



GUHRING Interchangeable insert type 1099

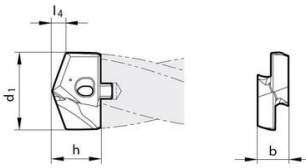


Design: Ultra-fine grain-solid carbide.
 High toughness and bend break-resistance. The precise point geometry, 140° point angle and the ratio point thinning result in a self-centring blade geometry. Cutting tolerance h7.

Note: Further dimensions available on request.

Cutting tolerance: m7

Application: Grey cast iron, nodular graphite casting and malleable cast iron.



Characteristics

Cutting direction: Right

Type: Drill inserts

Coating: FIREX

Cooling channel(Oil feed): 0

Point angle: 140 °

Diameter mm	Material	Article
12		12593077
13	Solid carbide	12593086
13.5	Solid carbide	12593089
14	Solid carbide	12593094
14.5	Solid carbide	12593098
15	Solid carbide	12593103
15.5	Solid carbide	12593109
16	Solid carbide	12593114
16.5	Solid carbide	12593116
17	Solid carbide	12593118
17.5	Solid carbide	12593121
18	Solid carbide	12593124
18.5	Solid carbide	12593126
19	Solid carbide	12593128
19.5	Solid carbide	12593132
20	Solid carbide	12593135
20.5	Solid carbide	12593137
21	Solid carbide	12593139
21.5	Solid carbide	12593143
22	Solid carbide	12593145
22.5	Solid carbide	12593147
23	Solid carbide	12593149
24	Solid carbide	12593154
24.5	Solid carbide	12593157
25	Solid carbide	12593159
25.5	Solid carbide	12593161
26	Solid carbide	12593165
26.5	Solid carbide	12593167
27	Solid carbide	12593169
27.5	Solid carbide	12593170

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Diameter mm	Material	Article
28	Solid carbide	12593173
28.5	Solid carbide	12593175
29	Solid carbide	12593177
29.5	Solid carbide	12593179
30	Solid carbide	12593181
30.5	Solid carbide	12593183
31	Solid carbide	12593185
31.5	Solid carbide	12593186
32	Solid carbide	12593188
32.5	Solid carbide	12593189
33	Solid carbide	12593192
33.5	Solid carbide	12593194
34	Solid carbide	12593195
34.5	Solid carbide	12593197
35	Solid carbide	12593199
35.5	Solid carbide	12593200
36	Solid carbide	12593202
36.5	Solid carbide	12593203
37	Solid carbide	12593205
37.5	Solid carbide	12593207
38	Solid carbide	12593208
38.5	Solid carbide	12593211
39	Solid carbide	12593212
39.5	Solid carbide	12593213

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