



Count on it.

# 2023-2024 TORO<sup>®</sup> TITAN<sup>®</sup> TINES CATALOG





# PLAN YOUR AERATION SCHEDULE TODAY

Contact Your Local Toro Distributor

# TABLE OF CONTENTS

<b>INTRODUCTION</b> .....	1-2
<b>A TINE TO FIT EVERY APPLICATION</b> .....	2
<b>SELECTION &amp; MEASUREMENT GUIDE</b> .....	3
<b>TINE HEAD IDENTIFICATION GUIDE</b> .....	4
<b>AERATION EVALUATION GUIDE</b> .....	5-8
<b>PROCORE® 648s</b> .....	9-13
<b>PROCORE 864/1298</b> .....	14-18
<b>PROCORE 440/660/880</b> .....	19-22
<b>GREENS AERATOR</b> .....	23-25
<b>FAIRWAY AERATOR</b> .....	26-29
<b>TURF AERATOR 686/687</b> .....	30
<b>PROCORE SR SERIES</b> .....	31-39
SR48 .....	32
SR54 .....	33
SR54-S .....	34
SR70 .....	35
SR70-S .....	36
SR72 .....	37
SR75 .....	38-39
<b>TITAN® TINE CONVERSION SLEEVES</b> .....	40
<b>TITAN TINES FOR COMPETITIVE MODELS</b> .....	40-44
<b>QUICK REFERENCE</b> .....	47-50

# EXACT STANDARDS



## AERATION IMPROVES TURF CONDITIONS

Aeration keeps your turf looking great. It's important to aerate often, especially when it comes to high traffic areas, and with TITAN® TINES on your team you'll know you have the best equipment to meet all of your aeration needs successfully.

### TORO'S FAMILY OF TINES ARE DESIGNED TO MEET YOUR EXACT AERATION NEED

TINE	TIP	LONGEVITY	APPLICATION	WALL THICKNESS
<b>Toro Classic</b>	Standard durable heat treated tip	Good	Good quality in most turf conditions	Thin wall delivers durability and exceptional performance
<b>TITAN</b>	Sharp heat treated tip for improved hole quality and life	Better	Provides superior performance and long lasting wear in most turf conditions	Thin wall delivers durability and exceptional performance
<b>TITAN Max</b>	Sharp carbide tip for excellent hole quality and life	Best	Provides superior performance and long lasting wear in most conditions	Thin wall delivers durability and exceptional performance
<b>TITAN Fairway</b>	Standard heat treated fairway tip for consistent core removal	Better	Provides quality performance in natural soil conditions	Thicker wall provides good hole quality and maximum strength
<b>TITAN HD Fairway</b>	Enhanced hardened tip for 75% longer life than TITAN Fairway	Best	Provides excellent performance and wear in extreme conditions	Thicker wall provides good hole quality and maximum strength

# A TINE TO FIT EVERY APPLICATION

Toro® has about every possible tine you can imagine for the changing seasons and your most demanding turf conditions. TITAN® Tines offer superior quality to provide your grounds the best possible care.

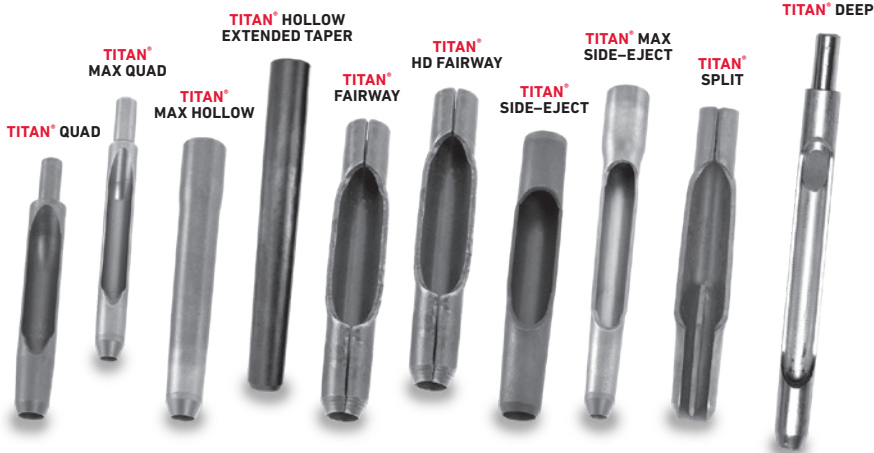
Jump-start your productivity with the TITAN QuickChange™ tine head. The patent-pending taper-lock design makes changing tines a snap. In fact, many users have reduced set-up time by up to 75%. TITAN QuickChange will help you get your aeration done FAST!



## TORO TITAN TINES OFFER

- Over 150 tines, providing multiple aeration choices
- A wide variety of types meeting your exact aeration requirements
- Higher Productivity: TITAN Max designed with long lasting tungsten carbide blend tip
- Better Performance: TITAN tines last approximately 3-4 times longer than standard tines
- An optimized core, removing more thatch for maximum topdressing
- A superior hole, improving recovery time and maintaining playability

## CORING TINES

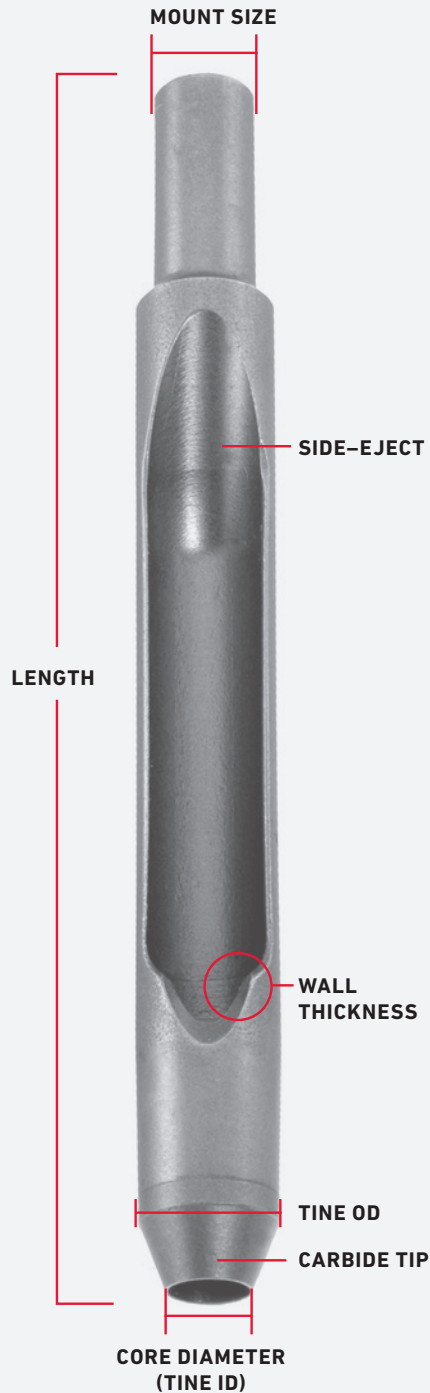


## SOLID TINES



## MEASUREMENT & IDENTIFICATION GUIDE

# SELECTION & MEASUREMENT



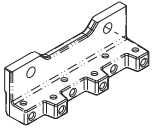
### STANDARD SIZES

1/4 in (6.3 mm)	
3/8 in (9.5 mm)	
1/2 in (12.7 mm)	
5/8 in (15.9 mm)	
3/4 in (19 mm)	
7/8 in (22.2 mm)	

TITAN<sup>®</sup> TINES fit all current and late model Toro<sup>®</sup> aerators. Standard mount size fits most competitor equipment. Check mounting size to ensure compatibility. Prices subject to change without notice.

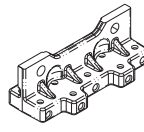
# TINE HEAD IDENTIFICATION GUIDE

## PROCORE 648/648s/864/1298 (See pages 9–18)



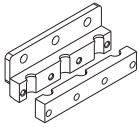
### QUAD TINE HEAD (1x6)

Tine Mount	3/8" (9.5 mm)
Qty. of Tines	6



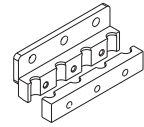
### QUAD TINE HEAD (2x5)

Tine Mount	3/8" (9.5 mm)
Qty. of Tines	10



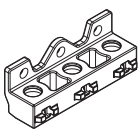
### 3/4" 3-TINE HEAD

Tine Mount	3/4" (19 mm)
Qty. of Tines	3



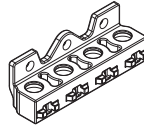
### 3/4" 4-TINE HEAD

Tine Mount	3/4" (19 mm)
Qty. of Tines	4



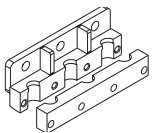
### QUICKCHANGE 3-TINE HEAD

Tine Mount	3/4" (19 mm) or 7/8" (22.2 mm)
Qty. of Tines	3



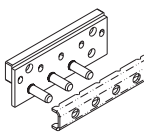
### QUICKCHANGE 4-TINE HEAD

Tine Mount	3/4" (19 mm) or 7/8" (22.2 mm)
Qty. of Tines	4



### 7/8" 3-TINE HD HEAD

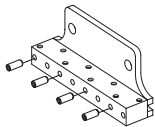
Tine Mount	7/8" (22.2 mm)
Qty. of Tines	3



### NEEDLE TINE HEAD

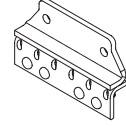
Tine Mount	Needle
Qty. of Tines	5

## PROCORE 440/660/880 (See pages 19–22)



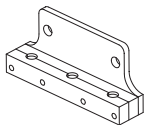
### QUAD TINE HEAD (1x6)

Tine Mount	3/8" (9.5 mm)
Qty. of Tines	8



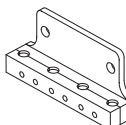
### NEEDLE TINE HEAD

Tine Mount	Needle
Qty. of Tines	6



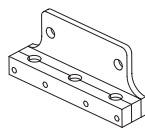
### 3/4" 3-TINE HEAD

Tine Mount	3/4" (19 mm)
Qty. of Tines	3



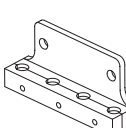
### 3/4" 4-TINE HEAD

Tine Mount	3/4" (19 mm)
Qty. of Tines	4



### 7/8" 3-TINE HEAD

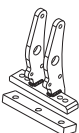
Tine Mount	7/8" (22.2 mm)
Qty. of Tines	3



### 7/8" 4-TINE HEAD

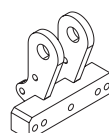
Tine Mount	7/8" (22.2 mm)
Qty. of Tines	4

## PROCORE SR SERIES (See pages 31–39)



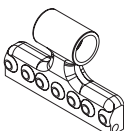
### SR54-S / SR70-S

Tine Mount	5/16" (7.9 mm) or 12,0 mm
Qty. of Tines	3 or 4



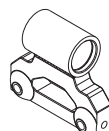
### SR54 / SR70

Tine Mount	5/16" (7.9 mm) or 12,0 mm
Qty. of Tines	2 or 3



### SR48 / SR72

Tine Mount	5/16" (7.9 mm) or 12,0 mm
Qty. of Tines	3 or 4



### SR75

Tine Mount	5/16" (7.9 mm) or 12,0 mm
Qty. of Tines	2 or 3

## AERATION EVALUATION GUIDE WITH TINE SELECTION CHART



### TINE SELECTION CHART:

- Speed and ease of use
- Selection of proper turf guard based on aerator and tine configuration needs.
- Quickly identify the amount of soil removed and the percentage of surface area affected.



# AERATION EVALUATION GUIDE WITH TINE SELECTION CHART

When you're looking to keep your golf course and grounds in top shape, you need a system that helps you quickly choose the right treatment for your turf needs.

Aeration is the key and the tine selection chart offers you fast answers that convey exactly what you need to do to keep your turf looking great.

The tine selection guide makes it easy to choose and understand the right solution for your golf course and ground needs!



