

SURFACE TREATMENTS

A full array of surface treatments and coatings are available to enhance the taps performance depending on application and material being tapped. Listed below are the standard treatments we offer. Please consult factory for price and delivery on the new coatings Reiff & Nestor Company now has to offer for tapping all the exotic materials.

- Nitride**** — Recommended where abrasive or wearing conditions exist. It may be used for ferrous, non-ferrous, or non-metallic materials.
- No. "5"** — Is very effective where an anti-galling characteristic is required, combined with high wear resistance. Recommended for use in ferrous materials.
- No. "0"** — This treatment imparts a lubricant retaining surface that has high anti-galling characteristics. It is recommended for use in ferrous materials.
- Chrome** — A special Bright Hard Chrome plating process developed to increase tap life and impart an anti-galling surface to taps. It is recommended for use in all materials. Chrome Shield is furnished at 10% extra.
- Conit*** — Developed for use where extremely abrasive or wear inducing materials are encountered, both ferrous and non-ferrous. Conit is furnished at 10% extra.
- Blue Diamond** — Is a specially treated electro chemical surface designed to eliminate surface welding when tapping soft stringy materials. Blue Diamond is furnished at 10% extra.
- Titanium Nitride (PVD)** — Is also available upon request. (Prices for this treatment are available from our Sales Department.)
- Multicoat C3** — Multi Layer Coating recommended for machining softer materials such as titanium, aluminum, and copper alloys. Good anti-galling properties. (Consult factory for pricing).
- Multicoat C4** — Multi Layer Coating having high hardness and anti-wear properties. Recommended for tapping tool steel, mold steels, and other heat treated materials. (Consult factory for pricing).

* The Conit treatment has been broken down into progressive degrees of surface concentration called Conit-1, Conit-2, Conit-3 and Conit-6 — the larger number indicating the greater wear resistance.

** The Nitride treatment has been broken down into progressive degrees, as found applicable to various materials and tapping conditions. These treatments are: 1-N, 2-N, 3-N, and 6-N. For ferrous, non-ferrous and non-metallic materials which cause dulling of the tools because of their abrasive characteristic. The numbers are individual specifications applied by our engineers for particular applications.