

# Operaciones Generales CAMWorks

Intelligy

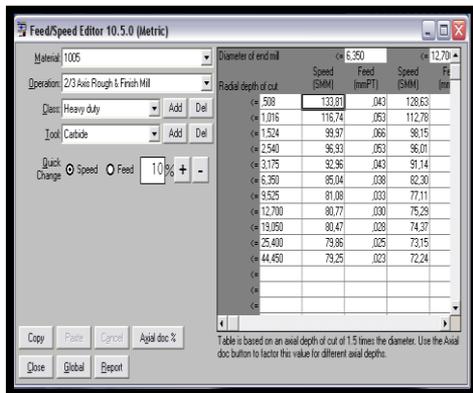
[contacto@intelligy.com.mx](mailto:contacto@intelligy.com.mx)



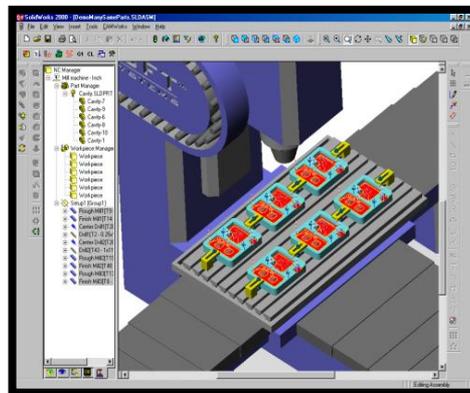
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# Operaciones Generales



Librería de Velocidades y Desplazamientos



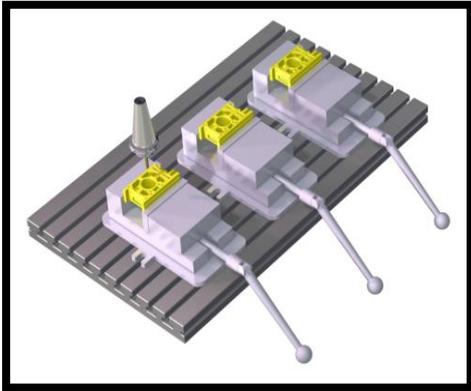
Base de Datos de Herramental (Toolcrib).



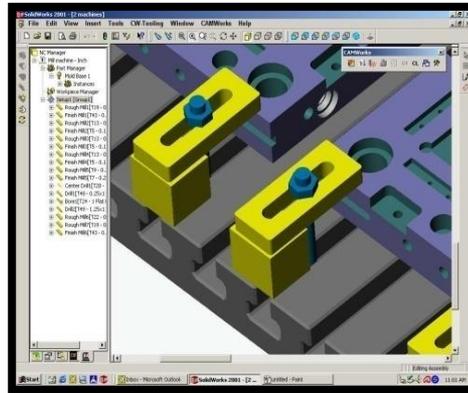
Base de Datos Tecnológica.



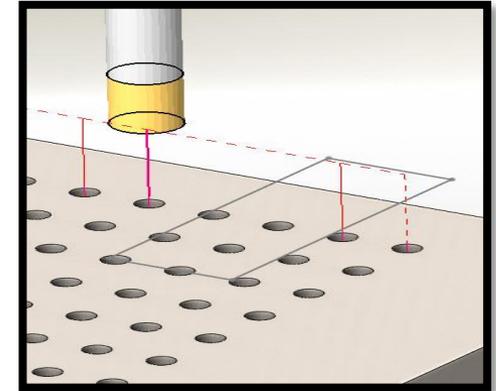
# Operaciones Generales



Maquinado en Modo  
Ensamble.



Detección de Elementos  
de Sujeción.



Áreas Adicionales.

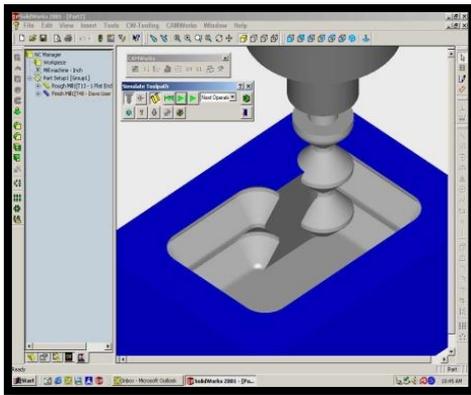


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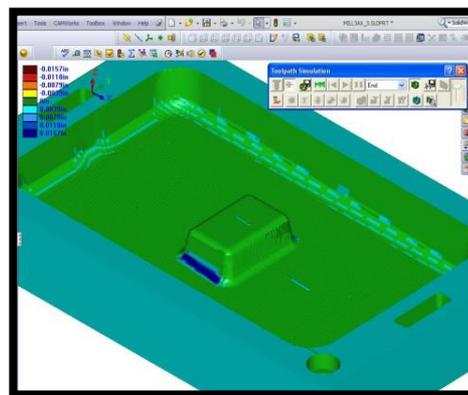
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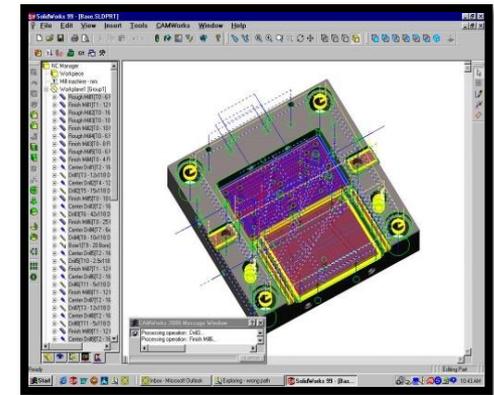
# Operaciones Generales



Simulación Paso a Paso.



Simulación Rápida.



