

Super Tool, Inc.

2023

Carbide Tipped Milling Cutters Special Widths Special Radius Special Chamfers

3" • 4" • 5" • 6" Diameters



Width Grind



Radius Left Side



Radius Right Side



Chamfer Left Side



Chamfer Right Side



Alternating Right Left Chamfer



Chamfer Both Sides



Radius Both Sides



Full Radius



Radius Right Side Chamfer Left Side



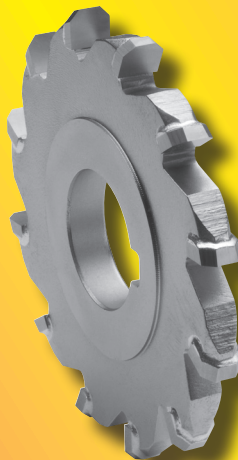
Alternating Chamfer Both Sides



Radius Left Side Chamfer Right Side



Triple Tooth Grind



Phone 941-751-9677 Fax 941-756-6480

sales@supertoolinc.com

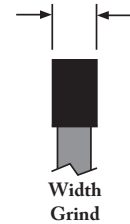
www.supertoolinc.com

3" CARBIDE TIPPED MILLING CUTTERS



Width grinds between .0600" and .5312"

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH - FINISHED TO DECIMAL WIDTH					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
3	.0600-.0703	.0555	60302D	\$378.70	\$351.30	\$346.65	\$344.15	\$342.70	\$308.05
3	.0704-.0859	.0711	60303D	415.80	388.40	383.65	381.20	379.60	345.05
3	.0860-.1015	.0867	60304D	378.70	351.30	346.65	344.15	342.70	308.05
3	.1016-.1171	.1024	60305D	364.70	337.45	332.65	330.15	328.65	294.05
3	.1172-.1406	.1180	60306D	351.55	324.15	319.35	316.85	315.40	280.85
3	.1407-.1718	.1562	60308D	358.35	331.05	326.25	323.80	322.35	287.60
3	.1719-.2031	.1875	60309D	365.25	337.80	333.00	330.60	329.15	294.50
3	.2032-.2343	.2188	60310D	374.50	347.25	342.45	339.95	338.45	303.85
3	.2344-.2812	.2500	60311D	383.85	356.50	351.60	349.10	347.70	313.00
3	.2813-.3437	.3125	60312D	413.65	386.30	381.50	379.10	377.60	342.90
3	.3438-.4062	.3750	60313D	445.70	418.40	413.65	411.05	409.60	375.10
3	.4063-.4687	.4375	60380D	478.15	450.85	446.10	443.60	442.10	407.60
3	.4688-.5312	.5000	60381D	510.75	483.25	478.50	476.05	474.65	439.90



Cutter Notes (All cutters on page)

- 12 Teeth
- C-2(m) Carbide
- 5° Positive Radial Rake
- Width Tolerance: +.001"/-.000"
- OD tolerance: +.0313"/-.000"
- 1" Arbor hole +.001"/-.000"
- ANSI standard keyway dimensions
- Add 5% to grind the hub width thinner
- Add 5% to match OD's on cutter sets within .001"
- Not designed to be used on heat treated materials greater than 363 Brinell (39Rc)

Radius Notes

- Maximum radius on one side is .2656"
- Full radius and maximum radius on both sides is 1/2 the width of the cutter
- A non-tangent radii must be quoted

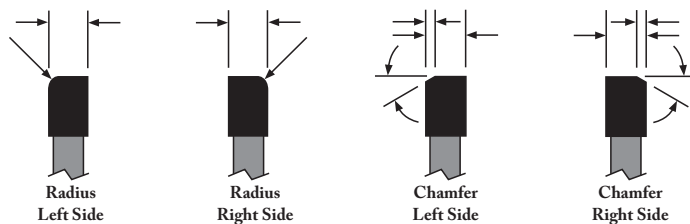
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of 1/2 the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: +/- 1/2°
- Chamfers greater than 45° must be quoted