## Preparing for Step One: Find Your Model Number

MODEL CONFIGURATION					
Product	Description No.	No.	Lateral Spacing Options	Forward Spacing Options	
<b>ProCore 648/648s</b> Model 09960	Needle Tine Head	09739	1.60" (4,1 cm)	09960 has hole spacing in .25" increments from 1" – 4.5"  1.5, 2, 2.5" (3,8; 5,1; 6,4 cm) 2.5" (6,4 cm) 1.5, 2, 2.5, 3" (3,8; 5,1; 6,4; 7,6 cm) 1.5, 2, 2.5, 3" (3,8; 5,1; 6,4; 7,6 cm) 1.5, 2, 2.5, 3" (3,8; 5,1; 6,4; 7,6 cm) 1.5, 2, 2.5, 3" (3,8; 5,1; 6,4; 7,6 cm) 1.5, 2, 2.5, 3" (3,8; 5,1; 6,4; 7,6 cm) 1.5, 2, 2.5, 3" (3,8; 5,1; 6,4; 7,6 cm)	
	Quad Tine Head, 2 rows of 5	09736	1.60" (4,1 cm)		
	Quad Tine Head, 1 rows of 6	09737	1.30" (3,3 cm)		
	3 Tine, 3/4 in (19 mm) Mount Head	09794	2.60" (6,6 cm)		
	4 Tine, 3/4 in (19 mm) Mount Head	09796	2.0" (5,1 cm)		
	3 Tine HD, 7/8 in (22.2 mm) Mount Head	09797	2.60" (6,6 cm)		
	4 Tine Titan QuickChange	09719	2.0" (5,1 cm)		
	3 Tine Titan QuickChange	09711	2.60" (6,6 cm)		
	<b>ProCore 440/660/880</b> Models 09701, 09702	Needle Tine Head 660/880	09720		1.20" (3,0 cm)
		Needle Tine Head 660/880	09720		1.20" (3,0 cm)
Quad Tine Head		09721	1.20" (3,0 cm)		
3 Tine, 3/4" (19,0 mm) Mount Head		09722	3.20" (8,1 cm)		
4 Tine, 3/4" (19,0 mm) Mount Head		09723	2.40" (6,1 cm)		
3 Tine, 7/8" (22,2 mm) Mount Head		09733	3.20" (8,1 cm)		
4 Tine, 7/8" (22,2 mm) Mount Head		09734	2.40" (6,1 cm)		
<b>Toro Greens Aerator</b> Models 09110, 09120	3/4" (19,0 mm) Head	59-2500	2.25" (5,7 cm)	2.5" (6,4 cm)	
	7/8" (22,2 mm) Head	62-4610			
	Needle Head	94-3421			
	3/8" z Head	94-3420			
<b>Toro Fairway Aerator</b> Models 09500, 09501, 09502	—	—	3.5" (8,9 cm) 5.25" (13,3 cm)	3.0, 6.0" (7,6; 15,2 cm) 3.0, 6.0" (7,6; 15,2 cm)	

\* Tine depth can vary based on machine set-up.





# PROCORE® 648/648s

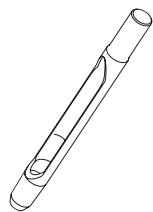


## TINE HEADS & TURF GUARDS

TINE HEADS		TINES REQ'D	TURF GUARDS			
Description	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.
Needle Tine Head	09739	30	120-1047	2	120-1052	1
Quad Tine 3/8" Mount Head, 2 rows of 5	09736	60	120-1047	2	120-1052	1
Quad Tine 3/8" Mount Head, 1 row of 6	09737	36	120-1050	2	120-1053	1
3 Tine, 3/4" Mount Head	09794	18	120-1044	2	110-4358	1
4 Tine, 3/4" Mount Head	09796	24	120-1045	2	120-1046	1
3 Tine HD, 7/8" Mount Head	09797	18	120-1044	2	110-4358	1
3 Tine, Titan 3/4" or 7/8" Mount QuickChange Head	09711	18	120-1044	2	110-4358	1
4 Tine, Titan 3/4" or 7/8" Mount QuickChange Head	09719	24	120-1045	2	120-1046	1

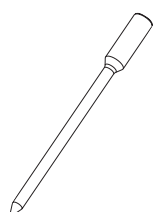
**3/8" (9.5 MM) MOUNT**

**TITAN QUAD**



Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
4.50" (114,3 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	108-9104
4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	108-9105
4.50" (114,3 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9106
4.50" (114,3 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	108-9293
5.00" (127,0 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	138-5937
5.00" (127,0 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	137-6526
5.00" (127,0 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	137-6527
5.00" (127,0 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	137-6529
5.50" (139,7 mm)	.41" (10,3 mm)	.55" (14,7 mm)	.063" (1,6 mm)	108-9290

**TITAN SOLID ROUND**



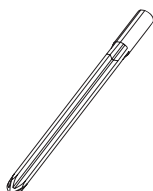
4.50" (114,3 mm)	-	.20" (5,1 mm)	-	108-9230
4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9231
4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9232
4.50" (114,3 mm)	-	.38" (9,7 mm)	-	108-9233
5.50" (139,7 mm)	-	.20" (5,1 mm)	-	108-9234
5.50" (139,7 mm)	-	.25" (6,3 mm)	-	108-9235
5.50" (139,7 mm)	-	.30" (7,6 mm)	-	108-9236
5.50" (139,7 mm)	-	.38" (9,7 mm)	-	108-9237

**TITAN SOLID SLICING**



5.00" (127,0 mm)	-	.63" (15,9 mm)	-	108-9238
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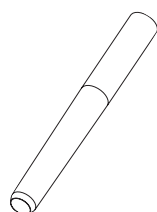
**TITAN CROSS**



4.50" (114,3 mm)	-	.38" (9,5 mm)	-	108-9215
4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9216
4.50" (114,3 mm)	-	.63" (15,9 mm)	-	108-9217
5.50" (139,7 mm)	-	.38" (9,5 mm)	-	108-9218
5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9219
5.50" (139,7 mm)	-	.63" (15,9 mm)	-	108-9220

**3/4" (19.05 MM) MOUNT**

**TITAN HOLLOW**



4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9128
4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9129
4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9130
5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9132
5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9133
5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9134
6.50" (165,1 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9138
6.50" (165,1 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9136
6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9137

**TITAN HOLLOW EXT. TAPER**



5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0551
6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0550

**TITAN® Max**

Part Number	Titan Max Core ID
-------------	-------------------

**QUAD MAX**

108-9112	.23" (5,8 mm)
108-9114	.28" (7,1 mm)
108-9116	.38" (9,7 mm)
108-9120	.23" (5,8 mm)
108-9122	.28" (7,1 mm)
108-9124	.38" (9,7 mm)
-	-
-	-

-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-

-	-
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**CROSS MAX**

-	-
112-1310	-
-	-
-	-
112-1311	-
-	-

**TITAN® Max**

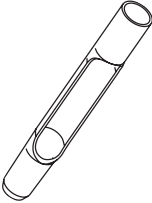
**HOLLOW MAX**

108-9139	.28" (7,1 mm)
108-9141	.38" (9,7 mm)
108-9143	.48" (12,2 mm)
-	-
108-9147	.38" (9,7 mm)
108-9149	.48" (12,2 mm)
108-9135	.28" (7,1 mm)
108-9151	.38" (9,7 mm)
108-9153	.48" (12,2 mm)

**HOLLOW EXT. TAPER MAX**

114-0553	.47" (12,0 mm)
-	-


**3/4" (19.05 MM) MOUNT – CONTINUED**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9159
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9160
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9161
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9163
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9164
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9165
	6.50" (165,1 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9162
	6.50" (165,1 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9167
	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9168


**TITAN SIDE EJECT EXT. TAPER**

	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0555
	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0558


**TITAN SPLIT**

	5.75" (146,0 mm)	.51" (12,9 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5122
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**TITAN FAIRWAY HD**

	5.75" (146,0 mm)	.51" (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	108-9260
	5.75" (146,0 mm)	.51" (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	108-9261

**TITAN FAIRWAY**

	5.75" (146,0 mm)	.51" (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	104-9876
	5.75" (146,0 mm)	.51" (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	104-9875

**CLASSIC**

	4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	.049" (1,2 mm)	66-9140
	4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	.049" (1,2 mm)	59-3670
	5.75" (146,0 mm)	.51" (12,9 mm)	.63" (15,9 mm)	.058" (1,5 mm)	104-0984
	6.50" (165,1 mm)	.39" (9,9 mm)	.66" (16,8 mm)	.058" (1,5 mm)	105-1180

**TITAN® Max**

Part Number	Titan Max Core ID
108-9170	.28" (7,1 mm)
108-9172	.38" (9,7 mm)
108-9174	.48" (12,2 mm)
108-9176	.28" (7,1 mm)
108-9178	.38" (9,7 mm)
108-9180	.48" (12,2 mm)
108-9166	.28" (7,1 mm)
108-9182	.38" (9,7 mm)
108-9184	.48" (12,2 mm)

**SIDE EJECT EXT. TAPER MAX**

114-0557	.47" (12,0 mm)
114-0560	.47" (12,0 mm)

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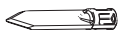
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**3/4" (19.05 MM) MOUNT – CONTINUED**

**TITAN® Max**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	Part Number	Titan Max Core ID
<b>TITAN SOLID ROUND</b>							
	4.50" (114,3 mm)	–	.25" (6,3 mm)	–	108-9198	–	–
	4.50" (114,3 mm)	–	.30" (7,6 mm)	–	108-9199	–	–
	4.50" (114,3 mm)	–	.35" (8,9 mm)	–	108-9200	–	–
	4.50" (114,3 mm)	–	.40" (10,2 mm)	–	108-9201	–	–
	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9202	–	–
	4.50" (114,3 mm)	–	.60" (15,2 mm)	–	108-9203	–	–
	5.50" (139,7 mm)	–	.25" (6,3 mm)	–	108-9204	–	–
	5.50" (139,7 mm)	–	.30" (7,6 mm)	–	108-9205	–	–
	5.50" (139,7 mm)	–	.35" (8,9 mm)	–	108-9206	–	–
	5.50" (139,7 mm)	–	.40" (10,2 mm)	–	108-9207	–	–
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9208	–	–
	5.50" (139,7 mm)	–	.60" (15,2 mm)	–	108-9209	–	–
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9244	–	–
	6.50" (165,1 mm)	–	.30" (7,6 mm)	–	108-9210	–	–
	6.50" (165,1 mm)	–	.35" (8,9 mm)	–	108-9211	–	–
	6.50" (165,1 mm)	–	.40" (10,2 mm)	–	108-9212	–	–
	6.50" (165,1 mm)	–	.50" (12,7 mm)	–	108-9213	–	–
	6.50" (165,1 mm)	–	.60" (15,2 mm)	–	108-9214	–	–
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9245	–	–
	<b>TITAN SOLID SLICING</b>						
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9239	–	–
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9240	–	–
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9241	–	–
<b>TITAN CROSS</b>							
	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9221	–	–
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9223	–	–
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9224	112-1313	–
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9226	–	–
	6.50" (165,1 mm)	–	.50" (12,7 mm)	–	108-9227	112-1314	–
	6.50" (165,1 mm)	–	.62" (15,7 mm)	–	108-9228	–	–
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9229	–	–
<b>CROSS MAX</b>							


**7/8" (22.2 MM) MOUNT**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
<b>TITAN HOLLOW</b>					
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9190
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9191
	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9192
	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9193
<b>TITAN SIDE EJECT</b>					
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9194
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9195
	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9196
	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9197
<b>TITAN SPLIT</b>					
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5121
	5.75" (146,0 mm)	.64" (16,1 mm)	.92" (23,4 mm)	.120" (3,0 mm)	112-5123
<b>CLASSIC</b>					
	4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	62-4600
	5.75" (146,0 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	86-9720
<b>TITAN FAIRWAY HD</b>					
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	108-9264
	5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.122" (3,1 mm)	108-9265
<b>TITAN FAIRWAY</b>					
	4.75" (120,6 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7941
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7900
	5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.120" (3,0 mm)	104-9877
<b>TITAN SOLID ROUND</b>					
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9246
	5.50" (139,7 mm)	–	.88" (22,2 mm)	–	108-9247
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9248
	6.50" (165,1 mm)	–	.88" (22,2 mm)	–	108-9249
<b>TITAN SOLID SLICING</b>					
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9242
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9243
<b>TITAN CROSS</b>					
	5.50" (139,7 mm)	–	.88" (22,2 mm)	–	108-9259