Simulación para  
Detección de  
Interferencias

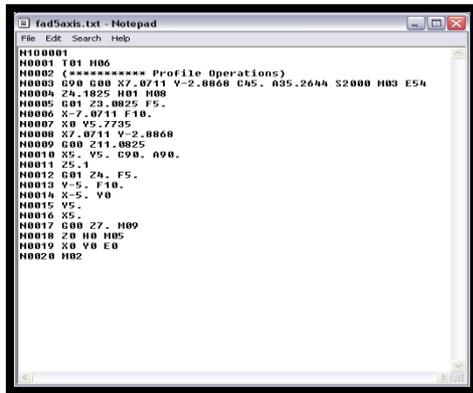


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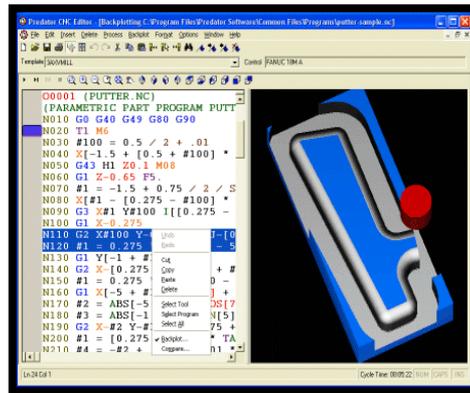
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# Operaciones Generales

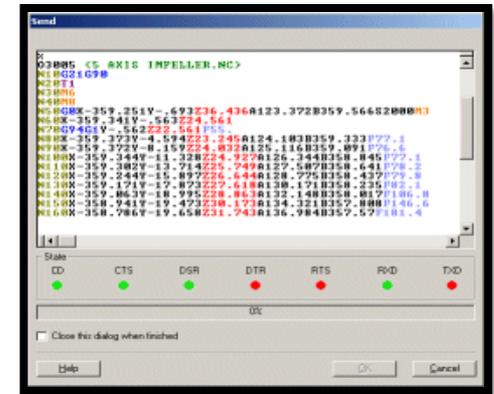


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lad5axis.txt - Notepad
File Edit Search Help
N100001
H0001 T01 M06
H0002 (***** Profile Operations)
H0003 G90 G00 X7.0711 Y-2.8068 Z45. A35.2644 S2000 H03 E54
H0004 Z4.1825 H01 M08
H0005 G01 Z3.8825 F5.
H0006 X-7.0711 F10.
H0007 X0 Y5.7735
H0008 X7.0711 Y-2.8068
H0009 G00 Z11.8825
H0010 X5. V5. G90. A90.
H0011 Z5.1
H0012 G01 Z4. F5.
H0013 V-5. F10.
H0014 X-5. V0
H0015 V5.
H0016 X5.
H0017 G00 Z7. H09
H0018 Z0 H0 H05
H0019 X0 Y0 E0
H0020 H02
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Sub-Programas en CNC.



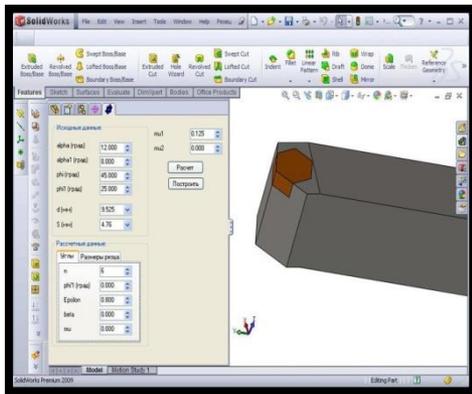
Predator Información CAM/CNC



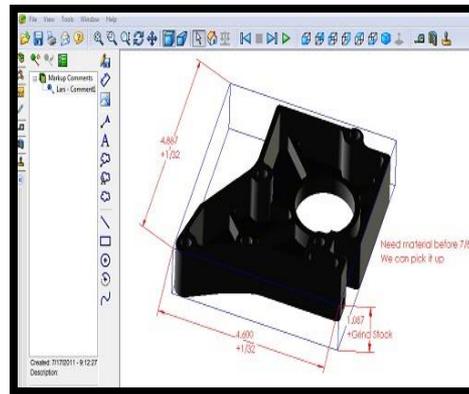
Post Procesador Personalizado (APT/CTL File).



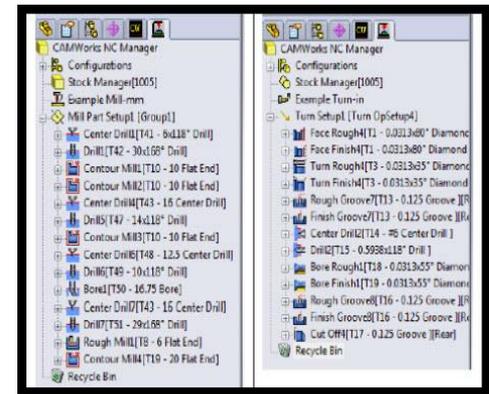
# Operaciones Generales



API  
(Personalización).



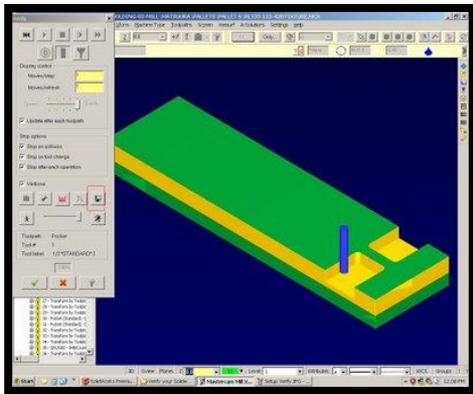
eDrawings para  
CAMWorks.



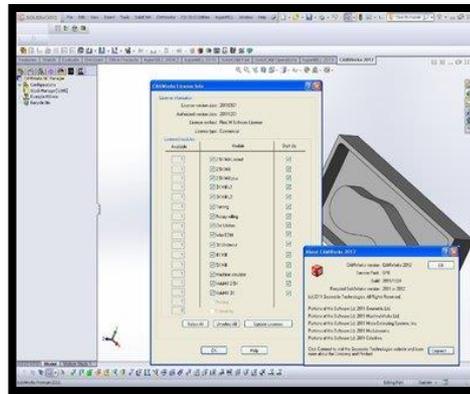
Clasificación de  
Operaciones.



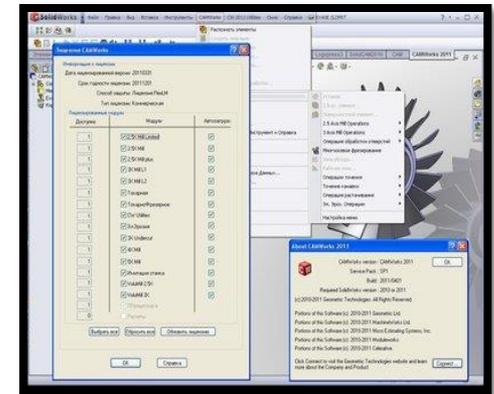
# Operaciones Generales



Uso de STL como Stock.



