

At the
Cutting Edge



2020 CATALOG

At the Cutting Edge

Innovations by Ceres Turf

Ceres Turf was started in July of 2007. Since then we have been responsible for several 'firsts' in the industry. Many of these were so profound that they have been adopted throughout the industry with little awareness. Consequently, the work-lives of many have been quietly and profoundly changed for the better.

- **FIRST IN MATERIALS** – CTI was the first company to use solid rod, high carbon alloy steel for all coring, bayonet and cross style tines. Before CTI changed the standard, coring tines were all made from tubular stock which is a cheaper process but the tines are not as durable. All bayonet and cross tines were made from a process called 'investment casting' (pouring molten steel into a form) which cost less but only lasts half as long. Using solid rods allow one to engineer a tine to have more material (thicker walls) at stress or wear points for longer life.
- **FIRST IN TECHNOLOGY** – CTI was the first and still is the only company to develop a revolutionary hardening process we call **Phoenix**. It is a *thermochemical* process that takes high carbon alloy steel and transforms it into a new compound that is as durable as carbide and does not rust. A tine that is both made from a solid rod and is Phoenix treated is the longest lasting non-carbide tine available. In addition to the **Phoenix** process, CTI's **Phoenix** bedknives are the straightest and most durable bedknives on the market today.
- **FIRST IN PACKAGING** – CTI was the first company to label and prepackage tines packs of 3 and 12. This change has eliminated losing tines in transit due to tines breaking through boxes and has reduced counting errors. CTI can guarantee you will receive the tines you need when you need them.

We are continually working to develop new and improved products **AT THE CUTTING EDGE** of technology...this is our promise, our passion and our commitment to you and the turf industry.

MiniQuads NOW AVAILABLE



MiniQuad 1Q-134337

for Toro, Deere & Jake

1/8" X 4.3" with 3/8" Mount

0.275" OD / 0.160" ID (core) / 4.3" Long

1Q-134331 for VERTI-DRAIN

1/8" X 4.3" with 5/16"/8mm Mount

0.275" OD / 0.160" ID (core) / 4.3" Long



1Q-134319 for VERTI-DRAIN

1/8" X 4.3" with 3/16"/5mm Mount

0.275" OD / 0.160" ID (core) / 4.3" Long



The new Ceres Turf 1/8" MiniQuad is made of 4140 'high carbon' alloy – the best steel alloy available. For best results we recommend that you only 'punch' through the organic layer and not into the soil/sand. The clean-up should be very easy and possible by blowing off the greens. With a 0.160" ID the amount of material that is 'pulled' will be modest. However, the cumulative effect is remarkably gentle and will not adversely affect putting. This is a quick and effective way to remove organic material that is choking your greens without inconveniencing your customers or reducing revenue. We have had incredible reports about how much revenue has been 'saved' with these tines. No longer do you have to close the course or reduce green fees to encourage play.

Ignite Your Imagination

...born in fire
for strength and
durability

INTRODUCING PHOENIX TINE TECHNOLOGY

A thermo-chemical technology that will change the turf industry
Reduced Grow-in Time **No More Chipped or Broken Tips**
No More Searching for Lost Tips **No More Side-Wear Above a Tip**

For years the industry has looked for a metal
that would be as hard as carbide without
the problems. Today we have it...



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All prices are subject to change. Refer to our website
to confirm prices: www.ceresturf.com

PHOENIX TINES

CTI Phoenix technology offers many remarkable benefits to the aerification process. Previously, you had to choose between a long-life, durable carbide tipped coring tine, or a clean efficient cut and core with a standard heat treated tine. Phoenix provides both including significantly reduced 'grow-in' period and rust resistance for longer life. Phoenix tines offer greatly improved cost/longevity benefit ratio. For more info on our Phoenix technology, see *How is Phoenix Better* at www.ceresturf.com.

SOLID L-SHAPED TINES

All 'L' tines are made of 4140 alloy steel and heat treated to optimum industry standards.



SOLID ROUND TINES

Solid round tines are made of 4140 alloy steel and designed to provide the longest life possible for an outstanding value. The individual design of each tine is a result of years of research and customer feedback.



TALON TINES (Cross tines)

Our Talon tines are designed to maximize surface area and minimize plant trauma to provide the optimum gas and water exchange. There is so little disturbance to the green that it is possible to resume play immediately after an aerification with little or no impact on putting. The 'root severing' action promotes root branching for a stronger, healthier root mass.



VENT TINES

(Bayonet or Slicing tines)

Our Vent tines are a modified Talon design where the hole remains open and continues to provide gas and water exchange. Vent tines offer exceptional plant respiration benefits for up to three weeks. Vent tines promote drainage and prepare surfaces for sodding, hot spots, or as a pre-seeding prep process due to minimal soil disruption. Resume play immediately after an aerification with little or no impact on putting.



CTI CORING TINES

CTI is the first to use 4140, solid rod alloy steel for its standard coring tines - a far stronger and more durable option than tubular steel. Making tines of solid rod material is more costly but makes it possible to add additional material at wear points for extra strength and longevity. CTI has a new line of top-eject coring tines.



DEEP CORING TINES

(Redexim; Toro SR; Wiedennman)

CTI has improved the Deep Coring tine by using a single piece of solid 4140 alloy steel - unlike other companies who construct tines in a two piece design with a shank and hollow tube (joined by a roll-pin). Solid 4140 steel alloy is a stronger, more durable choice compared to hollow 4130. Our Deep Tines also come in Phoenix options.



TOLL FREE 866-929-9916 PHN 910-256-8974 FAX 910-763-5316



We offer two lines of bedknives, an excellent **Standard** bedknife line and a premium **Phoenix** line for those who want exceptional hardness and durability. Our Standard line is a wonderful product with an unsurpassed price/performance profile. In short, value. We have optimized our production process so we can offer our Standard line, a top quality bedknife, at a bargain price.