**TITAN® Max**

Part Number	Titan Max Core ID
–	–
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<b>SIDE EJECT MAX</b>	
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108-9188	.48" (12,2 mm)
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**NEEDLE TINE**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	6.43" (163,3 mm)	–	5,0 mm	–	100-3620
	7.38" (187,5 mm)	–	8,0 mm	–	100-3621
	5.43" (137,9 mm)	–	5,0 mm	–	125-3319

Requires Needle Tine Head
Requires Needle Tine Head
Requires Needle Tine Head



# PROCORE<sup>®</sup> 864 / 1298

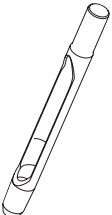


## TINE HEADS & TURF GUARDS


TINE HEADS		TINES REQ'D		TURF GUARDS		
Description	Part No.	Qty. 864	Qty. 1298	Part No.	Qty. 864	Qty. 1298
Quad Tine Head, 2 rows of 5 3/8" (9,5 mm) Mount	09736	80	120	120-1047	2	4
				120-1052	-	2
				110-4367	1	-
				110-4368	1	-
Quad Tine Head, 1 row of 6 3/8" (9,5 mm) Mount	09737	48	72	120-1050	2	4
				120-1053	-	2
				115-2801	1	-
				115-2802	1	-
4 Tine Titan QuickChange 3/4" (19,0 mm) or 7/8" (22,2 mm) Sleeve	09719	32	48	120-1045	2	4
				120-1046	-	2
				110-4363	1	-
				110-4364	1	-
3 Tine Titan QuickChange 3/4" (19,0 mm) or 7/8" (22,2 mm) Sleeve	09711	24	36	120-1044	2	4
				110-4358	-	2
				110-4359	1	-
				110-4360	1	-

TINE HEADS		TINES REQ'D		TURF GUARDS		
Description	Part No.	Qty. 864	Qty. 1298	Part No.	Qty. 864	Qty. 1298
Needle Tine Head	09739	40	60	120-1047	2	4
				120-1052	-	2
				110-4367	1	-
				110-4368	1	-
3 Tine Head 3/4" (19,0 mm) Mount	09794	24	36	120-1044	2	4
				110-4358	-	2
				110-4359	1	-
				115-4360	1	-
4 Tine Head 3/4" (19,0 mm) Mount	09796	32	48	120-1045	2	4
				120-1046	-	2
				120-1059	1	-
				120-1060	1	-
3 Tine Head HD 7/8" (22,2 mm) Mount	09797	24	36	120-1044	2	4
				110-4358	-	2
				110-4359	1	-
				110-4360	1	-

**3/8" (9.5 MM) MOUNT**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.50" (114,3 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	108-9104
	4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	108-9105
	4.50" (114,3 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9106
	4.50" (114,3 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	108-9293
	5.00" (127,0 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	138-5937
	5.00" (127,0 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	137-6526
	5.00" (127,0 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	137-6527
	5.00" (127,0 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	137-6529
	5.50" (139,7 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9290

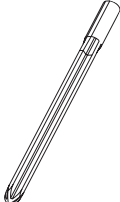
**TITAN SOLID ROUND**

	4.50" (114,3 mm)	-	.20" (5,1 mm)	-	108-9230
	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9231
	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9232
	4.50" (114,3 mm)	-	.38" (9,7 mm)	-	108-9233
	5.50" (139,7 mm)	-	.20" (5,1 mm)	-	108-9234
	5.50" (139,7 mm)	-	.25" (6,3 mm)	-	108-9235
	5.50" (139,7 mm)	-	.30" (7,6 mm)	-	108-9236
	5.50" (139,7 mm)	-	.38" (9,7 mm)	-	108-9237

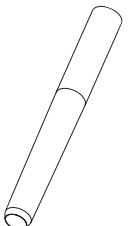
**TITAN SOLID SLICING**

	5.00" (127,0 mm)	-	.63" (15,9 mm)	-	108-9238
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**TITAN CROSS**

	4.50" (114,3 mm)	-	.38" (9,5 mm)	-	108-9215
	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9216
	4.50" (114,3 mm)	-	.62" (15,7 mm)	-	108-9217
	5.50" (139,7 mm)	-	.38" (9,5 mm)	-	108-9218
	5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9219
	5.50" (139,7 mm)	-	.62" (15,7 mm)	-	108-9220

**3/4" (19.05 MM) MOUNT**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9128
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9129
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9130
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9132
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9133
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9134
	6.50" (165,1 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9138
	6.50" (165,1 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9136
	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9137

**TITAN® Max**

Part Number	Titan Max Core ID
<b>QUAD MAX</b>	
108-9112	.23" (5,8 mm)
108-9114	.28" (7,1 mm)
108-9116	.38" (9,7 mm)
-	-
108-9120	.23" (5,8 mm)
108-9122	.28" (7,1 mm)
108-9124	.38" (9,7 mm)
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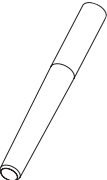
**CROSS MAX**

-	-
112-1310	-
-	-
-	-
112-1311	-
-	-

**TITAN® Max**

Part Number	Titan Max Core ID
<b>HOLLOW MAX</b>	
108-9139	.28" (7,1,mm)
108-9141	.38" (9,7 mm)
108-9143	.48" (12,2 mm)
-	-
108-9147	.38" (9,7 mm)
108-9149	.48" (12,2 mm)
108-9135	.28" (7,1 mm)
108-9151	.38" (9,7 mm)
108-9153	.48" (12,2 mm)


**3/4" (19.05 MM) MOUNT – CONTINUED**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
<b>TITAN HOLLOW EXT. TAPER</b>					
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0551
	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0550
<b>SIDE EJECT</b>					
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9159
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9160
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9161
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9163
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9164
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9165
	6.50" (165,1 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9162
	6.50" (165,1 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9167
	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9168
<b>TITAN SIDE EJECT EXT. TAPER</b>					
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0555
	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0558
<b>TITAN SPLIT</b>					
	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5122
<b>TITAN FAIRWAY HD</b>					
	5.75" (146,0 mm)	.51 (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	108-9260
	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	108-9261
<b>TITAN FAIRWAY</b>					
	5.75" (146,0 mm)	.51 (12,95 mm)	.77" (19,6 mm)	.120" (3,1 mm)	104-9876
	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.122" (3,1 mm)	104-9875
<b>CLASSIC</b>					
	4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	.049" (1,2 mm)	66-9140
	4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	.049" (1,2 mm)	59-3670
	5.75" (146,0 mm)	.51" (12,9 mm)	.63" (15,9 mm)	.058" (1,5 mm)	104-0984
	6.50" (165,1 mm)	.39" (9,9 mm)	.66" (16,8 mm)	.058" (1,5 mm)	105-1180


**TITAN® Max**

Part Number	Titan Max Core ID
<b>HOLLOW EXT. TAPER MAX</b>	
114-0553	.47" (12,0 mm)
–	–
<b>SIDE EJECT MAX</b>	
108-9170	.28" (7,1 mm)
108-9172	.38" (9,7 mm)
108-9174	.48" (12,2 mm)
108-9176	.28" (7,1 mm)
108-9178	.38" (9,7 mm)
108-9180	.48" (12,2 mm)
108-9166	.28" (7,1 mm)
108-9182	.38" (9,7 mm)
108-9184	.48" (12,2 mm)
<b>SIDE EJECT EXT. TAPER MAX</b>	
114-0557	.47" (12,0 mm)
114-0560	.47" (12,0 mm)
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–	–
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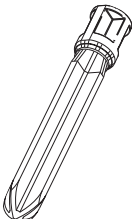
**3/4" (19.05 MM) MOUNT – CONTINUED**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.50" (114,3 mm)	–	.25" (6,3 mm)	–	108-9198
	4.50" (114,3 mm)	–	.30" (7,6 mm)	–	108-9199
	4.50" (114,3 mm)	–	.35" (8,9 mm)	–	108-9200
	4.50" (114,3 mm)	–	.40" (10,2 mm)	–	108-9201
	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9202
	4.50" (114,3 mm)	–	.60" (15,2 mm)	–	108-9203
	5.50" (139,7 mm)	–	.25" (6,3 mm)	–	108-9204
	5.50" (139,7 mm)	–	.30" (7,6 mm)	–	108-9205
	5.50" (139,7 mm)	–	.35" (8,9 mm)	–	108-9206
	5.50" (139,7 mm)	–	.40" (10,2 mm)	–	108-9207
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9208
	5.50" (139,7 mm)	–	.60" (15,2 mm)	–	108-9209
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9244
	6.50" (165,1 mm)	–	.30" (7,6 mm)	–	108-9210
	6.50" (165,1 mm)	–	.35" (8,9 mm)	–	108-9211
	6.50" (165,1 mm)	–	.40" (10,2 mm)	–	108-9212
	6.50" (165,1 mm)	–	.50" (12,7 mm)	–	108-9213
	6.50" (165,1 mm)	–	.60" (15,2 mm)	–	108-9214
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9245

**TITAN SOLID SLICING**

	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9239
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9240
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9241

**TITAN CROSS**

	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9221
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9223
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9224
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9226
	6.50" (165,1 mm)	–	.50" (12,7 mm)	–	108-9227
	6.50" (165,1 mm)	–	.62" (15,7 mm)	–	108-9228
	6.50" (165,1 mm)	–	.75" (19,0 mm)	–	108-9229

**TITAN® Max**

Part Number	Titan Max Core ID
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**CROSS MAX**

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112-1313	–
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112-1314	–
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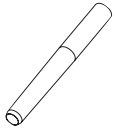
**7/8" (22.2 MM) MOUNT**

**TITAN® Max**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
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Part Number	Titan Max Core ID
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**TITAN HOLLOW**



4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9190
4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9191
5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9192
5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9193

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**SIDE EJECT**



4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9194
4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9195
5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9196
5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9197

**SIDE EJECT MAX**

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108-9188	.48" (12,2 mm)
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**TITAN SPLIT**



5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5121
5.75" (146,0 mm)	.64" (16,1 mm)	.92" (23,4 mm)	.120" (3,0 mm)	112-5123

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**TITAN FAIRWAY HD**



5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	108-9264
5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.122" (3,1 mm)	108-9265

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**TITAN FAIRWAY**



4.75" (120,6 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7941
5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7900
5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.120" (3,0 mm)	104-9877

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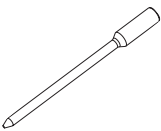
**CLASSIC**



4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	62-4600
5.75" (146,0 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	86-9720

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**TITAN SOLID ROUND**



5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9246
5.50" (139,7 mm)	-	.88" (22,2 mm)	-	108-9247
6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9248
6.50" (165,1 mm)	-	.88" (22,2 mm)	-	108-9249

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**TITAN SOLID SLICING**



5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9242
6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9243

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**TITAN CROSS**



5.50" (139,7 mm)	-	.88" (22,2 mm)	-	108-9259
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**NEEDLE TINE**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
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6.43" (163,3 mm)	-	5,0 mm	-	100-3620
7.38" (187,5 mm)	-	8,0 mm	-	100-3621
5.43" (137,9 mm)	-	5,0 mm	-	125-3319


# PROCORE® 440 / 660 / 880




## TINE HEADS & TURF GUARDS

TINE HEADS		TINES REQ'D		TURF GUARDS					
Description	Part No.	Qty. 660	Qty. 880	Part No.	Qty. 660	Qty. 880	Part No.	Qty. 660	Qty. 880
Needle Tine Head 660/880	09720	48	64	100-5418	6	–	100-5415	1	–
				100-5419	–	7			
Quad Tine Head, 3/8" (9,5 mm) Mount	09721	60	80	100-5420	1	5	100-5421	8	4
3 Tine Head, 3/4" (19,0 mm) Mount	09722	18	24	100-5414	2	5	100-5415	3	–
4 Tine Head, .3/4" (19,0 mm) Mount	09723	24	32	100-5416	5	1	100-5417	–	4
3 Tine Head, 7/8" (22,2 mm) Mount	09733	18	24	100-5414	2	5	100-5415	3	–
4 Tine Head, 7/8" (22,2 mm) Mount	09734	24	32	100-5416	5	1	100-5417	–	4

**3/8" (9.5 MM) MOUNT**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.50" (114,3 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	108-9104
	4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	108-9105
	4.50" (114,3 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9106
	4.50" (114,3 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	108-9293
	5.00" (127,0 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	138-5937
	5.00" (127,0 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	137-6526
	5.00" (127,0 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	137-6527
	5.00" (127,0 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	137-6529
	5.50" (139,7 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9290

