

## Jobber Length Drill

### Chicago-Latrobe<sup>®</sup> NAS-Type Cobalt Heavy-Duty Styles 550, 550-TN, 550-TA



Style 550 (straw finish)



Style 550-TN (TiN-coated)

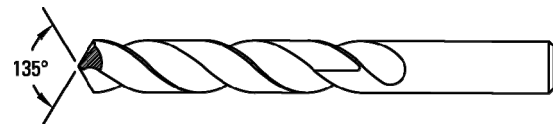
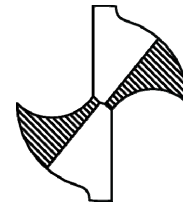


Style 550-TA (TiAlN-coated)

#### Features/Benefits:

- Manufactured to NAS 907 Type J geometry aerospace specifications.
- Heavy-duty construction for drilling in tough, high-tensile, and work-hardening materials under extreme operating conditions.
- Manufactured from premium cobalt high-speed steel, increasing hot hardness and extending drill wear life.
- 135° P3 split point is self-centering for reduced thrust and easier penetration.
- Metric drills are manufactured to DIN 338 OAL and flute length specifications.
- Available in fractional, letter, wire metric sizes, and in sets.

135° P3 Split Point

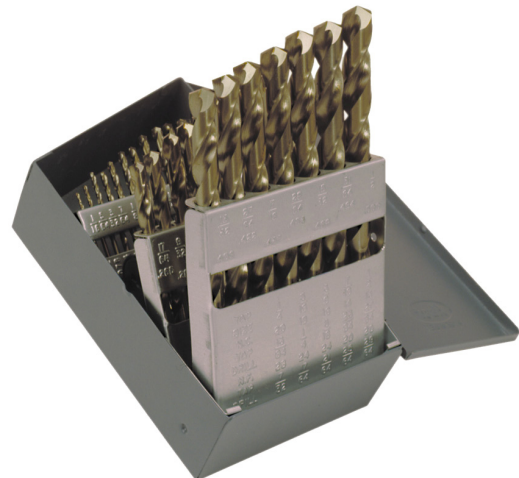


#### Application Information:

- stainless steel (TiAlN, TiN, straw)
- tool steel (TiAlN, TiN, straw)
- alloy steel (TiAlN, TiN, straw)
- titanium (TiAlN, straw)

#### Surface Treatments

- Straw finish adds lubricity and easily identifies cobalt drills.
- Titanium nitride (TiN) coating adds lubricity and hardness, enhancing chip flow, finish hole quality, and drill life.
- Titanium aluminum nitride (TiAlN) coating combines the ability to work in high temperatures with added hardness to increase drill life.
- Straw, TiN, and TiAlN finishes standard; alternate coatings available as stock modifications.



29-piece Fractional Straw Finish Set