But for those who demand the ultimate in durability, hardness, and longevity we have our Phoenix line. Phoenix bedknives have very exacting tolerances. Our Phoenix bedknives are made of a new, super-hardened alloy and are a step-change product with no equal in the turf industry. Indeed, we invite comparisons! Phoenix bedknives give a cut and longevity profile that is the best available anywhere! They are made of single piece construction so there is no wire or insert to peel off. Phoenix bedknives are especially designed to reduce drag and prevent scraping or scalping. Phoenix bedknives will withstand more sharpening cycles than any other currently available bed knife. This technology is not easy or inexpensive so Phoenix bedknives command a premium price. Considering the very long life and exceptional cutting qualities our Phoenix line is an excellent value.

JOHN DEERE® / TORO® (will fit)

JOHN DEERE® / TORO® (will fit)

(will fit) JOHN DEERE® / TORO®

JOHN DEERE® / TORO® (will fit)



3/8" Mount

Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
1/8" MINIQUAD					
1Q-134337	.160"	4.36"	.275"	.040"	\$14.75









3/8" Mount

PREMIUM QUAD TINES

1Q-255037	.266"	5"	.392"	.063"	\$6.25
1Q-375037	.310"	5"	.454"	.072"	\$7.60
1Q-376037	.310"	6"	.454"	.072"	\$8.70
1Q-525037	.418"	5"	.562"	.072"	\$8.45
1Q-526037	.418"	6"	.562"	.072"	\$9.25
1Q-625037	.481"	5"	.625"	.072"	\$8.45
1Q-626037	.481"	6"	.625"	.072"	\$9.60

PHOENIX QUAD TINES

1QP-255037	.266"	5"	.392"	.063"	\$11.60	
1QP-375037	.310"	5"	.454"	.072"	\$14.85	
1QP-525037	.418"	5"	.562"	.072"	\$16.15	
1QP-526037	.418"	6"	.562"	.072"	\$16.75	
1QP-625037	.481"	5"	.625"	.072"	\$17.45	
1QP-626037	.481"	6"	.625"	.072"	\$17.45	



CARBIDE QUAD TINES

1QC-255037	.250"	5"	.380"	.065"	\$13.50
1QC-375037	.325"	5"	.455"	.065"	\$13.65
1QC-525037	.400"	4.6"	.530"	.065"	\$14.15
1QC-526037	.400"	5.6"	.530"	.065"	\$14.70
1QC-625037	.465"	5.3"	.609"	.072"	\$14.75
1QC-626037	.465"	6"	.609"	.072"	\$15.55

Solid L-Shaped Needle Tines



Toro

Part #	Diameter	Length	Price
2E-206520	.1875"	6.5"	\$5.00
2E-317531	.3125"	7.5"	\$5.50





John Deere

2E-204920	.1875"	4.875"	\$5.50
2E-314931	.3125"	4.875"	\$6.00

3/8" Mount

Solid Round Tines



2-204537	.20"	4.5"	\$4.00	
2-205537	.20"	5.5"	\$4.00	
2-254037	.25"	4"	\$4.00	
2-255037	.25"	5"	\$4.00	
2P-255037	.25"	5"	\$10.30	
2-256037	.25"	6"	\$4.00	
2P-256037	.25"	6"	\$11.20	
2-375037	.375"	5"	\$3.50	
2P-375037	.375"	5"	\$11.60	
2-376037	.375"	6"	\$4.00	
2P-376037	.375"	6"	\$12.25	
2-506037	.50"	6"	\$6.45	
2-626037	.625"	6"	\$7.05	

JOHN DEERE® / TORO® (will fit)

3/8" Mount (continued)

Solid Talon Tines



Part #	Diameter	Length	Price
2T-375037	.375"	5"	\$6.85
2T-376037	.375"	6"	\$7.70
2TP-376037	.375"	6"	\$14.20
2T-504737	.5"	4.75"	\$7.40
2T-506037	.5"	6"	\$7.70
2TP-506037	.5"	6"	\$15.50
2T-754737	.75"	4.75"	\$9.10

Solid Venting Tines



2V-626037	.625"	6"	\$9.40
2V-755037	.75"	5"	\$10.55
2V-756037	.75"	6"	\$12.70
2V-757037	.75"	7"	\$13.50
2VP-757037	.75"	7"	\$25.80

JOHN DEERE® / TORO® (will fit)

3/4" Mount



Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
TUBULAR TOP-EJECT ALLOY CORING TINES					
1-505575	0.400"	5.5"	.544"	.072"	\$5.45
1-625575	0.490"	5.5"	.634"	.072"	\$5.75



MACHINE ALLOY SIDE-EJECTS CORING TINES

1S-375575	0.285"	5.5"	.429"	.072"	\$7.60
1S-505075	0.398"	5"	.542"	.072"	\$8.35
1S-506075	0.398"	6"	.542"	.072"	\$8.85
1S-624575	0.478"	4.5"	.622"	.072"	\$8.25
1S-625075	0.478"	5"	.622"	.072"	\$8.35
1S-626075	0.478"	6"	.622"	.072"	\$8.85
1F-756075	0.521"	6"	.741"	.110"	\$15.50

PHOENIX CORING TINES

1SP-505075	0.398"	5"	.542"	.072"	\$17.40
1SP-506075	0.398"	6"	.542"	.072"	\$17.94
1SP-624575	0.478"	4.5"	.622"	.072"	\$17.94
1SP-625075	0.478"	5"	.622"	.072"	\$17.33
1SP-626075	0.478"	6"	.622"	.072"	\$17.40
1FP-756075	0.521"	6"	.741"	.110"	\$32.25

JOHN DEERE® / TORO® (will fit)

JOHN DEERE® / TORO® (will fit)

JOHN DEERE® / TORO® (will fit)

3/4" Mount (continued)



Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
CARBIDE CORING TINES					
1CS-375075	.270"	5"	.400"	.065"	\$15.50
1CS-376075	.270"	5.75"	.400"	.065"	\$16.05
1CS-505075	.400"	5"	.530"	.065"	\$15.50
1CS-506075	.400"	5.75"	.530"	.065"	\$16.10
1CS-625075	.480"	5"	.610"	.065"	\$15.50
1CS-626075	.480"	5.75"	.610"	.065"	\$16.10
1FCH-816075	.490"	6"	.700"	.105"	\$21.00
1FC-756075	.490"	6"	.700"	.105"	\$24.00



ECONOMY CORING TINES

1E-755775	.620"	5.75"	.875"	.134"	\$6.75
1E-625775	.540"	5.75"	.800"	.120"	\$4.90
1E-505775	.400"	5.75"	.700"	.120"	\$4.80

JOHN DEERE® / TORO® (will fit)

3/4" Mount (continued)

Solid Round Tines



Part #	Diameter	Length	Price
2-255075	.25"	5"	\$5.90
2-256075	.25"	6"	\$6.80
2-375075	.375"	5"	\$5.00
2-376075	.375"	6"	\$6.50
2-505075	.5"	5"	\$5.15
2-506075	.5"	6"	\$6.20
2-625075	.625"	5"	\$5.40
2-626075	.625"	6"	\$6.45
2-627075	.625"	7"	\$7.20
2-755075	.75"	5"	\$5.15
2-756075	.75"	6"	\$6.05
2-757075	.75"	7"	\$6.70
2-106075	1"	6"	\$12.00

JOHN DEERE® / TORO® (will fit)

JOHN DEERE® / TORO® (will fit)



JOHN DEERE® / TORO® (will fit)

JOHN DEERE® / TORO® (will fit)

3/4" Mount (continued)


Solid Talon Tines



Part #	Diameter	Length	Price
2T-376075	.375"	6"	\$9.00
2T-505075	.5"	5"	\$8.45
2T-506075	.5"	6"	\$9.50
2TP-506075	.5"	6"	\$19.15 
2T-755075	.75"	5"	\$9.30
2T-756075	.75"	6"	\$9.90
2TP-756075	.75"	6"	\$23.25 
2T-106075	1.0"	6"	\$16.95

Solid Venting Tines



2V-755075	.75"	5"	\$10.85
2V-756075	.75"	6"	\$11.25
2V-757075	.75"	7"	\$12.70
2VP-757075	.75"	7"	\$23.25 

(will fit) JOHN DEERE® / TORO®

JOHN DEERE® / TORO® (will fit)

7/8" Mount



Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
PREMIUM CORING TINES					
1F-756087	.521"	6"	.741"	.110"	\$16.30

PHOENIX CORING TINES

1FP-876087	.606"	6"	.866"	.130"	\$34.85 
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CARBIDE CORING TINES

1FCH-875587	.590"	5.55"	.830"	.120"	\$23.00
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ECONOMY CORING TINES

1E-755787	.620"	5.75"	.875"	.134"	\$6.75
1E-625787	.540"	5.75"	.800"	.120"	\$5.35

7/8" Mount

Solid Round Tines



Part #	Diameter	Length	Price
2-755087	.75"	5"	\$7.50
2-757087	.75"	7"	\$10.00
2-875087	.875"	5"	\$9.50
2-877087	.875"	7"	\$12.00

RYAN GA®(JACOBSEN)_(will fit)

1/2" Mount



Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
PREMIUM QUAD TINES					
1Q-254050	.266"	4"	.392"	.063"	\$7.10
1Q-374550	.310"	4.5"	.454"	.072"	\$8.75
1Q-524550	.418"	4.5"	.562"	.072"	\$9.00

CARBIDE QUAD TINES

1QC-254050	.250"	4.12"	.362"	.056"	\$13.10
1QC-374550	.325"	4.63"	.453"	.064"	\$13.65
1QC-524550	.400"	4.63"	.530"	.065"	\$14.15

5/8" Mount

CARBIDE CORING TINES

1CS-374562	.270"	4.5"	.404"	.067"	\$15.25
1CS-504562	.395"	4.5"	.529"	.067"	\$15.25

3/4" Mount



CORING TINES

1S-624575	0.478"	4.5"	.622"	.072"	\$8.25
1SP-624575	0.478"	4.5"	.622"	.072"	\$17.94



RYAN GA®(JACOBSEN)_(will fit)

1/2" Mount _(continued)

Solid Round Tines



Part #	Diameter	Length	Price
2-255050	.250"	5"	\$5.75
2-375050	.375"	5"	\$5.25

Solid Talon Tines



2T-374750	.375"	4.75"	\$9.70
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Solid Venting Tines



2V-754750	.750"	4.75"	\$11.00
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5/8" Mount

Solid Venting Tines

2V-754762	.750"	4.75"	\$11.00
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See additional solid tine options with the John Deere and Toro tines

RYAN GA®(JACOBSEN)
_(will fit)

RYAN GA®(JACOBSEN)
_(will fit)

REDEXIM VERTI-DRAIN® (will fit)

3/16" Mount



Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
1/8" MINI QUAD					
1Q-134319	.160"	4.36"	.275"	.040"	\$14.75

5/16" Mount



Part #	Core Diameter	Total Length	Outside Diameter	Wall Thickness	Price
1/8" MINI QUAD					
1Q-134331	.160"	4.36"	.275"	.040"	\$14.75

5/16" Mount



Part #	Core Diameter	Total Length	Tube Length	Outside Diameter	Wall Thickness	Price
PREMIUM CORING TINES						
1D-376031	.266"	6"	5"	.392"	.063"	\$7.65
CARBIDE CORING TINES						
1DC-376031	.240"	6.125"	6.125"	.360"	.060"	\$14.45

REDEXIM VERTI-DRAIN® (will fit)

12mm Mount



Part #	Core Diameter	Total Length	Tube Length	Outside Diameter	Wall Thickness	Price
PREMIUM CORING TINES						
1D-626247	.390"	6.2"	5"	.540"	.075"	\$13.10
1D-628247	.390"	8.2"	7"	.540"	.075"	\$13.65
1D-817347	.461"	7.2"	6"	.671"	.105"	\$17.50
1D-819347	.461"	9.2"	8"	.671"	.105"	\$23.65
1D-8111347	.461"	11.2"	10"	.671"	.105"	\$28.35