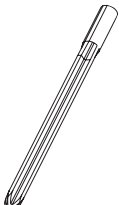
**TITAN SOLID ROUND**

	4.50" (114,3 mm)	-	.20" (5,1 mm)	-	108-9230
	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9231
	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9232
	4.50" (114,3 mm)	-	.38" (9,7 mm)	-	108-9233
	5.50" (139,7 mm)	-	.20" (5,1 mm)	-	108-9234
	5.50" (139,7 mm)	-	.25" (6,3 mm)	-	108-9235
	5.50" (139,7 mm)	-	.30" (7,6 mm)	-	108-9236
	5.50" (139,7 mm)	-	.38" (9,7 mm)	-	108-9237

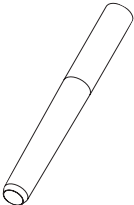
**TITAN SOLID SLICING**

	5.00" (127,0 mm)	-	.63" (15,9 mm)	-	108-9238
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**TITAN CROSS**

	4.50" (114,3 mm)	-	.38" (9,5 mm)	-	108-9215
	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9216
	4.50" (114,3 mm)	-	.62" (15,7 mm)	-	108-9217
	5.50" (139,7 mm)	-	.38" (9,5 mm)	-	108-9218
	5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9219
	5.50" (139,7 mm)	-	.62" (15,7 mm)	-	108-9220

**3/4" (19.05 MM) MOUNT**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9128
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9129
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9130
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9132
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9133
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9134

**TITAN® Max**

Part Number	Titan Max Core ID
<b>QUAD MAX</b>	
108-9112	.23" (5,8 mm)
108-9114	.28" (7,1 mm)
108-9116	.38" (9,7 mm)
-	-
108-9120	.23" (5,8 mm)
108-9122	.28" (7,1 mm)
108-9124	.38" (9,7 mm)
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**CROSS MAX**

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112-1310	-
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112-1311	-
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**TITAN® Max**

Part Number	Titan Max Core ID
<b>HOLLOW MAX</b>	
108-9139	.28" (7,1 mm)
108-9141	.38" (9,7 mm)
108-9143	.48" (12,2 mm)
-	-
108-9147	.38" (9,7 mm)
108-9149	.48" (12,2 mm)

**3/4" (19.05 MM) MOUNT – CONTINUED**


	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	
<b>TITAN HOLLOW EXT. TAPER</b>						
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0551	
<b>TITAN SIDE EJECT</b>						
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9159	
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9160	
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9161	
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9163	
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9164	
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9165	
<b>TITAN SIDE EJECT EXT. TAPER MAX</b>						
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0555	
<b>TITAN SPLIT</b>						
	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5122	
<b>TITAN FAIRWAY HD</b>						
	5.75" (146,0 mm)	.51 (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	108-9260	
	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	108-9261	
<b>TITAN FAIRWAY</b>						
	5.75" (146,0 mm)	.51 (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	104-9876	
	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	104-9875	
<b>CLASSIC</b>						
	4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	.049" (1,2 mm)	66-9140	
	4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	.049" (1,2 mm)	59-3670	
	5.75" (146,0 mm)	.51" (12,9 mm)	.63" (15,9 mm)	.058" (1,5 mm)	104-0984	
<b>TITAN SOLID ROUND</b>						
	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9198	
	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9199	
	4.50" (114,3 mm)	-	.35" (8,9 mm)	-	108-9200	
	4.50" (114,3 mm)	-	.40" (10,2 mm)	-	108-9201	
	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9202	
	4.50" (114,3 mm)	-	.60" (15,2 mm)	-	108-9203	
	5.50" (139,7 mm)	-	.25" (6,3 mm)	-	108-9204	
	5.50" (139,7 mm)	-	.30" (7,6 mm)	-	108-9205	
	5.50" (139,7 mm)	-	.35" (8,9 mm)	-	108-9206	
	5.50" (139,7 mm)	-	.40" (10,2 mm)	-	108-9207	
	5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9208	
	5.50" (139,7 mm)	-	.60" (15,2 mm)	-	108-9209	
	5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9244	
	<b>TITAN SOLID SLICING</b>					
		4.50" (114,3 mm)	-	.75" (19,0 mm)	-	108-9239
		5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9240

**TITAN® Max**

Part Number	Titan Max Core ID
<b>HOLLOW EXT. TAPER MAX</b>	
114-0553	.47" (12,0 mm)
<b>SIDE EJECT MAX</b>	
108-9170	.28" (7,1 mm)
108-9172	.38" (9,7 mm)
108-9174	.48" (12,2 mm)
108-9176	.28" (7,1 mm)
108-9178	.38" (9,7 mm)
108-9180	.48" (12,2 mm)
<b>SIDE EJECT EXT. TAPER MAX</b>	
114-0557	.47" (12,0 mm)
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**3/4" (19.05 MM) MOUNT – CONTINUED**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9221
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9223
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9224
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9226

TITAN® Max	
Part Number	Titan Max Core ID
<b>CROSS MAX</b>	
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–	–
112-1313	–
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**7/8" (22.2 MM) MOUNT**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9190
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9191
	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9192
	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9193

TITAN® Max	
Part Number	Titan Max Core ID
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**TITAN SIDE EJECT**

	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9194
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9195
	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9196
	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9197

<b>SIDE EJECT MAX</b>	
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–	–
108-9188	.48" (12,2 mm)
–	–

**TITAN SPLIT**

	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5121
	5.75" (146,0 mm)	.64" (16,1 mm)	.92" (23,4 mm)	.120" (3,0 mm)	112-5123


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**TITAN FAIRWAY HD**

	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	108-9264
	5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.122" (3,1 mm)	108-9265

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**TITAN FAIRWAY**

	4.75" (120,6 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7941
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7900
	5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.120" (3,0 mm)	104-9877


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**CLASSIC**

	4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	62-4600
	5.75" (146,0 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	86-9720

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**TITAN SOLID ROUND**

	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9246
	5.50" (139,7 mm)	–	.88" (22,2 mm)	–	108-9247

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**TITAN SOLID SLICING**

	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9242
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**TITAN CROSS**

	5.50" (139,7 mm)	–	.88" (22,2 mm)	–	108-9259
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**NEEDLE TINE**

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	6.43" (163,3 mm)	–	5,0 mm	–	100-3620
	7.38" (187,5 mm)	–	8,0 mm	–	100-3621
	5.43" (137,9 mm)	–	5,0 mm	–	125-3319

# GREENS AERATOR



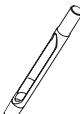
## TINE HEADS & TURF GUARDS




TINE HEADS		TINES REQ'D	TURF GUARDS	
Description	Part No.		Part No.	Qty. Req'd
3/8" (9,5 mm) Needle Tine Head	94-3421 Outboard block 94-6822 Inboard block	12		
1/2" (12,7 mm) Tine Head	94-3420	12	72-4660 (RH) 72-4680 (Ctr) 72-4640 (LH)	1 1 1
3/4" (19,0 mm) Tine Head	59-2500	12		
7/8" (22,2 mm) Tine Head	62-4610	12		

## GREENS AERATOR


### 3/8" (9.5 MM) MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.50" (114,3 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	108-9104
	4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	108-9105
	4.50" (114,3 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9106
	4.50" (114,3 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	108-9293


#### TITAN SOLID ROUND

	4.50" (114,3 mm)	-	.20" (5,1 mm)	-	108-9230
	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9231
	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9232
	4.50" (114,3 mm)	-	.38" (9,7 mm)	-	108-9233


#### TITAN CROSS

	4.50" (114,3 mm)	-	.38" (9,5 mm)	-	108-9215
	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9216
	4.50" (114,3 mm)	-	.63" (15,9 mm)	-	108-9217


### 3/4" (19.05 MM) MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9128
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9129
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9130


#### TITAN SIDE EJECT

	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9159
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9160
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9161

#### CLASSIC

	4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	.049" (1,2 mm)	66-9140
	4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	.049" (1,2 mm)	59-3670

#### TITAN SOLID ROUND

	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9198
	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9199
	4.50" (114,3 mm)	-	.35" (8,9 mm)	-	108-9200
	4.50" (114,3 mm)	-	.40" (10,2 mm)	-	108-9201
	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9202
	4.50" (114,3 mm)	-	.60" (15,2 mm)	-	108-9203

### TITAN® Max

Part Number	Titan Max Core ID
<b>QUAD MAX</b>	
108-9112	.23" (5.8 mm)
108-9114	.28" (7.1 mm)
108-9116	.38" (9.7 mm)
-	-

-	-
-	-
-	-
-	-

#### CROSS MAX

-	-
112-1310	-
-	-

### TITAN® Max



Part Number	Titan Max Core ID
<b>HOLLOW MAX</b>	
108-9139	.28" (7,1 mm)
108-9141	.38" (9,7 mm)
108-9143	.48" (12,2 mm)

#### SIDE EJECT MAX





108-9170	.28" (7,1 mm)
108-9172	.38" (9,7 mm)
108-9174	.48" (12,2 mm)

## GREENS AERATOR

### 3/4" (19.05 MM) MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
<b>TITAN SOLID SLICING</b>					
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9239
<b>TITAN CROSS</b>					
	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9221
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9223

### 7/8" (22.2 MM) MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
<b>TITAN HOLLOW</b>					
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9190
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9191
<b>TITAN SIDE EJECT</b>					
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9194
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9195
<b>CLASSIC</b>					
	4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	62-4600
<b>TITAN FAIRWAY</b>					
	4.75" (120,6 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7941

### NEEDLE TINE

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	6.43" (163,3 mm)	–	5,0 mm	–	100-3620

# FAIRWAY AERATOR

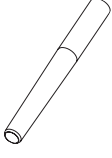
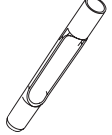




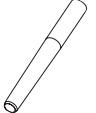


## TINE HEADS & TURF GUARDS

TINE HEADS		TINES REQ'D	TURF GUARDS	
Description	Part No.		Part No.	Qty. Req'd
6-Tine, 3/4" (19,0 mm) Block		36	70-9430 70-9440	3
Outer	95-3103			
Bridging	95-3104			
Inner	95-3105			
6-Tine, 7/8" (22,2 mm) Block		12		
Outer	70-9380			
Bridging	70-9390			
Inner	70-9400			

# FAIRWAY AERATOR

## 3/4" (19.05 MM) MOUNT


	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
<b>TITAN HOLLOW</b>					
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9128
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9129
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9130
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9132
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9133
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9134
<b>TITAN HOLLOW EXT. TAPER</b>					
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0551
<b>TITAN SIDE EJECT</b>					
	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9159
	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9160
	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9161
	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9163
	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9164
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9165
<b>TITAN SIDE EJECT EXT. TAPER</b>					
	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0555
<b>TITAN SPLIT</b>					
	5.75" (146,0 mm)	.64" (16,26 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5122
<b>TITAN FAIRWAY HD</b>					
	5.75" (146,0 mm)	.51" (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	108-9260
	5.75" (146,0 mm)	.51" (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	108-9261
<b>TITAN FAIRWAY</b>					
	5.75" (146,0 mm)	.51" (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	104-9876
	5.75" (146,0 mm)	.51" (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	104-9875
<b>CLASSIC</b>					
	4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	.049" (1,2 mm)	66-9140
	4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	.049" (1,2 mm)	59-3670
	5.75" (146,0 mm)	.51" (12,9 mm)	.63" (15,9 mm)	.058" (1,5 mm)	104-0984

## TITAN® Max

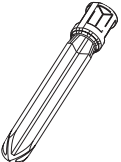
Part Number	Titan Max Core ID
<b>HOLLOW MAX</b>	
108-9139	.28" (7,1 mm)
108-9141	.38" (9,7 mm)
108-9143	.48" (12,2 mm)
-	-
108-9147	.38" (9,7 mm)
108-9149	.48" (12,2 mm)
<b>HOLLOW EXT. TAPER MAX</b>	
114-0553	.47" (12,0 mm)
<b>SIDE EJECT MAX</b>	
108-9170	.28" (7,1 mm)
108-9172	.38" (9,7 mm)
108-9174	.48" (12,2 mm)
108-9176	.28" (7,1 mm)
108-9178	.38" (9,7 mm)
108-9180	.48" (12,2 mm)
<b>SIDE EJECT EXT. TAPER MAX</b>	
114-0557	.47" (12,0 mm)
-	-
-	-
-	-
-	-
-	-
-	-

