

## Classification overview

Sorted by User Classification Name

### 1- HOLE MAKING

#### 11- DRILLS

116 - REDUCED SHANK DRILLS	
115- STEP TWIST DRILLS	/VCDRILL_END /CAMfgDrillTool /UG2 /TBTwist /ES2
118 - SPOT DRILL CARBIDE	/ES02
117 - CARBIDE STEP DRILL	
112- TWIST DRILL HSS	/VCDRILL_END /CAMfgDrillTool /UG2 /TBTwist /ES2
111- CENTER DRILL	/VCDRILL_END /CAMfgDrillTool /UG2 /TBSpot /ES3
114- TWIST DRILL COBALT	/VCDRILL_END /CAMfgDrillTool /UG2 /TBTwist /ES2
113- TWIST DRILL CARBIDE	/ES02

#### 12- INSERT DRILLS

122- INDEXABLE HEAD DRILL	
121- INDEXABLE DRILLS	/VCDRILL_END /CAMfgDrillTool /UG2 /TBTwist /ES02

#### 13- DRILLS METRIC

134- TWIST DRILL COBALT METRIC	/VCDRILL_END /CAMfgDrillTool /UG2 /TBTwist /ES2
135- STEP TWIST DRILL METRIC	/VCDRILL_END /CAMfgMultiDiamDrillTool /UG2 /TBStep /ES3
133- TWIST DRILL CARBIDE METRI	/VCDRILL_END /CAMfgCenterDrillTool/UG2/TBTwist /ES2/VCDRILL
131- CENTER DRILL METRIC	/VCDRILL_END /CAMfgDrillTool /UG2 /TBSpot /ES3
132- TWIST DRILL HSS METRIC	/VCDRILL_END /CAMfgDrillTool /UG2 /TBTwist /ES2

#### 14- COUNTERSINK

143 - CARBIDE, SOLID	/ES11
142 - CARBIDE INSERT	/ES11
141- HSS	/ES11

#### 15 - COUNTER BORE

152-BACK C'BORE	
151 - ACCESSORIES	

### 2- MILLS

#### 21- END MILL

214- BULL NOSE END MILL	/ES07
215- CONICAL MILL	/ES010
213- BALL END MILL	/ES09
211- END MILL ROUGHENING	/VCFLUT_END /CAMfgEndMillTool /UG1 /TBEnd /ES1
212- END MILL FINISHING	/VCFLUT_END /CAMfgEndMillTool /UG1 /TBEnd /ES01/VCFLAT_END

#### 22- INSERT MILL

225- PLUNGE MILLS	
226 - COPY MILL	
227 - MUSHROOM CUTTER	/ES25
224- SIDE MILLING CUTTER	
221- FACE MILL	/VCFLUT_END /CAMfgFaceMillTool /UG1 /TBEnd /ES08
222- SQUARE SHOULDER CUTTER	/ES08
223- CHAMFER MILL	/ES011

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### 23- MISC MILLS

237 - THREAD MILL	/ES20
236- QUARTER ROUND MILL	/ES12
239 - SLITTING SAW CUTTER	/ES25
238 - KEYSEAT CUTTER	/ES025
235- DOVETAIL MILL	
232- T-SLOT MILLING CUTTER	/ES25
231- ENGRAVING TOOL	/ES10
234- HALF CIRCLE CUTTER	
233- SHELL MILL HSS	

### 25- END MILL METRIC

253- BALL END MILL METRIC	/VCBULL_END /CAMfgEndMillTool /UG1 /TBEnd /ES9
254- BULL NOSE END MILL	/VCBULL_END /CAMfgEndMillTool /UG1 /TBSphere /ES8
251- END MILL ROUGH METRIC	/VCFLUT_END /CAMfgEndMillTool /UG1 /TBEnd /ES1
252- END MILL FINISHING METRI	/VCFLUT_END /CAMfgEndMillTool /UG1 /TBEnd /ES1

### 26- INSERT MILL METR

263- CHAMFER MILL METRIC	/CAMfgCountersinkTool /UG1 /TBCone /ES11
264- SIDE MILLING CUTTER METRI	/VCBULL_END /CAMfgTSlotterTool /UG1 /TBSide /ES25
261- FACE MILL METRIC	/VCFLUT_END /CAMfgFaceMillTool /UG1 /ES8
262- SQ SHOULDER MILL METRIC	/VCFLUT_END /CAMfgEndMillTool /UG1 /TBEnd /ES1

### 27- MISC MILLS METRI

274- HALF CIRCLE CUTTER METRIC	/UG1 /TBSide /ES25
275- DOVETAIL MILL METRIC	/CAMfgCountersinkTool /UG1 /TBCone /ES13
276- QUARTER ROUND MILL METRIC	/CAMfgCountersinkTool /UG1 /TBCone /ES12
271- ENGRAVING TOOL METRIC	/VCDRILL_END /CAMfgCountersinkTool /UG1 /TBCone /ES2
272- T-SLOT MILL METRIC	/VCFLUT_END /CAMfgTSlotterTool /UG1 /TBBoring /ES25
273- SHELL MILL HSS METRIC	/VCFLUT_END /CAMfgFaceMillTool /UG1 /TBEnd /ES8