PHOENIX CORING TINES

1DP-628247	.390"	8.2"	7"	.540"	.075"	\$25.80
1DP-817347	.461"	7.2"	6"	.671"	.105"	\$32.25

CARBIDE CORING TINES

1DC-628247	.395"	8.375"	7.375"	.535"	.070"	\$20.70
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18mm Mount



1D-1011770	.606"	10.75"	9"	.866"	.130"	\$31.65
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REDEXIM VERTI-DRAIN® (will fit)

REDEXIM VERTI-DRAIN® (will fit)

REDEXIM VERTI-DRAIN® (will fit)

Deep Solid Round Tines



Part #	Diameter	Length	Price
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5/16" Mount

2-318031	.3125"	8"	\$3.15
2-3110031	.3125"	10"	\$3.70
2-3111531	.3125"	11.5"	\$4.50

12mm Mount

2-478047	.500"	8"	\$5.60
2-4710047	.500"	10"	\$5.75
2-4712047	.500"	12"	\$6.25
2-4714047	.500"	14"	\$7.25

18mm Mount

2-7012770	.750"	12.75"	\$13.00
2-7014870	.750"	14.75"	\$14.60
2-7016870	.750"	16.75"	\$17.00

24mm Dimple Mount

2-1014010	1"	14"	\$12.00
2-1016010	1"	16"	\$12.50
2-1018010	1"	18"	\$13.00

REDEXIM VERTI-DRAIN® (will fit)

Deep Vent Tines



Part #	Diameter	Length	Price
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12mm Mount

2V-757047	.750"	7"	\$14.50
2VP-757047	.750"	7"	\$23.91
2V-759547	.750"	9.5"	\$18.30

18mm Mount

2V-7511070	.750"	11"	\$21.10
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REDEXIM VERTI-DRAIN® (will fit)

REDEXIM VERTI-DRAIN® (will fit)

WIEDENMANN® (will fit)

WIEDENMANN® (will fit)

Deep Coring Tines



Quad Mount

Part #	Core Diameter	Total Length	Tube Length	Outside Diameter	Wall Thickness	Price
PREMIUM CORING TINES						
1DW-376031	.266"	6"	5"	.392"	.063"	\$10.35



12mm Dimple Mount

Part #	Core Diameter	Total Length	Tube Length	Outside Diameter	Wall Thickness	Price
PREMIUM CORING TINES						
1DW-628147	.390"	8.1"	7"	.540"	.075"	\$14.15
1DW-817347	.461"	7.3"	6"	.671"	.105"	\$18.25
1DW-819347	.461"	9.3"	8"	.671"	.105"	\$26.75

PHOENIX CORING TINES

1DPW-628147	.390"	8.1"	7"	.540"	.075"	\$28.15
1DPW-817347	.461"	7.3"	6"	.671"	.105"	\$32.25
1DPW-819347	.461"	9.3"	8"	.671"	.105"	\$43.95



CARBIDE CORING TINES

1DCW-628447	.395"	8.4"	7.2"	.535"	.070"	\$22.35
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18mm Screw Mount

Part #	Core Diameter	Total Length	Tube Length	Outside Diameter	Wall Thickness	Price
PREMIUM CORING TINES						
1DW-8110770	.461"	10.7"	8"	.671"	.105"	\$28.00
1DW-1012670	.606"	12.7"	10"	.866"	.130"	\$32.75

(will fit) WIEDENMANN®

WIEDENMANN® (will fit)

Solid Tines



5/16" Dimple Mount

Part #	Diameter	Length	Price
2W-319031	.3125"	9"	\$4.30
2W-3111031	.3125"	11"	\$4.85

12mm Dimple Mount

2W-4710047	.500"	10"	\$6.35
2W-4712047	.500"	12"	\$7.00
2W-4714047	.500"	14"	\$7.90

18mm Screw Mount

2W-7010870	.750"	10.75"	\$13.00
2W-7013370	.750"	13.25"	\$14.00
2W-7012070G	.750"	12"	\$11.00
2W-1013370	1"	13.25"	\$15.00
2W-1016370	1"	16.25"	\$16.90

for GXi

Deep Vent Tines



12mm Dimple Mount

2VW-759547	.750"	9.5"	\$18.65
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SPECIALTY PARTS

SPECIALTY PARTS

No-Snag Rake Prong

Part #	Number	Price
4-175A	As required	\$12.50 ea



Closed Spoon Tines



Part #	Description	Length	ID	OD	Wall	Price
1E-757575	1 bolt mount	7.5"	.550"	.790"	0.120"	\$5.45
1E-108510	2 bolt mount	8.5"	.550"	.790"	0.120"	\$5.45

Star Verti-Cut Blade



4-SVCB2	Star Verti-Cut Blade for John Deere & Toro	5" w/ 1.125" Hex Hole	1mm	\$3.85
4-MT6987	John Deere Fairway Verti-Cut Blade OEM MT6987	7" w/ 1.375" Hex Hole	2.5mm	\$10.65

(will fit) TORO® BEDKNIVES



TORO® BEDKNIVES (will fit)

Description	Part #	Holes	Min. Cut Height	OEM P/N	Works On	Price
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GREENS BEDKNIVES