## FAIRWAY AERATOR

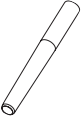


### 3/4" (19.05 MM) MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.50" (114,3 mm)	–	.25" (6,3 mm)	–	108-9198
	4.50" (114,3 mm)	–	.30" (7,6 mm)	–	108-9199
	4.50" (114,3 mm)	–	.35" (8,9 mm)	–	108-9200
	4.50" (114,3 mm)	–	.40" (10,2 mm)	–	108-9201
	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9202
	4.50" (114,3 mm)	–	.60" (15,2 mm)	–	108-9203
	5.50" (139,7 mm)	–	.25" (6,3 mm)	–	108-9204
	5.50" (139,7 mm)	–	.30" (7,6 mm)	–	108-9205
	5.50" (139,7 mm)	–	.35" (8,9 mm)	–	108-9206
	5.50" (139,7 mm)	–	.40" (10,2 mm)	–	108-9207
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9208
	5.50" (139,7 mm)	–	.60" (15,2 mm)	–	108-9209
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9244

### TITAN CROSS

	4.50" (114,3 mm)	–	.50" (12,7 mm)	–	108-9221
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9223
	5.50" (139,7 mm)	–	.50" (12,7 mm)	–	108-9224
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9226

### 7/8" (22.2 MM) MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9190
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9191
	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9192
	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9193
	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9194
	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9195
	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9196
	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9197
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5121
	5.75" (146,0 mm)	.64" (16,1 mm)	.92" (23,4 mm)	.120" (3,0 mm)	112-5123

### TITAN® Max

Part Number	Titan Max Core ID
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–

### CROSS MAX







–	–
–	–
112-1313	–
–	–

### TITAN® Max

Part Number	Titan Max Core ID
<b>HOLLOW MAX</b>	
–	–
–	–
108-9157	.48" (12,2 mm)
–	–
<b>SIDE EJECT MAX</b>	
–	–
–	–
108-9188	.48" (12,2 mm)
–	–
<b>SPLIT MAX</b>	
–	–
–	–

## FAIRWAY AERATOR

### 7/8" (22.2 MM) MOUNT – CONTINUED



	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
<b>TITAN FAIRWAY HD</b>					
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	108-9264
	5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.122" (3,1 mm)	108-9265
<b>TITAN FAIRWAY</b>					
	4.75" (120,6 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7941
	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7900
	5.75" (146,0 mm)	.64" (16,1 mm)	1.00" (25,4 mm)	.120" (3,0 mm)	104-9877
<b>CLASSIC</b>					
	4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	62-4600
	5.75" (146,0 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	86-9720
<b>TITAN SOLID ROUND</b>					
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9246
	5.50" (139,7 mm)	–	.88" (22,2 mm)	–	108-9247
<b>TITAN SOLID SLICING</b>					
	4.50" (114,3 mm)	–	.75" (19,0 mm)	–	108-9239
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9240
	5.50" (139,7 mm)	–	.75" (19,0 mm)	–	108-9242
<b>TITAN CROSS</b>					
	5.50" (139,7 mm)	–	.88" (22,2 mm)	–	108-9259



# TURF AERATOR 686 / 687



## TURF AERATOR 686/687

	Part Number	Size	Quantity Required
<i>SPOON-OPEN</i>			
	108-9296	1/2" (12,7 mm)	96 tines
	108-9298	3/4" (19,0 mm)	96 tines
<i>SPOON-CLOSED</i>			
	108-9297	1/2" (12,7 mm)	96 tines
	108-9299	3/4" (19,0 mm)	96 tines

# PROCORE<sup>®</sup> SR SERIES



The ProCore SR Series provide working widths of 48" – 75" (122 – 190 cm), working depths up to 16" (40.6 cm) and hole spacing from 2.5" – 6" (6.3 – 15.2 cm).

**5/16" (12 MM) OR 11/16" (18 MM) MOUNT**

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<b>CORING TINES</b>						
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8614	-	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8615	-	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8624	-	SGT10750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.81" (20,6 mm)	139-8613	-	SGT10813H
18,0 mm	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8622	-	SGT08125
18,0 mm	8.00" (203,2 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8628	-	SGT08100H
18,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8623	-	SGT10750
18,0 mm	10.00" (254,0 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8617	-	139-8617
18,0 mm	10.00" (254,0 mm)	.76" (19,3 mm)	1.00" (25,4 mm)	139-8619	-	SGT10100S
18,0 mm	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8623	-	SGT12125

**SOLID TINES**

5/16" (7,9 mm)	8.50" (215,9 mm)	-	.31" (7,9 mm)	SGS07313*	SGA08313	-
5/16" (7,9 mm)	10.00" (254,0 mm)	-	.31" (7,9 mm)	SGS08313*	SGA08313	-
3/8" (9,5 mm)	9.00" (228,6 mm)	-	.38" (9,5 mm)	SGS08375*	SGA12375	-
3/8" (9,5 mm)	10.75" (273,1 mm)	-	.38" (9,5 mm)	SGS10374*	SGA12375	-
3/8" (9,5 mm)	12.25" (311,2 mm)	-	.38" (9,5 mm)	SGS10375*	SGA12375	-
12,0 mm	8.00" (203,2 mm)	-	12,0 mm	SGS08500	-	-
12,0 mm	10.75" (273,1 mm)	-	12,0 mm	SGS10504	-	-
12,0 mm	12.25" (311,2 mm)	-	12,0 mm	SGS10500	-	-
12,0 mm	14.25" (361,9 mm)	-	12,0 mm	SGS12500	-	-
12,0 mm	16.25" (412,8 mm)	-	12,0 mm	SGS14500	-	-
18,0 mm	12.25" (311,2 mm)	-	18,0 mm	SGS10750	-	-
18,0 mm	12.50" (317,5 mm)	-	18,0 mm	SGS10875	-	-
18,0 mm	14.00" (355,6 mm)	-	18,0 mm	SGS12875	-	-
18,0 mm	14.25" (361,9 mm)	-	18,0 mm	SGS12750	-	-
18,0 mm	16.00" (406,4 mm)	-	18,0 mm	SGS14875	-	-
18,0 mm	16.25" (412,8 mm)	-	18,0 mm	SGS14750	-	-

**SR48 ADAPTER HEAD KIT 117-7190**

**SOLID TINES**

5/16" (7,9 mm)	8.50" (215,9 mm)	-	.31" (7,9 mm)	SGS07313	-	-
5/16" (7,9 mm)	10.00" (254,0 mm)	-	.31" (7,9 mm)	SGS08313	-	-

**SR48 ADAPTER HEAD KIT 117-7191**

**CORING TINES**

12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	-	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	-	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	-	SGT10750

**SOLID TINES**

12,0 mm	8.00" (203,2 mm)	-	12,0 mm	SGS08500	-	-
12,0 mm	12.25" (311,2 mm)	-	12,0 mm	SGS10500	-	-
12,0 mm	14.25" (361,9 mm)	-	12,0 mm	SGS12500	-	-
12,0 mm	16.25" (412,8 mm)	-	12,0 mm	SGS14500	-	-

## PROCORE® SR SERIES SR54

### 5/16" (12 MM) MOUNT

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<b>CORING TINES</b>						
3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	SGA10375	-
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	-	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	-	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	-	SGT10750
<b>SOLID TINES</b>						
5/16" (7,9 mm)	8.50" (215,9 mm)	-	.31" (7,9 mm)	SGS07313	-	-
5/16" (7,9 mm)	10.00" (254,0 mm)	-	.31" (7,9 mm)	SGS08313	-	-
3/8" (9,5 mm)	9.00" (228,6 mm)	-	.38" (9,5 mm)	SGS08375*	SGA10375	-
3/8" (9,5 mm)	10.75" (273,1 mm)	-	.38" (9,5 mm)	SGS10374*	SGA10375	-
12,0 mm	8.00" (203,2 mm)	-	12,0 mm	SGS08500	-	-
12,0 mm	10.75" (273,1 mm)	-	12,0 mm	SGS10504	-	-

### SR 54 ADAPTER HEAD KIT 117-7193 (36 TINES)

<b>CORING TINES</b>						
3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	-	SGT05550
<b>SOLID TINES</b>						
5/16" (7,9 mm)	8.50" (215,9 mm)	-	.31" (7,9 mm)	SGS07313	-	-
5/16" (7,9 mm)	10.00" (254,0 mm)	-	.31" (7,9 mm)	SGS08313	-	-
3/8" (9,5 mm)	9.00" (228,6 mm)	-	.38" (9,5 mm)	SGS08375*	SGA10375	-
3/8" (9,5 mm)	10.75" (273,1 mm)	-	.38" (9,5 mm)	SGS10374*	SGA10375	-
3/8" (9,5 mm)	12.25" (311,2 mm)	-	.38" (9,5 mm)	SGS10375*	SGA10375	-

\*Longer shank tine.

**SR 54 ADAPTER HEAD KIT 117-7193 (36 TINES) – CONTINUED**

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<i>CORING TINES</i>						
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	–	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	–	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	–	SGT10750
<i>SOLID TINES</i>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.31" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.31" (7,9 mm)	SGS08313	–	–
12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–

**SR 54-S ADAPTER HEAD KIT 117-7194 (12 TINES)**

<i>SOLID TINES</i>						
18,0 mm	12.25" (311,2 mm)	–	18,0 mm	SGS10750	–	–

**SR 54-S ADAPTER HEAD KIT 117-7195 (12 TINES)**

<i>CORING TINES</i>						
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	–	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	–	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	–	SGT10750
<i>SOLID TINES</i>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.31" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.31" (7,9 mm)	SGS08313	–	–
12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–

**SR 54-S ADAPTER HEAD KIT 117-7196 (24 TINES)**

<i>CORING TINES</i>						
3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	–	SGT05550
<i>SOLID TINES</i>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.31" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.31" (7,9 mm)	SGS08313	–	–
3/8" (9,5 mm)	9.00" (228,6 mm)	–	.38" (9,5 mm)	SGS08375	–	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.38" (9,5 mm)	SGS10374	–	–

**SR 54-S ADAPTER HEAD KIT 117-7199 (48 TINES)**

<i>CORING TINES</i>						
3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	–	SGT05550
<i>SOLID TINES</i>						
3/8" (9,5 mm)	9.00" (228,6 mm)	–	.38" (9,5 mm)	SGS08375	–	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.38" (9,5 mm)	SGS10374	–	–

## PROCORE® SR SERIES SR70

### 5/16" (12 MM) MOUNT

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<b>CORING TINES</b>						
3/8" (9.5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	SGA10375	SGT05550
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	–	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	–	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	–	SGT10750
<b>SOLID TINES</b>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.31" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.31" (7,9 mm)	SGS08313	–	–
3/8" (9,5 mm)	9.00" (228,6 mm)	–	.38" (9,5 mm)	SGS08375	SGA10375	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.38" (9,5 mm)	SGS10374	SGA10375	–
12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–

### SR70 ADAPTER HEAD KIT 117–7193 (48 TINES)

<b>CORING TINES</b>						
3/8" (9.5 mm)	5.50" (139,7 mm)	–	.50" (12,7 mm)	139-8618	–	3/8" (9.5 mm)
<b>SOLID TINES</b>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.3125" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.3125" (7,9 mm)	SGS08313	–	–
3/8" (9,5 mm)	9.00" (228,6 mm)	–	.375" (9,5 mm)	SGS08375	–	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.375" (9,5 mm)	SGS10374	–	–
3/8" (9,5 mm)	12.25" (311,2 mm)	–	.375" (9,5 mm)	SGS10375	–	–

**SR70 ADAPTER HEAD KIT 117-7193 (48 TINES) – CONTINUED**

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<i>CORING TINES</i>						
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	–	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	–	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	–	SGT10750
<i>SOLID TINES</i>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.3125" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.3125" (7,9 mm)	SGS08313	–	–
12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–

**SR70-S ADAPTER HEAD KIT 117-7194 (16 TINES)**

*SOLID TINES*

18,0 mm	12.25" (311,2 mm)	–	18,0 mm	SGS10750	–	–
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**SR70-S ADAPTER HEAD KIT 117-7195 (16 TINES)**

*CORING TINES*

12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	–	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	–	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	–	SGT10750

