



Innovate

## **VIDEO: New Accupro VS Plunge Mill**

Brought To You by Accupro | Sep 03, 2024

### **Video Highlights**

#### ***Demo Details:***

Material: 4140 alloy steel

Tool : 1/2" x 1-1/4" LOC by 3" OAL Ro.030

#### ***Peripheral high speed milling parameters:***

1.0" Axial Depth of Cut

0.050" Radial Step Over

RPM: 10,314 SFM: 1350

IPM: 290

#### ***Drilling parameters:***

0.5" Axial Depth of Cut

RPM: 4660 SFM: 610

IPM: 20 Pecks: 2

#### ***Slot milling parameters:***

3 slots – 0.25" depth, 0.5" depth, 1.0" depth

RPM: 4660 SFM: 610

IPM: 34

#### ***Ramping Slots:***

0.500" Axial Depth of Cut  
Ramp angle = 45 degrees  
RPM: 4660 SFM: 610  
RAMP IPM: 22 SLOT IPM: 34

The unique combination of a variable helix end mill with the added capability of drilling. Watch the ***new Accupro VS series plunge mill*** as it performs drilling, slot milling and ramping in 4140 alloy steel with ease. The special end gashing and face design permit drilling and aggressive ramping angles with this end mill. The unequal index and variable helix design permit stable machining in high-speed milling and slotting applications up to 2XD (*demo only, no transcript*).

*Previously Featured on Accupro's YouTube channel.  
Learn more about Accupro's VS series plunge mill on MSCDirect.com.*

[www.mscdirect.com/betterMRO](http://www.mscdirect.com/betterMRO)

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