TORO® TITAN® TINES CATALOG | 2017-2018

TORO®

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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
Toro Classic	Standard durable heat treated tip	Good	Good quality in most turf conditions	Thin wall delivers durability and exceptional performance
TITAN	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
TITAN Max	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
TITAN Fairway	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
TITAN HD Fairway	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

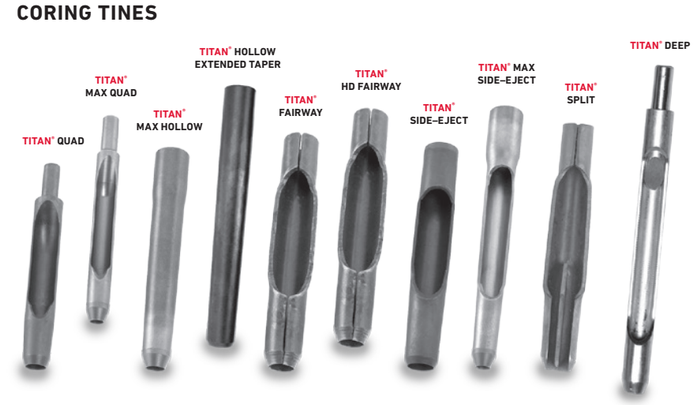
Toro® has about every possible tine you can imagine for the changing seasons and your most demanding turf conditions. TITAN® Tines offer superior quality to provide your grounds the best possible care.

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!

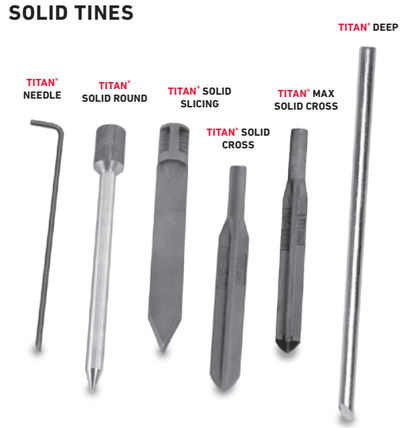
TORO TITAN TINES OFFER

- 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
- A tough design, maintaining consistent aeration depth and reducing costly change outs
- 4130/4140 strong alloy combined with unique heat treat process, maximizing strength and resistance to wear
- Durable brazed tip joints for strong bond and resistance to separation and breakage (TITAN Max)

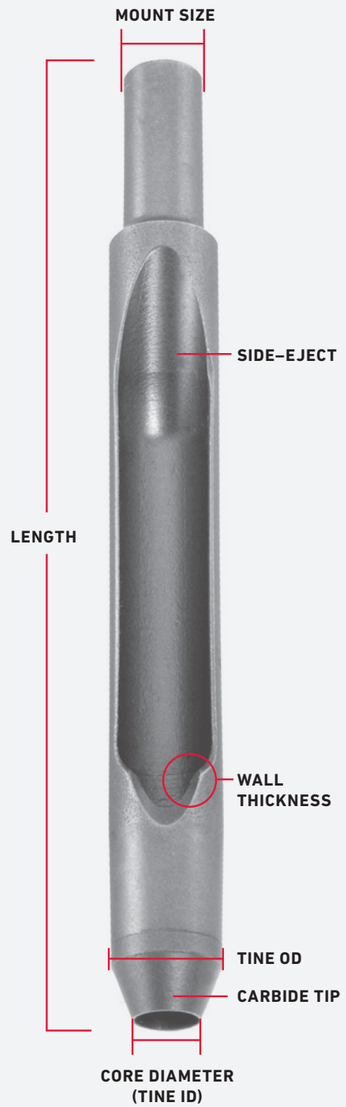
CORING TINES



SOLID TINES



SELECTION & MEASUREMENT

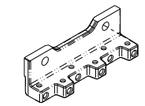


U.S. STANDARD SIZES

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

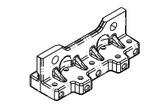
Prices subject to change without notice.
Prices subject to change without notice.