*SOLID TINES*

5/16" (7,9 mm)	8.50" (215,9 mm)	–	.3125" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.3125" (7,9 mm)	SGS08313	–	–
12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–

**SR70-S ADAPTER HEAD KIT 117-7196 (32 TINES)**

*CORING TINES*

3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	–	SGT05550
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*SOLID TINES*

5/16" (7,9 mm)	8.50" (215,9 mm)	–	.3125" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.3125" (7,9 mm)	SGS08313	–	–
3/8" (9,5 mm)	9.00" (228,6 mm)	–	.375" (9,5 mm)	SGS08375	–	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.375" (9,5 mm)	SGS10374	–	–

**SR70-S ADAPTER HEAD KIT 117-7199 (64 TINES)**

*CORING TINES*

3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	139-8618	–	SGT05550
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*SOLID TINES*

3/8" (9,5 mm)	9.00" (228,6 mm)	–	.375" (9,5 mm)	SGS08375	–	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.375" (9,5 mm)	SGS10374	–	–

**PROCORE® SR SERIES SR72**

**5/16" (12 MM) OR 11/16" (18 MM) MOUNT**

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<i>CORING TINES</i>						
12,0 mm Long	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8614	–	SGT07625
12,0 mm Long	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8615	–	SGT07750
12,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8624	–	SGT10750
12,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.81" (20,6 mm)	139-8613	–	SGT10813H
18,0 mm Long	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8622	–	SGT10750
18,0 mm Long	8.00" (203,2 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8628	–	SGT08100H
18,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8623	–	SGT10100S
18,0 mm Long	10.00" (254,0 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8617	–	139-8617
18,0 mm Long	10.00" (254,0 mm)	.76" (19,3 mm)	1.00" (25,4 mm)	139-8619	–	SGT08125
18,0 mm Long	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8627	–	SGT12125
<i>SOLID TINES</i>						
5/16" (7,9 mm)	8.50" (215,9 mm)	–	.31" (7,9 mm)	SGS07313	SGA08313	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.31" (7,9 mm)	SGS08313	SGA08313	–
3/8" (9,5 mm)	9.00" (228,6 mm)	–	.375" (9,5 mm)	SGS08375	SGA12375	–
3/8" (9,5 mm)	10.75" (273,1 mm)	–	.375" (9,5 mm)	SGS10374	SGA12375	–
3/8" (9,5 mm)	12.25" (311,2 mm)	–	.375" (9,5 mm)	SGS10375	SGA12375	–
12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–
12,0 mm	12.25" (311,2 mm)	–	12,0 mm	SGS10500	–	–
12,0 mm	14.25" (361,9 mm)	–	12,0 mm	SGS12500	–	–
12,0 mm	16.25" (412,8 mm)	–	12,0 mm	SGS14500	–	–
18,0 mm	12.25" (311,2 mm)	–	18,0 mm	SGS10750	–	–
18,0 mm	12.50" (317,5 mm)	–	18,0 mm	SGS10875	–	–
18,0 mm	14.00" (355,6 mm)	–	18,0 mm	SGS12875	–	–
18,0 mm	14.25" (361,9 mm)	–	18,0 mm	SGS12750	–	–
18,0 mm	16.00" (406,4 mm)	–	18,0 mm	SGS14875	–	–
18,0 mm	16.25" (412,8 mm)	–	18,0 mm	SGS14750	–	–

**SR72 ADAPTER HEAD KIT 117–7190 (60 TINES)**

*SOLID TINES*

5/16" (7,9 mm)	8.50" (215,9 mm)	–	.3125" (7,9 mm)	SGS07313	–	–
5/16" (7,9 mm)	10.00" (254,0 mm)	–	.3125" (7,9 mm)	SGS08313	–	–

**SR72 ADAPTER HEAD KIT 117–7191 (60 TINES)**

*CORING TINES*

12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8616	–	SGT07625
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8625	–	SGT07750
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8620	–	SGT10750

*SOLID TINES*

12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
12,0 mm	12.25" (311,2 mm)	–	12,0 mm	SGS10500	–	–
12,0 mm	14.25" (361,9 mm)	–	12,0 mm	SGS12500	–	–
12,0 mm	16.25" (412,8 mm)	–	12,0 mm	SGS14500	–	–

\*Longer shank tine.



**7/8" (22.2 MM) MOUNT**

Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
<b>CORING TINES</b>						
18,0 mm Long	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8622	SG715802	SGT08125
18,0 mm Long	8.00" (203,2 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8628	SG715802	SGT08100H
18,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8623	SG715802	SGT10750
18,0 mm Long	10.00" (254,0 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8617	SG715802	139-8617
18,0 mm Long	10.00" (254,0 mm)	.76" (19,3 mm)	1.00" (25,4 mm)	139-8619	SG715802	SGT10100S
18,0 mm Long	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8627	SG715802	SGT12125
7/8" (22,2 mm) Long	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8626	-	SGT08125
7/8" (22,2 mm) Long	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8621	-	SGT12125

**SOLID TINES**

18,0 mm	12.25" (311,2 mm)	-	18,0 mm	SGS10750	SG715802	-
18,0 mm	12.50" (317,5 mm)	-	.875" (22,2 mm)	SGS10875	SG715802	-
18,0 mm	14.00" (355,6 mm)	-	.875" (22,2 mm)	SGS12875	SG715802	-
18,0 mm	14.25" (361,9 mm)	-	18,0 mm	SGS12750	SG715802	-
18,0 mm	16.00" (406,4 mm)	-	.875" (22,2 mm)	SGS14875	SG715802	-
18,0 mm	16.25" (412,8 mm)	-	18,0 mm	SGS14750	SG715802	-
7/8" (22,2 mm)	12.50" (317,5 mm)	-	.875" (22,2 mm)	SGS10876	-	-
7/8" (22,2 mm)	14.00" (355,6 mm)	-	.875" (22,2 mm)	SGS12876	-	-
7/8" (22,2 mm)	17.88" (454,2 mm)	-	1.00" (25,4 mm)	SGS16100	-	-

**SR75 ADAPTER HEAD KIT 117-7198 (5/32X15/32" [4X12 MM] = 24 TINES OR 1/8X11/16" [3X18MM] = 18 TINES)**

**CORING TINES**

12,0 mm Long	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	139-8614	-	SGT07625
12,0 mm Long	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	139-8615	-	SGT07750
12,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.81" (20,6 mm)	139-8613	-	SGT10813H
12,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8624	-	SGT10750
18,0 mm Long	8.00" (203,2 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8628	-	SGT08100H
18,0 mm Long	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8622	-	SGT08125
18,0 mm Long	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	139-8623	-	SGT07625
18,0 mm Long	10.00" (254,0 mm)	.76" (19,3 mm)	1.00" (25,4 mm)	139-8619	-	SGT10100S
18,0 mm Long	10.00" (254,0 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	139-8617	-	139-8617
18,0 mm Long	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	139-8627	-	SGT12125

\*Longer shank tine.

**ADAPTER HEAD KIT 117-7198 – CONTINUED**

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	12,0 mm Replacement Tube
<i>SOLID TINES</i>							
	12,0 mm	8.00" (203,2 mm)	–	12,0 mm	SGS08500	–	–
	12,0 mm	10.75" (273,1 mm)	–	12,0 mm	SGS10504	–	–
	12,0 mm	12.25" (311,2 mm)	–	12,0 mm	SGS10500	–	–
	12,0 mm	14.25" (361,9 mm)	–	12,0 mm	SGS12500	–	–
	12,0 mm	16.25" (412,8 mm)	–	12,0 mm	SGS14500	–	–
	18,0 mm	12.25" (311,2 mm)	–	18,0 mm	SGS10750	–	–
	18,0 mm	12.50" (317,5 mm)	–	.875" (22,2 mm)	SGS10875	–	–
	18,0 mm	14.00" (355,6 mm)	–	.875" (22,2 mm)	SGS12875	–	–
	18,0 mm	14.25" (361,9 mm)	–	18,0 mm	SGS12750	–	–
	18,0 mm	16.00" (406,4 mm)	–	.875" (22,2 mm)	SGS14875	–	–
	18,0 mm	16.25" (412,8 mm)	–	18,0 mm	SGS14750	–	–

# COMPETITIVE MODELS



## TITAN® Conversion Sleeves

Part Number	Description	Mount
112-1300	Sleeve	1/2" (12,7 mm)
112-1301	Sleeve	5/8" (15,9 mm)

Easily Converts TITAN® Tines to 1/2" (12,7 mm) and 5/8" (15,9 mm) Mount. Toro® conversion sleeves allow the complete selection of Toro tines to fit on most competitive equipment. The conversion sleeve slides onto a 3/8" (9,5 mm) mount Toro tine to create a 1/2" (12,7 mm) mount or 5/8" (15,9 mm) mount.

## TITAN® TINES COMPETITIVE MODELS

3/8" (99.5 MM) MOUNT					TITAN® Max		Competitive Model	
Length	Core Dia. (ID)	OD	Part Number	Wall	Part Number	Core Dia. (ID)	Ryan® GA 24/30/60	John Deere®
<b>TITAN QUAD</b>					<b>QUAD MAX</b>			
4.50" (114,3 mm)	.25" (6,3 mm)	.36" (9,1 mm)	108-9104	.052" (1,3 mm)	108-9112	.23" (5,8 mm)	X	X
4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	108-9105	.063" (1,6 mm)	108-9114	.28" (7,1 mm)	X	X
4.50" (114,3 mm)	.41" (10,3 mm)	.55" (13,9 mm)	108-9106	.063" (1,6 mm)	108-9116	.38" (9,7 mm)	X	X
4.50" (114,3 mm)	.48" (12,2 mm)	.58" (14,7 mm)	108-9293	.049" (1,2 mm)	-	-	X	X
5.00" (127,0 mm)	.25" (6,3 mm)	.36" (9,1 mm)	138-5937	.052" (1,3 mm)	108-9120	.23" (5,8 mm)	X	X
5.00" (127,0 mm)	.32" (8,1 mm)	.46" (11,6 mm)	137-6526	.063" (1,6 mm)	108-9122	.28" (7,1 mm)	X	X
5.00" (127,0 mm)	.41" (10,3 mm)	.55" (13,9 mm)	137-6527	.063" (1,6 mm)	108-9124	.38" (9,7 mm)	X	X
5.00" (127,0 mm)	.48" (12,2 mm)	.58" (14,7 mm)	137-6529	.049" (1,2 mm)	-	-	X	X
<b>TITAN SOLID ROUND</b>								
4.50" (114,3 mm)	-	.20" (5,1 mm)	108-9230	-	-	-	X	X
4.50" (114,3 mm)	-	.25" (6,3 mm)	108-9231	-	-	-	X	X
4.50" (114,3 mm)	-	.30" (7,6 mm)	108-9232	-	-	-	X	X
4.50" (114,3 mm)	-	.38" (9,7 mm)	108-9233	-	-	-	X	X
5.50" (139,7 mm)	-	.20" (5,1 mm)	108-9234	-	-	-	X	X
5.50" (139,7 mm)	-	.25" (6,3 mm)	108-9235	-	-	-	X	X
5.50" (139,7 mm)	-	.30" (7,6 mm)	108-9236	-	-	-	X	X
5.50" (139,7 mm)	-	.38" (9,7 mm)	108-9237	-	-	-	X	X
<b>TITAN SOLID SLICING</b>								
5.00" (127,0 mm)	-	.63" (15,9 mm)	108-9238	-	-	-	X	X
<b>TITAN CROSS</b>					<b>CROSS MAX</b>			
4.50" (114,3 mm)	-	.38" (9,5 mm)	108-9215	-	-	-	X	X
4.50" (114,3 mm)	-	.50" (12,7 mm)	108-9216	-	112-1310	-	X	X
4.50" (114,3 mm)	-	.63" (15,9 mm)	108-9217	-	-	-	X	X
5.50" (139,7 mm)	-	.38" (9,5 mm)	108-9218	-	-	-	X*	X
5.50" (139,7 mm)	-	.50" (12,7 mm)	108-9219	-	112-1311	-	X*	X
5.50" (139,7 mm)	-	.63" (15,9 mm)	108-9220	-	-	-	X*	X

