

Super Tool, Inc.

2025

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



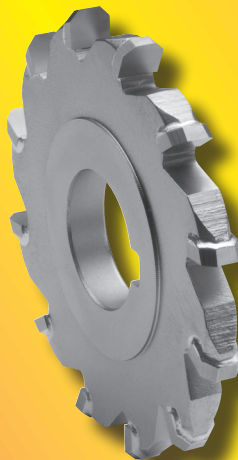
Alternating
Chamfer
Both Sides



Radius Left
Side Chamfer
Right Side



Triple Tooth
Grind



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

sales@supertoolinc.com

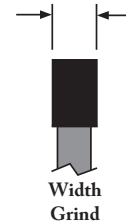
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3" CARBIDE TIPPED MILLING CUTTERS



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	\$414.70	\$384.65	\$379.60	\$376.85	\$375.25	\$337.30
3	.0704-.0859	.0711	60303D	455.30	425.30	420.10	417.40	415.65	377.85
3	.0860-.1015	.0867	60304D	414.70	384.65	379.60	376.85	375.25	337.30
3	.1016-.1171	.1024	60305D	399.35	369.50	364.25	361.50	359.85	322.00
3	.1172-.1406	.1180	60306D	384.95	354.95	349.70	346.95	345.35	307.55
3	.1407-.1718	.1562	60308D	392.40	362.50	357.25	354.55	352.95	314.90
3	.1719-.2031	.1875	60309D	399.95	369.90	364.65	362.00	360.40	322.50
3	.2032-.2343	.2188	60310D	410.10	380.25	375.00	372.25	370.60	332.70
3	.2344-.2812	.2500	60311D	420.30	390.35	385.00	382.25	380.75	342.75
3	.2813-.3437	.3125	60312D	452.95	423.00	417.75	415.10	413.45	375.50
3	.3438-.4062	.3750	60313D	488.05	458.15	452.95	450.10	448.50	410.75
3	.4063-.4687	.4375	60380D	523.55	493.70	488.50	485.75	484.10	446.30
3	.4688-.5312	.5000	60381D	559.25	529.15	523.95	521.25	519.75	481.70



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

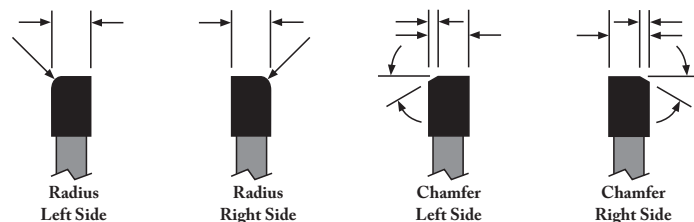
- Maximum radius on one side is .2656"
- Full radius and maximum radius on both sides is ½ the width of the cutter
- A non-tangent radii must be quoted

Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of ½ the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: $\pm \frac{1}{2}^\circ$
- 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	\$434.95	\$390.70	\$384.65	\$381.85	\$380.00	\$379.10
3	.0704-.0859	.0711	60303R1	475.55	431.20	425.30	422.30	420.50	419.60
3	.0860-.1015	.0867	60304R1	434.95	390.70	384.65	381.85	380.00	379.10
3	.1016-.1171	.1024	60305R1	419.70	375.35	369.50	366.50	364.60	363.65
3	.1172-.1406	.1180	60306R1	405.20	360.80	354.95	351.95	350.20	349.10
3	.1407-.1718	.1562	60308R1	412.60	368.30	362.50	359.40	357.65	356.60
3	.1719-.2031	.1875	60309R1	420.25	375.75	369.90	366.95	365.25	364.20
3	.2032-.2343	.2188	60310R1	430.30	386.15	380.25	377.05	375.35	374.25
3	.2344-.2812	.2500	60311R1	440.45	396.10	390.35	387.25	385.50	384.45
3	.2813-.3437	.3125	60312R1	473.15	428.90	423.00	419.95	418.25	417.10
3	.3438-.4062	.3750	60313R1	508.45	464.05	458.15	455.15	453.35	452.40
3	.4063-.4687	.4375	60380R1	543.90	499.60	493.70	490.65	488.85	487.90
3	.4688-.5312	.5000	60381R1	579.40	535.05	529.15	526.25	524.30	523.40