### 28- CORNER RADIUS

283- .06 RAD	
282- .03 RAD	
281- .015 RAD	

## 3- TAPS

### 31- TAPS

313- STI TAP	
314- FORM TAP	/VCDRILL_END /CAMfgTapTool /UG2 /TEBTap /ES4
311- TAP BLIND HOLE	/VCDRILL_END /CAMfgTapTool /UG2 /TEBTap /ES4/VCDRILL
312- TAP THROUGH HOLE	/VCDRILL_END /CAMfgTapTool /UG2 /TEBTap /ES4

### 32 -PIPE TAPS

321 - NPT	/ES4
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### 33- TAPS METRIC

332 - tap metric blind hole	/VCDRILL_END /CAMfgTapTool /UG2 /TBTap /ES4
331 - TAP METRIC THRU HOLE	/VCDRILL_END /CAMfgTapTool /UG2 /TBTap /ES4

## 4- REAMERS

### 41 - CARBIDE TIPPED

413 - insert for reamer	
412 - reamer taper	/VCDRILL_END /UG2 /TBReamer /ES10
411 - STRAIGHT FLUTE	/VCDRILL_END /UG2 /TBReamer /ES5

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### 42 -HIGH SPEED STEEL

421- STRAIGHT FLUTE /VCDRILL\_END /UG2 /TBReamer /ES5

### 5- MODULAR SYSTEMS

#### 51 - System type A \*

514 - BORING CARTRIDGE /ES06

515 - Extension

513 - boring bar A \* /CAMfgBoringBarTool /UG2 /TBBoring /ES6

511 - holder modular A \*

512 - boring head A \* /CAMfgBoringBarTool /UG2 /TBBoring/ES6

#### 52 - CAPTO

523 - SHELL MILL HOLDER

522 - EXT

521 - HOLDER

### 6- TURNING TOOLS

#### 61 - turning \*

612 - turning tool inside \* /UG3

611 - turning tool outside \* /UG3

#### 62 - grooving \*

623 - grooving tool axial /UG3

622 - grooving tool inside /UG3

621 - grooving tool outside \* /UG3

#### 63 - thread

632 - threading inside /UG3

631- threading outside /UG3

#### 64 - drilling \*

642 - drilling radial \*

#### 65 - milling \*

651 - milling on-axis \*

### 7- INSERTS

#### 71- Turning Insert

717 - INSERT FORM T

716 - INSERT FORM S

719 - SECO SPOT DRILL /ES02

718 - INSERT FORM B

712 - "C" Style Insert

711- INSERT FORM X

715 - INSERT FORM Q

713 - "D" Style Insert

#### 72 - grooving blade\*

722 - insert form grooving

721 - insert grooving \*

#### 73 - insert thread

732 - insert thread milling /ES20

731 - insert thread turning

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### 74 - inserts \*

717 - insert form T  
 716 - insert form S \*  
 719 - other inserts \*  
 718 - insert form V  
 715 - insert form R \*  
 712 - insert form D \*  
 711 - insert form C \*  
 714 - insert form L  
 713 - insert from E

### 75- Drill Inserts

752 - KOMET  
 751- ISCAR CHAM-DRILL                   /VCDRILL\_END /CAMfgDrillTool /UG2 /TBTwist /ES2

### 76 - Boring Inserts

762 - KENAMETAL  
 761 - KOMET

### 77 - Milling Inserts

774 - ROUND  
 775 - SLITTING SAW  
 776 - PLUNGE MILL                       /ES08  
 771 - CORNER ROUND                   /ES12  
 772 - CHAMFER AND C SINK           /ES11  
 773 - FACE MILLING                    /ES08

### 78 - Komet

782 - Komet Boring inserts  
 781 - Komet Drilling Inserts

## 8- HOLDERS

### 81- ROTATING HOLDERS

818 - MORSE TAPER  
 817 - STUD ARBORS  
 819- MISC. HOLDERS  
 847 - HYDRAULIC COLLETS  
 846 - COLLETS  
 813- TAP HOLDERS  
 812- COLLET HOLDERS  
 814- SHELL MILL HOLDERS  
 816 - SIDE MILL ARBOR  
 815- HYDRAULICS

### 82- STATIC HOLDERS

822 - boring bar holder \*  
 823 - collet chuck f. turning\*  
 821 - turning tool holder \*  
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 811- END MILL HOLDERS

### 83- HOLDER ACCESSORY

835 - ARBOR NUT  
 839- MISC. HOLDER ACCESSORIES  
 834 - ARBOR SPACERS  
 832- QUICK CHANGE ADAPTERS  
 833- SHELL MILL HOLDER RINGS

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### 84- METRIC HOLDERS

- 816 - collet chuck ER \*
- 818 - tap holder \*
- 811 - shell mill holder \*
- 812 - end mill holder fl.driv.\*

### **9- MISC**

#### 91 - MEASURE. GAUGES

- 912 - GAUGES
- 911 - MEASURE POINTS

#### 92 - STAND OFFS

- 922 - 1.25 LONG STAND OFFS

#### 93 - MILL TOOLS

- 932 - MILLS
- 931- HOLE MAKING

#### 94 - WORKHOLDING

- 943 - JIGS
- 944 - TOMBSTONES
- 941 - FIXTURES
- 942 - VISES & CLAMPS