Phoenix 18" Micro Cut	32P-261-18	11	0.098"	98-7261	Greensmaster 800, Flex 18/1800, eFlex 1800/1820	\$44.25
18" Micro Cut	32-261	11	0.115"	98-7261		\$35.00
Phoenix Super 21" Micro Cut	32P-261	13	0.098"	NA		\$53.65
Phoenix 21" Micro Cut	32P-262	13	0.098"	93-4262		\$43.75
Phoenix Extended 21" Micro Cut	32P-303	13	0.098"	108-4303	Greensmaster 1000/2000, Flex 21/2100, eFlex 2100, Greensmaster 3000, 3100, 3200 Series SPA and DPA Cutting Units, Greensmaster 3300/3320/3400/3420 Tri Flex DPA Cutting Units	\$44.00
21" Micro-Cut	32-262	13	0.115"	93-4262		\$35.90
Phoenix 21" Tournament Cut	32P-263	13	0.115"	93-4263		\$41.00
21" Tournament	32-263	13	0.125"	93-4263		\$31.55
Phoenix 21" Low Cut	32P-264	13	0.135"	93-4264		\$40.45
21" Low-Cut	32-264	13	0.135"	93-4264		\$31.55
26" Low Cut	32-015	16	0.125"	93-9015	Greensmaster 1600/2600	\$41.40

TORO® BEDKNIVES (will fit)

TORO® BEDKNIVES (will fit)

Description	Part #	Holes	Min. Cut Height	OEM P/N	Works On	Price
FAIRWAY BEDKNIVES						
Phoenix 18" Low Cut Fairway	32P-167	6	0.250"	121-3167/ 130-4745	Reelmaster 3550D Edge Series DPA	\$48.65
21" High Cut	32-396	7	0.135"	94-6396	Greensmaster 300-Series 4-Bolt Cutting Unit	\$32.15
21" Fairway Cut	32-610	7	0.250"	63-8610	Reelmaster 223D/5100D/5200D/ 5300D/5400D	\$32.15
21" High Cut "Heavy Duty"	32-350	7	0.375"	100-3350		\$35.90
Phoenix Fairway 22" Low Cut	32P-096	8	0.250"	108-9096	Reelmaster 5210/5410/5510/5610, 5500D/6500D/6700D SPA Cutting Unit-	\$46.25
22" Fairway Cut	32-096	8	0.375"	108-9096	sand 6500D/6700D DPA Cutting Units	\$37.60
30" Fairway Cut	32-890	10	0.375"	72-0480/ 59-5890	Reelmaster 335D/3500D/450D/ 4000D/4500D	\$38.50
32" Low Cut	32-079	12	0.375"	94-5079	Reelmaster 216/216D/2000D/230 OD/2600D/3100D and Grounds Pro 2000/2000D; SPA Cutting Units	\$48.00
100 Bedknife Screws	32-4910			M57-4910		\$35.00

TORO® REELS (will fit)



TORO® REELS (will fit)

Part #	OEM P/N	Description	Works On	Price
TORO® MACHINES				
32-R6097	93-6097 / 127-2182 / 132-7313 (EdgeSeries)	5" x 21", 11 Blade	Greensmaster 1000, 1010, and 2000 Intergral Cutting Units	\$299.00
32-R7635	107-7635 / 127-2176	5" x 21", 11 Blade	Greensmaster Flex 21 (2011 and older)	\$299.00
32-R4289	115-4289 / 127-2177	5" x 21", 14 Blade		\$375.00
32-R4104	119-4104 / 127-2201 / 137-8512 (EdgeSeries Reel +)	5" x 21", 11 Blade	Greensmaster Flex / eFlex 2100 and 2120 (2012 and newer)	\$299.00
32-R4105	119-4105 / 127-2202 / 137-8513 (EdgeSeries Reel +)	5" x 21", 14 Blade		\$399.00
32-R5792	105-5792 / 127-2194	5" x 21", 11 Blade	Greensmaster 3000, 3100, and 3200 DPA Cutting Units (2011 and older)	\$379.00
32-R0649	14-0649 / 130-0093	5" x 21", 8 Blade	Reelmaster 5200, 5300, and 5400 4 Bolt Cutting Units	\$299.00
32-R9071	108-9071 / 127-2065 / 137-8416 (Reel +)	5" x 22", 8 Blade	Reelmaster 5210 and 5410 DPA Cutting Units	\$389.00
32-R9073	108-9073 / 127-2084 / 137-8432 (Reel +)	7" x 22", 8 Blade	Reelmaster 5510, 5610, 6500, and 6700 DPA Cutting Units	\$389.00
32-R9074	108-9074 / 127-2085 / 137-8433 (Reel +)	7" x 22", 11 Blade		\$389.00
32-R4337	94-4337 / 130-0095 / 137-8451 (Reel +)	7" x 22", 5 Blade	Reelmaster 6500 and 6700 SPA Cutting Units	\$335.00
32-R4338	94-4338 / 130-4114 / 137-8453	7" x 22", 11 Blade		\$350.00
32-R9276	112-9276 / 127-2207	5" x 26", 11 Blade	Greensmaster 1600, 1610, and 2600 Intergral Cutting Units	\$355.00
32-R8275	115-8275 / 127-2094 / 133-8269	7" x 27", 8 Blade	Reelmaster 3100 and 7000 DPA Cutting Units	\$385.00
32-R3485	99-3485 / 130-4136	7" x 32", 8 Blade	Reelmaster 2000D, 3100D, 2600D, 2300D, 216	\$386.00

JOHN DEERE® BEDKNIVES (will fit)

JOHN DEERE® BEDKNIVES (will fit)