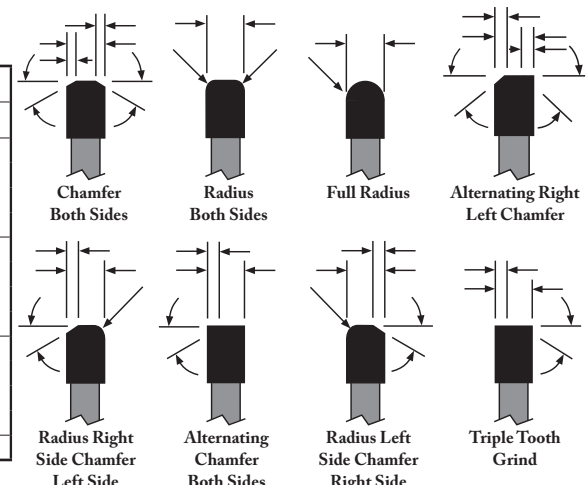
Specify side for radius or chamfer



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	\$445.75	\$396.65	\$390.15	\$386.65	\$384.60	\$383.65
3	.0704-.0859	.0711	60303R2	486.40	437.10	430.70	427.25	425.15	424.05
3	.0860-.1015	.0867	60304R2	445.75	396.65	390.15	386.65	384.60	383.65
3	.1016-.1171	.1024	60305R2	430.65	381.30	374.80	371.50	369.40	368.25
3	.1172-.1406	.1180	60306R2	416.05	366.80	360.25	356.90	354.85	353.80
3	.1407-.1718	.1562	60308R2	423.55	374.20	367.80	364.40	362.40	361.25
3	.1719-.2031	.1875	60309R2	430.95	381.85	375.30	371.85	369.85	368.80
3	.2032-.2343	.2188	60310R2	441.35	391.95	385.55	382.15	380.05	379.10
3	.2344-.2812	.2500	60311R2	451.30	402.05	395.55	392.15	390.15	389.05
3	.2813-.3437	.3125	60312R2	484.05	434.75	428.20	424.90	422.95	421.85
3	.3438-.4062	.3750	60313R2	519.30	470.05	463.45	460.05	458.05	457.00
3	.4063-.4687	.4375	60380R2	554.65	505.55	499.05	495.55	493.65	492.50
3	.4688-.5312	.5000	60381R2	590.25	541.15	534.50	531.20	529.10	528.00



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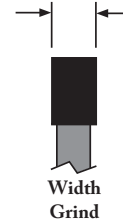
See back page for ordering information

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	\$474.80	\$440.45	\$434.15	\$430.95	\$428.95	\$383.70
4	.0704-.0859	.0701	60362D	530.80	496.35	490.05	486.85	485.00	439.60
4	.0860-.1015	.0858	60364D	474.80	440.45	434.15	430.95	428.95	383.70
4	.1016-.1171	.1014	60366D	546.15	511.70	505.45	502.35	500.25	454.80
4	.1172-.1406	.1170	60314D	474.35	439.80	433.45	430.25	428.40	383.05
4	.1407-.1718	.1562	60316D	484.30	449.95	443.65	440.45	438.45	393.15
4	.1719-.2031	.1875	60318D	496.80	462.40	456.10	453.00	451.00	405.65
4	.2032-.2343	.2188	60320D	509.65	475.25	468.90	465.70	463.60	418.40
4	.2344-.2812	.2500	60322D	519.75	485.20	478.95	475.70	473.70	428.45
4	.2813-.3437	.3125	60324D	549.80	515.35	509.05	505.85	503.85	458.70
4	.3438-.4062	.3750	60326D	585.15	550.75	544.50	541.20	539.10	493.85
4	.4063-.4687	.4375	60382D	620.65	586.25	579.90	576.70	574.60	529.45
4	.4688-.5312	.5000	60383D	656.25	621.65	615.45	612.15	610.25	564.90



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 ½ the width of the cutter
- A non-tangent radii must be quoted