PROCORE® 648/864/1298 (See pages 7–16)



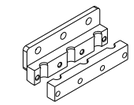
QUAD TINE HEAD (1x6)

Tine Mount	3/8"
Qty. of Tines	6



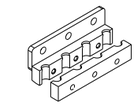
QUAD TINE HEAD (2x5)

Tine Mount	3/8"
Qty. of Tines	10



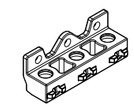
3/4" 3–TINE HEAD

Tine Mount	3/4"
Qty. of Tines	3



3/4" 4–TINE HEAD

Tine Mount	3/4"
Qty. of Tines	4

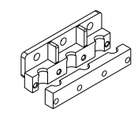


QUICKCHANGE 3–TINE HEAD

Tine Mount	3/8" or 7/8"
Qty. of Tines	3

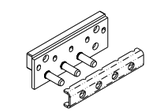
QUICKCHANGE 4–TINE HEAD

Tine Mount	3/8" or 7/8"
Qty. of Tines	4



7/8" 3–TINE HD HEAD

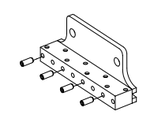
Tine Mount	7/8"
Qty. of Tines	3



NEEDLE TINE HEAD

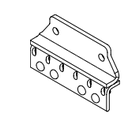
Tine Mount	Needle
Qty. of Tines	5

PROCORE 440/660/880 (See pages 17–20)



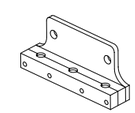
QUAD TINE HEAD (1x6)

Tine Mount	3/8"
Qty. of Tines	8



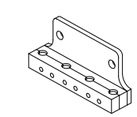
NEEDLE TINE HEAD

Tine Mount	Needle
Qty. of Tines	6



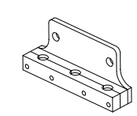
3/4" 3–TINE HEAD

Tine Mount	3/4"
Qty. of Tines	3



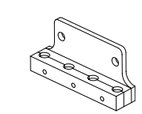
3/4" 4–TINE HEAD

Tine Mount	3/4"
Qty. of Tines	4



7/8" 3–TINE HEAD

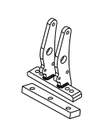
Tine Mount	7/8"
Qty. of Tines	3



7/8" 4–TINE HEAD

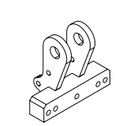
Tine Mount	7/8"
Qty. of Tines	4

PROCORE SR SERIES (See pages 29–37)



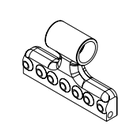
SR54–S / SR70–S

Tine Mount	5/16" or 12mm
Qty. of Tines	3 or 4



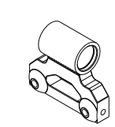
SR54 / SR70

Tine Mount	5/16" or 12mm
Qty. of Tines	2 or 3



SR48 / SR72

Tine Mount	5/16" or 12mm
Qty. of Tines	3 or 4



SR75

Tine Mount	5/16" or 12mm
Qty. of Tines	2 or 3

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.	LATERAL SPACING	FORWARD SPACING OPTIONS
ProCore® 648 Model 09200 ProCore 864/1298 Models 09715, 09716	Needle Tine Head	09739	1.60	1.5, 2.0, 2.5
	Quad Tine Head, 2 rows of 5	09736	1.60	2.5
	Quad Tine Head, 1 rows of 6	09737	1.30	1.5, 2.0, 2.5, 3.0
	3 Tine, 3/4" Mount Head	09794	2.60	1.5, 2.0, 2.5, 3.0
	4 Tine, 3/4" Mount Head	09796	2.00	1.5, 2.0, 2.5, 3.0
	3 Tine HD, 7/8" Mount Head	09797	2.60	1.5, 2.0, 2.5, 3.0
	4 Tine Titan QuickChange	09719	2.00	1.5, 2.0, 2.5, 3.0
	3 Tine Titan QuickChange	09711	2.60	1.5, 2.0, 2.5, 3.0
ProCore 440/660/880 Models 09701, 09702	Needle Tine Head 660/880	09720	1.20	1.5, 2.0, 2.5
	Needle Tine Head 660/880	09720	1.20	1.5, 2.0, 2.5
	Quad Tine Head	09721	1.20	1.5, 2.0, 2.5
	3 Tine, 3/4" Mount Head	09722	3.20	2.0, 2.5, 3.0, 3.5, 4.0, 4.5
	4 Tine, 3/4" Mount Head	09723	2.40	2.0, 2.5, 3.0, 3.5, 4.0, 4.5
	3 Tine, 7/8" Mount Head	09733	3.20	2.0, 2.5, 3.0, 3.5, 4.0, 4.5
	4 Tine, 7/8" Mount Head	09734	2.40	2.0, 2.5, 3.0, 3.5, 4.0, 4.5
Toro Greens Aerator Models 09110, 09120	3/4" Head	59-2500	2.25	2.5
	7/8" Head	62-4610	2.25	2.5
	Needle Head	94-3421	2.25	2.5
	3/8" Head	94-3420	2.25	2.5
Toro Fairway Aerator Models 09500, 09501, 09502			3.50	3.0, 6.0
			5.25	3.0, 6.0