Description	Part #	Holes	Min. Cut Height	OEM P/N	Works On	Price
Phoenix 18" Super Tournament	30P-944	11	0.098"	MT6944	180 A/B/C / SL Walking Greens Mower and 18" QA5	\$45.70
18" Tournament	30-846	11	0.115"	MT4846		\$34.00
Phoenix 22" Super Tournament	30P-869	13	0.098"	ET4869		\$48.10
Phoenix 22" Super Micro Cut Low Clearance	30P-351	13	0.098"	MT7351		\$48.40
Phoenix 22" Tournament Cut	30P-534	13	0.115"	ET17534	220 A/B/C/SL Walk-behind Greensmower, 2243 and 2500 Professional Greensmower, 3215A and 3235A Lightweight Fairway Mower, 7500 and 8500 Fairway Mower	\$43.20
22" Tournament	30-534	13	0.115"	ET17534		\$33.25
22" Standard	30-533	13	0.125"	ET17533		\$31.70
22" Fairway, Lo-Cut	30-532	13	0.135"	ET17532		\$29.45
22" Fairway, Hi-Cut	30-767	13	0.275"	ET17767		\$33.25
Phoenix 22" Standard Cut Fairway	30P-928	9	0.240"	MT1928	3215A, 3235A, 3225C Lightweight Fairway Mower, 7700, 8700 Fairway Mower	\$46.40
22" Standard	30-751	9	0.375"	ET17751		\$35.45
Phoenix 26" Standard Cut	30P-947	15	0.135"	MT6947		\$48.70
26" Standard Bedknife	30-947	15	0.125"	MT6947	John Deere 260 B/C/SL, 260B/C Walk-Behind Greensmower	\$37.05
26" Fairway	30-946	15	0.189"	MT6946		\$33.80
26" Standard Fairway	30-752	10	0.375"	ET17752	2653/2653A Professional Utility Mower	\$37.05
100 Bedknife Screws	30-7194			M21-7194	Stainless Steel Screws	\$25.00
25 Bedknife Screws w/ Nut	30-5055				Fairway mower screw and nut for 30P-928, 30-751 & 30-752	\$36.25

JOHN DEERE® REELS (will fit)



Part #	OEM P/N	Description	Works On	Price
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JOHN DEERE® MACHINES

30-R2883	AMT2883	5" x 22", 7 Blade	2243 and 2500 Professional Greensmower; 3215A, 3235A, 7500, and 8500 Lightweight Fairway Mower	\$347.75
30-R2885	AMT2885	5" x 22", 11 Blade		\$335.00
30-R2886	AMT2886	5" x 22", 11 Blade	180A, 220, 220A Walk-Behind Greensmower	\$335.00
30-R9350	TCA19350	5" x 22", 7 Blade		\$412.00
30-R9351	TCA19351	5" x 22", 11 Blade	220 E-Cut Walk-Behind Greensmower; 2500B and 2500E Riding Greensmower; 7500 and 8500 Fairway Mower	\$412.00
30-R3621	TCA23621	5" x 22", 14 Blade		\$445.00
30-R2893	AMT2893	7" x 22", 8 Blade	3215A/B, 3225B/C, 3235 A/B/C, 7700, and 8700 Lightweight Fairway Mowers	\$335.00
30-R2894	AMT2894	7" x 22", 10 Blade		\$409.00
30-R9353	TCA19353	7" x 22", 8 Blade	7700 and 8700 Fairway Mower	\$414.00
30-R9354	TCA19354	7" x 22", 10 Blade		\$432.00
30-R2871	AMT2871	7" x 26", 8 Blade	2653, 2653A, and 2653B Professional Utility Mower	\$412.00
30-R9356	TCA19356	7" x 26", 8 Blade	2653B and 7200 Trim and Surrounds Mower, 8900A Large Area Reel Mower	\$386.00

JOHN DEERE® REELS (will fit)

JACOBSEN® BEDKNIVES (will fit)

JACOBSEN® BEDKNIVES (will fit)

Description	Part #	Holes	Min. Cut Height	OEM P/N	Works On	Price
18" Medium Section	31-902	11	0.250"	4118902	Eclipse 118/118F, GK518, SLF-1880	\$34.05
18" Super Tournament	31-888	11	0.125"	5002888		\$37.50
19" Tournament	31-476	11	0.125"	503476	PGM 19	\$35.45
19" Super Tournament	31-984	11	0.115"	2810984		\$35.45
22" Phoenix Super Tournament	31P-887	13	0.098"	5002887	Eclipse 122/122F; PGM22, GK522, E-Walk, GKIV (+), Eclipse 322, GKV, GKVI, GP400, G-Plex III	\$49.99
22" Super Tournament	31-887	13	0.115"	5002887		\$34.85
22" Phoenix Tournament	31P-479	13	0.115"	503479		\$45.40
22" Tournament	31-479	13	0.125"	503479		\$33.35
22" Low Profile	31-478	13	0.135"	503478		\$33.35
22" High Profile	31-477	13	0.175"	503477		\$32.65
22" Heavy Section	31-460	13	0.325"	503460		GKV, GKVI, LF-128, LF-135, LF-550, LF-570, LF3400, LF3800, LF4675, LF4677
26" Low Profile	31-413	11	0.135"	5000413	Eclipse 126, GK526	\$37.35
30" Heavy Section	31-550	13	0.250"	503550	Tri King 30"	\$40.35
100 Bedknife Screws	31-9138				Stainless Steel Screws	\$24.00

JACOBSEN® REELS (will fit)

JACOBSEN® REELS (will fit)



Part #	OEM P/N	Description	Works On	Price
JACOBSEN® MACHINES				
31-R3053	5003053	5" x 22", 7 Blade	Eclipse 322, GP400, G-Plex, and E-Plex; LF-128 (Left), LF-3400 (Left), LF-4675 (Left), LF-510 (Left), LF-550 (Left), and LF-550H (Left)	\$335.00
31-R3054	5003054	5" x 22", 7 Blade	GK 5 and GK 6 Electric; LF-128 (Right), LF-3400 (Right), LF-4675 (Right), LF-510 (Right), LF-550 (Right), and LF-550H (Right)	\$335.00
31-R3453	5003453	5" x 22", 11 Blade	Eclipse 322, GP400, G-Plex, and E-Plex; LF-128 (Left), LF-3400 (Left), LF-4675 (Left), LF-510 (Left), LF-550 (Left), and LF-550H (Left)	\$375.00
31-R3454	5003454	5" x 22", 11 Blade	GK 5 and GK 6 Electric; LF-128 (Right), LF-3400 (Right), LF-4675 (Right), LF-510 (Right), LF-550 (Right), and LF-550H (Right)	\$375.00
31-R0148	5000148	5" x 22", 11 Blade	GK 500-22"	\$335.00
31-R1101	5001101	5" x 22", 11 Blade	Eclipse 322, Eclipse 122F, GK 4 (Left), G-Plex 3, E-Plex, GP400	\$410.00
31-R1102	5001102	5" x 22", 11 Blade	GK 4 (Right); GK 5 and GK 6	\$410.00
31-R3652	5003652	5" x 26", 7 Blade	GK 500-26"	\$465.00
31-R2087	5002087	7" x 26", 7 Blade	TR 3 26" (Left) and Tri King 26" (Left)	\$375.00
31-R2088	5002088	7" x 26", 7 Blade	TR 3 26" (Right) and Tri King 26" (Right)	\$400.00
31-R0472	2810472	7" x 22", 11 Blade	LF-135, LF-3400, LF-3800, LF4677, LF570, LF570H	\$470.00

