Tool holders ≤ 7×D, Guhring no. 4109

Guhring no.	4112	4113	4114
Tool material	Solid carbide	Solid carbide	Solid carbide
Carbide grade	K/P	K/P	K
Surface finish	nanoFIRE	FIRE	bright
Application	steel	cast iron	Al and Al-alloys
v_c m/min	Feed column no.	v_c m/min	Feed column no.	v_c m/min	Feed column no.
120	5				
105	4				
120	6				
105	5				
120	5				
110	5				
100	4				
100	5				
85	4				
120	6				
100	5				
70	4				
105	4				
70	3				
55	4				
50	3				
55	2				
50	2				
55	2				
40	2				
35	2				
25	1				
25	1				
		80	6		
		70	6		
		60	5		
		60	5		
		60	5		
		60	5		
		100	7		
		80	6		
		70	6		
40	2				
35	1				
				180	6
				180	6
				140	6
				110	6
				180	6
				70	5
				180	6
				120	5
				70	5
				50	5
				45	5
				35	4