



Coulter Blades

Gates Manufacturing, Inc.

8708 33rd Ave NW

Lansford, ND 58750

Phone: 701-784-5434

Fax: 701-784-5444

Email: info@gatesmfg.net

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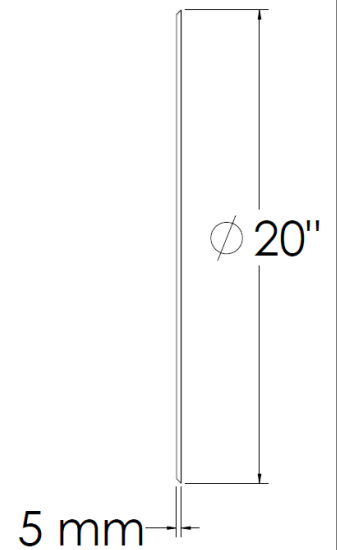
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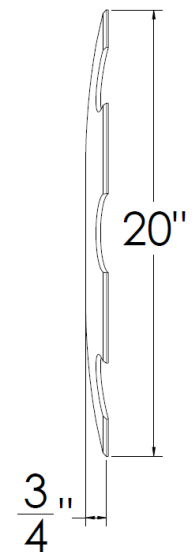
120296
20" Smooth Blade

- ◇ Perfect solution for cutting through residue and penetrating the soil with minimal soil disturbance
- ◇ 20" Diameter
- ◇ 5mm thick



120294
20" Notched Blade

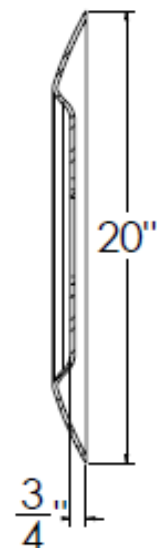
- ◇ Notched concave blade to provide aggressive cutting edge
- ◇ 20" Diameter
- ◇ 3" Notch
- ◇ Boron enriched high performance steel
- ◇ 5 Degree shallow concave
- ◇ 3/4" Offset
- ◇ Well suited for soil penetration
- ◇ Good choice for residue management
- ◇ 5mm thick



124476
20" Soil Rebel™

Soil Rebel™ is a trademark of
Ingersoll Tillage Group

- ◇ Aggressive wave profile is ideal for sizing and mixing residue with soil
- ◇ 20" Diameter
- ◇ 25 wave concave coulter
- ◇ 3/4" Offset
- ◇ 5mm thick
- ◇ Shallow concavity produces
 - ◇ high speed operation
 - ◇ less soil smearing
 - ◇ reduced compaction
 - ◇ Ideal for shallow, high speed vertical tillage applications



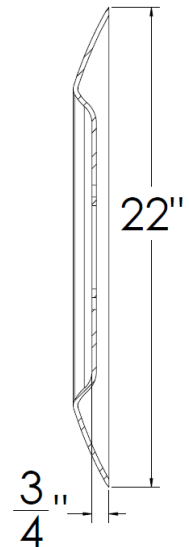


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22\" Soil Rebel™

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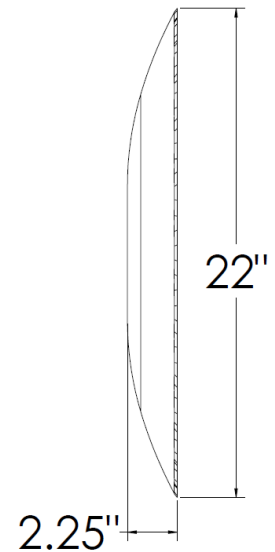
- ◇ Aggressive wave profile is ideal for sizing and mixing residue with soil
- ◇ 22" Diameter
- ◇ 25 wave concave coulter
- ◇ 3/4" Offset
- ◇ 5mm thick
- ◇ Shallow concavity produces
 - ◇ high speed operation
 - ◇ less soil smearing
 - ◇ reduced compaction
 - ◇ Ideal for shallow, high speed vertical tillage applications



120297

22\" Sidewinder

- ◇ Designed for excellent penetration and residue sizing
- ◇ 22" Diameter
- ◇ 25 shallow waves
- ◇ 12 degree concavity
- ◇ 2¼" Offset
- ◇ 5mm thick