ROTARY MOWER BLADES

ROTARY MOWER BLADES

OEM	Oregon #	Machine	Length	Arbor	Price
TORO® MACHINES					
100-5754-03	94-052	Toro 3500/4500/4700	27"	1/2"	\$21.75
107-0235-03	96-741	Toro 3500D/4500D/4700D	26 15/16"	1/2"	\$22.85
92-5608-03	94-045	Toro 4000D/4100D/4110D/4300	21 11/16"	1/2"	\$25.75
107-0214-03	96-708	Toro 4000D/4100D/4110D/4300	21 11/16"	1/2"	\$26.80
105-7718	94-055	Toro (60" cut) Hi-Flow Model #74942	20 1/2"	5/8"	\$19.85
115-4999	96-803	Toro 54" Cut for Titan ZX5400, ZX5420	18 1/2"	5/8"	\$15.95
29-5530	94-011	Toro 72" cut Left-hand cut heavy duty Groundsmaster	25"	3/4"	\$26.50
85-6040	94-040	Toro 72" cut, Recycler, Groundsmaster	25 3/16"	1/2"	\$25.85
85-6040	96-705	Toro 72" cut, Recycler, Groundsmaster	25 3/16"	1/2"	\$34.40
110-0621-03	94-074	Toro Groundsmaster 3280-D3320	24 1/2"	1/2"	\$22.10
110-5948-03	96-802	Toro Groundsmaster 5900/5910	20"	1/2"	\$20.40
110-4701-03	96-801	Toro Groundsmaster 7200 Zero Turn 60" Deck	20 1/2"	1/2"	\$20.60
110-0624-03	94-071	Toro Groundsmaster 3280D / 72" cut Model # 74944	24 1/2"	1/2"	\$19.35
105-7711-03	396-764	Toro Turbo Force Deck 72" Cut	24 1/2"	5/8"	\$36.65

Mulching Blades

Made by Oregon, Portland, OR USA

ROTARY MOWER BLADES

ROTARY MOWER BLADES

OEM	Oregon #	Machine	Length	Arbor	Price
JOHN DEERE® MACHINES					
TCU27876	580820	John Deere 7400	27"	7/8"	\$28.15
TCU27401	580823	John Deere 7400	27"	7/8"	\$27.10
TCU27401 & TCU27876	391-595	John Deere 7400	27"	13/16"	\$32.00
GC00344 & GC00175	96-811	John Deere 8800, 3245 Series	20.675"	3/8"	\$28.30
M141786	91-395	John Deere (72" cut) 72/172/272	24 15/16"	7/8"	\$29.55
TCU15882	396-743	John Deere 1453 72" cut, 7-Iron deck	24 15/16"	7/8"	\$22.90
M142514	92-114	John Deere 1453 72" cut, 7-Iron deck	24 7/8"	7/8"	\$20.65
TCU14939 & TCU30315	396-770	John Deere 48" cut, 7-Iron deck	17 1/16"	7/8"	\$22.10
TCU14939	91-079	John Deere 48" cut, 7-Iron deck	17 1/16"	7/8"	\$19.70
M136195 & TCU30316	91-138	John Deere 54" Cut, 7-Iron Deck, Z Track, Signature Series	19 1/16"	7/8"	\$18.10
	91-078	John Deere all 60" cut, Extended Cut 7-Iron decks	20 7/8"	7/8"	\$21.50
TCU15881	92-113	John Deere all 60" cut, high lift 7-Iron decks	20 15/16"	7/8"	\$26.10
	396-730	John Deere High Cut 7 Iron Deck 60" Cut	21 1/16"	7/8"	\$25.65

Mulching Blades

Made by Oregon, Portland, OR USA

ROTARY MOWER BLADES



OEM	Oregon #	Machine	Length	Arbor	Price
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JACOBSEN® MACHINES

112243-03	396-702	Jacobsen AR-5	21"	5/8"	\$27.30
112243-03	596-702	Jacobsen AR-5	21"	5/8"	\$26.75
112243-03	93-013	Jacobsen AR-5	21"	5/8"	\$22.45
JT391039	96-696	Jacobsen HR 5111 (Left-hand blade)	23"	1/2"	\$34.30
JT391040	96-795	Jacobsen HR 5111 (Right-hand blade)	23"	1/2"	\$34.80
390515	91-352	Jacobsen Turfcat 72" cut (3-hole)	24 15/16"	7/16"	\$29.20
4137186	391-591	Jacobsen AR-5/522	22"	1/2"	\$25.85
4137186	91-591	Jacobsen AR-5/522	22"	1/2"	\$18.35

PROGRESSIVE® MACHINES

522372	91-593	Progressive Pro-Flex 120/120R (Left Hand) (4 to a set)	27"	1.00"	\$25.05
522374	91-592	Progressive Pro-Flex 120/120R (Right Hand) (1 to a set)	27"	1.00"	\$20.50

LASTEC® MACHINES

P-322	96-347	Lastec 721XR	21"	5/8"	\$21.85
21538	93-008	Lastec Blade	21"	5/8"	\$19.65

Mulching Blades

Made by Oregon, Portland, OR USA

WARRANTY

WARRANTY

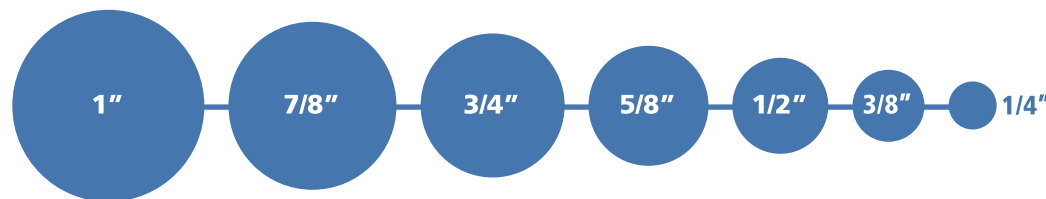
If a warranty issue is suspected, the first step is to save all the parts and packaging and then notify either the Ceres Turf Dealer or Distributor who sold you the parts or contact us directly at 1-866-929-9916 or 1-910-256-8974.