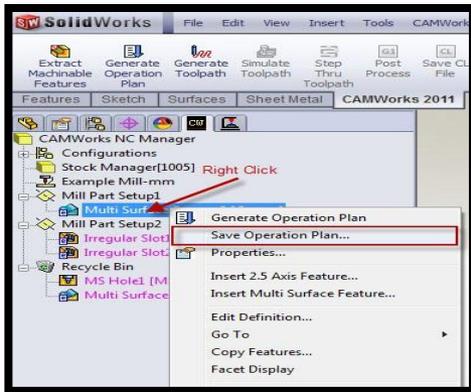
Uso de archivos de SolidWorks como Stock.



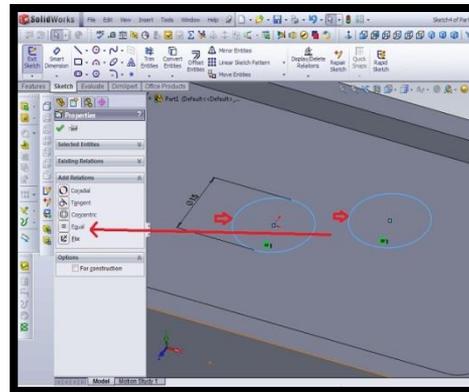
Configuraciones de CAM.



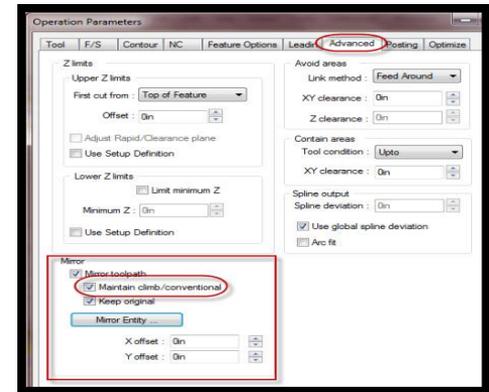
# Operaciones Generales



Copiado de Operaciones.



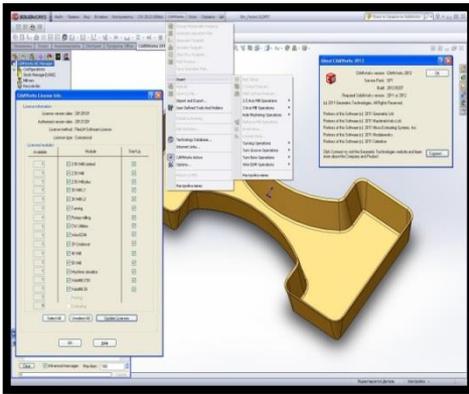
Copiado de Características.



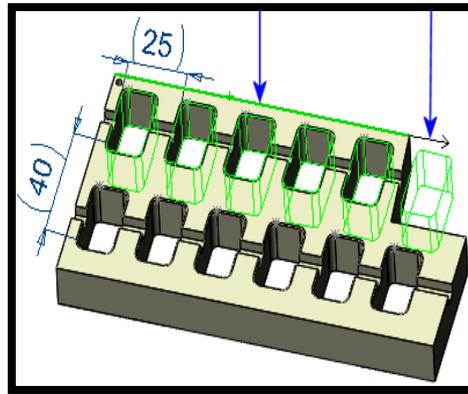
Auto Guardado.



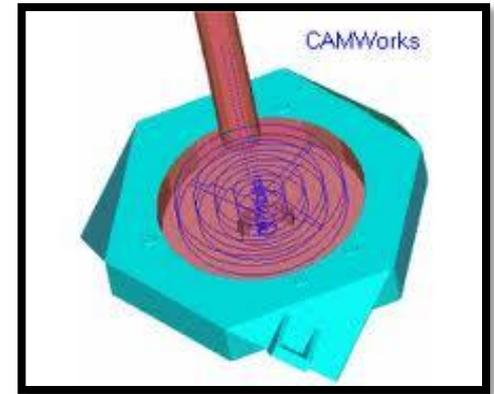
# Operaciones Generales



Traectoria de  
Maquinado  
(Simetría).



Matriz de  
Características.



Edición de Trayectoria de  
Maquinado.



# Módulos de CAMWorks

Fresado de 2.5 Ejes-Desbaste  
Fresado de 2.5 Ejes-Acabado  
Fresado de 2.5 Ejes-Barrenado  
Fresado de 2.5 Ejes-Careado

Fresado 3 Ejes  
Fresado 3 Ejes-HSM

Volumill- Fresado 2 Ejes  
Volumill- Fresado 3 Ejes

Torno 2/4 Ejes

EDM 2/4 Ejes

Multiejes-4x Simultaneo  
Multiejes-5x Simultaneo

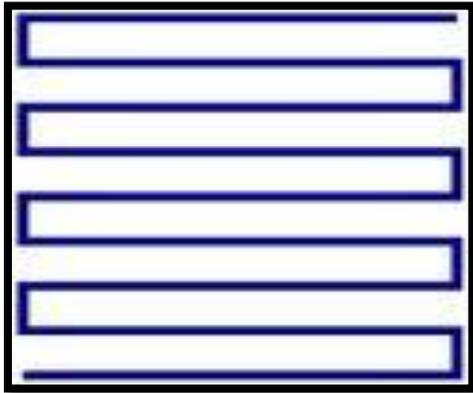


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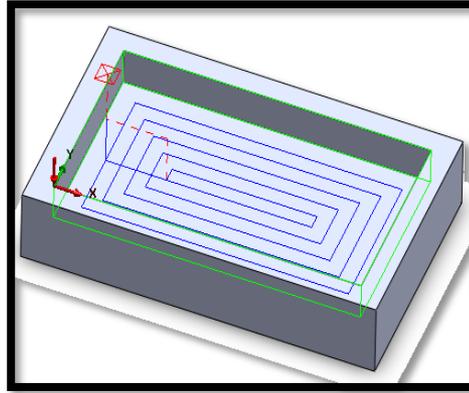
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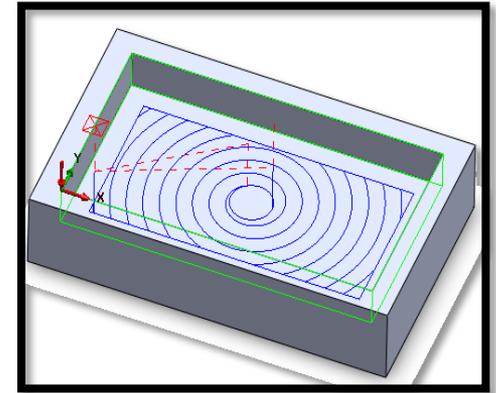
# Fresado de 2.5 Ejes-Desbaste



Zig/Zag.

