## 2-axis contour definition has been extended

Job Plan Automatic	on Contour Definition	
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Contour Definitio	n	0 ^
Coordinate System	1	
Standard		~
Program Type		
2-Axis		$\sim$ Single Definition
Contour Type Open Contour	)	

A new feature is that open and closed contours can be defined simultaneously using the 'Open contour' checkbox.

#### 'Open contour' checkbox

- 1. 1st option: tick = only defines open contours
- 2. 2nd option (new): Click checkbox a second time = defines closed and open contours simultaneously
- 3. 3rd option: Click the checkbox a third time = the field is deactivated again

Job Plan Automatic	on Starting Point		
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Starting Point Type 🔮 🔨			
Point			~
Predefined Starting Hole Geometry			
Starting Point - Direct 🔮 🔨			
Wire Position			
Left 🗸			$\sim$
Invert			
Starting Hole Dime	nsion		
Diameter	0.5000000		
For Bore Processor Output			

## Defined starting point - with predefined starting hole geometry.

The start hole sketch no longer needs to be selected - if one exists, it is automatically recognized after confirmation with OK/Apply. Another new feature here, as with automatic start point detection, is that the start point properties, such as diameter, wire position, etc., can be specified directly.

Job Plan	Automation	Contour Definition	n		
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Diamet	er 1	.000000			<b>1</b>
For	Bore Processo	r Output			

#### **Automatic start point detection**

# The **'Automatic start point detection'** of the 'Settings' dialog is now located in the 'Contour definition' dialog. Existing start point sketches are recognized automatically. Another new feature is that the start point properties, such as diameter, wire position, etc., can be specified directly.

## **TAB or Shift-TAB navigation**

When using TAB or Shift-TAB in a dialog, you can simply navigate between editing fields and dropdown fields. All other controls in the dialog are skipped.

## 'Contour definition' dialog

New: The program/contour types are offered according to the CAD model.

## **New filters**

- Color and name filters now also for the raw part data
- Color and name filters now also for events

## Automation

Job Plan Automation			
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✓ ☑ Sutomation Template			
P Mitsubishi with D-CUBES CNC			
Program Data			
👗 Standard			
Automation Template for Contour Definition			
<ul> <li>Automation Templates for Starting Points</li> </ul>			
• Automation Template For Starting Points			
Automation Template For Starting Points			
Automation Templates for Contours			
<ul> <li>✓ Section Template For Contours</li> <li>✓ J Automation Templates for Jobs</li> </ul>			
<ul> <li>Automation reinplates for 500s</li> <li>Die - separated immediately</li> </ul>			
Die plate - separated directly after main cut			
Outer/inner - separated on end			
NC Code			
> 🚰 Epilogue			
		+	
Approach/Retraction			
Fillet			
Interpolation			
Destruction Cut			
ST-020-002-STD-MS-0.25			
Sequence Control			
Additional Offset			
Revolved Profile     Events			
NC Code			
Color Filter		~	

# **One-Click-NC**

Define your reoccuring EDM tasks completely in automation templates by combining geometric properties or colors and names of your CAD model with technological properties of DCAMCUT.

DCAMCUT guides you step by step through the process of defining your automation template.

Once created and activated, simply press the NC browser button after opening files that match your automation template. The NC program is written automatically. Contour definition, start point definition, assignment of contour properties, job definition, setting of header data - all this is no longer necessary.

#### **Inventor 2025**

Inventor 2025 is also supported within this release.

#### 30.04.2024 DCAMCUT 9.0 Release Note 9.0.21978

### Mitsubishi 64 Bit:

Additional parameter "extended" to control the output of the rethreading point.

Job Plan	Automation	MITSUBISHI 64 Bit				
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POWER	R Master					
Witho	ut		~			
🗹 Aut	omatic					
At Star	t rt inside first l	horehole				
		borenole				
	m Type oprogram					
Coordi	Coordinate Output					
🗸 Abs	olute					
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AW		tended				
			cess is triggered in each starting point f wire break repair, the process always			
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Precisio	on					
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Speed						
Escape	Speed					
Interpr	ocess Speed					
Additio	nal Options		~			