\*Only available on GA 30/60 models

## TITAN® TINES COMPETITIVE MODELS

1/2" (12.7 MM) MOUNT					TITAN® Max		Competitive Model	
Length	Core Dia. (ID)	OD	Part Number	Wall	Part Number	Core Dia. (ID)	Ryan® GA 24/30/60	John Deere®
<b>TITAN QUAD</b>					<b>QUAD MAX</b>			
4.50" (114,3 mm)	.32" (8,3 mm)	.46" (11,6 mm)	112-1316	.063" (1,6 mm)	112-1322	.28" (7,1 mm)	X	-
<b>TITAN SOLID ROUND</b>								
4.50" (114,3 mm)	-	.50" (12,7 mm)	112-1347	-	-	-	X	-
5.50" (139,7 mm)	-	.25" (6,3 mm)	112-1329	-	-	-	X	-
<b>TITAN SOLID SLICING</b>								
5.00" (127,0 mm)	-	.63" (15,9 mm)	112-5102	-	-	-	X	-
5/8" (15.8 MM) MOUNT					TITAN® Max		Competitive Model	
Length	Core Dia. (ID)	OD	Part Number	Wall	Part Number	Core Dia. (ID)	Ryan® GA 24/30/60	John Deere®
<b>TITAN SIDE EJECT</b>								
4.50" (114,3 mm)	.43" (10,9 mm)	.56" (14,2 mm)	112-1303	.058" (1,5 mm)	112-1304	.38" (9,5 mm)	X	-
<b>TITAN SOLID ROUND</b>								
4.50" (114,3 mm)	-	.63" (15,9 mm)	112-1348	-	-	-	X	-
<b>TITAN SOLID SLICING</b>								
5.00" (127,0 mm)	-	.63" (15,9 mm)	112-5103	-	-	-	X	-

\*Only available on GA 30/60 models

# TITAN® TINES COMPETITIVE MODELS

3/4" (19.05 MM) MOUNT					TITAN® Max		Competitive Model	
Length	Core Dia. (ID)	OD	Part Number	Wall	Part Number	Core Dia. (ID)	Ryan® GA 24/30/60	John Deere®
<b>TITAN HOLLOW</b>					<b>HOLLOW MAX</b>			
4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	108-9128	.058" (1,5 mm)	108-9139	.28" (7,1 mm)	X	X
4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	108-9129	.058" (1,5 mm)	108-9141	.38" (9,7 mm)	X	X
4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	108-9130	.058" (1,5 mm)	108-9143	.48" (12,2 mm)	X	X
5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	108-9132	.058" (1,5 mm)	-	-	-	-
5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	108-9133	.058" (1,5 mm)	108-9147	.38" (9,7 mm)	X*	X
5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	108-9134	.058" (1,5 mm)	108-9149	.48" (12,2 mm)	X*	X
<b>TITAN HOLLOW EXT. TAPER</b>					<b>HOLLOW EXT. TAPER MAX</b>			
5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	114-0551	.058" (1,5 mm)	114-0553	.47" (12,0 mm)	X*	X
<b>TITAN SIDE EJECT</b>					<b>SIDE EJECT MAX</b>			
4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	108-9159	.058" (1,5 mm)	108-9170	.28" (7,1 mm)	X	-
4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	108-9160	.058" (1,5 mm)	108-9172	.38" (9,7 mm)	X	-
4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	108-9161	.058" (1,5 mm)	108-9174	.48" (12,2 mm)	X	-
5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	108-9163	.058" (1,5 mm)	108-9176	.28" (7,1 mm)	-	X
5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	108-9164	.058" (1,5 mm)	108-9178	.38" (9,7 mm)	-	X
5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	108-9165	.058" (1,5 mm)	108-9180	.47" (12,2 mm)	-	X
<b>TITAN SIDE EJECT EXT. TAPER</b>					<b>SIDE EJECT EXT. TAPER MAX</b>			
5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	114-0555	.058" (1,5 mm)	114-0557	.47" (12,0 mm)		X
<b>TITAN FAIRWAY HD</b>								
5.75" (146,0 mm)	.51" (12,95 mm)	.77" (19,6 mm)	108-9260	.120" (3,0 mm)	-	-	X*	X
5.75" (146,0 mm)	.51" (12,95 mm)	.88" (22,4 mm)	108-9261	.120" (3,0 mm)	-	-	X*	X
<b>TITAN FAIRWAY</b>								
5.75" (146,0 mm)	.51" (12,95 mm)	.77" (19,6 mm)	104-9876	.120" (3,0 mm)	-	-		X
5.75" (146,0 mm)	.51" (12,95 mm)	.88" (22,4 mm)	104-9875	.120" (3,0 mm)	-	-		X
<b>CLASSIC</b>								
4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	66-9140	.049" (1,2 mm)	-	-	X	X
4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	59-3670	.049" (1,2 mm)	-	-	X	X
5.75" (146,0 mm)	.51" (12,9 mm)	.63" (15,9 mm)	104-0984	.058" (1,5 mm)	-	-	X*	X
<b>TITAN SOLID ROUND</b>								
4.50" (114,3 mm)	-	.25" (6,3 mm)	108-9198	-	-	-	X	X
4.50" (114,3 mm)	-	.30" (7,6 mm)	108-9199	-	-	-	X	X
4.50" (114,3 mm)	-	.35" (8,9 mm)	108-9200	-	-	-	X	X
4.50" (114,3 mm)	-	.40" (10,2 mm)	108-9201	-	-	-	X	X
4.50" (114,3 mm)	-	.50" (12,7 mm)	108-9202	-	-	-	X	X
4.50" (114,3 mm)	-	.60" (15,2 mm)	108-9203	-	-	-	X	X
5.50" (139,7 mm)	-	.25" (6,3 mm)	108-9204	-	-	-	X*	X
5.50" (139,7 mm)	-	.30" (7,6 mm)	108-9205	-	-	-	X*	X
5.50" (139,7 mm)	-	.35" (8,9 mm)	108-9206	-	-	-	X*	X
5.50" (139,7 mm)	-	.40" (10,2 mm)	108-9207	-	-	-	X*	X
5.50" (139,7 mm)	-	.50" (12,7 mm)	108-9208	-	-	-	X*	X
5.50" (139,7 mm)	-	.60" (15,2 mm)	108-9209	-	-	-	X*	X
5.50" (139,7 mm)	-	.75" (19,0 mm)	108-9244	-	-	-	X*	X

\*Only available on GA 30/60 models

## TITAN® TINES COMPETITIVE MODELS

### 3/4" (19.05 MM) MOUNT – CONTINUED

Length	Core Dia. (ID)	OD	Part Number	Wall	TITAN® Max		Competitive Model	
					Part Number	Core Dia. (ID)	Ryan® GA 24/30/60	John Deere®
<b>TITAN SOLID SLICING</b>								
4.50" (114,3 mm)	–	.75" (19,0 mm)	108-9239	–	–	–	X	X
5.50" (139,7 mm)	–	.75" (19,0 mm)	108-9240	–	–	–	X*	X
<b>TITAN CROSS</b>								
4.50" (114,3 mm)	–	.50" (12,7 mm)	108-9221	–	–	–	X	X
4.50" (114,3 mm)	–	.75" (19,0 mm)	108-9223	–	–	–	X	X
5.50" (139,7 mm)	–	.50" (12,7 mm)	108-9224	–	112-1313	–	X*	X
5.50" (139,7 mm)	–	.75" (19,0 mm)	108-9226	–	–	–	X*	X
<b>TITAN HOLLOW</b>								
4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	108-9190	.058" (1,5 mm)	–	–	X*	X
4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	108-9191	.058" (1,5 mm)	–	–	X*	X
5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	108-9192	.058" (1,5 mm)	108-9157	.48" (12,2 mm)	X*	X
5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	108-9193	.058" (1,5 mm)	–	–	X*	X
<b>TITAN SIDE EJECT</b>								
4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	108-9194	.058" (1,5 mm)	–	–	X*	X
4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	108-9195	.058" (1,5 mm)	–	–	X*	X
5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	108-9196	.058" (1,5 mm)	108-9188	.48" (12,2 mm)	X*	X
5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	108-9197	.058" (1,5 mm)	–	–	X*	X
<b>TITAN FAIRWAY HD</b>								
5.75" (146,0 mm)	.640" (16,3 mm)	.88" (22,2 mm)	108-9264	.122" (3,1 mm)	–	–	X*	X
5.75" (146,0 mm)	.640" (16,3 mm)	1.0" (25,4 mm)	108-9265	.122" (3,1 mm)	–	–	X*	X
<b>TITAN FAIRWAY</b>								
4.75" (120,6 mm)	16,3 mm (.640")	.88" (22,2 mm)	92-7941	.122" (3,1 mm)	–	–	X	X
5.75" (146,0 mm)	16,3 mm (.640")	.88" (22,2 mm)	92-7900	.122" (3,1 mm)	–	–	X*	X
5.75" (146,0 mm)	16,3 mm (.640")	1.0" (25,4 mm)	104-9877	.120" (3,0 mm)	–	–	X*	X
<b>CLASSIC</b>								
4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	62-4600	.065" (1,7 mm)	–	–	X*	X
5.75" (146,0 mm)	.60" (15,2 mm)	.75" (19,0 mm)	86-9720	.065" (1,7 mm)	–	–	X*	X
<b>TITAN SOLID ROUND</b>								
5.50" (139,7 mm)	–	.75" (19,0 mm)	108-9246	–	–	–	X*	X
5.50" (139,7 mm)	–	.88" (22,2 mm)	108-9247	–	–	–	X*	X
<b>TITAN SOLID SLICING</b>								
5.50" (139,7 mm)	–	.75" (19,0 mm)	108-9242	–	–	–	X*	X
<b>TITAN CROSS</b>								
5.50" (139,7 mm)	–	.88" (22,2 mm)	108-9259	–	–	–	X*	X

\*Only available on GA 30/60 models







## QUICK REFERENCE

Mount	Length	ID	OD	Wall Thickness	Part Number	Titan® Max Part Number
<b>TITAN Quad and Max Quad</b>						
1/2" (12,7 mm)	4.50" (114,3 mm)	.32" (8,3 mm)	.46" (11,6 mm)	.063" (1,6 mm)	112-1316	-
3/8" (9,5 mm)	4.50" (114,3 mm)	.25" (6,3 mm)	.36" (9,1 mm)	.052" (1,3 mm)	108-9104	108-9112
3/8" (9,5 mm)	4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	108-9105	108-9114
3/8" (9,5 mm)	4.50" (114,3 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	108-9106	108-9116
3/8" (9,5 mm)	4.50" (114,3 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	108-9293	-
3/8" (9,5 mm)	5.00" (127,0 mm)	.25" (6,3 mm)	.55" (14,0 mm)	.052" (1,3 mm)	138-5937	108-9120
3/8" (9,5 mm)	5.00" (127,0 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	137-6526	108-9122
3/8" (9,5 mm)	5.00" (127,0 mm)	.41" (10,3 mm)	.55" (13,9 mm)	.063" (1,6 mm)	137-6527	108-9124
3/8" (9,5 mm)	5.00" (127,0 mm)	.48" (12,2 mm)	.58" (14,7 mm)	.049" (1,2 mm)	137-6529	-
3/8" (9,5 mm)	5.50" (139,7 mm)	.41" (10,3 mm)	.58" (14,7 mm)	.063" (1,6 mm)	108-9290	-
5/8" (15,9 mm)	4.50" (114,3 mm)	.32" (8,1 mm)	.46" (11,6 mm)	.063" (1,6 mm)	112-1332	112-1338
<b>TITAN Hollow and Max Hollow</b>						
3/4" (19,0 mm)	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9128	108-9139
3/4" (19,0 mm)	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9129	108-9141
3/4" (19,0 mm)	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9130	108-9143
3/4" (19,0 mm)	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9132	-
3/4" (19,0 mm)	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9133	108-9147
3/4" (19,0 mm)	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9134	108-9149
3/4" (19,0 mm)	6.50" (165,1 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9138	108-9135
3/4" (19,0 mm)	6.50" (165,1 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9136	108-9151
3/4" (19,0 mm)	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9137	108-9153
7/8" (22,2 mm)	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9190	-
7/8" (22,2 mm)	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9191	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9192	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9193	-
<b>TITAN Hollow Extended Taper and Max Extended Taper</b>						
3/4" (19,0 mm)	5.75" (146,0 mm)	.47" (11,9 mm)	.68" (17,3 mm)	.058" (1,5 mm)	114-0553	-
3/4" (19,0 mm)	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0551	114-0553
3/4" (19,0 mm)	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0550	-
<b>TITAN Side Eject and Max Side Eject</b>						
3/4" (19,0 mm)	4.75" (120,6 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9159	108-9170
3/4" (19,0 mm)	4.75" (120,6 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9160	108-9172
3/4" (19,0 mm)	4.75" (120,6 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9161	108-9174
3/4" (19,0 mm)	5.75" (146,0 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9163	108-9176
3/4" (19,0 mm)	5.75" (146,0 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9164	108-9178
3/4" (19,0 mm)	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9165	108-9180
3/4" (19,0 mm)	6.50" (165,1 mm)	.28" (7,1 mm)	.46" (11,7 mm)	.058" (1,5 mm)	108-9162	108-9166
3/4" (19,0 mm)	6.50" (165,1 mm)	.41" (10,3 mm)	.56" (14,2 mm)	.058" (1,5 mm)	108-9167	108-9182
3/4" (19,0 mm)	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9168	108-9184
5/8" (15,9 mm)	4.50" (114,3 mm)	.43" (12,7 mm)	.56" (14,2 mm)	.058" (1,5 mm)	112-1303	-
7/8" (22,2 mm)	4.75" (120,6 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9194	-
7/8" (22,2 mm)	4.75" (120,6 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9195	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.51" (13,0 mm)	.66" (16,8 mm)	.058" (1,5 mm)	108-9196	108-9188
7/8" (22,2 mm)	5.75" (146,0 mm)	.63" (16,0 mm)	.76" (19,3 mm)	.058" (1,5 mm)	108-9197	-
<b>TITAN Side Eject Extended Taper and Extended Taper Max</b>						
3/4" (19,0 mm)	5.75" (146,0 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0555	114-0557
3/4" (19,0 mm)	6.50" (165,1 mm)	.53" (13,4 mm)	.66" (16,8 mm)	.058" (1,5 mm)	114-0558	114-0560