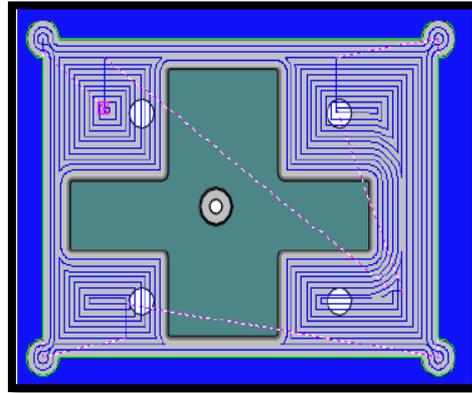


Pocket In/Out.

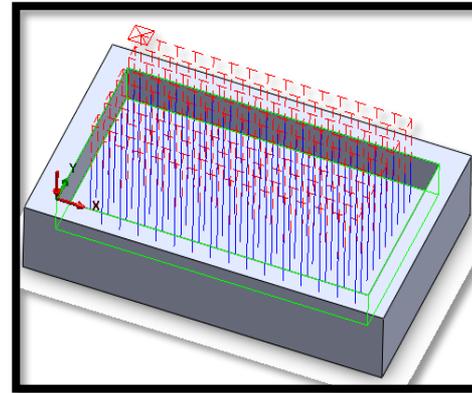


Spiral In/Out.

# Fresado de 2.5 Ejes-Desbaste

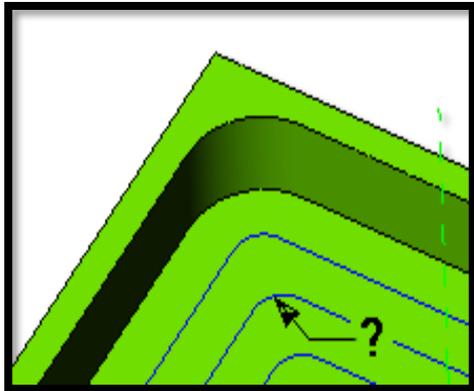


Desbaste Offset.

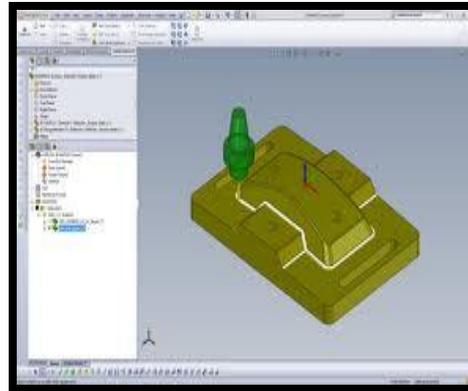


Plunge.

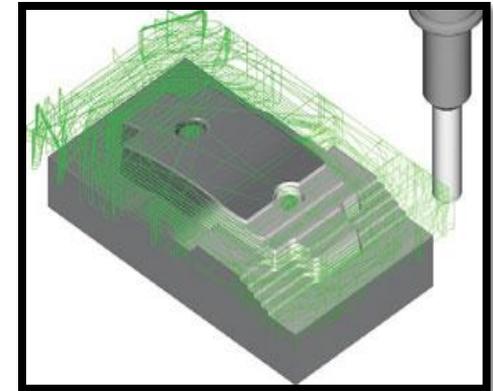
# Fresado de 2.5 Ejes-Desbaste



Opciones de HSC.

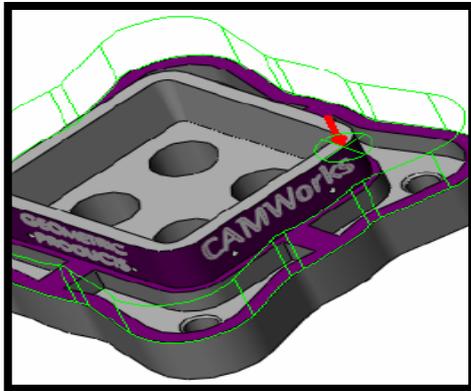


Maquinado de Restos en Base a Tangente.

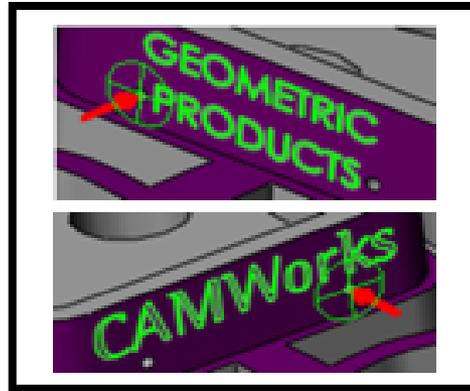


Maquinado de Restos en Base a Sólidos.

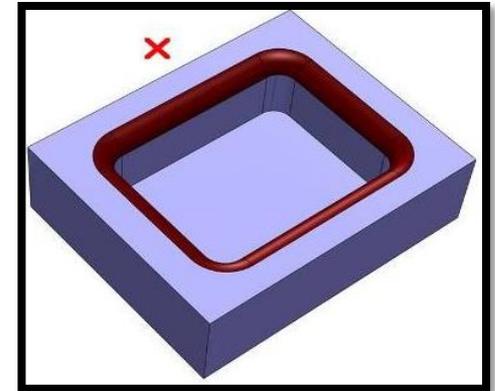
# Fresado de 2.5 Ejes-Acabado



Perfilado.

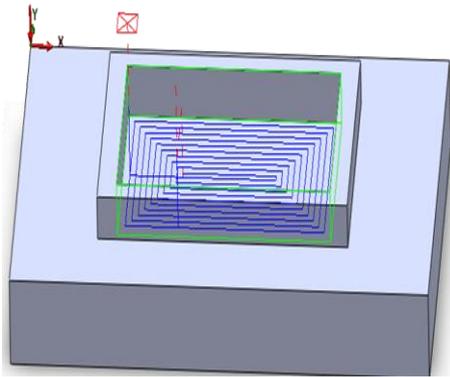


Escritura/Grabado.

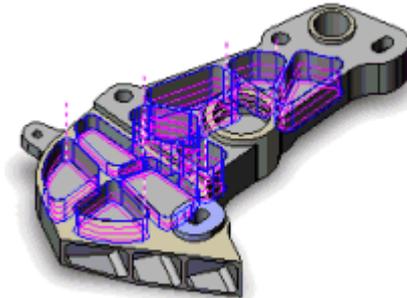


Maquinado de Chaflán.