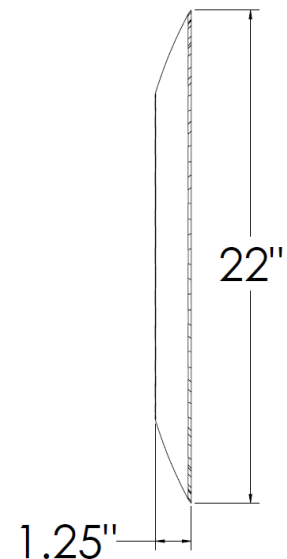


123926

22\" Vortex™

Vortex™ is a trademark of CFC distributors

- ◇ Geometry offers more aggressive clod sizing
- ◇ 22" Diameter
- ◇ 6mm thick
- ◇ 1¼" Offset



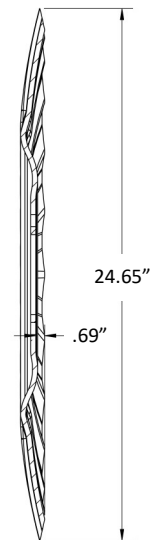


- ◇ Saw tooth design allows for excellent residue sizing
- ◇ Self sharpening cutting edge as blade wears
- ◇ Aggressive blade design
- ◇ Long life
- ◇ 24" Diameter

127082

24" SoilRazor™

SoilRazor™ is a trademark of
Ingersoll Tillage Group



20" Reverse Crimp SoilRebel™ Blade Profiles

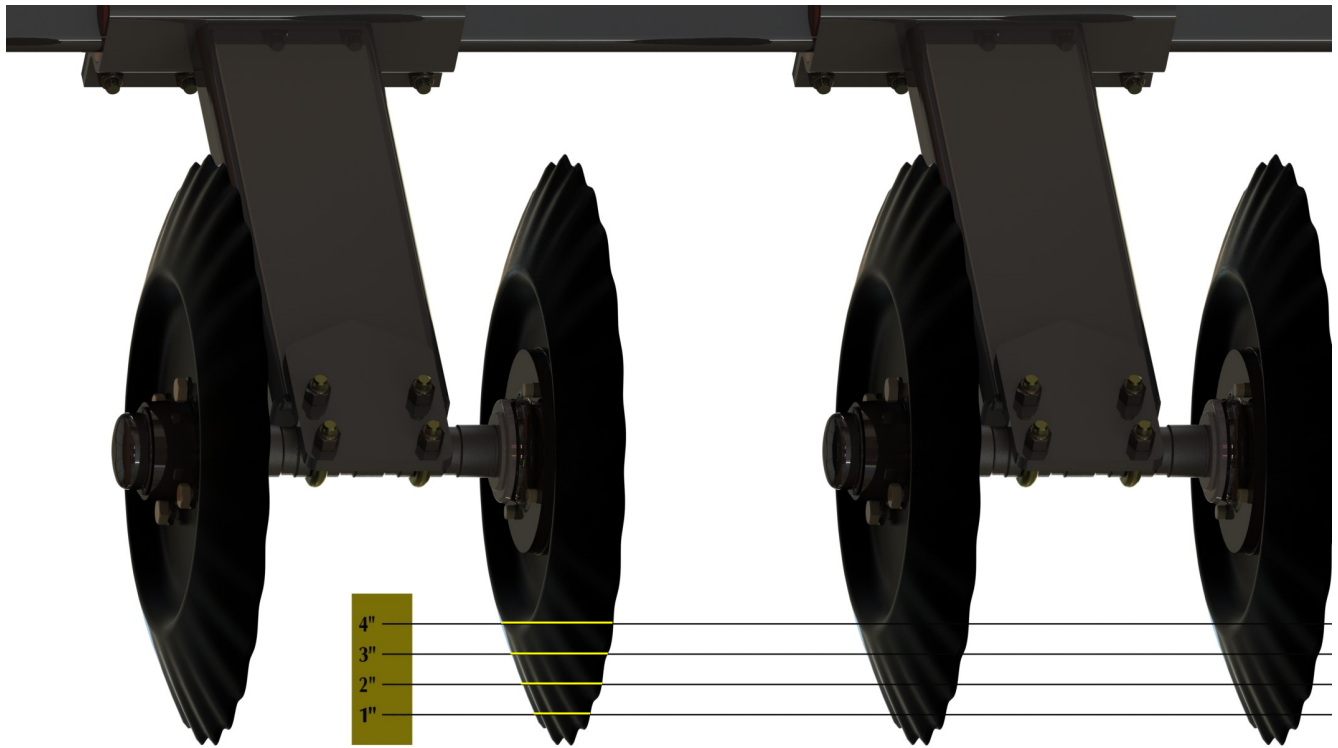


Figure 1: 20" SoilRebel™ Blade positioned at a 15 degree angle.