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

Prices subject to change without notice.

DETERMINE THE SURFACE AREA AFFECTED & MATERIAL REMOVED

STEP ONE
FIND HOLES PER SQUARE FOOT

If you know your lateral and forward spacing — See the Holes Per Square Foot chart.

If you are not sure of your forward and lateral spacing, but know your aerator model number use the Preparing for Step One chart on the previous page and pick your spacing options. This table will also help you determine the proper turf holder based on your tine configuration.

Step One Example:
- Lateral Spacing = 2.00
- Forward Spacing = 2.00
- Holes Per Square Foot = 36.00

	Forward Spacing (inches)								
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	6.0
LATERAL SPACING (INCHES)	HOLE PER SQUARE FOOT								
1.20	120.0	80.0	60.0	48.0	40.0	34.3	30.0	26.7	-
1.33	-	72.0	54.1	43.3	36.0	-	-	-	-
1.6	-	-	-	72.0	-	-	-	-	-
2.00	72.0	48.0	36.0	28.8	24.0	-	-	-	-
2.25	-	-	-	25.6	-	-	-	-	-
2.4	60.0	40.0	30.0	24.0	20.0	17.1	15.0	13.3	-
2.5	57.6	38.4	28.8	23.0	19.2	-	-	-	-
3.2	45.0	30.0	22.5	18.0	15.0	12.9	11.3	10.0	-
3.5	-	-	-	-	13.7	-	-	-	-
5.25	-	-	-	-	-	-	-	-	4.6

STEP TWO
DETERMINE TOTAL SURFACE AREA AND VOLUME OF SOIL REMOVED

Take your holes per square foot, core diameter (ID), and the depth* at which you are aerating.

Step Two Example:
- Holes Per Square Feet = 36.00
- Core Diameter = .300"
- Depth = 3.0
- Percent Surface Area Affected = 1.77%
- Volume Removed = 4.42 cu-ft per 1,000 sq/ft

Percent of Surface Area Affected
Risk of Turf Damage
Volume Removed, Cubic Foot Per 1000 Sq. Ft.
Higher Risk of Turf Damage

