



1 & 1.5 - Cast Iron Geometry
T-A (CI) T-A Carbide Drill Blade
Carbide

- This insert is specifically designed for use in Grey Cast Iron
Standard geom. for Nodular Iron
- TiAlN offers exceptional wear resistance and high heat capabilities to increase tool life and penetration rates in Grey Cast Iron

Diameter Tolerances : $-0.0002''/-0.0012''$
 Thickness Tolerances :

- C3 carbide offers high wear resistance for improved tool life
- Cast Iron (-CI) geometry provides a unique design to minimize chipping

| Material | Imperial Fract. Diam. | Metric Diam. | Imperial Dec. Diam. | Imperial Fract. Thick. | TiAlN |
|-------------|-----------------------|--------------|---------------------|------------------------|----------------|
| C3 (K10) | 45/64 | 17,86 | 0.7031 | 5/32 | 1C31A-.703-C |
| | | 18,00 | 0.7087 | | 1C31A-1 8-CI |
| | 23/32 | 18,26 | 0.7188 | | 1C31A-0023-CI |
| | | 18,50 | 0.7283 | | 1C31A-1 8.5-CI |
| | 47/64 | 18,65 | 0.7344 | | 1C31A-.734-CI |
| | | 19,00 | 0.7480 | | 1C31A-1 9-CI |
| | 3/4 | 19,05 | 0.7500 | | 1C31A-0024-CI |
| | 49/64 | 19,45 | 0.7656 | | 1C31A-.765-CI |
| | | 19,50 | 0.7677 | | 1C31A-1 9.5-CI |
| | 25/32 | 19,84 | 0.7813 | | 1C31A-0025-CI |
| | | 20,00 | 0.7874 | | 1C31A-20-CI |
| | 51/64 | 20,24 | 0.7969 | | 1C31A-.796-CI |
| | | 20,50 | 0.8071 | | 1C31A-20.5-CI |
| | 13/16 | 20,64 | 0.8125 | | 1C31A-0026-CI |
| | | 21,00 | 0.8268 | | 1C31A-21-CI |
| | 27/32 | 21,43 | 0.8438 | | 1C31A-0027-CI |
| | 55/64 | 21,83 | 0.8594 | | 1C31A-.859-CI |
| | | 22,00 | 0.8661 | | 1C31A-22-CI |
| | 7/8 | 22,23 | 0.8750 | | 1C31A-0028-CI |
| | 57/64 | 22,62 | 0.8906 | | 1C31A-.890-CI |
| | | 23,00 | 0.9055 | | 1C31A-23-CI |
| | 29/32 | 23,02 | 0.9063 | | 1C31A-0029-CI |
| | 59/64 | 23,42 | 0.9219 | | 1C31A-.921-CI |
| | 15/16 | 23,81 | 0.9375 | | 1C31A-0030-CI |
| | 24,00 | 0.9449 | 1C31A-24-CI | | |