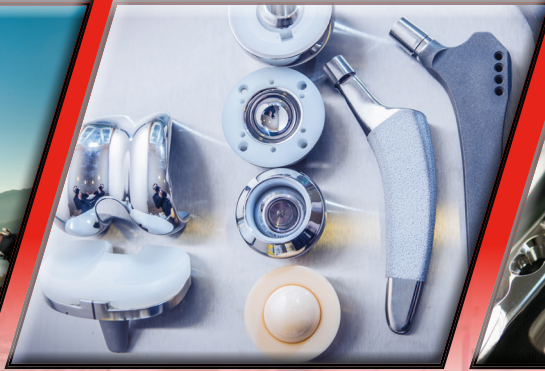


# Medical Industry



## Problem

**Stainless Steel = Very difficult to machine**

- Very hard material.
- Tendency to work harden.
- Abrasive material.
- Cutting tool life can be drastically reduced.

## Solution

### Drilling - Heavy Duty:

**Chicago-Latrobe® Cobalt Drills**

Style: 550

**Cleveland® Q-Cobalt Parabolic Drills**

Style: 2075

### Threading:

**Cleveland® High Performance Taps**

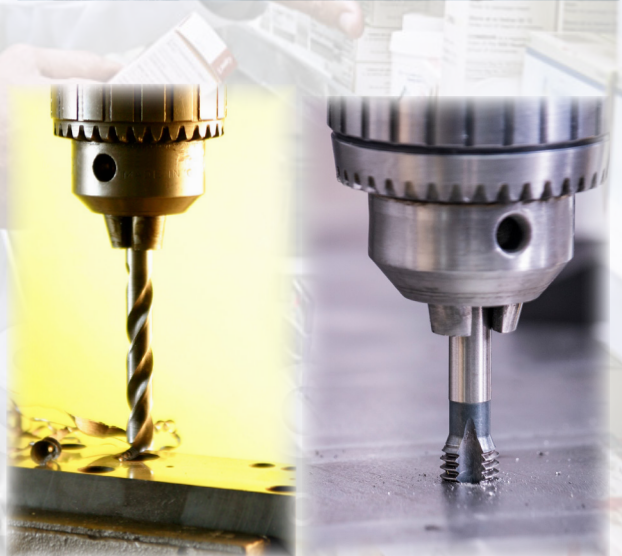
Style: 980SF and 960SP

### Milling:

**Cleveland® Variable Index Carbide End Mills**

Style: CEM-V-4R, CEM-V-4B, and CEM-V2-5R **New** CEM-V3-7R, and CEM-V3-7RCB

See the  
reverse side  
for specific  
product  
solutions.



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**Greenfield Industries will help you  
save time and increase productivity  
in your toughest applications.**





**Greenfield Industries** manufactures cutting tools for the Medical Industry in a large variety of sizes and styles.

## Problem

Stainless steel is commonly used in the Medical Industry. These materials tend to work harden, can be abrasive, and cause a reduction in cutting tool life.

## Solution

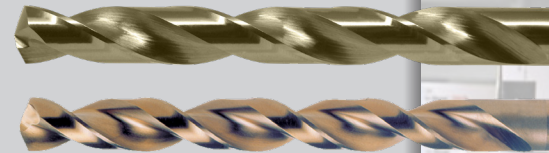
### Drilling

#### Chicago-Latrobe® Cobalt Drills

Style 550 - are designed to perform well in stainless steel applications. Cobalt drill bits **resist heat** allowing them to **stay sharper and last longer**. Increase your productivity by getting **3-4 times longer tool life** versus standard HSS drills. TIALN coated tools are often the most cost-effective option for these applications.

#### Cleveland® Q-Cobalt Parabolic Drills

Style 2075 parabolic cobalt drill bits are designed for deep hole drilling up to 7 X's diameter without pecking. **Drill deeper, faster, and reduce cycle time**. The 2075-TA style that has TIALN coating is often the most cost effective option for these applications.



Style 550

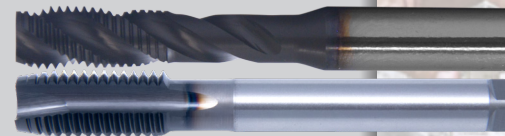


Style 2075

### Threading

#### Cleveland® High Performance Taps

Style: 980SF & 960SP are designed for tapping all your Stainless Steel applications. The unique geometry, high Vanadium substrate, & Hardlube coating allow the taps to freely produce high quality threads at much faster speeds and feeds. Available in spiral flute & spiral point. **Drive productivity by more than doubling tap life with much faster machining speeds.**



Style 980SF

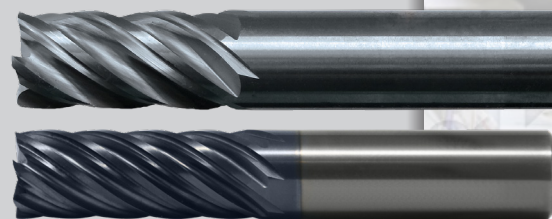


Style 960SP

### Milling

#### Cleveland® Variable Index Carbide End Mills – NEW 7 Flute Styles **Now Available!**

Style: CEM-V-4, CEM-V-4B & CEM-V2-5, **New** CEM-V3-7R & CEM-V3-7RCB are designed for machining stainless steel. These tools have an uneven indexing in the flutes which **eliminates chatter** and can **run at faster feeds and speeds greatly reducing cycle times**. Available with various corner radiuses and surface treatments. This results in an improved finish on the part being machined along with **extending tool life 2-3 times longer** compared to a conventional carbide end mill. **The 7 flute tools can reduce cycle time by 60% or more and leave a much better micro finish. The 7 flute chip breaker style tool can rough and finish!**



View all



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