

Press Release

H1 Sophisticated Inovatools tool solutions at AMB 2018:

H2 **Produce Surfaces of Exceptional Brilliance Quickly with the New CurveMax Milling Cutters**

H3 Unique design features for outstanding tool performance

1 **le** The new CSC (Curve Segment Cutting) CurveMax milling cutters from tool manufacturer Inovatools not only reduce processing times for finishing complex free-form surfaces in tool and mold construction, turbine blade production, and complex component geometries in general machine engineering, but also enhance surface quality compared with the full-radius mills previously used for these tasks. At AMB, the tool specialists from Kinding-Haunstetten in Germany will be showcasing a number of brand-new tools concerning this CSC strategy, respectively the arc segment milling cutter strategy at stand C50 in hall 3. The event will also be an opportunity for the company to present its various tool solutions for a range of cutting applications, including the FightMax series for processing steel materials and the new Primus aluminum roughing end mills.

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

Presscontact:

KSKOMM GmbH & Co. KG
Jahnstraße 13
56235 Ransbach-Baumbach
Germany

Phone: +49 2623 900780
Fax: +49 2623 900778

E-Mail: ks@kskomm.de

Date: 17.07.2018

Id.-No.: 595_6525

Pages: 5

Numb. of char: 5533

For publication free until:

33 te At AMB, Inovatools is set to
34 showcase its high-quality preci-
35 sion tools for the metal machin-
36 ing industry – from threaded
37 tools, mills, drills, reamers and
38 counterbores to gauges, saw
39 blades and countless other
40 special solutions with a range of
41 features and designs – as well
42 as its comprehensive portfolio
43 of additional services.

44
45 **Barrel milling cutters boost**
46 **productivity and quality**

47
48 A highlight of the trade show
49 stand will be the new CSC
50 CurveMax milling cutters, avail-
51 able in a conical or tangential
52 design. The four-edged cutter
53 from Inovatools is ideal for fin-
54 ishing applications. Tobias
55 Eckerle, Product Manager at
56 Inovatools, explains: “The CNC
57 strategy is a prime example of
58 how we’ve combined the latest
59 high-performance CAM soft-
60 ware with powerful processing
61 centers and innovative new
62 tooling to develop pioneering
63 new cutting techniques.”

64
65 The new CurveMax milling cut-
66 ters from Inovatools feature
67 special geometries to permit
68 larger path distances and line
69 jumps during pre-finishing and
70 finishing. The working radius is
71 larger than that of a traditional
72 full-radius mill, yet the tool still
73 has the same diameter. The
74 new process increases surface
75 quality and significantly short-
76 ens processing times.

77
78 Tobias Eckerle continues:
79 “Powerful processing machines
80 can calculate the optimum path
81 for our new CurveMax tools to
82 make maximum use of our
83 unique tool geometry. As well

84 as enhanced surface quality
85 and shorter production times,
86 our CurveMax milling cutters
87 significantly boost productivity;
88 at some point in the future, they
89 will completely replace tradi-
90 tional full-radius mills.”

91

92 **FightMax now available in**
93 **diameter range from 3 mm**
94 **upwards: optimum cutting**
95 **of steel materials**

96

97 Inovatools has already suc-
98 cessfully launched the
99 FightMax HPC mill series for
100 machining steel materials and
101 the INOX series. They are now
102 available in a diameter range
103 from 3 mm upwards to 20 mm).
104 The FightMax INOX VHM-HPC
105 roughing and finishing milling
106 cutter is just one example from
107 the tool series. Its special ge-
108 ometry and chip removal tech-
109 nology, as well as its defined
110 edge preparation process and
111 micro-geometry, result in a ro-
112 bust, high-performance milling
113 cutter. Performance is en-
114 hanced by the smooth high-
115 performance DUOCON coating,
116 guaranteeing the FightMax
117 INOX a long service life, even
118 at high feed rates and cutting
119 speeds.

120

121 **High-performance aluminum**
122 **cutting with Primus**

123

124 The Inovatools stand at the
125 trade show will also incorporate
126 solutions for machining non-
127 ferrous metals – including cut-
128 ting aluminum. Inovatools will
129 showcase the high-end Primus
130 HPC aluminum roughing end
131 mill, which comes complete
132 with internal cooling and multi-
133 turning technology. Thanks to
its unique design features, such

134 as its special entwined tooth
135 system, edge preparation, op-
136 timized micro-geometry and
137 high-performance Ta-C coating,
138 the mill is equipped to deliver
139 consistently quiet, low-vibration,
140 energy-efficient performance
141 even at extremely high feed
142 rates.

143 Tobias Eckerle comments:
144 "Since Inovatools has all the
145 relevant quality factors of tool
146 manufacture, such as design,
147 carbide manufacture, edge
148 preparation and coating, under
149 its own control, any new tool we
150 produce is quick to reach users
151 and meet market requirements
152 – and we can guarantee opti-
153 mum product quality. Visitors to
154 AMB can find out more about
155 our comprehensive product
156 portfolio at our trade show
157 stand."

158
159 ***The Inovatools trade show***
160 ***stand will be located at stand***
161 ***C50 in hall 3.***
162

163 **Further information:**

164 **Contact in USA:**

165 **Inovatools USA LLC**

166 10227 White Rd.
167 Linden, Michigan 48451
168 USA

169 **Managing Director**
170 Mr. Douglas Kline

171 Phone: +1 8104448745
172 E-Mail: d.kline@inovatools.eu
173 www.inovatools.eu

174 **Contact in Germany:**

175 **Inovatoools Eckerle & Ertel GmbH**

176

177

Im Hüttental 3
85125 Kinding-Haunstetten
Germany

178

179

180

Managing Director

181

Georg Eckerle

182

Ditmar Ertel

183

Memo Ildirar

184

Phone: +49 8467 8400-0

185

Fax: +49 8467796

186

E-Mail: info@inovatools.eu

187

www.inovatools.eu

188

Notes for the editor:

189

For text and photo data, please

190

contact KSKOMM,

191

Phone: +49 2623 900780,

192

E-Mail: ks@kskomm.de.

ca



193

194

195

The new CSC (Curve Segment Cutting) CurveMax milling cutters from tool manufacturer Inovatoools.

196

197

198



199
200
201
202
203
204

The FightMax INOX VHM-HPC roughing and finishing milling cutter.



205

206
207

The Primus VHM-HPC aluminum roughing end mill with internal cooling and multi-turning technology.

208

209

Photo: Inovatools Eckerle & Ertel GmbH