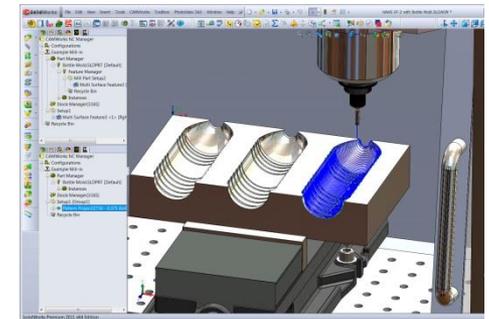
# Fresado de 2.5 Ejes-Acabado



Múltiple Pasada Lateral.



Múltiple Pasada de Profundidad.



Pasada en Spring.

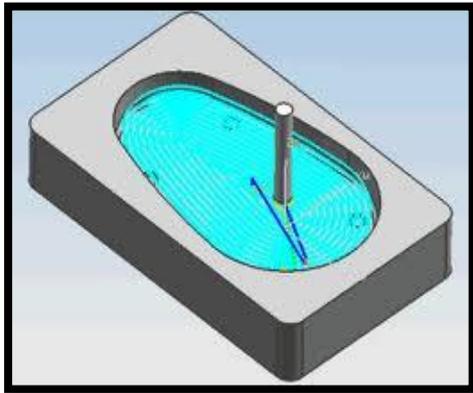


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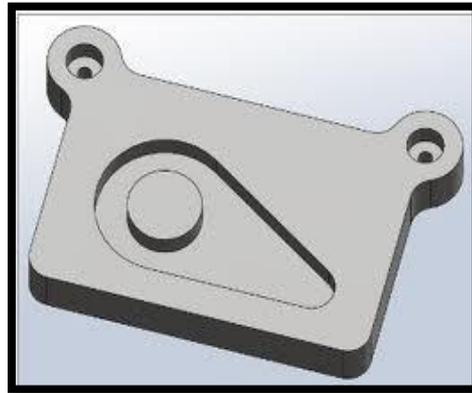
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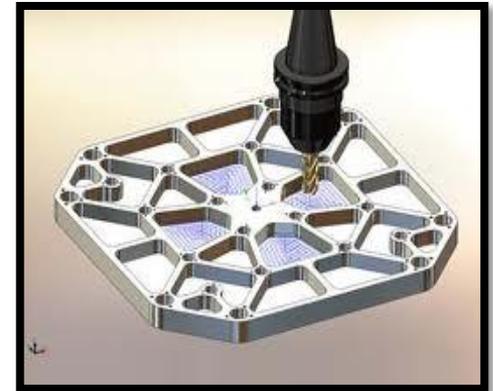
# Fresado de 2.5 Ejes-Acabado



Acabado con Profundidad Helicoidal.

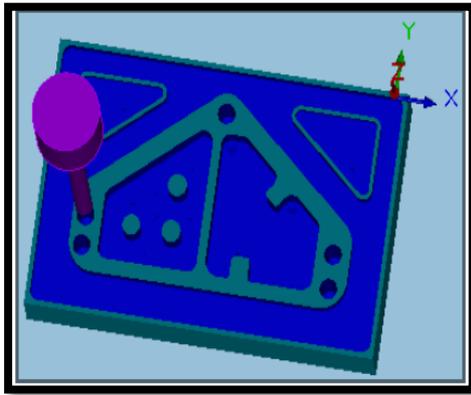


Acabado de Profundidad.

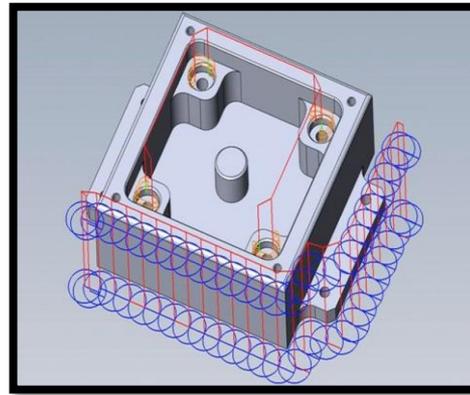


Maquinado de Esquina.

# Fresado de 2.5 Ejes-Barrenado



Taladrado.



Pecking.

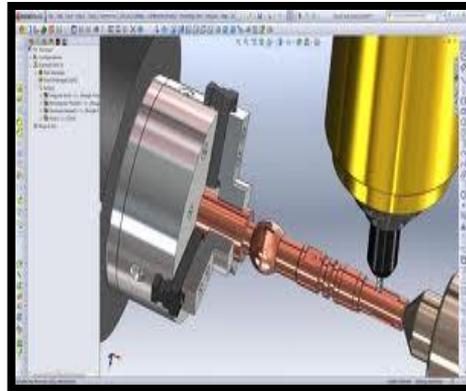


Rimado.

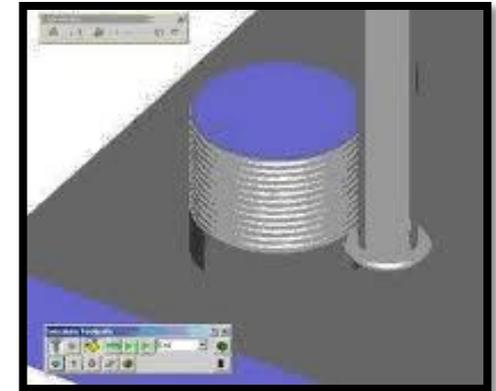
# Fresado de 2.5 Ejes-Barrenado



Abocardado.



Avellanado.



Roscado.

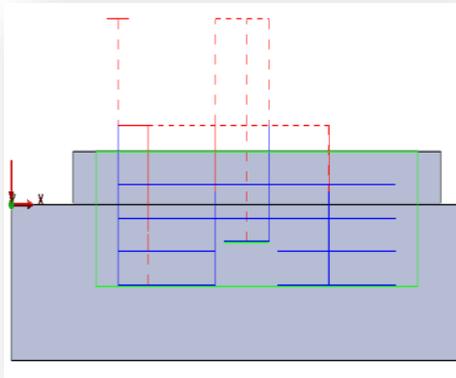


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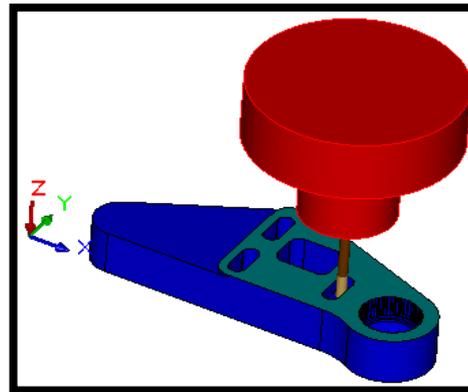
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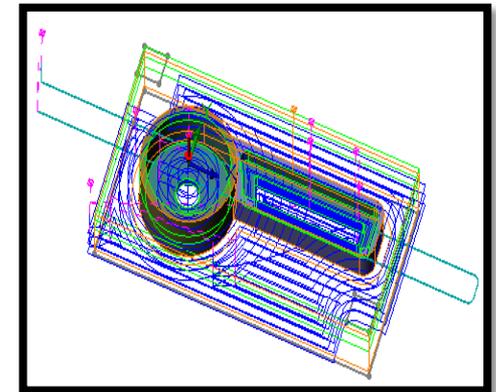
# Fresado de 2.5 Ejes-Careado



Igualdad de Cortes de Herramienta.