Corner Radius or Chamfer on ONE Side

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH FINISHED WITH RADIUS OR CHAMFER					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
3	.0600-.0703	.0555	60302R1	\$397.20	\$356.80	\$351.30	\$348.70	\$347.05	\$346.20
3	.0704-.0859	.0711	60303R1	434.30	393.80	388.40	385.65	384.00	383.20
3	.0860-.1015	.0867	60304R1	397.20	356.80	351.30	348.70	347.05	346.20
3	.1016-.1171	.1024	60305R1	383.30	342.80	337.45	334.70	332.95	332.10
3	.1172-.1406	.1180	60306R1	370.05	329.50	324.15	321.40	319.80	318.80
3	.1407-.1718	.1562	60308R1	376.80	336.35	331.05	328.20	326.60	325.65
3	.1719-.2031	.1875	60309R1	383.80	343.15	337.80	335.10	333.55	332.60
3	.2032-.2343	.2188	60310R1	392.95	352.65	347.25	344.35	342.80	341.80
3	.2344-.2812	.2500	60311R1	402.25	361.75	356.50	353.65	352.05	351.10
3	.2813-.3437	.3125	60312R1	432.10	391.70	386.30	383.50	381.95	380.90
3	.3438-.4062	.3750	60313R1	464.35	423.80	418.40	415.65	414.00	413.15
3	.4063-.4687	.4375	60380R1	496.70	456.25	450.85	448.10	446.45	445.55
3	.4688-.5312	.5000	60381R1	529.15	488.65	483.25	480.60	478.80	478.00

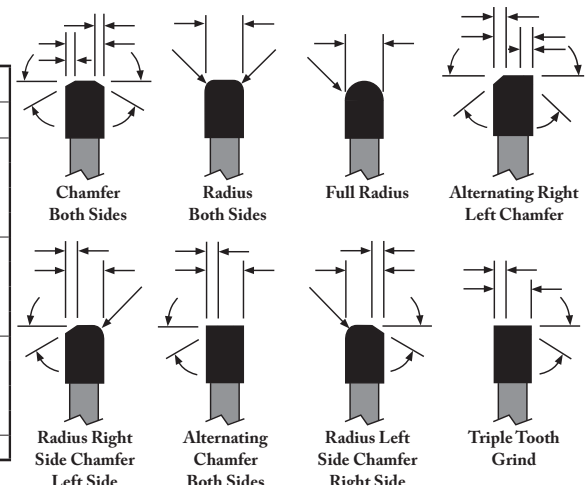
Specify side for radius or chamfer



Corner Radius or Chamfer on BOTH Sides OR a Full Radius

- Alternating Chamfers add 5%

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE WITH RADII, CHAMFERS OR COMBINATION					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
3	.0600-.0703	.0555	60302R2	\$407.10	\$362.25	\$356.30	\$353.10	\$351.25	\$350.35
3	.0704-.0859	.0711	60303R2	444.20	399.20	393.35	390.20	388.25	387.25
3	.0860-.1015	.0867	60304R2	407.10	362.25	356.30	353.10	351.25	350.35
3	.1016-.1171	.1024	60305R2	393.30	348.20	342.30	339.25	337.35	336.30
3	.1172-.1406	.1180	60306R2	379.95	335.00	329.00	325.95	324.05	323.10
3	.1407-.1718	.1562	60308R2	386.80	341.75	335.90	332.80	330.95	329.90
3	.1719-.2031	.1875	60309R2	393.55	348.70	342.75	339.60	337.75	336.80
3	.2032-.2343	.2188	60310R2	403.05	357.95	352.10	349.00	347.10	346.20
3	.2344-.2812	.2500	60311R2	412.15	367.15	361.25	358.15	356.30	355.30
3	.2813-.3437	.3125	60312R2	442.05	397.05	391.05	388.05	386.25	385.25
3	.3438-.4062	.3750	60313R2	474.25	429.25	423.25	420.15	418.30	417.35
3	.4063-.4687	.4375	60380R2	506.55	461.70	455.75	452.55	450.80	449.75
3	.4688-.5312	.5000	60381R2	539.05	494.20	488.15	485.10	483.20	482.20



SUPER TOOL, INC. - Phone 941-751-9677 - Fax 941-756-6480

Made in the USA

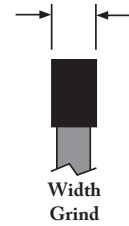
See back page for ordering information

4" CARBIDE TIPPED MILLING CUTTERS



Width grinds between .0600" and .5312"