CORE DIAMETER AND DEPTH		HOLES PER SQUARE FOOT (DETERMINED IN STEP ONE)																															
		4.6	10.0	11.3	12.9	13.3	13.7	15.0	17.1	18.0	19.2	20.0	22.5	23.0	24.0	25.6	26.7	28.8	30.0	34.3	36.0	38.4	40.0	43.3	45.0	48.0	54.1	57.6	60.0	72.0	80.0	120.0
Core Dia.	Depth*	0.10%	0.22%	0.25%	0.28%	0.29%	0.30%	0.33%	0.37%	0.39%	0.42%	0.44%	0.49%	0.50%	0.52%	0.56%	0.58%	0.63%	0.65%	0.75%	0.79%	0.84%	0.87%	0.94%	0.98%	1.05%	1.18%	1.26%	1.31%	1.57%	1.75%	2.62%
0.200	1.5	0.12	0.27	0.31	0.35	0.36	0.37	0.41	0.47	0.49	0.52	0.55	0.61	0.63	0.65	0.70	0.73	0.79	0.82	0.93	0.98	1.05	1.09	1.18	1.23	1.31	1.48	1.57	1.64	1.96	2.18	3.27
	2.0	0.17	0.36	0.41	0.47	0.48	0.50	0.55	0.62	0.65	0.70	0.73	0.82	0.84	0.87	0.93	0.97	1.05	1.09	1.25	1.31	1.40	1.45	1.57	1.64	1.75	1.97	2.09	2.18	2.62	2.91	4.3
	2.5	0.21	0.45	0.51	0.58	0.61	0.62	0.68	0.78	0.82	0.87	0.91	1.02	1.05	1.09	1.16	1.21	1.31	1.36	1.56	1.64	1.75	1.82	1.97	2.05	2.18	2.48	2.62	2.73	3.27	3.64	5.45
	3.0	0.25	0.55	0.61	0.70	0.73	0.75	0.82	0.93	0.98	1.05	1.09	1.23	1.26	1.31	1.40	1.45	1.57	1.64	1.87	1.96	2.09	2.18	2.38	2.45	2.62	2.95	3.14	3.27	3.93	4.36	6.54
	3.5	0.29	0.64	0.72	0.82	0.85	0.87	0.95	1.09	1.15	1.22	1.27	1.43	1.47	1.53	1.63	1.70	1.83	1.91	2.18	2.29	2.44	2.55	2.78	2.86	3.05	3.44	3.67	3.82	4.58	5.09	7.64
	4.0	0.33	0.73	0.82	0.93	0.97	1.00	1.09	1.25	1.31	1.40	1.45	1.64	1.68	1.75	1.86	1.94	2.09	2.18	2.49	2.62	2.79	2.91	3.15	3.27	3.49	3.94	4.19	4.36	5.24	5.82	8.73
		0.22%	0.49%	0.55%	0.63%	0.65%	0.67%	0.74%	0.84%	0.88%	0.94%	0.98%	1.10%	1.13%	1.18%	1.26%	1.31%	1.41%	1.47%	1.68%	1.77%	1.88%	1.96%	2.13%	2.21%	2.36%	2.66%	2.83%	2.95%	3.53%	3.93%	5.89%
0.300	1.5	0.28	0.61	0.69	0.79	0.82	0.84	0.92	1.05	1.10	1.18	1.23	1.38	1.41	1.47	1.57	1.64	1.77	1.84	2.10	2.21	2.36	2.45	2.66	2.76	2.95	3.32	3.53	3.68	4.42	4.91	7.36
	2.0	0.37	0.82	0.92	1.05	1.09	1.12	1.23	1.40	1.47	1.57	1.64	1.84	1.88	1.96	2.09	2.18	2.36	2.45	2.80	2.95	3.14	3.27	3.54	3.68	3.93	4.43	4.71	4.91	5.89	6.54	9.82
	2.5	0.47	1.02	1.15	1.31	1.36	1.40	1.53	1.75	1.84	1.96	2.05	2.30	2.36	2.45	2.62	2.73	2.95	3.07	3.51	3.68	3.93	4.09	4.43	4.60	4.91	5.54	5.89	6.14	7.36	8.18	12.27
	3.0	0.56	1.23	1.38	1.58	1.64	1.68	1.84	2.10	2.21	2.36	2.45	2.76	2.83	2.95	3.14	3.27	3.53	3.68	4.21	4.42	4.71	4.91	5.31	5.52	5.89	6.64	7.07	7.36	8.84	9.82	14.73
	3.5	0.65	1.43	1.61	1.84	1.91	1.96	2.15	2.45	2.58	2.75	2.86	3.22	3.30	3.44	3.67	3.82	4.12	4.30	4.91	5.15	5.50	5.73	6.20	6.44	6.87	7.75	8.25	8.59	10.31	11.45	17.18