1. DO NOT try to return anything without an RA number! We will likely ask you to return the defective parts (and any unused parts) for testing. You must first receive a **RETURN AUTHORIZATION NUMBER** which must be displayed clearly on the outside of the box. If the part(s) are judged defective a full refund will be issued.
2. Save all packaging material.
3. Protect the suspect parts from any additional damage after use.
4. DO NOT RETURN ANY PARTS TO CTI WITHOUT an RA NUMBER!

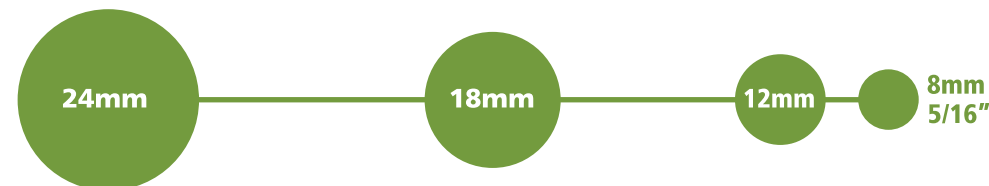
Please refer to our full Warranty Policy at: <http://www.ceresturf.com/product-warranty>

TINE MEASUREMENT

US Standard Sizes



Metric Sizes Deep Tine Mounts

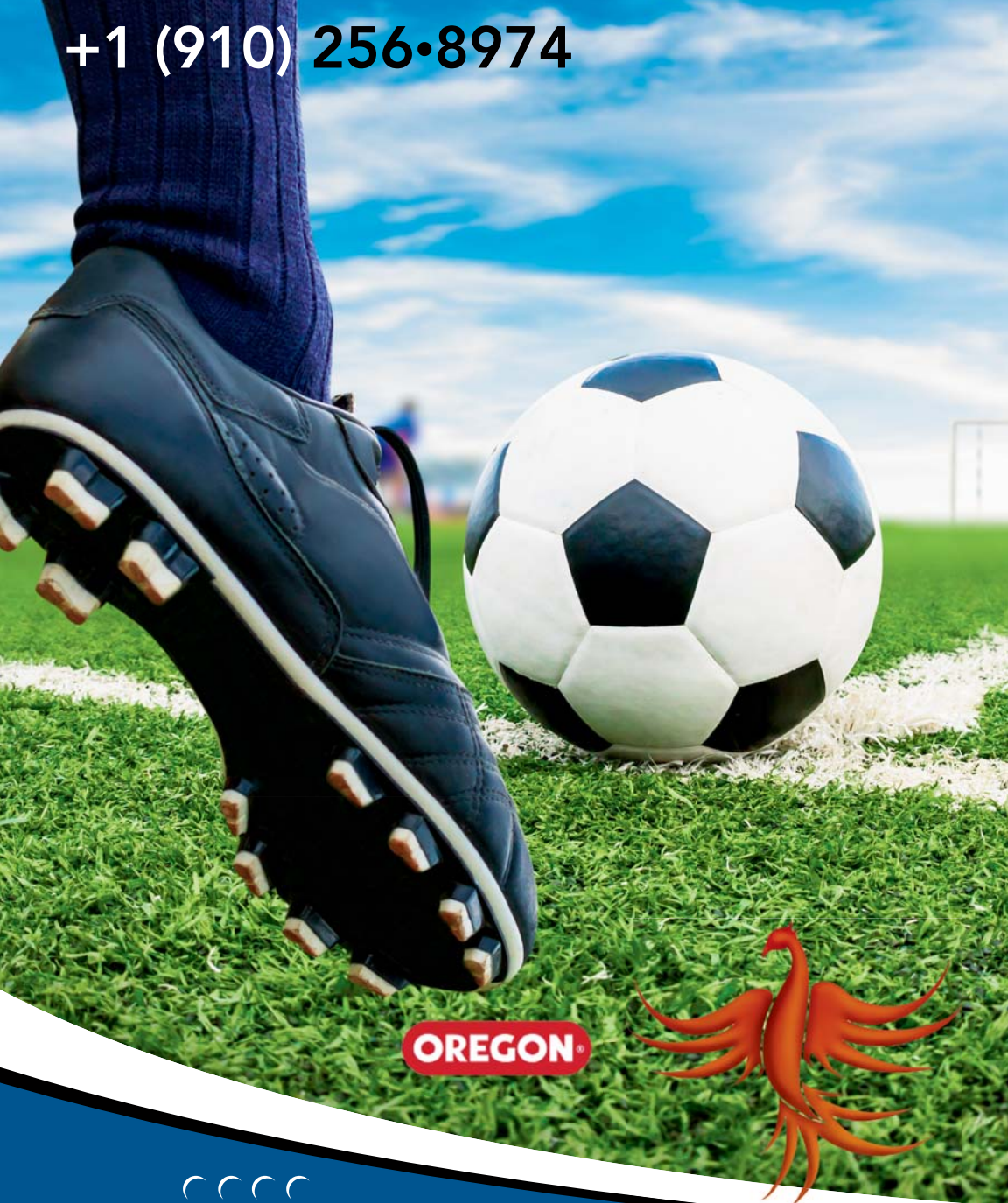


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OREGON



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