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH - FINISHED TO DECIMAL WIDTH					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
4	.0600-.0703	.0545	60360D	\$433.60	\$402.25	\$396.50	\$393.55	\$391.75	\$350.40
4	.0704-.0859	.0701	60362D	484.75	453.30	447.55	444.60	442.90	401.45
4	.0860-.1015	.0858	60364D	433.60	402.25	396.50	393.55	391.75	350.40
4	.1016-.1171	.1014	60366D	498.75	467.30	461.60	458.75	456.85	415.35
4	.1172-.1406	.1170	60314D	433.20	401.65	395.85	392.90	391.25	349.80
4	.1407-.1718	.1562	60316D	442.30	410.90	405.15	402.25	400.40	359.05
4	.1719-.2031	.1875	60318D	453.70	422.30	416.55	413.70	411.85	370.45
4	.2032-.2343	.2188	60320D	465.45	434.00	428.20	425.30	423.40	382.10
4	.2344-.2812	.2500	60322D	474.65	443.10	437.40	434.45	432.60	391.30
4	.2813-.3437	.3125	60324D	502.10	470.65	464.90	461.95	460.15	418.90
4	.3438-.4062	.3750	60326D	534.40	502.95	497.25	494.25	492.35	451.00
4	.4063-.4687	.4375	60382D	566.80	535.40	529.60	526.65	524.75	483.50
4	.4688-.5312	.5000	60383D	599.30	567.70	562.05	559.05	557.30	515.90



Cutter Notes (All cutters on page)

- 14 Teeth
- C-2(m) Carbide
- 5° Positive Radial Rake
- Width Tolerance: +.001"/-.000"
- OD tolerance: +.0313"/-.000"
- 1" Arbor hole +.001"/-.000"
- ANSI standard keyway dimensions
- Add 5% to grind the hub width thinner
- Add 5% to match OD's on cutter sets within .001"
- Not designed to be used on heat treated materials greater than 363 Brinell (39Rc)

Radius Notes

- Maximum radius on one side is .2656"
- Full radius and maximum radius on both sides is 1/2 the width of the cutter
- A non-tangent radii must be quoted

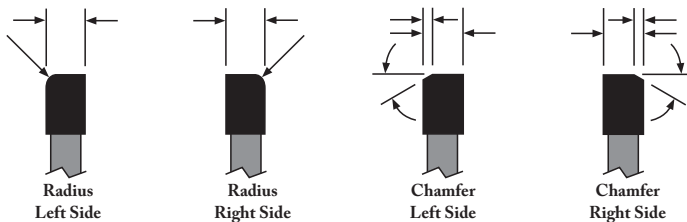
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of 1/3 the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: +/- 1/2°
- Chamfers greater than 45° must be quoted

Corner Radius or Chamfer on **ONE** Side

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH FINISHED WITH RADIUS OR CHAMFER					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
4	.0600-.0703	.0545	60360R1	\$453.65	\$408.15	\$401.80	\$398.40	\$396.50	\$395.45
4	.0704-.0859	.0701	60362R1	504.70	459.15	452.85	449.45	447.55	446.45
4	.0860-.1015	.0858	60364R1	453.65	408.15	401.80	398.40	396.50	395.45
4	.1016-.1171	.1014	60366R1	518.85	473.20	466.85	463.60	461.60	460.50
4	.1172-.1406	.1170	60314R1	453.15	407.60	401.20	397.85	395.85	394.85
4	.1407-.1718	.1562	60316R1	462.30	416.65	410.40	407.10	405.15	404.05
4	.1719-.2031	.1875	60318R1	473.80	428.20	421.85	418.50	416.55	415.40
4	.2032-.2343	.2188	60320R1	485.45	439.85	433.45	430.20	428.20	427.10
4	.2344-.2812	.2500	60322R1	494.60	448.95	442.60	439.30	437.40	436.30
4	.2813-.3437	.3125	60324R1	522.15	476.50	470.20	466.90	464.90	463.75
4	.3438-.4062	.3750	60326R1	554.30	508.75	502.35	499.05	497.25	496.05
4	.4063-.4687	.4375	60382R1	586.80	541.30	534.80	531.60	529.60	528.50
4	.4688-.5312	.5000	60383R1	619.25	573.75	567.40	564.05	562.05	561.00