	4.0	0.75	1.64	1.84	2.10	2.18	2.24	2.45	2.80	2.95	3.14	3.27	3.68	3.77	3.93	4.19	4.36	4.71	4.91	5.61	5.89	6.28	6.54	7.09	7.36	7.85	8.86	9.42	9.82	11.78	13.09	19.63
		0.40%	0.87%	0.98%	1.12%	1.16%	1.20%	1.31%	1.50%	1.57%	1.68%	1.75%	1.96%	2.01%	2.09%	2.23%	2.33%	2.51%	2.62%	2.99%	3.14%	3.35%	3.49%	3.78%	3.93%	4.19%	4.72%	5.03%	5.24%	6.28%	6.98%	10.47%
0.400	1.5	0.50	1.09	1.23	1.40	1.45	1.50	1.64	1.87	1.96	2.09	2.18	2.45	2.51	2.62	2.79	2.91	3.14	3.27	3.74	3.93	4.19	4.36	4.72	4.91	5.24	5.91	6.28	6.54	7.85	8.73	13.09
	2.0	0.66	1.45	1.64	1.87	1.94	1.99	2.18	2.49	2.62	2.79	2.91	3.27	3.35	3.49	3.72	3.88	4.19	4.36	4.99	5.24	5.59	5.82	6.30	6.54	6.98	7.87	8.38	8.73	10.47	11.64	17.45
	2.5	0.83	1.82	2.05	2.34	2.42	2.49	2.73	3.12	3.27	3.49	3.64	4.09	4.19	4.36	4.65	4.85	5.24	5.45	6.23	6.54	6.98	7.27	7.87	8.18	8.73	9.84	10.47	10.91	13.09	14.54	21.82
	3.0	1.00	2.18	2.45	2.80	2.91	2.99	3.27	3.74	3.93	4.19	4.36	4.91	5.03	5.24	5.59	5.82	6.28	6.54	7.48	7.85	8.38	8.73	9.45	9.82	10.47	11.81	12.57	13.09	15.71	17.45	26.18
	3.5	1.16	2.55	2.86	3.27	3.39	3.49	3.82	4.36	4.58	4.89	5.09	5.73	5.86	6.11	6.52	6.79	7.33	7.64	8.73	9.16	9.77	10.18	11.02	11.45	12.22	13.78	14.66	15.27	18.33	20.36	30.54
	4.0	1.33	2.91	3.27	3.74	3.88	3.99	4.36	4.99	5.24	5.59	5.82	6.54	6.70	6.98	7.45	7.76	8.38	8.73	9.97	10.47	11.17	11.64	12.6	13.09	13.96	15.75	16.76	17.45	20.94	23.27	34.91
		0.62%	1.36%	1.53%	1.75%	1.82%	1.87%	2.05%	2.34%	2.45%	2.62%	2.73%	3.07%	3.14%	3.27%	3.49%	3.64%	3.93%	4.09%	4.67%	4.91%	5.24%	5.45%	6.91%	6.14%	6.54%	7.38%	7.85%	8.18%	9.82%	10.91%	16.36%
0.500	1.5	0.78	1.70	1.92	2.19	2.27	2.34	2.56	2.92	3.07	3.27	3.41	3.83	3.93	4.09	4.36	4.55	4.91	5.11	5.84	6.14	6.54	6.82	7.38	7.67	8.18	9.23	9.82	10.23	12.27	13.64	20.45
	2.0	1.04	2.27	2.56	2.92	3.03	3.12	3.41	3.90	4.09	4.36	4.55	5.11	5.24	5.45	5.82	6.06	6.54	6.82	7.79	8.18	8.73	9.09	9.84	10.23	10.91	12.3	13.09	13.64	16.36	18.18	27.27
	2.5	1.30	2.84	3.20	3.65	3.79	3.90	4.26	4.87	5.11	5.45	5.68	6.39	6.54	6.82	7.27	7.58	8.18	8.52	9.74	10.23	10.91	11.36	12.30	12.78	13.64	15.38	16.36	17.04	20.45	22.73	34.09
	3.0	1.56	3.41	3.83	4.38	4.55	4.67	5.11	5.84	6.14	6.54	6.82	7.67	7.85	8.18	8.73	9.09	9.82	10.23	11.69	12.27	13.09	13.64	14.76	15.34	16.36	18.45	19.63	20.45	24.54	27.27	40.91
	3.5	1.82	3.98	4.47	5.11	5.30	5.45	5.97	6.82	7.16	7.64	7.95	8.95	9.16	9.54	10.18	10.61	11.45	11.93	13.64	14.32	15.27	15.91	17.22	17.90	19.09	21.53	22.91	23.86	28.63	31.82	47.72
	4.0	2.08	4.55	5.11	5.84	6.06	6.23	6.82	7.79	8.18	8.73	9.09	10.23	10.47	10.91	11.64	12.12	13.09	13.64	15.58	16.36	17.45	18.18	19.88	20.45	21.82	24.61	26.18	27.27	32.72	36.36	54.54
