

2-Flute Corner Radius For Aluminum



- Special geometry allows for high chip loads and feed rates
- Excellent for slotting and profiling at high speeds
- Made from premium sub-micron grain carbide
- Cutting diameter tolerance +0.000 / -0.002



Speeds & Feeds > P. A20

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Corner Radius	Bright Finish Code No.	Price \$	TiCN Coated Code No.	Price \$
Regular Length								
1/8	1/8	3/8	1-1/2	0.010	153208	14.77	153400	18.17
3/16	3/16	5/8	2	0.010	153210	18.44	153402	22.68
1/4	1/4	3/4	2-1/2	0.010	153212	21.00	153404	25.83
5/16	5/16	13/16	2-1/2	0.010	153214	44.33	153406	54.53
3/8	3/8	1	2-1/2	0.015	153216	36.67	153408	45.10
7/16	7/16	1	2-3/4	0.015	153218	57.05	153410	70.17
1/2	1/2	1	3	0.020	153220	58.74	153412	72.25
5/8	5/8	1-1/4	3-1/2	0.020	153222	113.29	153414	139.34
3/4	3/4	1-1/2	4	0.030	153224	166.11	153416	204.31
1	1	1-1/2	4	0.030	153226	248.45	153418	305.59
Long Length								
1/4	1/4	1-1/8	3	0.010	153228	37.92	153420	46.65
5/16	5/16	1-1/8	3	0.010	153230	44.33	153422	54.53
3/8	3/8	1-1/8	3	0.015	153232	54.80	153424	67.39
1/2	1/2	2	4	0.020	153234	80.18	153426	98.62
5/8	5/8	2-1/4	5	0.020	153236	165.26	153428	203.28
3/4	3/4	2-1/4	5	0.030	153238	263.27	153430	323.82
1	1	2-1/4	5	0.030	153240	447.59	153432	550.54

2-Flute Corner Radius Aluminum Speeds & Feeds

Chip load per tooth					
Material	SFM	1/8"	1/4"	1/2"	1"
Aluminum Alloys	600/1200	0.0010	0.0020	0.0040	0.0080

RPM = 3.82 x sfm ÷ dia SFM = rpm x 0.262 ÷ dia IPM = chip load x No. of teeth x rpm

3-Flute Corner Radius For Aluminum



- Special geometry allows for high chip loads and feed rates
- 3-flute design excellent for slotting and profiling at high speeds
- Made from premium sub-micron grain carbide
- Cutting diameter tolerance +0.000 / -0.002



Speeds & Feeds > P. A20

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Corner Radius	Bright Finish Code No.	Price \$	TiCN Coated Code No.	Price \$
Regular Length								
1/8	1/8	3/8	1-1/2	0.005	153150	14.77	153044	18.17
3/16	3/16	5/8	2	0.005	153152	17.41	153046	21.41
1/4	1/4	3/4	2-1/2	0.005	153154	21.00	153048	25.83
5/16	5/16	13/16	2-1/2	0.005	153156	29.46	153050	36.23
3/8	3/8	1	2-1/2	0.005	153158	36.67	153052	45.10
7/16	7/16	1	2-3/4	0.005	153160	44.76	153054	55.06
1/2	1/2	1-1/4	3	0.005	153162	58.74	153056	72.25
5/8	5/8	1-5/8	3-1/2	0.005	153164	113.29	153058	139.34
3/4	3/4	1-5/8	4	0.005	153166	166.11	153060	204.31
1	1	1-1/2	4	0.005	153168	248.45	153062	305.59
Long Length								
1/4	1/4	1-1/8	3	0.005	153170	35.95	153434	44.22
5/16	5/16	1-1/8	3	0.005	153172	49.46	153436	60.84
3/8	3/8	1-1/8	3	0.005	153174	54.80	153438	67.39
1/2	1/2	1-1/2	4	0.005	153176	80.18	153440	98.62
1/2	1/2	2	4	0.005	153178	80.18	153442	98.62
5/8	5/8	2-1/4	5	0.005	153180	165.26	153444	203.28
3/4	3/4	2-1/4	5	0.005	153182	263.27	153446	323.82
1	1	2-1/4	5	0.005	153184	447.59	153448	550.54