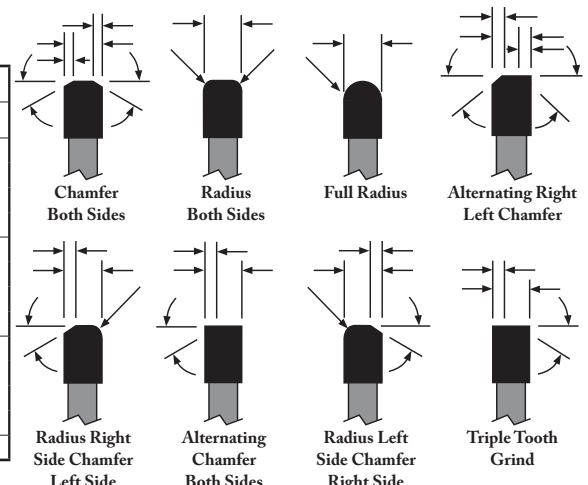
Specify side for radius or chamfer



Corner Radius or Chamfer on **BOTH** Sides OR a Full Radius

- Alternating Chamfers add 5%

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE WITH RADII, CHAMFERS OR COMBINATION					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
4	.0600-.0703	.0545	60360R2	\$464.35	\$414.05	\$407.00	\$403.40	\$401.20	\$400.05
4	.0704-.0859	.0701	60362R2	515.20	465.05	458.05	454.40	452.15	451.00
4	.0860-.1015	.0858	60364R2	464.35	414.05	407.00	403.40	401.20	400.05
4	.1016-.1171	.1014	60366R2	529.30	479.15	472.00	468.50	466.25	465.05
4	.1172-.1406	.1170	60314R2	463.65	413.40	406.40	402.80	400.65	399.40
4	.1407-.1718	.1562	60316R2	472.90	422.70	415.60	412.00	409.70	408.55
4	.1719-.2031	.1875	60318R2	484.40	434.10	427.10	423.40	421.20	420.10
4	.2032-.2343	.2188	60320R2	496.00	445.70	438.75	435.15	432.95	431.80
4	.2344-.2812	.2500	60322R2	505.05	454.90	447.90	444.20	442.05	440.80
4	.2813-.3437	.3125	60324R2	532.65	482.45	475.40	471.80	469.55	468.45
4	.3438-.4062	.3750	60326R2	564.95	514.65	507.65	504.05	501.90	500.65
4	.4063-.4687	.4375	60382R2	597.35	547.15	540.15	536.45	534.20	533.20
4	.4688-.5312	.5000	60383R2	629.80	579.65	572.50	568.90	566.70	565.45



5" CARBIDE TIPPED MILLING CUTTERS



Width grinds between .0704" and .5312"

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH - FINISHED TO DECIMAL WIDTH					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
5	.0704-.0859	.0691	60368D	\$579.85	\$547.60	\$541.75	\$538.80	\$537.05	\$494.65
5	.0860-.1015	.0848	60370D	509.50	477.30	471.55	468.50	466.70	424.20
5	.1016-.1171	.1004	60372D	551.70	519.65	513.70	510.80	508.95	466.65
5	.1172-.1406	.1160	60328D	497.25	464.90	459.15	456.10	454.35	411.95
5	.1407-.1718	.1562	60330D	510.85	478.65	472.90	469.75	467.95	425.55
5	.1719-.2031	.1875	60332D	533.95	501.80	496.00	493.00	491.15	448.75
5	.2032-.2343	.2188	60334D	557.05	524.75	519.00	515.95	514.15	471.80
5	.2344-.2812	.2500	60336D	579.90	547.65	541.95	538.90	537.15	494.70
5	.2813-.3437	.3125	60338D	618.95	586.80	581.00	577.95	576.20	533.85
5	.3438-.4062	.3750	60340D	660.40	628.25	622.50	619.45	617.60	575.30
5	.4063-.4687	.4375	60384D	692.85	660.80	655.00	651.95	650.05	607.70
5	.4688-.5312	.5000	60385D	725.40	693.20	687.35	684.40	682.55	640.10



Cutter Notes (All cutters on page)

- 16 Teeth
- C-2(m) Carbide
- 5° Positive Radial Rake
- Width Tolerance: +.001"/-.000"
- OD tolerance: +.013"/-.000"
- 1" Arbor hole +.001"/-.000"
- ANSI standard keyway dimensions
- Add 5% to grind the hub width thinner
- Add 5% to match OD's on cutter sets within .001"
- Not designed to be used on heat treated materials greater than 363 Brinell (39Rc)

Radius Notes

- Maximum radius on one side is .2656"
- Full radius and maximum radius on both sides is 1/2 the width of the cutter
- A non-tangent radii must be quoted

