



# ≤3×D Drilling depth

Tool holders ≤3×D Guhring no. 4107



Guhring no.  
Tool material  
Carbide grade  
Surface finish

<b>4112</b>
<b>Carbide</b>
K/P
⊙

especially for machining of

steel



$v_c$ m/min	Feed column no.
130	6
110	5
130	7
110	6
130	6
125	6
110	5
110	6
90	5
130	7
110	6
70	4
105	5
70	4
60	5
55	4
55	3
50	2
55	3
40	3
35	3
25	2
25	2
40	3
35	2

Guhring no.  
Tool material  
Carbide grade  
Surface finish

<b>4113</b>
<b>Carbide</b>
K/P
⊙

especially for machining of

cast materials



$v_c$ m/min	Feed column no.
100	6
90	6
80	5
80	5
80	5
80	5
120	7
100	6
90	6

Guhring no.  
Tool material  
Carbide grade  
Surface finish

<b>4114</b>
<b>Carbide</b>
K
○

especially for machining of

aluminium  
and Al-alloys



$v_c$ m/min	Feed column no.
200	7
180	7
150	7
120	7
180	7
70	6
180	7
120	6
70	6
50	6
45	6
35	5