3-Flute Corner Radius Aluminum Speeds & Feeds

Chip load per tooth					
Material	SFM	1/8"	1/4"	1/2"	1"
Aluminum Alloys	600/1200	0.0010	0.0020	0.0040	0.0080

RPM = 3.82 x sfm ÷ dia SFM = rpm x 0.262 ÷ dia IPM = chip load x No. of teeth x rpm

2-Flute Regular Length HSCO & HSS

These end mills come standard with right-hand cutting and right-hand helical flutes. All shanks are flatted for holder set screw. Designed for slotting, drilling, pocketing and general-purpose operation.

- 2 helical flutes
- Single end with weldon shank
- Centre cutting
- Keyway tolerance



Speeds & Feeds > P. A43

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	HSCO Weldon Flat		HSCO TiAlN Coated Weldon Flat		HSS Weldon Flat		HSCO Comb. Shank	
				Code No.	Price \$	Code No.	Price \$	Code No.	Price \$	Code No.	Price \$
Inch											
1/8	3/8	3/8	2-5/16	103050	22.95	104570	44.85	104450	16.03	-	-
5/32	3/8	7/16	2-5/16	103052	22.95	-	-	104452	16.03	-	-
3/16	3/8	7/16	2-5/16	103054	22.95	104571	44.85	104454	15.39	-	-
7/32	3/8	1/2	2-5/16	103056	22.95	-	-	104456	13.91	103005	16.14
1/4	3/8	1/2	2-5/16	103058	22.95	104572	44.85	104458	15.39	-	-
9/32	3/8	9/16	2-5/16	103060	22.95	-	-	104460	16.03	103007	16.14
5/16	3/8	9/16	2-5/16	103062	22.95	104573	44.82	104462	16.03	-	-
11/32	3/8	9/16	2-5/16	103064	22.95	-	-	104464	12.75	-	-
3/8	3/8	9/16	2-5/16	103066	22.95	104574	44.87	104466	16.03	103010	19.96
13/32	3/8	13/16	2-1/2	103068	36.36	-	-	104468	27.96	-	-
7/16	3/8	13/16	2-1/2	103070	32.90	104575	54.72	104470	22.10	103011	30.36
15/32	3/8	13/16	2-1/2	103072	36.36	-	-	104472	27.96	-	-
1/2	1/2	1	3	103074	32.90	104576	58.58	104474	23.90	-	-
17/32	1/2	1	3	103076	43.94	-	-	-	-	-	-
9/16	1/2	1-1/8	3-1/8	103078	52.23	-	-	104476	36.20	-	-
5/8	5/8	1-5/16	3-7/16	103082	52.19	104577	86.21	104478	37.63	-	-
11/16	5/8	1-5/16	3-7/16	103086	58.10	-	-	104480	45.10	103015	52.15
3/4	3/4	1-5/16	3-7/16	103090	58.09	104578	100.20	104482	42.48	-	-
13/16	5/8	1-1/2	3-5/8	103094	74.52	-	-	104484	52.96	-	-
7/8	3/4	1-1/2	3-3/4	103098	74.54	104579	119.86	104486	50.97	-	-
1	1	1-5/8	4-1/8	103110	94.21	104580	150.09	104488	65.34	-	-
1-1/8	1	1-5/8	4-1/8	103112	134.65	104581	196.38	104490	104.01	-	-
1-1/4	1-1/4	1-5/8	4-1/8	103116	147.84	104582	226.34	104492	108.78	103019	186.28
1-3/8	1-1/4	1-5/8	4-1/8	103120	218.32	-	-	-	-	-	-
1-1/2	1-1/4	1-5/8	4-1/8	103124	212.66	-	-	104494	165.39	-	-
1-3/4	1-1/4	1-5/8	4-1/8	103126	267.56	-	-	104496	215.00	-	-
2	1-1/4	1-5/8	4-1/8	103128	318.64	-	-	104498	268.77	-	-
6pc Set	Contains: 1/4" - 3/4"			103574	204.30	-	-	-	-	-	-