		20" SoilRebel™ Blade Profile (inches)			
		Soil Depth			
		1"	2"	3"	4"
Blade Angle (degrees)	2°	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{15}{16}$
	5°	1	$1\frac{5}{8}$	$2\frac{1}{16}$	$2\frac{7}{16}$
	7°	$1\frac{3}{16}$	$1\frac{7}{8}$	$2\frac{3}{8}$	$2\frac{13}{16}$
	12°	$1\frac{13}{16}$	$2\frac{5}{8}$	$3\frac{3}{16}$	$3\frac{3}{4}$
	15°	$2\frac{1}{4}$	$3\frac{3}{16}$	$3\frac{3}{4}$	$4\frac{5}{16}$

Table 1: 20" SoilRebel™ Blade Profiles for 2°, 5°, 7°, 12° and 15° positions.

22" Reverse Crimp SoilRebel™ Blade Profiles

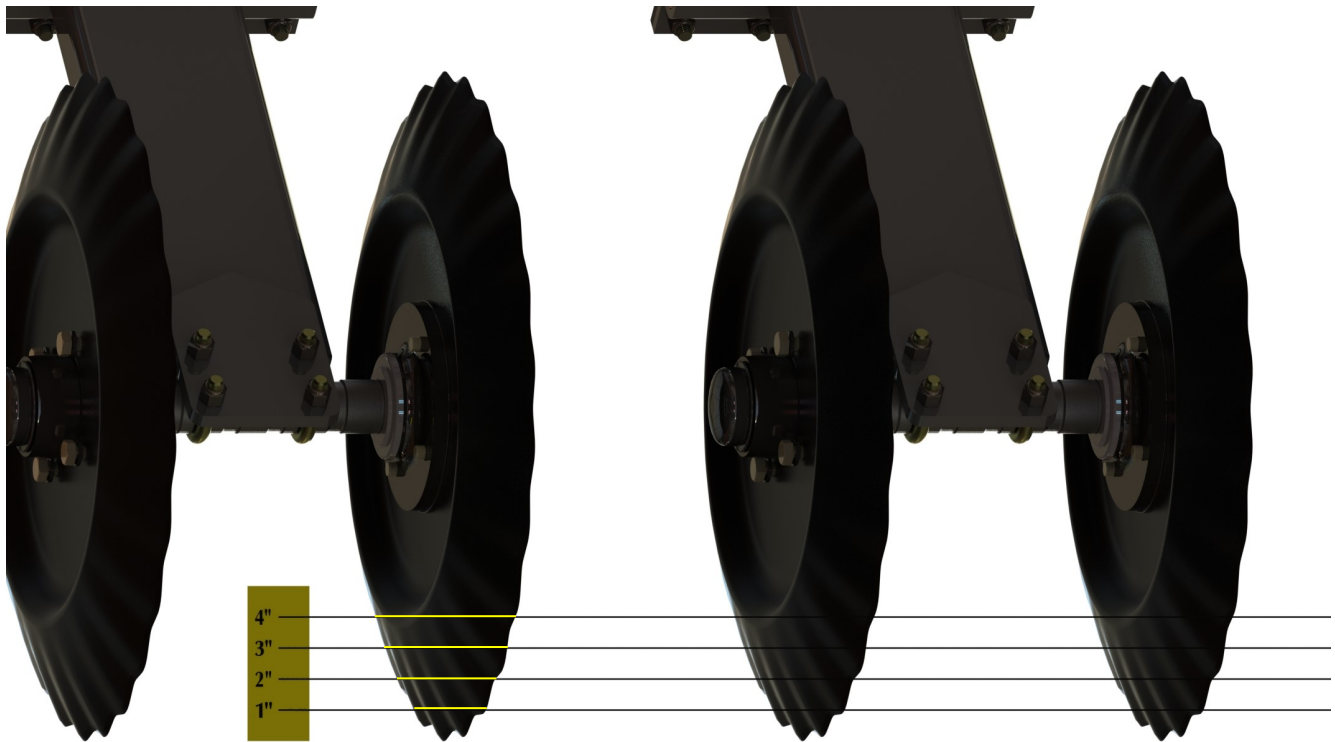


Figure 2: 22" SoilRebel™ Blade positioned at a 15 degree angle.

		22" SoilRebel™ Blade Profile (inches)			
		Soil Depth			
		1"	2"	3"	4"
Blade Angle (degrees)	2°	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{15}{16}$
	5°	1	$1\frac{9}{16}$	$2\frac{1}{16}$	$2\frac{1}{2}$
	7°	$1\frac{1}{4}$	$1\frac{7}{8}$	$2\frac{7}{16}$	$2\frac{7}{8}$
	12°	$1\frac{15}{16}$	$2\frac{5}{8}$	$3\frac{3}{8}$	$3\frac{7}{8}$
	15°	$2\frac{3}{8}$	$3\frac{3}{16}$	$3\frac{15}{16}$	$4\frac{1}{2}$

Table 2: 22" SoilRebel™ Blade Profiles for 2°, 5°, 7°, 12° and 15° positions.