		0.90%	1.96%	2.21%	2.52%	2.62%	2.69%	2.95%	3.37%	3.53%	3.77%	3.93%	4.42%	4.52%	4.71%	5.03%	5.24%	5.65%	5.89%	6.73%	7.07%	7.54%	7.85%	8.50%	8.84%	9.42%	10.63%	11.31%	11.78%	14.14%	15.71%	23.56%
0.600	1.5	1.12	2.45	2.76	3.16	3.27	3.37	3.68	4.21	4.42	4.71	4.91	5.52	5.65	5.89	6.28	6.54	7.07	7.36	8.41	8.84	9.42	9.82	10.63	11.04	11.78	13.29	14.14	14.73	17.67	19.63	29.45
	2.0	1.50	3.27	3.68	4.21	4.36	4.49	4.91	5.61	5.89	6.28	6.54	7.36	7.54	7.85	8.38	8.73	9.42	9.82	11.22	11.78	12.57	13.09	14.17	14.73	15.71	17.72	18.85	19.63	23.56	26.18	39.27
	2.5	1.87	4.09	4.60	5.26	5.45	5.61	6.14	7.01	7.36	7.85	8.18	9.20	9.42	9.82	10.47	10.91	11.78	12.27	14.02	14.73	15.71	16.36	17.72	18.41	19.63	22.14	23.56	24.54	29.45	32.72	49.09
	3.0	2.24	4.91	5.52	6.31	6.54	6.73	7.36	8.41	8.84	9.42	9.82	11.04	11.31	11.78	12.57	13.09	14.14	14.73	16.83	17.67	18.85	19.63	21.26	22.09	23.56	26.57	28.27	29.45	35.34	39.27	58.90
	3.5	2.62	5.73	6.44	7.36	7.64	7.85	8.59	9.82	10.31	11.00	11.45	12.89	13.19	13.74	14.66	15.27	16.49	17.18	19.63	20.62	21.99	22.91	24.8	25.77	27.49	31.00	32.99	34.36	41.23	45.81	68.72
	4.0	2.99	6.54	7.36	8.41	8.73	8.98	9.82	11.22	11.78	12.57	13.09	14.73	15.08	15.71	16.76	17.45	18.85	19.63	22.44	23.56	25.13	26.18	28.35	29.45	31.42	35.43	37.70	39.27	47.12	52.36	78.54
		1.22%	2.67%	3.01%	3.44%	3.56%	3.67%	4.01%	4.58%	4.81%	5.13%	5.35%	6.01%	6.16%	6.41%	6.84%	7.13%	7.70%	8.02%	9.16%	9.62%	10.26%	10.69%	11.57%	12.03%	12.83%	14.47%	15.39%	16.04%	19.24%	21.38%	32.07%
0.700	3.0	3.05	6.68	7.52	8.59	8.91	9.16	10.02	11.45	12.03	12.83	13.36	15.03	15.39	16.04	17.10	17.82	19.24	20.04	22.91	24.05	25.66	26.73	28.94	30.07	32.07	36.17	38.48	40.09	48.11	53.45	80.18
	3.5	3.56	7.79	8.77	10.02	10.39	10.69	11.69	13.36	14.03	14.97	15.59	17.54	17.96	18.71	19.95	20.79	22.45	23.38	26.73	28.06	29.93	31.18	33.76	35.08	37.42	42.20	44.90	46.77	56.12	62.36	93.54
	4.0	4.07	8.91	10.02	11.45	11.88	12.22	13.36	15.27	16.04	17.10	17.82	20.04	20.53	21.38	22.81	23.76	25.66	26.73	30.54	32.07	34.21	35.63	38.58	40.09	42.76	48.23	51.31	53.45	64.14	71.27	106.90
	4.5	4.58	10.02	11.27	12.89	13.36	13.74	15.03	17.18	18.04	19.24	20.04	22.55	23.09	24.05	25.66	26.73	28.86	30.07	34.36	36.08	38.48	40.09	43.40	45.10	48.11	54.25	57.73	60.13	72.16	80.18	120.26
	5.0	5.09	11.14	12.53	14.32	14.85	15.27	16.70	19.09	20.04	21.38	22.27	25.06	25.66	26.73	28.51	29.69	32.07	33.41	38.18	40.09	42.76	44.54	48.23	50.11	53.45	60.28	64.14	66.81	80.18	89.08	133.63