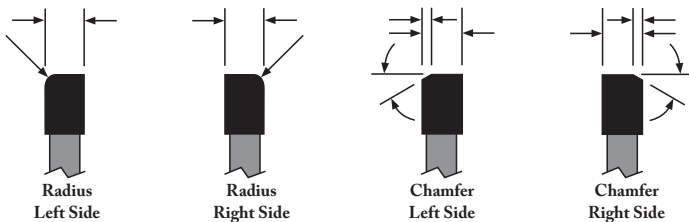
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of 1/3 the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: +/- 1/2°
- Chamfers greater than 45° must be quoted

Corner Radius or Chamfer on ONE Side

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH FINISHED WITH RADIUS OR CHAMFER					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
5	.0704-.0859	.0691	60368R1	\$600.05	\$553.50	\$547.05	\$543.60	\$541.55	\$540.55
5	.0860-.1015	.0848	60370R1	529.80	483.20	476.70	473.40	471.30	470.20
5	.1016-.1171	.1004	60372R1	572.00	525.55	519.00	515.65	513.55	512.50
5	.1172-.1406	.1160	60328R1	517.35	470.85	464.45	461.05	459.00	457.95
5	.1407-.1718	.1562	60330R1	531.10	484.50	478.05	474.75	472.60	471.65
5	.1719-.2031	.1875	60332R1	554.15	507.70	501.15	497.85	495.85	494.70
5	.2032-.2343	.2188	60334R1	577.20	530.70	524.25	520.95	518.85	517.75
5	.2344-.2812	.2500	60336R1	600.15	553.75	547.15	543.85	541.75	540.65
5	.2813-.3437	.3125	60338R1	639.25	592.65	586.20	582.80	580.90	579.75
5	.3438-.4062	.3750	60340R1	680.70	634.20	627.65	624.30	622.40	621.25
5	.4063-.4687	.4375	60384R1	713.20	666.70	660.15	656.80	654.75	653.65
5	.4688-.5312	.5000	60385R1	745.60	699.15	692.65	689.35	687.15	686.10

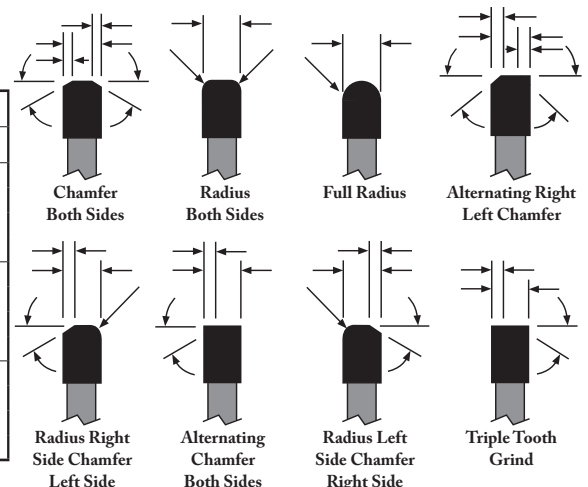
Specify side for radius or chamfer



Corner Radius or Chamfer on BOTH Sides OR a Full Radius

- Alternating Chamfers add 5%

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE WITH RADII, CHAMFERS OR COMBINATION					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
5	.0704-.0859	.0691	60368R2	\$621.15	\$565.35	\$557.50	\$553.45	\$551.00	\$549.75
5	.0860-.1015	.0848	60370R2	550.85	494.95	487.20	483.15	480.70	479.45
5	.1016-.1171	.1004	60372R2	593.10	537.25	529.45	525.40	523.05	521.70
5	.1172-.1406	.1160	60328R2	538.50	482.65	474.90	470.75	468.45	467.10
5	.1407-.1718	.1562	60330R2	552.15	496.30	488.55	484.50	482.10	480.70
5	.1719-.2031	.1875	60332R2	575.30	519.50	511.60	507.65	505.20	503.95
5	.2032-.2343	.2188	60334R2	598.20	542.60	534.70	530.70	528.30	527.00
5	.2344-.2812	.2500	60336R2	621.25	565.40	557.55	553.60	551.30	549.95
5	.2813-.3437	.3125	60338R2	660.25	604.50	596.75	592.60	590.15	588.90
5	.3438-.4062	.3750	60340R2	701.85	645.95	638.25	634.10	631.70	630.50
5	.4063-.4687	.4375	60384R2	734.35	678.40	670.55	666.65	664.20	662.90
5	.4688-.5312	.5000	60385R2	766.70	710.90	703.15	699.15	696.60	695.30



6" CARBIDE TIPPED MILLING CUTTERS



Width grinds between .0704" and .5312"

