

193B

# SOLID CARBIDE CHUCKING REAMERS

ICS

WIS

SPECIAL PURPOSE

RIGHT HAND CUT

STRAIGHT SHANK



STRAIGHT FLUTE

Solid Carbide Chucking Reamers are used for reaming abrasive materials, hard steels up to RC50, aluminum, brass, bronze and plastics.

## Wire Gauge Sizes #1 to #70 Diameter

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	SCCRSFM
1	.2280	1	3	\$40.42
2	.2210	1	3	38.02
3	.2130	1	3	39.18
4	.2090	1	3	39.18
5	.2055	1	3	38.02
6	.2040	1	3	39.18
7	.2010	1	3	38.02
8	.1990	1	3	38.02
9	.1960	1	3	39.18
10	.1935	1	3	38.02
11	.1910	7/8	2-3/4	38.02
12	.1890	7/8	2-3/4	35.12
13	.1850	7/8	2-3/4	34.06
14	.1820	7/8	2-3/4	34.06
15	.1800	7/8	2-3/4	35.12
16	.1770	7/8	2-3/4	35.12
17	.1730	7/8	2-3/4	38.02
18	.1695	7/8	2-3/4	32.40
19	.1660	7/8	2-3/4	33.38
20	.1610	7/8	2-3/4	33.38
21	.1590	3/4	2-1/2	28.56
22	.1570	3/4	2-1/2	29.46
23	.1549	3/4	2-1/2	28.56
24	.1520	3/4	2-1/2	29.46
25	.1490	3/4	2-1/2	29.46
26	.1470	3/4	2-1/2	29.46
27	.1440	3/4	2-1/2	28.56
28	.1405	3/4	2-1/2	28.56
29	.1360	3/4	2-1/2	29.46
30	.1285	5/8	2-1/4	26.40
31	.1200	5/8	2-1/4	25.64
32	.1160	5/8	2-1/4	25.64
33	.1130	5/8	2-1/4	23.98
34	.1110	5/8	2-1/4	24.70
35	.1100	5/8	2-1/4	23.98

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	SCCRSFM
36	.1055	5/8	2-1/4	\$24.70
37	.1040	5/8	2-1/4	23.98
38	.1010	5/8	2-1/4	24.70
39	.0995	5/8	2-1/4	23.98
40	.0980	5/8	2-1/4	24.70
41	.0960	1/2	2	23.98
42	.0935	1/2	2	23.14
43	.0890	1/2	2	22.44
44	.0860	1/2	2	22.44
45	.0820	1/2	2	23.14
46	.0810	1/2	1-3/4	22.44
47	.0785	1/2	1-3/4	21.80
48	.0760	1/2	1-3/4	21.16
49	.0730	1/2	1-3/4	21.80
50	.0700	1/2	1-3/4	21.80
51	.0670	1/2	1-3/4	21.16
52	.0635	3/8	1-1/2	19.32
53	.0595	3/8	1-1/2	19.90
54	.0550	3/8	1-1/2	19.32
55	.0520	3/8	1-1/2	19.12
56	.0465	3/8	1-1/2	18.82
57	.0430	3/8	1-1/2	18.82
58	.0420	3/8	1-1/2	18.24
59	.0410	1/4	1-1/2	18.24
60	.0400	1/4	1-1/2	18.82
61	.0390	1/4	1-1/2	18.52
62	.0380	1/4	1-1/2	17.80
63	.0370	1/4	1-1/2	17.28
64	.0360	1/4	1-1/2	17.80
65	.0350	1/4	1-1/2	16.18
66	.0330	1/4	1-1/2	16.18
67	.0320	1/4	1-1/2	16.06
68	.0310	1/4	1-1/2	19.28
69	.0292	1/4	1-1/2	19.28
70	.0280	1/4	1-1/2	19.28

## Metric Sizes 1.0mm to 12.5mm Diameter

SIZE mm	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	NO. OF FLUTES	SCCRSFM
1.0	.0395	1/4	1-1/2	4	\$18.52
1.5	.0610	3/8	1-1/2	4	19.98
2.0	.0787	1/2	1-3/4	4	22.18
2.5	.0984	5/8	2-1/4	4	25.24
3.0	.1181	5/8	2-1/4	4	25.74
3.5	.1378	3/4	2-1/2	6	29.24
4.0	.1575	3/4	2-1/2	6	29.46
4.5	.1772	7/8	2-3/4	6	35.68
5.0	.1968	1	3	6	38.90
5.5	.2165	1	3	6	47.24
6.0	.2362	1	3	6	40.30
6.5	.2559	1-1/8	3-1/4	6	49.76

SIZE mm	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	NO. OF FLUTES	SCCRSFM
7.0	.2756	1-1/8	3-1/4	6	\$48.80
7.5	.2953	1-1/8	3-1/4	6	57.82
8.0	.3150	1-1/8	3-1/4	6	64.28
8.5	.3346	1-1/4	3-1/2	6	66.86
9.0	.3543	1-1/4	3-1/2	6	69.28
9.5	.3740	1-1/4	3-1/2	6	74.90
10.0	.3937	1-1/4	3-1/2	6	87.44
10.5	.4134	1-1/4	3-1/2	6	102.28
11.0	.4331	1-3/8	4	6	106.34
11.5	.4528	1-3/8	4	6	109.40
12.0	.4724	1-3/8	4	6	107.82
12.5	.4921	1-1/2	4	6	123.10

### NUMBER OF FLUTES

.0280 - .2500 dia.: 4 Flutes  
 .2501 - .5000 dia.: 6 Flutes

DIAMETER TOLERANCES	
.0280 to .2500	+0000 / +.0002
.2501 to .5000	+0000 / +.0003