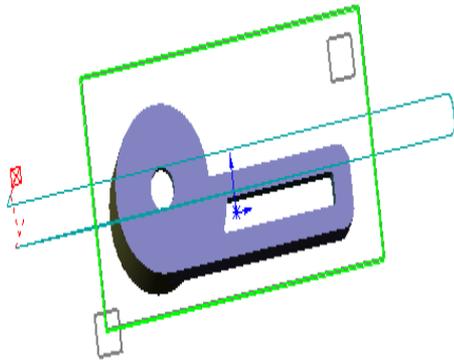


Toolpath Automático.

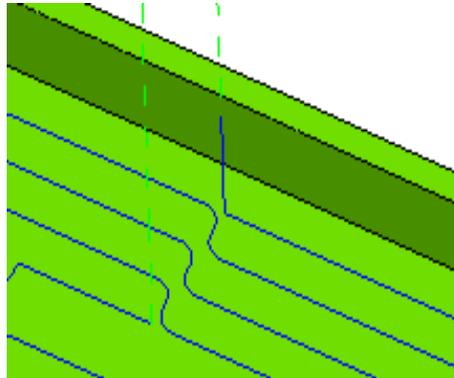


Toolpath Definido por Usuario.

# Fresado de 2.5 Ejes-Careado



Careado Simple.



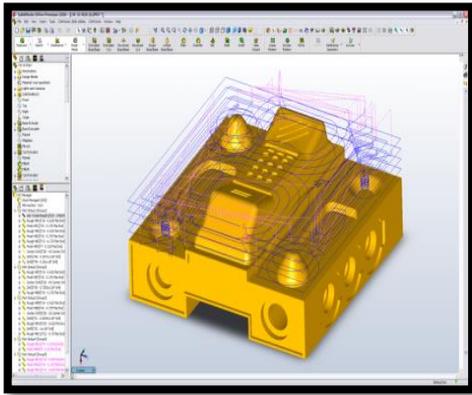
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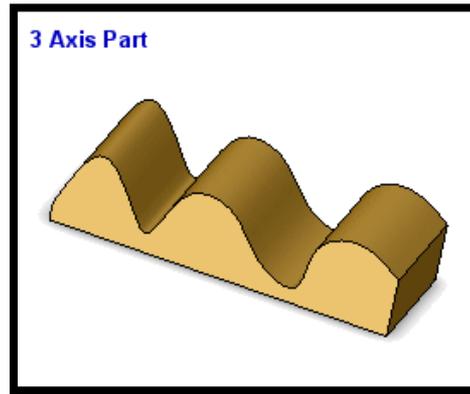
Maquinado de Restos WIP.



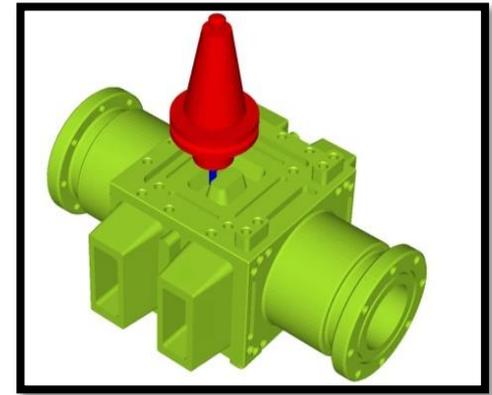
# Fresado 3 Ejes



Desbaste Superficie.

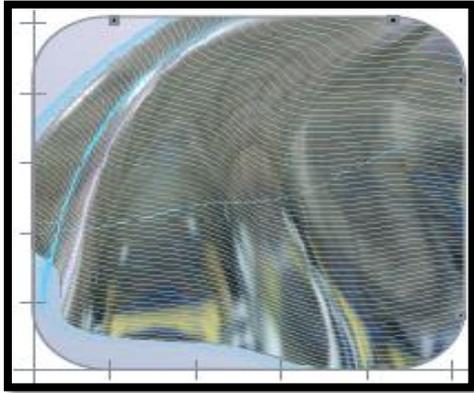


Acabado de Superficie.

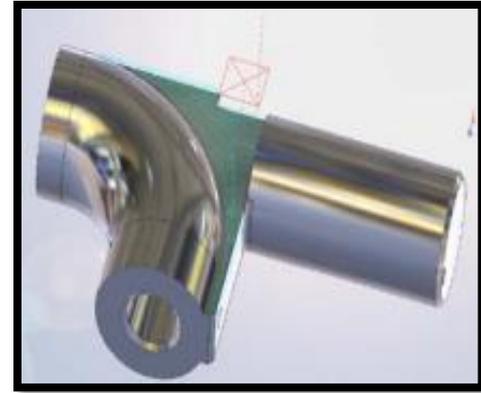


4 Eje Indexado.

# Fresado 3 Ejes-HSM



Limpieza de Área.

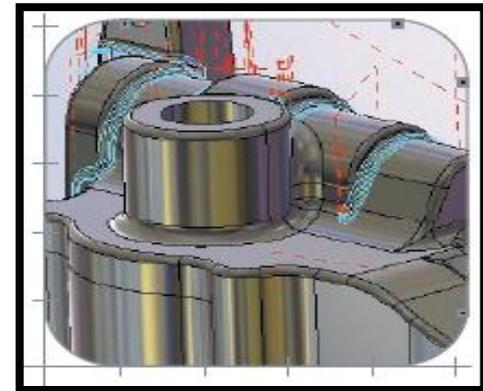


Flat Area.