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH - FINISHED TO DECIMAL WIDTH					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
6	.0704-.0859	.0681	60374D	\$645.25	\$611.60	\$605.55	\$602.40	\$600.45	\$556.25
6	.0860-.1015	.0838	60376D	601.20	567.60	561.50	558.40	556.40	512.25
6	.1016-.1171	.0994	60378D	647.15	613.60	607.40	604.25	602.40	558.15
6	.1172-.1406	.1150	60342D	615.75	582.25	576.20	573.00	571.10	526.95
6	.1407-.1718	.1562	60344D	638.75	605.35	599.25	596.05	594.15	549.95
6	.1719-.2031	.1875	60346D	661.90	628.25	622.35	618.95	617.05	572.90
6	.2032-.2343	.2188	60348D	684.90	651.30	645.25	642.05	640.10	596.00
6	.2344-.2812	.2500	60350D	716.70	683.20	677.00	673.85	672.05	627.75
6	.2813-.3437	.3125	60352D	744.80	711.20	705.15	701.95	700.10	655.85
6	.3438-.4062	.3750	60354D	770.05	736.35	730.35	727.15	725.25	681.00
6	.4063-.4687	.4375	60386D	802.40	768.80	762.80	759.55	757.65	713.45
6	.4688-.5312	.5000	60387D	834.85	801.30	795.20	792.05	790.15	745.90



Cutter Notes (All cutters on page)

- 18 Teeth
- C-2(m) Carbide
- 5° Positive Radial Rake
- Width Tolerance: +.001"/-.000"
- OD tolerance: +.013"/-.000"
- 1" Arbor hole +.001"/-.000"
- ANSI standard keyway dimensions
- Add 5% to grind the hub width thinner
- Add 5% to match OD's on cutter sets within .001"
- Not designed to be used on heat treated materials greater than 363 Brinell (39Rc)

Radius Notes

- Maximum radius on one side is .2656"
- Full radius and maximum radius on both sides is 1/2 the width of the cutter
- A non-tangent radii must be quoted

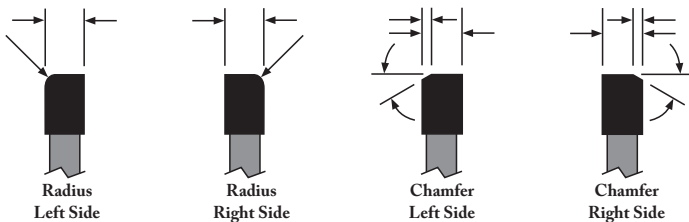
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of 1/3 the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: +/- 1/2°
- Chamfers greater than 45° must be quoted

Corner Radius or Chamfer on ONE Side

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE EACH FINISHED WITH RADIUS OR CHAMFER					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
6	.0704-.0859	.0681	60374R1	\$665.80	\$617.50	\$610.70	\$607.30	\$605.10	\$604.00
6	.0860-.1015	.0838	60376R1	621.80	573.45	566.70	563.25	561.15	560.05
6	.1016-.1171	.0994	60378R1	667.80	619.40	612.60	609.10	606.95	605.90
6	.1172-.1406	.1150	60342R1	636.50	588.10	581.30	577.80	575.75	574.60
6	.1407-.1718	.1562	60344R1	659.55	611.25	604.35	601.00	598.80	597.65
6	.1719-.2031	.1875	60346R1	682.55	634.20	627.45	623.90	621.80	620.75
6	.2032-.2343	.2188	60348R1	705.55	657.25	650.55	646.85	644.90	643.75
6	.2344-.2812	.2500	60350R1	737.40	689.10	682.30	678.85	676.65	675.50
6	.2813-.3437	.3125	60352R1	765.45	717.10	710.40	706.90	704.75	703.55
6	.3438-.4062	.3750	60354R1	790.60	742.35	735.55	732.00	729.95	728.85
6	.4063-.4687	.4375	60386R1	823.05	774.85	768.05	764.55	762.35	761.30
6	.4688-.5312	.5000	60387R1	855.60	807.20	800.40	796.95	794.90	793.65

