1031ZR            | 1231ZR             | 4935226                   |
| 12 - 24 NC  | 4             | 8032               | 1132             | 1032ZR            | 1232ZR             | 4935227                   |
| 12 - 28 NF  | 4             | —                  | 1133             | 1033              | 1233               | —                         |
| 12 - 32 NEF | 4             | —                  | 1134             | 1034              | 1234               | —                         |
| 14 - 20 NS  | 4             | 8035               | 1135ZR           | —                 | 1235ZR             | —                         |
| 14 - 24 NS  | 4             | —                  | 1136             | 1036              | 1236ZR             | —                         |

### TAPS & DIES

### HANSON Fractional Taps (HCS)



1323



1423



1523



4935229

- Ideal for routine maintenance, repair work and for rethreading where high accuracy and tolerance thread is not critical
- Straight flutes are ground to provide rapid chip removal for efficient threading
- Designed for hand threading work in a variety of materials
- Taps produce a class 2B thread

| Description    | No. of Flutes | Plug Carded Item # | Plug Bulk Item # | Taper Bulk Item # | Bottom Bulk Item # | Self Aligning Bulk Item # |
|----------------|---------------|--------------------|------------------|-------------------|--------------------|---------------------------|
| 1/8" - 40 NS   | 3             | —                  | 1406ZR           | 1306              | 1506               | —                         |
| 1/8" - 44 NS   | 3             | —                  | 1407             | —                 | —                  | —                         |
| 5/32" - 32 NS  | 3             | —                  | 1410             | —                 | —                  | —                         |
| 5/32" - 36 NS  | 3             | —                  | 1411             | —                 | —                  | —                         |
| 3/16" - 24 NS  | 4             | —                  | 1412ZR           | 1312ZR            | 1512               | —                         |
| 3/16" - 32 NS  | 4             | —                  | 1413ZR           | 1313ZR            | 1513               | —                         |
| 3/16" - 36 NS  | —             | —                  | 1415             | —                 | —                  | —                         |
| 1/4" - 20 NC   | 4             | 8120               | 1420             | 1320ZR            | 1520               | 4935228                   |
| 1/4" - 24 NS   | 4             | —                  | 1421             | 1321ZR            | 1521               | —                         |
| 1/4" - 28 NF   | 4             | 8123               | 1423ZR           | 1323ZR            | 1523               | 4935229                   |
| 1/4" - 32 NEF  | 4             | —                  | 1424ZR           | 1324              | 1524               | —                         |
| 1/4" - 40 NS   | 4             | —                  | 1425             | 1325              | 1525               | —                         |
| 5/16" - 18 NC  | 4             | 8127               | 1427             | 1327              | 1527               | 4935230                   |
| 5/16" - 24 NF  | 4             | 8129               | 1429ZR           | 1329ZR            | 1529ZR             | 4935231                   |
| 5/16" - 32 NEF | 4             | —                  | 1431ZR           | 1331ZR            | 1531               | —                         |
| 3/8" - 16 NC   | 4             | 8134               | 1434ZR           | 1334              | 1534               | 4935232                   |
| 3/8" - 24 NF   | 4             | 8136               | 1436             | 1336              | 1536               | 4935233                   |
| 7/16" - 14 NC  | 4             | 8139               | 1439ZR           | 1339ZR            | 1539               | 4935234                   |
| 7/16" - 20 NF  | 4             | 8140               | 1440             | 1340ZR            | 1540ZR             | 4935235                   |
| 1/2" - 13 NC   | 4             | 8144               | 1444ZR           | 1344              | 1544               | 4935236                   |
| 1/2" - 20 NF   | 4             | 8145               | 1445             | 1345              | 1545               | 4935237                   |
| 1/2" - 24 NS   | 4             | —                  | 1446             | 1346ZR            | 1546               | —                         |
| 9/16" - 12 NC  | 4             | 8148               | 1448             | 1348              | 1548ZR             | —                         |
| 9/16" - 18 NF  | 4             | 8149               | 1449             | 1349              | 1549ZR             | —                         |
| 5/8" - 11 NC   | 4             | 8152               | 1452             | 1352              | 1552ZR             | —                         |
| 5/8" - 18 NF   | 4             | 8154               | 1454             | 1354              | 1554ZR             | —                         |
| 11/16" - 11 NS | 4             | —                  | 1456ZR           | 1356ZR            | 1556ZR             | —                         |
| 11/16" - 16 NS | 4             | —                  | 1457ZR           | 1357ZR            | 1557ZR             | —                         |
| 3/4" - 10 NC   | 4             | 8158               | 1458             | 1358ZR            | 1558ZR             | —                         |
| 3/4" - 16 NF   | 4             | 8160               | 1460             | 1360              | 1560ZR             | —                         |
| 7/8" - 9 NC    | 4             | —                  | 1461             | 1361              | 1561               | —                         |
| 7/8" - 14 NF   | 4             | —                  | 1463             | 1363ZR            | 1563               | —                         |
| 1" - 8 NC      | 4             | —                  | 1465ZR           | 1365ZR            | 1565ZR             | —                         |
| 1" - 12 NF     | 4             | —                  | 1466ZR           | 1366ZR            | 1566ZR             | —                         |
| 1" - 14 NS     | 4             | —                  | 1467ZR           | 1367ZR            | 1567ZR             | —                         |