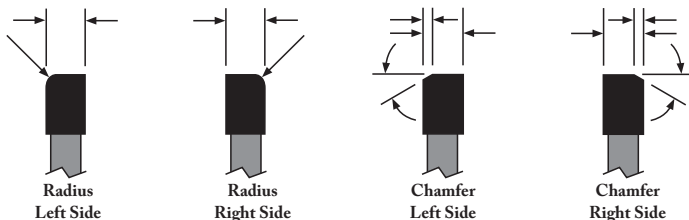
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of ½ the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: ± ½°
- 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	\$496.75	\$446.90	\$439.95	\$436.25	\$434.15	\$433.00
4	.0704-.0859	.0701	60362R1	552.65	502.75	495.85	492.15	490.05	488.85
4	.0860-.1015	.0858	60364R1	496.75	446.90	439.95	436.25	434.15	433.00
4	.1016-.1171	.1014	60366R1	568.15	518.15	511.20	507.65	505.45	504.25
4	.1172-.1406	.1170	60314R1	496.20	446.30	439.30	435.65	433.45	432.35
4	.1407-.1718	.1562	60316R1	506.20	456.25	449.40	445.75	443.65	442.45
4	.1719-.2031	.1875	60318R1	518.80	468.90	461.95	458.25	456.10	454.85
4	.2032-.2343	.2188	60320R1	531.55	481.65	474.65	471.05	468.90	467.65
4	.2344-.2812	.2500	60322R1	541.60	491.60	484.65	481.05	478.95	477.75
4	.2813-.3437	.3125	60324R1	571.75	521.75	514.85	511.25	509.05	507.80
4	.3438-.4062	.3750	60326R1	606.95	557.10	550.05	546.45	544.50	543.15
4	.4063-.4687	.4375	60382R1	642.55	592.70	585.60	582.10	579.90	578.70
4	.4688-.5312	.5000	60383R1	678.10	628.25	621.30	617.65	615.45	614.30

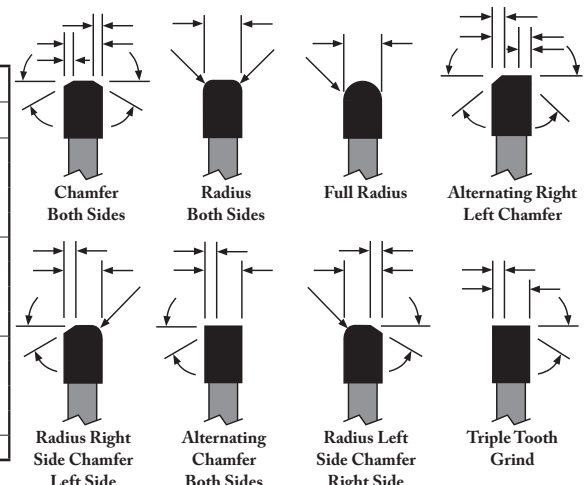
Specify side for radius or chamfer



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	\$508.45	\$453.40	\$445.65	\$441.70	\$439.30	\$438.05
4	.0704-.0859	.0701	60362R2	564.15	509.25	501.55	497.55	495.10	493.85
4	.0860-.1015	.0858	60364R2	508.45	453.40	445.65	441.70	439.30	438.05
4	.1016-.1171	.1014	60366R2	579.60	524.65	516.85	513.00	510.55	509.25
4	.1172-.1406	.1170	60314R2	507.70	452.65	445.00	441.05	438.70	437.35
4	.1407-.1718	.1562	60316R2	517.85	462.85	455.10	451.15	448.60	447.35
4	.1719-.2031	.1875	60318R2	530.40	475.35	467.65	463.60	461.20	460.00
4	.2032-.2343	.2188	60320R2	543.10	488.05	480.45	476.50	474.10	472.80
4	.2344-.2812	.2500	60322R2	553.05	498.10	490.45	486.40	484.05	482.70
4	.2813-.3437	.3125	60324R2	583.25	528.30	520.55	516.60	514.15	512.95
4	.3438-.4062	.3750	60326R2	618.60	563.55	555.90	551.95	549.60	548.20
4	.4063-.4687	.4375	60382R2	654.10	599.15	591.45	587.40	584.95	583.85
4	.4688-.5312	.5000	60383R2	689.65	634.70	626.90	622.95	620.55	619.15



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Made in the USA

See back page for ordering information

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	\$634.95	\$599.60	\$593.20	\$590.00	\$588.05	\$541.65
5	.0860-.1015	.0848	60370D	557.90	522.65	516.35	513.00	511.05	464.50
5	.1016-.1171	.1004	60372D	604.10	569.00	562.50	559.35	557.30	511.00
5	.1172-.1406	.1160	60328D	544.50	509.05	502.75	499.45	497.50	451.10
5	.1407-.1718	.1562	60330D	559.40	524.10	517.85	514.40	512.40	466.00
5	.1719-.2031	.1875	60332D	584.70	549.45	543.10	539.85	537.80	491.40
5	.2032-.2343	.2188	60334D	609.95	574.60	568.30	564.95	563.00	516.60
5	.2344-.2812	.2500	60336D	635.00	599.70	593.45	590.10	588.20	541.70
5	.2813-.3437	.3125	60338D	677.75	642.55	636.20	632.85	630.95	584.55
5	.3438-.4062	.3750	60340D	723.15	687.95	681.65	678.30	676.25	629.95
5	.4063-.4687	.4375	60384D	758.65	723.60	717.20	713.90	711.80	665.45
5	.4688-.5312	.5000	60385D	794.30	759.05	752.65	749.40	747.40	700.90