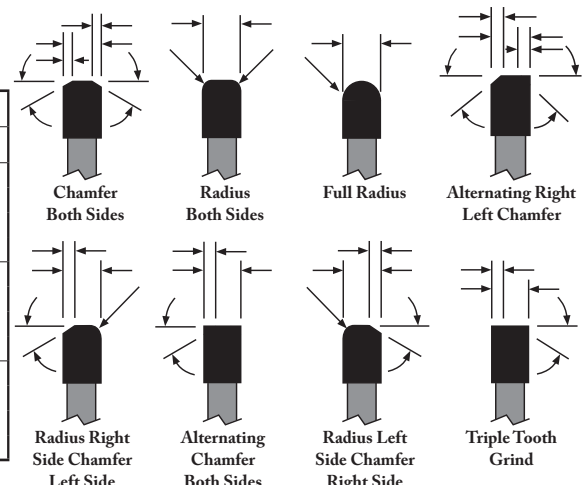
Specify side for radius or chamfer



Corner Radius or Chamfer on BOTH Sides OR a Full Radius

- Alternating Chamfers add 5%

TOOL DIAM.	FACE WIDTH RANGE	HUB WIDTH	1" ARBOR EDP NO.	PRICE WITH RADII, CHAMFERS OR COMBINATION					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
6	.0704-.0859	.0681	60374R2	\$687.00	\$629.30	\$621.25	\$617.05	\$614.50	\$613.10
6	.0860-.1015	.0838	60376R2	642.90	585.30	577.20	573.05	570.55	569.10
6	.1016-.1171	.0994	60378R2	688.95	631.20	623.10	618.95	616.40	615.10
6	.1172-.1406	.1150	60342R2	657.65	600.00	591.85	587.70	585.20	583.80
6	.1407-.1718	.1562	60344R2	680.65	622.95	614.90	610.70	608.20	606.85
6	.1719-.2031	.1875	60346R2	703.55	645.95	637.90	633.80	631.30	629.90
6	.2032-.2343	.2188	60348R2	726.60	669.05	660.95	656.80	654.25	652.90
6	.2344-.2812	.2500	60350R2	758.50	700.80	692.75	688.55	686.00	684.75
6	.2813-.3437	.3125	60352R2	786.50	728.95	720.85	716.70	714.15	712.80
6	.3438-.4062	.3750	60354R2	811.65	754.10	746.05	741.90	739.35	738.05
6	.4063-.4687	.4375	60386R2	844.20	786.50	778.50	774.35	771.80	770.45
6	.4688-.5312	.5000	60387R2	876.65	819.00	810.95	806.85	804.35	802.95



FEEDS & SPEEDS FOR MILLS & SAWS - CARBIDE TIPPED

Feeds & speeds are a starting recommendation only. Factors such as machine, fixture and tooling rigidity, horsepower available, coolant application and others will significantly affect the performance. Read machine operators instructions and use safety shields and glasses before performing these operations.

$$\text{RPM} = \text{SFPM} \times 3.82 / \text{CUTTER DIAMETER}$$

$$\text{IPM} = \text{IPT} \times \text{RPM} \times \# \text{TEETH}$$

CLASS OF MATERIALS	MATERIAL	BRINELL	SURFACE FEET PER MINUTE (SFPM)	INCHES PER TOOTH (IPT)
NON-FERROUS (SOFT)	ALUMINUM ALLOY - WROUGHT	30 - 150*	1000 - 2000	.004-.008
	MAGNESIUM ALLOY	50 - 90*	750 - 1500	.004-.008
	LEAD ALLOY	10 - 20*	300 - 1000	.004-.008
	NON-METAL AND PLASTIC	-	1500 - 3000	.004-.008
	ZINC ALLOY - DIE CAST	80 - 100	750 - 1500	.005-.010
NON-FERROUS (HARD)	ALUMINUM BRONZE	40 - 175	200 - 600	.003-.006
	BRASS ALLOY - LEADED AND FREE CUTTING	10 - 100Rb	400 - 800	.004-.008
	NICKEL SILVER	10 - 100Rb	200 - 400	.003-.006
	COPPER ALLOY - TOUGH	40 - 200*	200 - 500	.004-.008
CAST IRON	DUCTILE CAST IRON - AUSTENITIC	120 - 275	75 - 150	.002-.004
	DUCTILE CAST IRON - FERRITIC	140 - 270	250 - 400	.003-.006
	DUCTILE CAST IRON - MARTENSITIC	270 - 363	200 - 300	.003-.006
	GRAY - PEARLITIC	220 - 320	120 - 300	.002-.004
	GRAY - FERRITIC	110 - 240	250 - 425	.003-.006
	MALLEABLE CAST IRON - MARTENSITIC	200 - 320	130 - 225	.002-.004
	MALLEABLE CAST IRON - FERRITIC & PEARLITIC	110 - 240	200 - 400	.003-.006
LOW CARBON STEELS	LOW AND MEDIUM CARBON STEEL - FREE MACHINING	100 - 250	250 - 500	.003-.006
	LOW AND MEDIUM CARBON STEEL - WROUGHT	100 - 363	200 - 400	.002-.004
MEDIUM STRENGTH STEELS	LOW AND MEDIUM CARBON ALLOY STEEL - FREE MACHINING	100 - 275	200 - 400	.002-.004
	LOW AND MEDIUM CARBON ALLOY STEEL	85 - 363	150 - 300	.002-.005
	STAINLESS STEEL - 400 SERIES	135 - 325	200 - 400	.003-.006
	STAINLESS STEEL - 400 SERIES FREE MACHINING	135 - 275	250 - 500	.003-.006
HIGH STRENGTH STEELS	HIGH STRENGTH STEEL - WROUGHT & TOOL STEEL	175 - 363	75 - 150	.002-.004
HIGH TEMP. ALLOYS	HIGH TEMP ALLOYS NICKEL & IRON BASE ALLOY	140 - 300	50 - 150	.002-.004
	STAINLESS STEEL - 300 SERIES	135 - 363	75 - 150	.002-.004
	STAINLESS STEEL - PH SERIES	150 - 363	75 - 150	.002-.004
	TITANIUM ALLOY	110 - 363	100 - 200	.002-.004