22” Sidewinder Blade Profiles

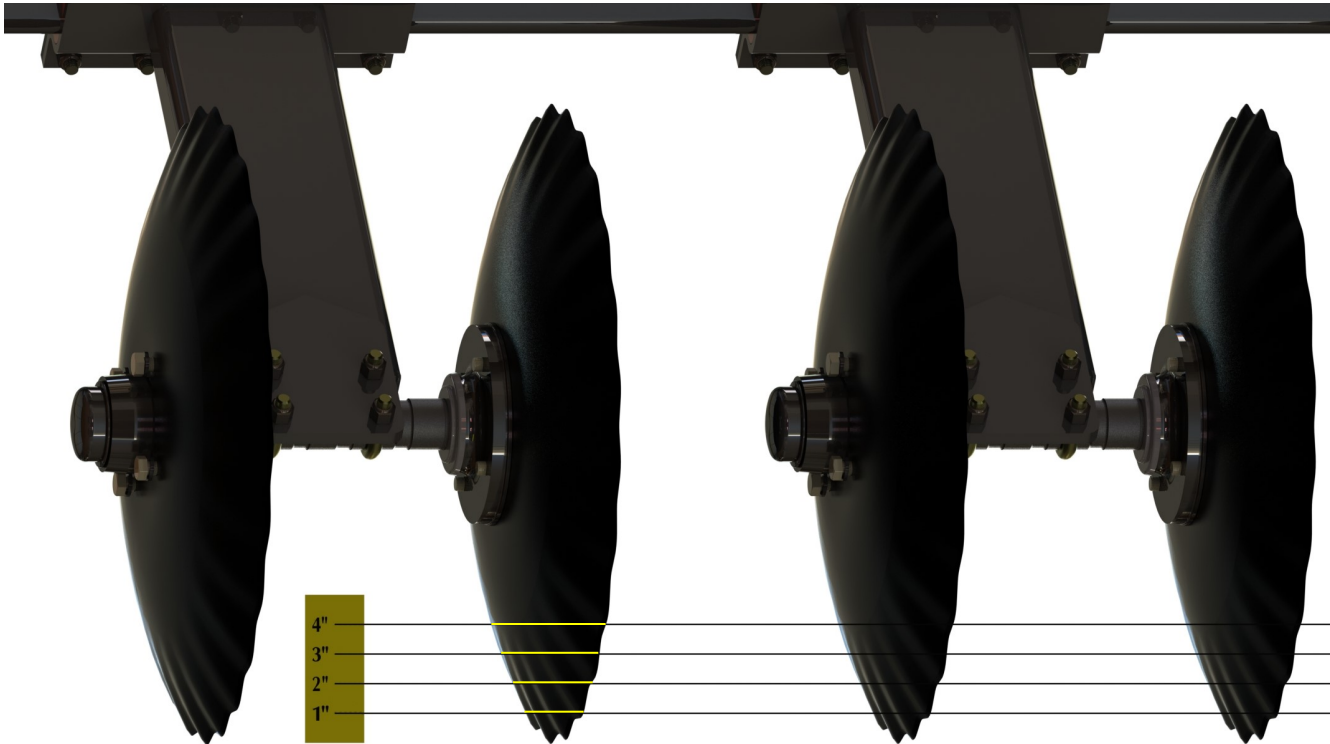


Figure 3: 22” Sidewinder Blade positioned at a 15 degree angle.

		22" Sidewinder Blade Profile (inches)			
		Soil Depth			
		1"	2"	3"	4"
Blade Angle (degrees)	2°	$\frac{13}{16}$	$\frac{15}{16}$	$1\frac{11}{16}$	2
	5°	$1\frac{1}{16}$	$1\frac{11}{16}$	$2\frac{1}{8}$	$2\frac{1}{2}$
	7°	$1\frac{1}{4}$	$1\frac{15}{16}$	$2\frac{7}{16}$	$2\frac{7}{8}$
	12°	2	$2\frac{3}{4}$	$3\frac{5}{16}$	4
	15°	$2\frac{3}{8}$	$3\frac{3}{8}$	4	$4\frac{5}{8}$

Table 3: 22” Sidewinder Blade Profiles for 2°, 5°, 7°, 12° and 15° positions.