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 ½ the width of the cutter
- A non-tangent radii must be quoted

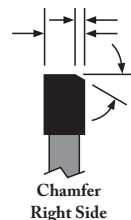
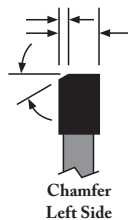
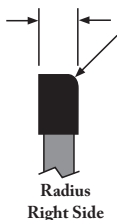
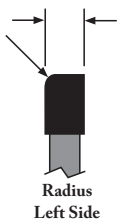
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of ½ the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: ½- ½°
- 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	\$657.05	\$606.10	\$599.00	\$595.25	\$593.00	\$591.90
5	.0860-.1015	.0848	60370R1	580.15	529.10	522.00	518.35	516.05	514.85
5	.1016-.1171	.1004	60372R1	626.35	575.50	568.30	564.65	562.35	561.20
5	.1172-.1406	.1160	60328R1	566.50	515.60	508.55	504.85	502.60	501.45
5	.1407-.1718	.1562	60330R1	581.55	530.55	523.45	519.85	517.50	516.45
5	.1719-.2031	.1875	60332R1	606.80	555.95	548.75	545.15	542.95	541.70
5	.2032-.2343	.2188	60334R1	632.05	581.10	574.05	570.45	568.15	566.95
5	.2344-.2812	.2500	60336R1	657.15	606.35	599.15	595.50	593.20	592.00
5	.2813-.3437	.3125	60338R1	700.00	648.95	641.90	638.15	636.10	634.85
5	.3438-.4062	.3750	60340R1	745.35	694.45	687.30	683.60	681.55	680.25
5	.4063-.4687	.4375	60384R1	780.95	730.05	722.85	719.20	716.95	715.75
5	.4688-.5312	.5000	60385R1	816.45	765.55	758.45	754.85	752.45	751.30

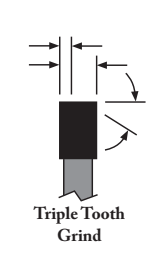
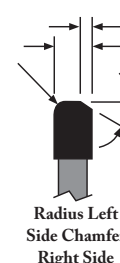
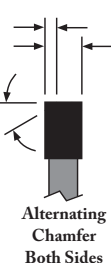
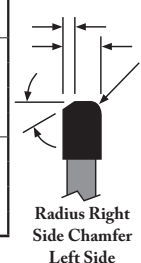
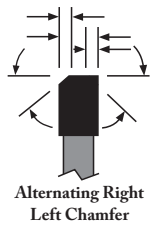
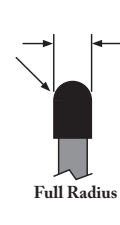
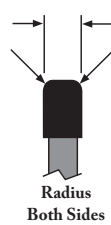
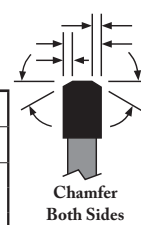
Specify side for radius or chamfer



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 RADI, CHAMFERS OR COMBINATION					
				1 PC.	2 PC.	3 PC.	4 PC.	5 PC.	6 PC.
5	.0704-.0859	.0691	60368R2	\$680.15	\$619.05	\$610.45	\$606.05	\$603.35	\$602.00
5	.0860-.1015	.0848	60370R2	603.20	541.95	533.50	529.05	526.35	525.00
5	.1016-.1171	.1004	60372R2	649.45	588.30	579.75	575.30	572.75	571.25
5	.1172-.1406	.1160	60328R2	589.65	528.50	520.00	515.45	512.95	511.45
5	.1407-.1718	.1562	60330R2	604.60	543.45	534.95	530.55	527.90	526.35
5	.1719-.2031	.1875	60332R2	629.95	568.85	560.20	555.90	553.20	551.85
5	.2032-.2343	.2188	60334R2	655.05	594.15	585.50	581.10	578.50	577.05
5	.2344-.2812	.2500	60336R2	680.25	619.10	610.50	606.20	603.65	602.20
5	.2813-.3437	.3125	60338R2	722.95	661.95	653.45	648.90	646.20	644.85
5	.3438-.4062	.3750	60340R2	768.55	707.30	698.90	694.35	691.70	690.40
5	.4063-.4687	.4375	60384R2	804.10	742.85	734.25	730.00	727.30	725.90
5	.4688-.5312	.5000	60385R2	839.55	778.45	769.95	765.55	762.80	761.35



