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?xml version="1.0" encoding="utf-8"?

ToolLibrary Version="0.9.8.0" NumberFormat="0.00"

ToolDefinition Name="3.175 4 flute miniature"

Index		8 /Index
Diameter		0.396875 /Diameter
ToolProfile	BallNose	/ToolProfile
Flutes		4 /Flutes
FluteLength		0.762 /FluteLength
Length		38.1 /Length
Notes	niagara cutter MESB430	/Notes
Material	Carbide	/Material
ShankDiameter		3.175 /ShankDiameter
HelixAngle		30 /HelixAngle
VeeAngle		0 /VeeAngle
MaxRampAngle		0 /MaxRampAngle
ToothLoad		0 /ToothLoad
AxialDepthOfCut		0 /AxialDepthOfCut
RadialDepthOfCut		0 /RadialDepthOfCut

/ToolDefinition

ToolDefinition Name="3.175 mm 4 flutes Ballnose Mill"

Index		6 /Index
Diameter		3.175 /Diameter
ToolProfile	BallNose	/ToolProfile
Flutes		4 /Flutes
FluteLength		1 /FluteLength
Length		3 /Length
Notes	niagara cutter cb430	/Notes
PartCode	cb430	/PartCode
Material	Carbide	/Material
Coating	TiCN	/Coating
ShankDiameter		3.175 /ShankDiameter
HelixAngle		30 /HelixAngle
VeeAngle		0 /VeeAngle
MaxRampAngle		0 /MaxRampAngle
ToothLoad		0 /ToothLoad
AxialDepthOfCut		0 /AxialDepthOfCut
RadialDepthOfCut		0 /RadialDepthOfCut

/ToolDefinition

ToolDefinition Name="3.175 mm 4 flutes End Mill"

Index		7 /Index
Diameter		1.5875 /Diameter
ToolProfile	EndMill	/ToolProfile
Flutes		4 /Flutes
FluteLength		3.175 /FluteLength
Length		38.1 /Length
Notes	Niagara cutter C430	/Notes
PartCode	C430	/PartCode
Material	Carbide	/Material
Coating	TiAlN	/Coating
ShankDiameter		3.175 /ShankDiameter
HelixAngle		30 /HelixAngle
VeeAngle		0 /VeeAngle
MaxRampAngle		0 /MaxRampAngle

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ToothLoad		0 /ToothLoad
AxialDepthOfCut		0 /AxialDepthOfCut
RadialDepthOfCut		0 /RadialDepthOfCut
/ToolDefinition		
ToolDefinition Name="6.00 3 flutes Ballnose Mill"		
Index		3 /Index
Diameter		6 /Diameter
ToolProfile	BallNose	/ToolProfile
Flutes		3 /Flutes
FluteLength		41 /FluteLength
Length		101 /Length
Material	HSS	/Material
ShankDiameter		6 /ShankDiameter
HelixAngle		0 /HelixAngle
VeeAngle		0 /VeeAngle
MaxRampAngle		0 /MaxRampAngle
ToothLoad		0 /ToothLoad
AxialDepthOfCut		0 /AxialDepthOfCut
RadialDepthOfCut		0 /RadialDepthOfCut
/ToolDefinition		
ToolDefinition Name="6.00 mmm 1 flutes End mill"		
Index		1 /Index
Diameter		6 /Diameter
ToolProfile	BallNose	/ToolProfile
Flutes		3 /Flutes
FluteLength		26.3 /FluteLength
Length		76.2 /Length
Material	HSS	/Material
ShankDiameter		6 /ShankDiameter
HelixAngle		0 /HelixAngle
VeeAngle		0 /VeeAngle
MaxRampAngle		30 /MaxRampAngle
ToothLoad		0 /ToothLoad
AxialDepthOfCut		0 /AxialDepthOfCut
RadialDepthOfCut		0 /RadialDepthOfCut
/ToolDefinition		
ToolDefinition Name="6.35 cylindral endcut"		
Index		5 /Index
Diameter		6.35 /Diameter
ToolProfile	EndMill	/ToolProfile
Flutes		0 /Flutes
FluteLength		15.875 /FluteLength
Length		50.8 /Length
PartCode	Metal remover M40254	/PartCode
ShankDiameter		6.35 /ShankDiameter
HelixAngle		0 /HelixAngle
VeeAngle		0 /VeeAngle
MaxRampAngle		0 /MaxRampAngle
ToothLoad		0 /ToothLoad
AxialDepthOfCut		0 /AxialDepthOfCut
RadialDepthOfCut		0 /RadialDepthOfCut
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ToolDefinition Name="6.35 mm 4 flutes End Mill"		

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VeeAngle  
MaxRampAngle  
ToothLoad  
AxialDepthOfCut  
RadialDepthOfCut  
/ToolDefinition  
/ToolLibrary

EndMill

Fastenal 0321779  
HSS

2 /Index  
6.35 /Diameter  
/ToolProfile  
4 /Flutes  
21 /FluteLength  
63 /Length  
/Notes  
/Material  
6.35 /ShankDiameter  
30 /HelixAngle  
0 /VeeAngle  
0 /MaxRampAngle  
0 /ToothLoad  
0 /AxialDepthOfCut  
0 /RadialDepthOfCut