# Fresado 3 Ejes-HSM

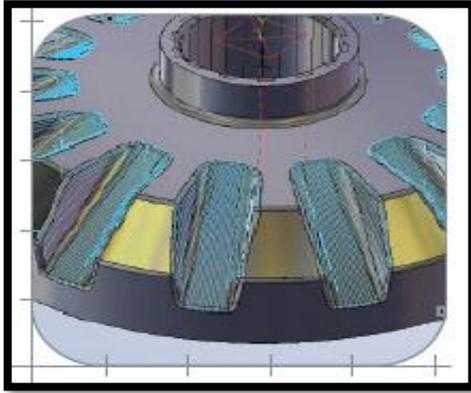


Z Level.

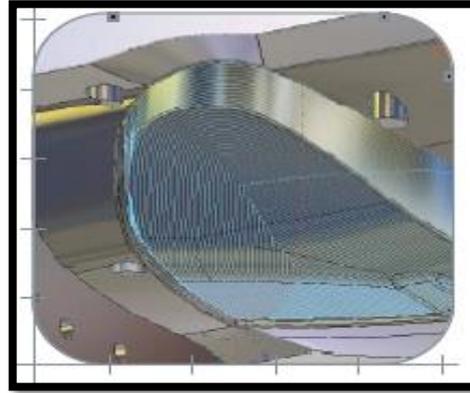


Pencil Mill.

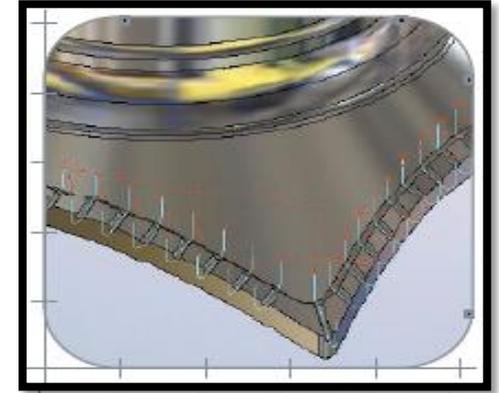
# Fresado 3 Ejes-HSM



Proyección de Patrón.

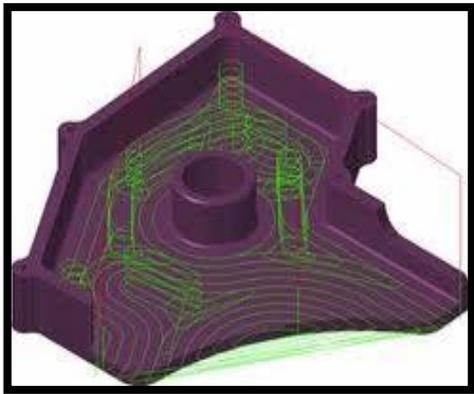


StepOver  
Constante.

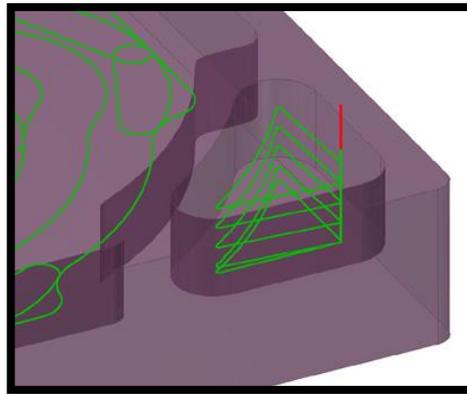


Proyección de Curva.

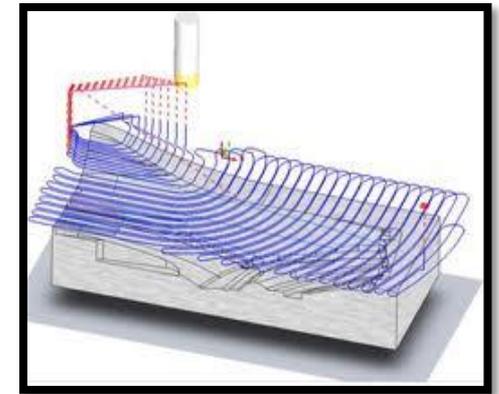
# Volumill- Fresado 2 Ejes



Layout ToolPath.

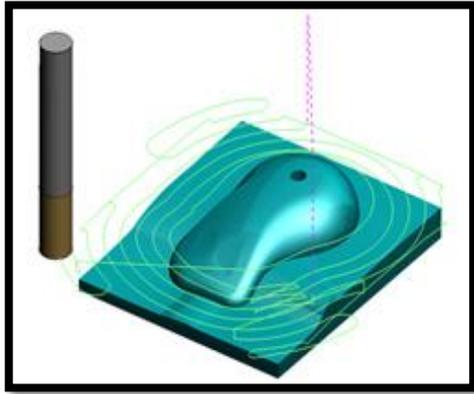


Efficient Tool Motion.



-Shorter Cycle Time.

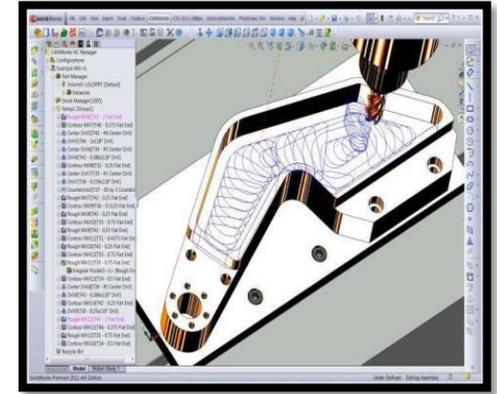
# Volumill- Fresado 3 Ejes



Automatic Feedrate.



Improve Tool Life.



Slot and Slide Milling  
Intelligent.