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Made in the USA

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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	\$706.55	\$669.70	\$663.10	\$659.65	\$657.50	\$609.10
6	.0860-.1015	.0838	60376D	658.30	621.50	614.85	611.45	609.25	560.90
6	.1016-.1171	.0994	60378D	708.65	671.90	665.10	661.65	659.65	611.15
6	.1172-.1406	.1150	60342D	674.25	637.55	630.95	627.45	625.35	577.00
6	.1407-.1718	.1562	60344D	699.45	662.85	656.20	652.65	650.60	602.20
6	.1719-.2031	.1875	60346D	724.80	687.95	681.45	677.75	675.65	627.35
6	.2032-.2343	.2188	60348D	749.95	713.15	706.55	703.05	700.90	652.60
6	.2344-.2812	.2500	60350D	784.80	748.10	741.30	737.85	735.90	687.40
6	.2813-.3437	.3125	60352D	815.55	778.75	772.15	768.65	766.60	718.15
6	.3438-.4062	.3750	60354D	843.20	806.30	799.75	796.25	794.15	745.70
6	.4063-.4687	.4375	60386D	878.65	841.85	835.25	831.70	829.65	781.25
6	.4688-.5312	.5000	60387D	914.15	877.40	870.75	867.30	865.20	816.75



Cutter Notes (All cutters on page)

- 18 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 ½ the width of the cutter
- A non-tangent radii must be quoted

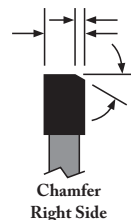
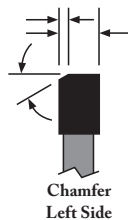
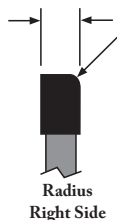
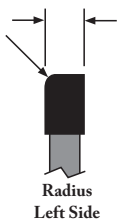
Chamfer Notes

- Chamfer Angles can range from 0° to 45°
- Chamfer is measured off of the OD
- Maximum chamfer is the LESSER of ½ the width of the cutter OR .2656" length of angle when measured across the OD
- Chamfer Angle Tolerance: ½- ½°
- 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	\$729.05	\$676.15	\$668.70	\$665.00	\$662.60	\$661.40
6	.0860-.1015	.0838	60376R1	680.85	627.95	620.55	616.75	614.45	613.25
6	.1016-.1171	.0994	60378R1	731.25	678.25	670.80	666.95	664.60	663.45
6	.1172-.1406	.1150	60342R1	696.95	643.95	636.50	632.70	630.45	629.20
6	.1407-.1718	.1562	60344R1	722.20	669.30	661.75	658.10	655.70	654.45
6	.1719-.2031	.1875	60346R1	747.40	694.45	687.05	683.15	680.85	679.70
6	.2032-.2343	.2188	60348R1	772.60	719.70	712.35	708.30	706.15	704.90
6	.2344-.2812	.2500	60350R1	807.45	754.55	747.10	743.35	740.95	739.65
6	.2813-.3437	.3125	60352R1	838.15	785.20	777.90	774.05	771.70	770.40
6	.3438-.4062	.3750	60354R1	865.70	812.85	805.45	801.55	799.30	798.10
6	.4063-.4687	.4375	60386R1	901.25	848.45	841.00	837.20	834.75	833.60
6	.4688-.5312	.5000	60387R1	936.90	883.90	876.45	872.65	870.40	869.05

