

HSS ANNULAR CUTTER

- Manufacturing process: CNC fully ground
- Shank: Weldon, One Touch
- Material: M2, M35, M42
- Finish: bright, TiN
- Diameter: 12-100mm



Metric

D	d	25MM		50MM		75MM		100MM		Flutes
		FL	OAL	FL	OAL	FL	OAL	FL	OAL	
12	19	41	65							3
13	19	41	65							4
14	19	41	65							4
15	19	41	65							4
16	19	41	65							4
17	19	41	65							4
18	19	41	65							6
19	19	41	65							6
20	19	41	65	63	87	90	114	114	138	6
21	19	41	65	63	87	90	114	114	138	6
22	19	41	65	63	87	90	114	114	138	6
23	19	41	65	63	87	90	114	114	138	6
24	19	41	65	63	87	90	114	114	138	6
25	19	41	65	63	87	90	114	114	138	6
26	19	41	65	63	87	90	114	114	138	6
27	19	41	65	63	87	90	114	114	138	6
28	19	41	65	63	87	90	114	114	138	6
29	19	41	65	63	87	90	114	114	138	8
30	19	41	65	63	87	90	114	114	138	8
31	19	41	65	63	87	90	114	114	138	8
32	19	41	65	63	87	90	114	114	138	8
33	19	41	65	63	87	90	114	114	138	8
34	19	41	65	63	87	90	114	114	138	8
35	19	41	65	63	87	90	114	114	138	8
36	19	41	65	63	87	90	114	114	138	8
37	19	41	65	63	87	90	114	114	138	8
38	19	41	65	63	87	90	114	114	138	8
39	19	41	65	63	87	90	114	114	138	8
40	19	41	65	63	87	90	114	114	138	8
41	19	41	65	63	87	90	114	114	138	8
42	19	41	65	63	87	90	114	114	138	8
43	19	41	65	63	87	90	114	114	138	8
44	19	41	65	63	87	90	114	114	138	8
45	19	41	65	63	87	90	114	114	138	8
46	19	41	65	63	87	90	114	114	138	8
47	19	41	65	63	87	90	114	114	138	8
48	19	41	65	63	87	90	114	114	138	8
49	19	41	65	63	87	90	114	114	138	10
50	19	41	65	63	87	90	114	114	138	10
51	19	41	65	63	87	90	114	114	138	10
52	19	41	65	63	87	90	114	114	138	12
53	19	41	65	63	87	90	114	114	138	12
54	19	41	65	63	87	90	114	114	138	12
55	19	41	65	63	87	90	114	114	138	12
56	19	41	65	63	87	90	114	114	138	14
57	19	41	65	63	87	90	114	114	138	14
58	19	41	65	63	87	90	114	114	138	14
59	19	41	65	63	87	90	114	114	138	14
60	19	41	65	63	87	90	114	114	138	14
61	32	41	65	63	87	90	114	114	138	14