24" Reverse Crimp SoilRazor™ Blade Profiles

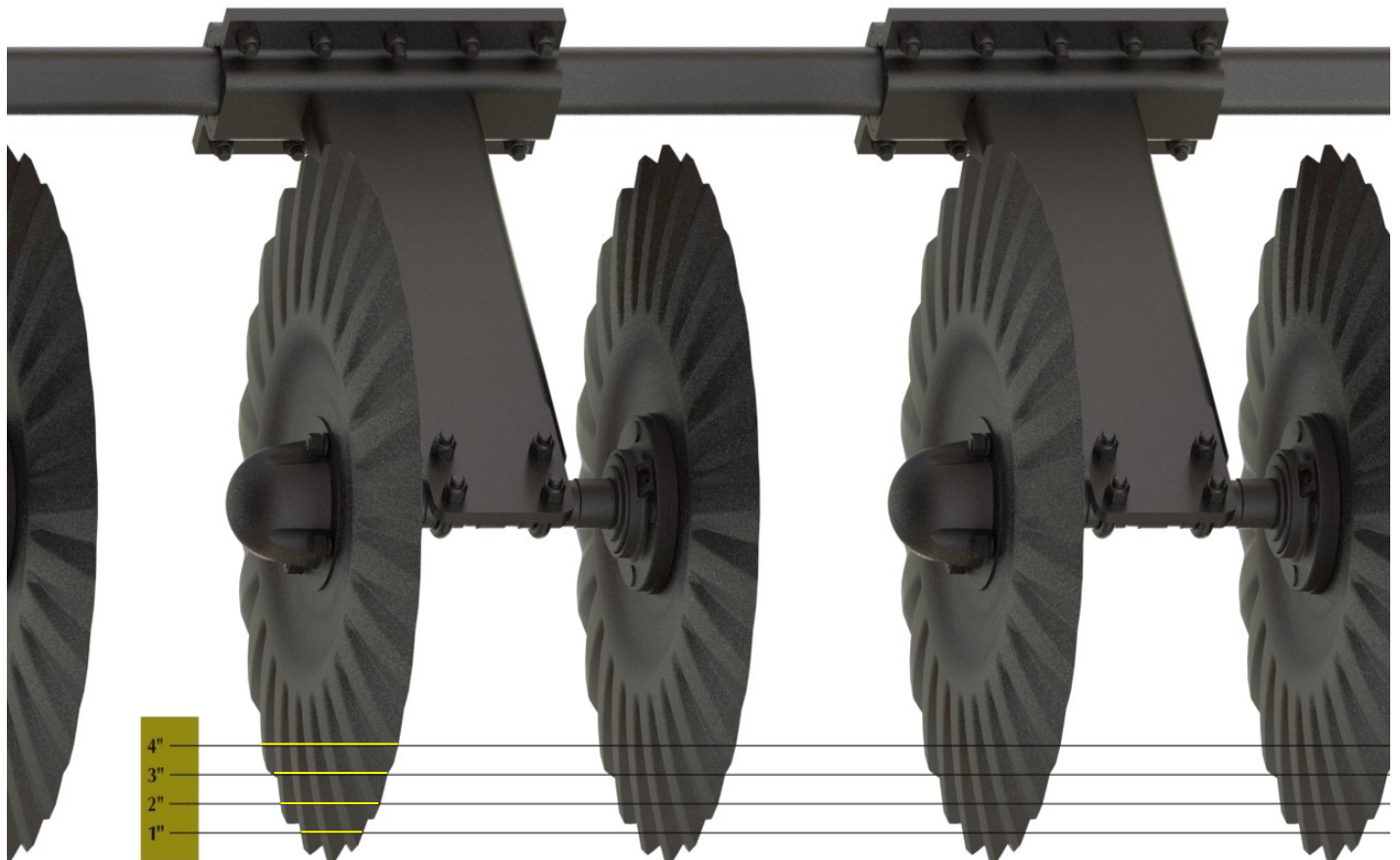


Figure 4: 24" Reverse Crimp Soil Razor™ Blade positioned at a 15 degree angle.

		24" SoilRazor™ Blade Profile (inches)			
		Soil Depth			
		1"	2"	3"	4"
Blade Angle (degrees)	2°	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
	5°	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{7}{8}$
	7°	$1\frac{1}{8}$	$1\frac{5}{8}$	2	$2\frac{3}{8}$
	12°	$1\frac{3}{4}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{3}{4}$
	15°	$2\frac{1}{8}$	$3\frac{1}{2}$	4	$4\frac{3}{4}$

Table 4: 24" SoilRazor™ Blade Profiles for 2°, 5°, 7°, 12° and 15° positions.