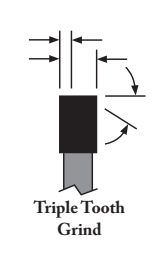
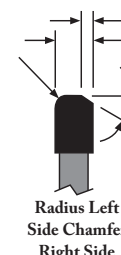
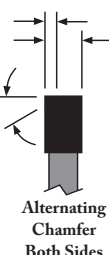
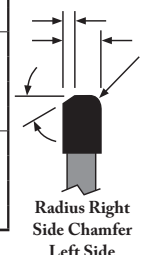
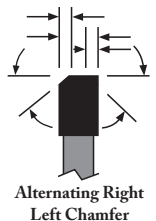
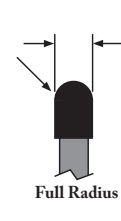
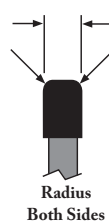
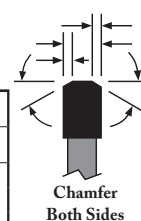
Specify side for radius or chamfer



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	\$752.25	\$689.10	\$680.25	\$675.65	\$672.90	\$671.35
6	.0860-.1015	.0838	60376R2	704.00	640.90	632.05	627.50	624.75	623.15
6	.1016-.1171	.0994	60378R2	754.40	691.15	682.30	677.75	674.95	673.55
6	.1172-.1406	.1150	60342R2	720.15	657.00	648.10	643.55	640.80	639.25
6	.1407-.1718	.1562	60344R2	745.30	682.15	673.30	668.70	666.00	664.50
6	.1719-.2031	.1875	60346R2	770.40	707.30	698.50	694.00	691.25	689.75
6	.2032-.2343	.2188	60348R2	795.65	732.60	723.75	719.20	716.40	714.95
6	.2344-.2812	.2500	60350R2	830.55	767.40	758.55	753.95	751.15	749.80
6	.2813-.3437	.3125	60352R2	861.20	798.20	789.35	784.80	782.00	780.50
6	.3438-.4062	.3750	60354R2	888.75	825.75	816.90	812.40	809.60	808.15
6	.4063-.4687	.4375	60386R2	924.40	861.20	852.45	847.90	845.10	843.65
6	.4688-.5312	.5000	60387R2	959.95	896.80	888.00	883.50	880.75	879.25



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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.

RPM=SFPM*3.82/CUTTER DIAMETER

IPM=IPT*RPM*#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	140 - 300	50 - 150	.002-.004
	NICKEL & IRON BASE ALLOY	135 - 363	75 - 150	.002-.004
	STAINLESS STEEL - 300 SERIES	150 - 363	75 - 150	.002-.004
	STAINLESS STEEL - PH SERIES	110 - 363	100 - 200	.002-.004

*500 kg

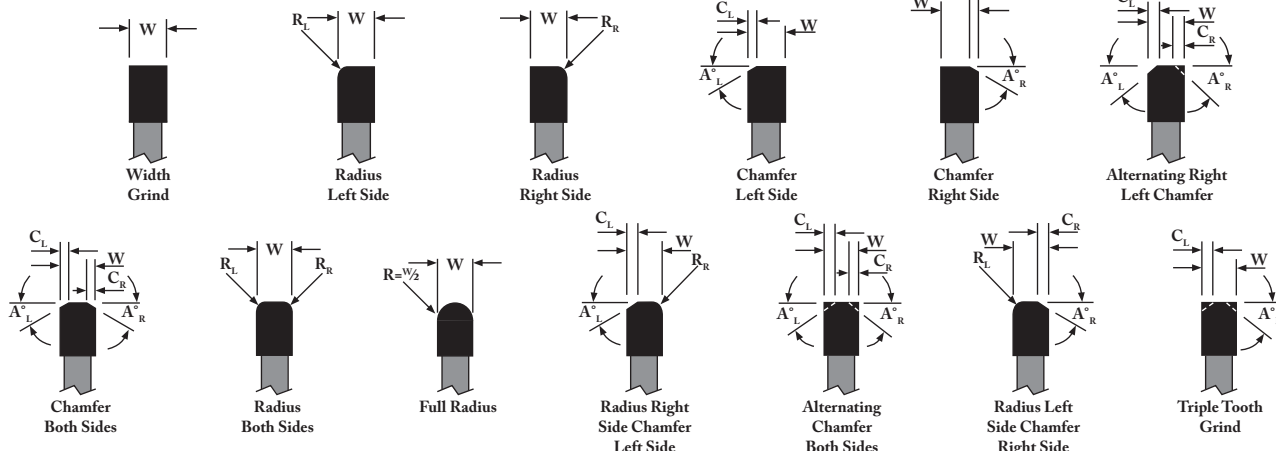
Name _____ **Phone** _____
Distributor _____ **Fax** _____
Ship to Address _____
Purchase Order# _____ **Quantity** _____
Material Being Cut _____

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

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