## QUICK REFERENCE

Mount	Length	ID	OD	Wall Thickness	Part Number	Titan® Max Part Number
<b>Toro Classic Hollow</b>						
3/4" (19,0 mm)	4.75" (120,6 mm)	.40" (10,2 mm)	.50" (12,7 mm)	.049" (1,2 mm)	66-9140	-
3/4" (19,0 mm)	4.75" (120,6 mm)	.50" (12,7 mm)	.63" (15,9 mm)	.049" (1,2 mm)	59-3670	-
3/4" (19,0 mm)	5.75" (146,0 mm)	.51" (12,9 mm)	.63" (15,9 mm)	.058" (1,5 mm)	104-0984	-
3/4" (19,0 mm)	6.50" (165,1 mm)	.39" (9,9 mm)	.66" (16,8 mm)	.058" (1,5 mm)	105-1180	-
7/8" (22,2 mm)	4.75" (120,6 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	62-4600	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.60" (15,2 mm)	.75" (19,0 mm)	.065" (1,7 mm)	86-9720	-
<b>TITAN Fairway</b>						
3/4" (19,0 mm)	5.75" (146,0 mm)	.51" (12,9 mm)	.77" (19,6 mm)	.120" (3,0 mm)	104-9876	-
3/4" (19,0 mm)	5.75" (146,0 mm)	.51" (12,9 mm)	.88" (22,4 mm)	.120" (3,0 mm)	104-9875	-
7/8" (22,2 mm)	4.75" (120,6 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7941	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	92-7900	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.64" (16,1 mm)	1.0" (25,4 mm)	.120" (3,0 mm)	104-9877	-
<b>TITAN HD Fairway</b>						
3/4" (19,0 mm)	5.75" (146,0 mm)	.51 (12,95 mm)	.77" (19,6 mm)	.120" (3,0 mm)	108-9260	-
3/4" (19,0 mm)	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	108-9261	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.122" (3,1 mm)	108-9264	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.64" (16,1 mm)	1.0" (25,4 mm)	.122" (3,1 mm)	108-9265	-
<b>TITAN Split Tine</b>						
3/4" (19,0 mm)	5.75" (146,0 mm)	.51 (12,95 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5121	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.64" (16,1 mm)	.88" (22,4 mm)	.120" (3,0 mm)	112-5122	-
7/8" (22,2 mm)	5.75" (146,0 mm)	.64" (16,1 mm)	.92" (23,4 mm)	.120" (3,0 mm)	112-5123	-
<b>TITAN Solid Round</b>						
1/2" (12,7 mm)	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	112-1347	-
1/2" (12,7 mm)	5.00" (127,0 mm)	-	.25" (6,3 mm)	-	112-1329	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9198	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9199	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.35" (8,9 mm)	-	108-9200	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.40" (10,2 mm)	-	108-9201	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9202	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.60" (15,2 mm)	-	108-9203	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.25" (6,3 mm)	-	108-9204	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.30" (7,6 mm)	-	108-9205	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.35" (8,9 mm)	-	108-9206	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.40" (10,2 mm)	-	108-9207	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9208	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.60" (15,2 mm)	-	108-9209	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9244	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.30" (7,6 mm)	-	108-9210	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.35" (8,9 mm)	-	108-9211	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.40" (10,2 mm)	-	108-9212	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.50" (12,7 mm)	-	108-9213	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.60" (15,2 mm)	-	108-9214	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9245	-
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.20" (5,1 mm)	-	108-9230	-
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.25" (6,3 mm)	-	108-9231	-
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.30" (7,6 mm)	-	108-9232	-
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.38" (9,7 mm)	-	108-9233	-
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.20" (5,1 mm)	-	108-9234	-
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.25" (6,3 mm)	-	108-9235	-
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.30" (7,6 mm)	-	108-9236	-
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.38" (9,7 mm)	-	108-9237	-
5/8" (15,9 mm)	4.50" (114,3 mm)	-	.63" (15,9 mm)	-	112-1348	-
7/8" (22,2 mm)	5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9246	-
7/8" (22,2 mm)	5.50" (139,7 mm)	-	.88" (22,2 mm)	-	108-9247	-
7/8" (22,2 mm)	6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9248	-
7/8" (22,2 mm)	6.50" (165,1 mm)	-	.88" (22,2 mm)	-	108-9249	-

## QUICK REFERENCE

Mount	Length	ID	OD	Wall Thickness	Part Number	Titan® Max Part Number
<i>TITAN Solid Slicing</i>						
1/2" (12,7 mm)	5.00" (127,0 mm)	-	.63" (15,9 mm)	-	112-5102	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.75" (19,0 mm)	-	108-9239	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9240	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9241	-
3/8" (9,5 mm)	5.00" (127,0 mm)	-	.63" (15,9 mm)	-	108-9238	-
5/8" (15,9 mm)	5.00" (127,0 mm)	-	.63" (15,9 mm)	-	112-5103	-
7/8" (22,2 mm)	5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9242	-
7/8" (22,2 mm)	6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9243	-
<i>TITAN Cross and Max Cross</i>						
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9221	-
3/4" (19,0 mm)	4.50" (114,3 mm)	-	.75" (19,0 mm)	-	108-9223	-
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9224	112-1313
3/4" (19,0 mm)	5.50" (139,7 mm)	-	.75" (19,0 mm)	-	108-9226	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.50" (12,7 mm)	-	108-9227	112-1314
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.62" (15,7 mm)	-	108-9228	-
3/4" (19,0 mm)	6.50" (165,1 mm)	-	.75" (19,0 mm)	-	108-9229	-
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.38" (9,5 mm)	-	108-9215	-
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.50" (12,7 mm)	-	108-9216	112-1310
3/8" (9,5 mm)	4.50" (114,3 mm)	-	.62" (15,7 mm)	-	108-9217	-
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.38" (9,5 mm)	-	108-9218	-
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.50" (12,7 mm)	-	108-9219	112-1311
3/8" (9,5 mm)	5.50" (139,7 mm)	-	.62" (15,7 mm)	-	108-9220	-
7/8" (22,2 mm)	5.50" (139,7 mm)	-	.88" (22,2 mm)	-	108-9259	-
<i>TITAN Needle</i>						
Needle	6.43" (163,3 mm)	-	.188" (4,8 mm)	-	100-3620	-
Needle	7.38" (187,45 mm)	-	.313" (7,9 mm)	-	100-3621	-
Needle	5.43" (137,9 mm)	-	5,0 mm	-	100-3319	-

Mount	Length	ID	OD	Wall Thickness	Part Number	Titan® Max Part Number
<i>ProCore SR Series Deep Tine Aerators</i>						
5/16" (7,9 mm)	10.00" (254,0 mm)	-	.31" (7,9 mm)	-	SGS08313	-
5/16" (7,9 mm)	8.50" (215,9 mm)	-	.31" (7,9 mm)	-	SGS07313	-
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	-	139-8620	-
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	-	139-8624	-
12,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.81" (20,6 mm)	-	139-8613	-
12,0 mm	10.75" (273,1 mm)	-	.47" (12,0 mm)	-	SGS10504	-
12,0 mm	12.25" (311,2 mm)	-	.47" (12,0 mm)	-	SGS10500	-
12,0 mm	14.25" (361,9 mm)	-	.47" (12,0 mm)	-	SGS12500	-
12,0 mm	16.25" (412,8 mm)	-	.47" (12,0 mm)	-	SGS14500	-
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	-	139-8623	-
12,0 mm	7.00" (177,8 mm)	.52" (13,2 mm)	.69" (17,4 mm)	-	139-8614	-
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	-	139-8625	-
12,0 mm	7.00" (177,8 mm)	.56" (14,2 mm)	.81" (20,7 mm)	-	139-8615	-
12,0 mm	8.00" (203,2 mm)	-	.47" (12,0 mm)	-	SGS08500	-
18,0 mm	10.00" (254,0 mm)	.56" (14,2 mm)	.75" (19,0 mm)	-	139-8623	-
18,0 mm	10.00" (254,0 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	-	139-8617	-
18,0 mm	10.00" (254,0 mm)	.76" (19,3 mm)	1.00" (25,4 mm)	-	139-8619	-
18,0 mm	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	-	139-8627	-
18,0 mm	12.25" (311,2 mm)	-	.71" (18,0 mm)	-	SGS10750	-
18,0 mm	12.50" (317,5 mm)	-	.88" (22,2 mm)	-	SGS10875	-
18,0 mm	14.00" (355,6 mm)	-	.88" (22,2 mm)	-	SGS12875	-
18,0 mm	14.25" (361,9 mm)	-	.71" (18,0 mm)	-	SGS12750	-
18,0 mm	16.00" (406,4 mm)	-	.88" (22,2 mm)	-	SGS14875	-
18,0 mm	16.25" (412,8 mm)	-	.71" (18,0 mm)	-	SGS14750	-
18,0 mm	8.00" (203,2 mm)	.74" (18,8 mm)	1.06" (26,9 mm)	-	139-8628	-
18,0 mm	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	-	139-8622	--
3/8" (9,5 mm)	10.75" (273,1 mm)	-	.38" (9,5 mm)	-	SGS10374	-
3/8" (9,5 mm)	12.25" (311,2 mm)	-	.38" (9,5 mm)	-	SGS10375	-
3/8" (9,5 mm)	5.50" (139,7 mm)	.38" (9,5 mm)	.50" (12,7 mm)	-	139-8618	-
3/8" (9,5 mm)	9.00" (228,6 mm)	-	.38" (9,5 mm)	-	SGS08375	-
7/8" (22,2 mm)	12.00" (304,8 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	-	139-8621	-
7/8" (22,2 mm)	12.50" (317,5 mm)	-	.88" (22,2 mm)	-	SGS10876	-
7/8" (22,2 mm)	14.00" (355,6 mm)	-	.88" (22,2 mm)	-	SGS12876	-
7/8" (22,2 mm)	17.88" (454,2 mm)	-	1.00" (25,4 mm)	-	SGS16100	-
7/8" (22,2 mm)	8.00" (203,2 mm)	.94" (23,9 mm)	1.31" (33,3 mm)	-	139-8626	-



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toro.com  
Worldwide Headquarters  
The Toro Company  
8111 Lyndale Ave. So.  
Bloomington, MN 55420 U.S.A.  
Phone: (1) 952 888 8801  
Fax: (1) 952 887 8258

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