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Metric

D	d	25MM		50MM		75MM		100MM		Flutes
		FL	OAL	FL	OAL	FL	OAL	FL	OAL	
62	32	41	65	63	87	90	114	114	138	14
63	32	41	65	63	87	90	114	114	138	14
64	32	41	65	63	87	90	114	114	138	14
65	32	41	65	63	87	90	114	114	138	14
66	32	41	65	63	87	90	114	114	138	14
67	32	41	65	63	87	90	114	114	138	14
68	32	41	65	63	87	90	114	114	138	14
69	32	41	65	63	87	90	114	114	138	14
70	32	41	65	63	87	90	114	114	138	14
71	32	41	65	63	87	90	114	114	138	14
72	32	41	65	63	87	90	114	114	138	14
73	32	41	65	63	87	90	114	114	138	14
74	32	41	65	63	87	90	114	114	138	14
75	32	41	65	63	87	90	114	114	138	14
76	32	41	65	63	87	90	114	114	138	14
77	32	41	65	63	87	90	114	114	138	14
78	32	41	65	63	87	90	114	114	138	14
79	32	41	65	63	87	90	114	114	138	14
80	32	41	65	63	87	90	114	114	138	14
81	32	41	65	63	87	90	114	114	138	14
82	32	41	65	63	87	90	114	114	138	14
83	32	41	65	63	87	90	114	114	138	14
84	32	41	65	63	87	90	114	114	138	14
85	32	41	65	63	87	90	114	114	138	14
86	32	41	65	63	87	90	114	114	138	14
87	32	41	65	63	87	90	114	114	138	14
88	32	41	65	63	87	90	114	114	138	14
89	32	41	65	63	87	90	114	114	138	14
90	32	41	65	63	87	90	114	114	138	14
91	32	41	65	63	87	90	114	114	138	14
92	32	41	65	63	87	90	114	114	138	14
93	32	41	65	63	87	90	114	114	138	14
94	32	41	65	63	87	90	114	114	138	14
95	32	41	65	63	87	90	114	114	138	14
96	32	41	65	63	87	90	114	114	138	14
97	32	41	65	63	87	90	114	114	138	14
98	32	41	65	63	87	90	114	114	138	14
99	32	41	65	63	87	90	114	114	138	14
100	32	41	65	63	87	90	114	114	138	14

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- Diameter: 7/16-4inch



Fractional

D	d	1INCH		2INCH		3INCH		4INCH		Flutes
		FL	OAL	FL	OAL	FL	OAL	FL	OAL	
7/16	3/4	41	65							3
1/2	3/4	41	65							4
9/16	3/4	41	65							4
19/32	3/4	41	65							4
5/8	3/4	41	65							4
21/32	3/4	41	65							4
11/16	3/4	41	65							6
3/4	3/4	41	65							6
25/32	3/4	41	65	63	87	90	114	114	138	6
13/16	3/4	41	65	63	87	90	114	114	138	6
7/8	3/4	41	65	63	87	90	114	114	138	6
29/32	3/4	41	65	63	87	90	114	114	138	6
15/16	3/4	41	65	63	87	90	114	114	138	6
1	3/4	41	65	63	87	90	114	114	138	6
1 1/32	3/4	41	65	63	87	90	114	114	138	6
1 1/16	3/4	41	65	63	87	90	114	114	138	6
1 3/32	3/4	41	65	63	87	90	114	114	138	6
1 1/8	3/4	41	65	63	87	90	114	114	138	8
1 3/16	3/4	41	65	63	87	90	114	114	138	8
1 7/32	3/4	41	65	63	87	90	114	114	138	8
1 1/4	3/4	41	65	63	87	90	114	114	138	8
1 9/32	3/4	41	65	63	87	90	114	114	138	8
1 5/16	3/4	41	65	63	87	90	114	114	138	8
1 3/8	3/4	41	65	63	87	90	114	114	138	8
1 13/32	3/4	41	65	63	87	90	114	114	138	8
1 7/16	3/4	41	65	63	87	90	114	114	138	8
1 1/2	3/4	41	65	63	87	90	114	114	138	8
1 17/32	3/4	41	65	63	87	90	114	114	138	8
1 9/16	3/4	41	65	63	87	90	114	114	138	8
1 5/8	3/4	41	65	63	87	90	114	114	138	8
1 21/32	3/4	41	65	63	87	90	114	114	138	8
1 11/16	3/4	41	65	63	87	90	114	114	138	8
1 23/32	3/4	41	65	63	87	90	114	114	138	8
1 3/4	3/4	41	65	63	87	90	114	114	138	8
1 13/16	3/4	41	65	63	87	90	114	114	138	8
1 27/32	3/4	41	65	63	87	90	114	114	138	8
1 7/8	3/4	41	65	63	87	90	114	114	138	8
1 15/16	3/4	41	65	63	87	90	114	114	138	10
1 31/32	3/4	41	65	63	87	90	114	114	138	10
2	3/4	41	65	63	87	90	114	114	138	10
2 1/32	3/4	41	65	63	87	90	114	114	138	12
2 1/16	3/4	41	65	63	87	90	114	114	138	12
2 1/8	3/4	41	65	63	87	90	114	114	138	12
2 5/32	3/4	41	65	63	87	90	114	114	138	12
2 3/16	3/4	41	65	63	87	90	114	114	138	14
2 7/32	3/4	41	65	63	87	90	114	114	138	14
2 1/4	3/4	41	65	63	87	90	114	114	138	14
2 5/16	3/4	41	65	63	87	90	114	114	138	14
2 11/32	3/4	41	65	63	87	90	114	114	138	14
2 3/8	1 1/4	41	65	63	87	90	114	114	138	14