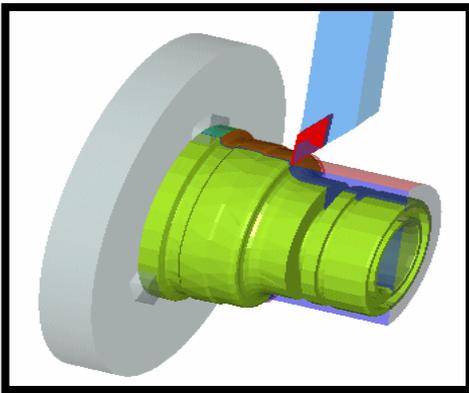


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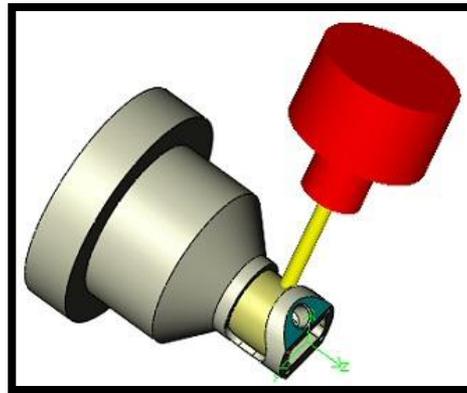
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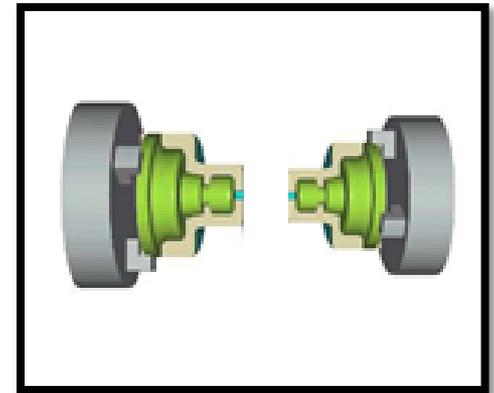
# Torno 2/4 Ejes



Husillo Simple.



Torno-Fresa.



Husillo Doble.

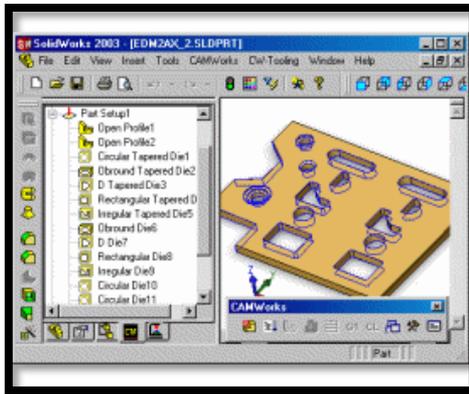


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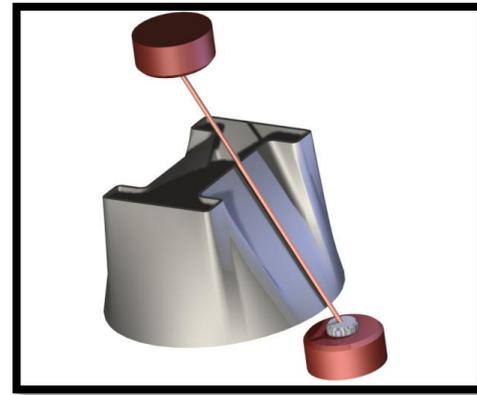
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# EDM 2/4 Ejes

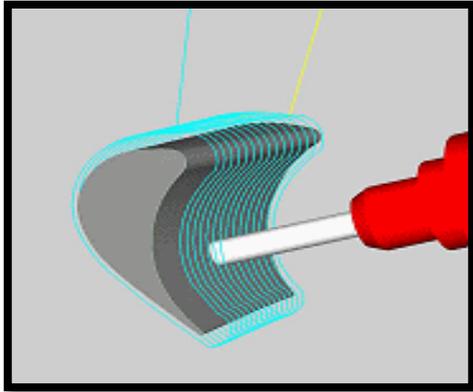


EDM Hilo.

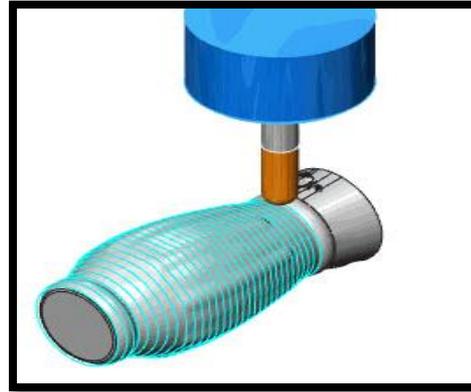


EDM 4 Ejes.

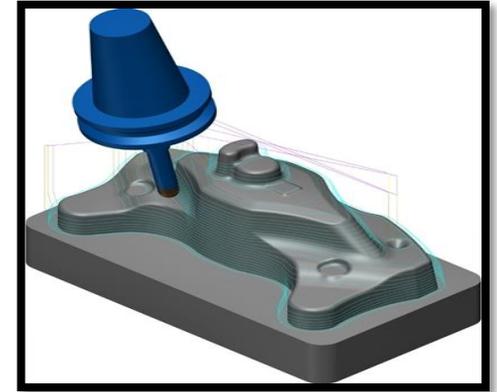
# Multiejes-4x Simultaneo



Flowline



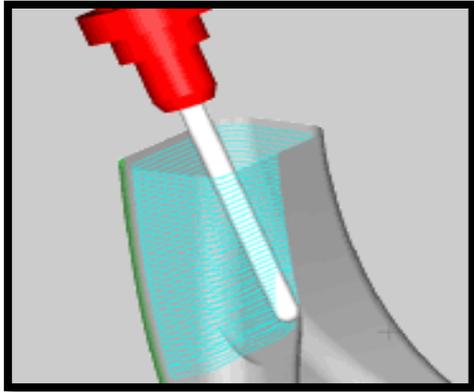
Multi-Surface.



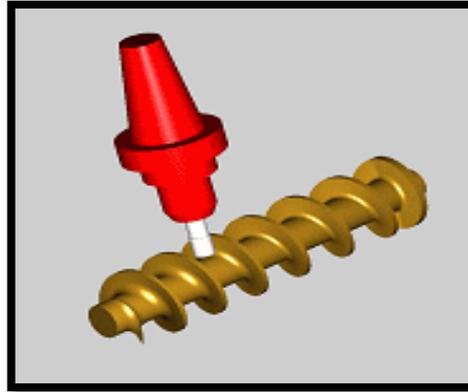
Multi-Pass.



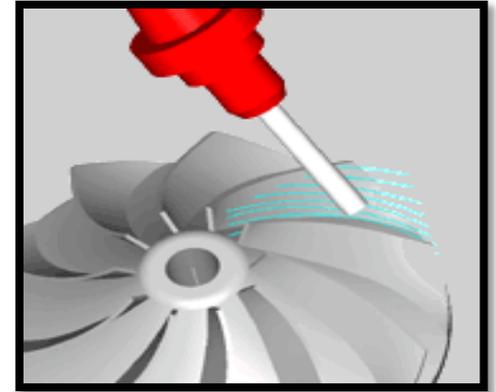
# Multiejes-5x Simultaneo



Flowline



Multi-Surface.



Multi-Pass.



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# gracias!

[contacto@intelligy.com.mx](mailto:contacto@intelligy.com.mx)

[www.intelligy.com.mx](http://www.intelligy.com.mx)



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