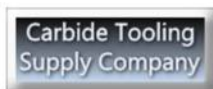


**SOLID CARBIDE COOLANT HOLE ROD WITH TWO HELICAL  
TWISTED COOLANT HOLES 30 DEGREE AND 310 OAL.**

| <b>Dia.</b> | <b>B.C.</b> | <b>Coolant<br/>Holes<br/>Dia.</b> | <b>Pitch</b> | <b>Order No.</b> |
|-------------|-------------|-----------------------------------|--------------|------------------|
| 3.3         | 1.70        | 0.40                              | 16.32        | 230-0330-310     |
| 3.8         | 1.90        | 0.50                              | 19.04        | 230-0380-310     |
| 4.3         | 2.20        | 0.60                              | 21.77        | 230-0430-310     |
| 4.8         | 2.40        | 0.70                              | 24.49        | 230-0480-310     |
| 5.3         | 2.60        | 0.70                              | 27.21        | 230-0530-310     |
| 5.8         | 2.60        | 0.70                              | 29.93        | 230-0580-310     |
| 6.3         | 2.60        | 0.70                              | 32.65        | 230-0630-310     |
| 6.8         | 3.50        | 1.00                              | 35.37        | 230-0680-310     |
| 7.3         | 3.70        | 1.00                              | 38.09        | 230-0730-310     |
| 7.8         | 4.00        | 1.00                              | 40.81        | 230-0780-310     |
| 8.3         | 4.00        | 1.00                              | 43.53        | 230-0830-310     |
| 8.8         | 4.50        | 1.00                              | 46.25        | 230-0880-310     |
| 9.3         | 4.80        | 1.40                              | 48.97        | 230-0930-310     |
| 9.8         | 4.80        | 1.40                              | 51.69        | 230-0980-310     |
| 10.3        | 4.80        | 1.40                              | 54.41        | 230-1030-310     |
| 10.8        | 4.80        | 1.40                              | 57.13        | 230-1080-310     |
| 10.3        | 5.30        | 1.40                              | 59.86        | 230-1030-310     |
| 11.8        | 5.80        | 1.40                              | 62.58        | 230-1180-310     |
| 12.3        | 6.25        | 1.40                              | 65.30        | 230-1230-310     |
| 12.8        | 6.25        | 1.75                              | 68.02        | 230-1280-310     |
| 13.3        | 6.50        | 1.75                              | 70.74        | 230-1330-310     |
| 13.8        | 6.80        | 1.75                              | 73.46        | 230-1380-310     |
| 14.3        | 7.10        | 1.75                              | 76.18        | 230-1430-310     |
| 14.8        | 7.40        | 1.75                              | 78.90        | 230-1480-310     |
| 15.3        | 7.70        | 1.75                              | 81.62        | 230-1530-310     |
| 15.8        | 8.00        | 1.75                              | 84.34        | 230-1580-310     |
| 16.3        | 8.30        | 1.75                              | 87.06        | 230-1630-310     |
| 16.8        | 8.60        | 1.75                              | 89.78        | 230-1680-310     |
| 17.3        | 8.90        | 1.75                              | 92.50        | 230-1730-310     |
| 17.8        | 9.20        | 1.75                              | 95.22        | 230-1780-310     |
| 18.3        | 9.55        | 2.00                              | 97.95        | 230-1830-310     |
| 18.8        | 9.75        | 2.00                              | 100.67       | 230-1880-310     |
| 19.3        | 10.10       | 2.00                              | 103.39       | 230-1930-310     |



Main: 248-693-9202

Fax: 248-693-9210

[contact@carbide Toolingsupply.com](mailto:contact@carbide Toolingsupply.com)

|      |       |      |        |              |
|------|-------|------|--------|--------------|
| 20.3 | 10.40 | 2.00 | 108.83 | 230-2030-310 |
| 21.3 | 11.15 | 2.00 | 114.27 | 230-2130-310 |
| 22.3 | 11.60 | 2.00 | 119.71 | 230-2230-310 |
| 23.3 | 12.20 | 2.00 | 125.15 | 230-2330-310 |
| 24.3 | 12.80 | 2.00 | 130.59 | 230-2430-310 |
| 25.3 | 13.30 | 2.00 | 136.03 | 230-2530-310 |
| 26.3 | 13.80 | 2.00 | 141.48 | 230-2630-310 |
| 27.3 | 14.30 | 2.50 | 146.92 | 230-2730-310 |
| 28.3 | 14.80 | 2.50 | 152.36 | 230-2830-310 |
| 29.3 | 15.40 | 2.50 | 157.80 | 230-2930-310 |
| 30.3 | 16.00 | 2.50 | 153.24 | 230-3030-310 |
| 31.3 | 16.60 | 2.50 | 168.68 | 230-3130-310 |
| 32.3 | 17.20 | 3.00 | 174.12 | 230-3230-310 |
| 33.3 | 17.8  | 3.00 | 179.57 | 230-3330-310 |
| 34.3 | 18.00 | 3.00 | 185.01 | 230-3430-310 |
| 35.3 | 18.00 | 3.00 | 190.45 | 230-3530-310 |

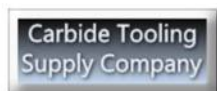
All dimensions in [mm].

Available grades:

BK10UF

BK12UF

330mm OAL available on some items.



Main: 248-693-9202

Fax: 248-693-9210

[contact@carbide Tooling Supply Company](mailto:contact@carbide Tooling Supply Company)