*500 kg

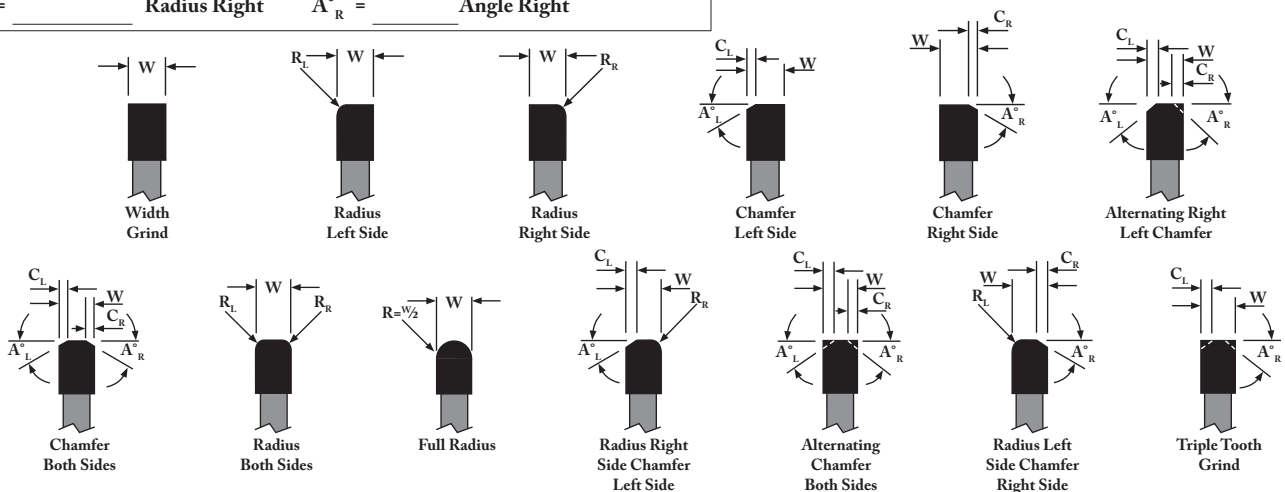
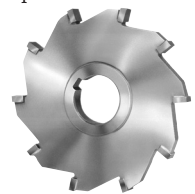
Name _____ **Phone** _____
Distributor _____ **Fax** _____
Ship to Address _____
Purchase Order# _____ **Quantity** _____
Material Being Cut _____

DIMENSION INFORMATION

EDP = _____ C_L = _____ **Chamfer Length Left**
 W = _____ **Width** C_R = _____ **Chamfer Length Right**
 R_L = _____ **Radius Left** A°_L = _____ **Angle Left**
 R_R = _____ **Radius Right** A°_R = _____ **Angle Right**

ORDERING INFORMATION

1. Specify EDP number from charts on previous pages
2. Circle desired grind style from diagrams below
3. Fill in applicable dimensions in space provided
4. Fill in required contact information
5. Call, fax, or email to Super Tool using contact information at bottom of page



sales@supertoolinc.com - Phone 941-751-9677 - Fax 941-756-6480

Made in the USA