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Fractional

D	d	1INCH		2INCH		3INCH		4INCH		Flutes
		FL	OAL	FL	OAL	FL	OAL	FL	OAL	
2 7/16	1 1/4	41	65	63	87	90	114	114	138	6
2 15/32	1 1/4	41	65	63	87	90	114	114	138	6
2 1/2	1 1/4	41	65	63	87	90	114	114	138	6
2 17/32	1 1/4	41	65	63	87	90	114	114	138	6
2 9/16	1 1/4	41	65	63	87	90	114	114	138	6
2 5/8	1 1/4	41	65	63	87	90	114	114	138	6
2 11/16	1 1/4	41	65	63	87	90	114	114	138	8
2 23/32	1 1/4	41	65	63	87	90	114	114	138	8
2 3/4	1 1/4	41	65	63	87	90	114	114	138	8
2 25/32	1 1/4	41	65	63	87	90	114	114	138	8
2 13/16	1 1/4	41	65	63	87	90	114	114	138	8
2 27/32	1 1/4	41	65	63	87	90	114	114	138	8
2 7/8	1 1/4	41	65	63	87	90	114	114	138	8
2 15/16	1 1/4	41	65	63	87	90	114	114	138	8
3	1 1/4	41	65	63	87	90	114	114	138	8
3 1/32	1 1/4	41	65	63	87	90	114	114	138	8
3 1/16	1 1/4	41	65	63	87	90	114	114	138	8
3 3/32	1 1/4	41	65	63	87	90	114	114	138	8
3 1/8	1 1/4	41	65	63	87	90	114	114	138	8
3 3/16	1 1/4	41	65	63	87	90	114	114	138	8
3 7/32	1 1/4	41	65	63	87	90	114	114	138	8
3 1/4	1 1/4	41	65	63	87	90	114	114	138	8
3 5/16	1 1/4	41	65	63	87	90	114	114	138	8
3 11/32	1 1/4	41	65	63	87	90	114	114	138	8
3 3/8	1 1/4	41	65	63	87	90	114	114	138	8
3 13/32	1 1/4	41	65	63	87	90	114	114	138	8
3 15/32	1 1/4	41	65	63	87	90	114	114	138	10
3 1/2	1 1/4	41	65	63	87	90	114	114	138	10
3 17/32	1 1/4	41	65	63	87	90	114	114	138	10
3 19/32	1 1/4	41	65	63	87	90	114	114	138	12
3 5/8	1 1/4	41	65	63	87	90	114	114	138	12
3 21/32	1 1/4	41	65	63	87	90	114	114	138	12
3 11/16	1 1/4	41	65	63	87	90	114	114	138	12
3 23/32	1 1/4	41	65	63	87	90	114	114	138	14
3 25/32	1 1/4	41	65	63	87	90	114	114	138	14
3 13/16	1 1/4	41	65	63	87	90	114	114	138	14
3 27/32	1 1/4	41	65	63	87	90	114	114	138	14
3 7/8	1 1/4	41	65	63	87	90	114	114	138	14
4	1 1/4	41	65	63	87	90	114	114	138	14