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

PROCORE® 648

FEATURES & BENEFITS

- 48 inch wide aeration swath
- TrueCore™ ground following system
- Inside wheel placement
- Precision balanced head drive
- RotaLink™ tine guide mechanism
- Series/Parallel 3-wheel drive

The ProCore 648 is an innovative walking aerator from Toro. The rear wheels are within the 48" aeration swath of the machine so the tires are not running over freshly aerated turf. This eliminates the problem of smashing the cores into the holes, preventing topdressing from filling the holes. And easier cleanup produces a savings of time and labor.

TINE SELECTION CHART BENEFITS:

- 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.

HELPING GOLF COURSE SUPERINTENDENTS AND GROUNDSKEEPERS EXCEL.

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

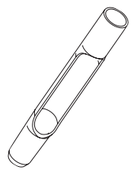
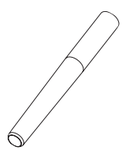
3/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Core ID
TITAN QUAD						*QUAD MAX*	
	4.50"	.25"	.36"	.052"	108–9104	108–9112	.23"
	4.50"	.32"	.46"	.063"	108–9105	108–9114	.28"
	4.50"	.41"	.55"	.063"	108–9106	108–9116	.38"
	4.50"	.48"	.58"	.049"	108–9293	–	–
	5.00"	.25"	.36"	.052"	108–9108	108–9120	.23"
	5.00"	.32"	.46"	.063"	108–9109	108–9122	.28"
	5.00"	.41"	.55"	.063"	108–9110	108–9124	.38"
	5.00"	.48"	.58"	.049"	108–9294	–	–
	5.50"	.41"	.55"	.063"	108–9290	–	–
TITAN SOLID ROUND							
	4.50"	–	.20"	–	108–9230	–	–
	4.50"	–	.25"	–	108–9231	–	–
	4.50"	–	.30"	–	108–9232	–	–
	4.50"	–	.38"	–	108–9233	–	–
	5.50"	–	.20"	–	108–9234	–	–
	5.50"	–	.25"	–	108–9235	–	–
	5.50"	–	.30"	–	108–9236	–	–
	5.50"	–	.38"	–	108–9237		
TITAN SOLID SLICING							
	5.00"	–	.63"	–	108–9238	–	–
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.38"	–	108–9215	–	–
	4.50"	–	.50"	–	108–9216	112–1310	–
	4.50"	–	.62"	–	108–9217	–	–
	5.50"	–	.38"	–	108–9218	–	–
	5.50"	–	.50"	–	108–9219	112–1311	–
	5.50"	–	.62"	–	108–9220	–	–

3/4" MOUNT

						TITAN® Max Part Number	TITAN® Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.28"	.46"	.058"	108–9128	108–9139	.28"
	4.75"	.41"	.56"	.058"	108–9129	108–9141	.38"
	4.75"	.53"	.66"	.058"	108–9130	108–9143	.48"
	5.75"	.28"	.46"	.058"	108–9132	108–9145	.28"
	5.75"	.41"	.56"	.058"	108–9133	108–9147	.38"
	5.75"	.53"	.66"	.058"	108–9134	108–9149	.48"
	6.50"	.28"	.46"	.058"	108–9138	108–9135	.28"
	6.50"	.41"	.56"	.058"	108–9136	108–9151	.38"
	6.50"	.53"	.66"	.058"	108–9137	108–9153	.48"
TITAN HOLLOW EXT. TAPER						*HOLLOW EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0551	114–0553	.47"
	6.50"	.53"	.66"	.058"	114–0550	114–0561	.47"

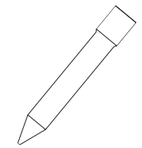
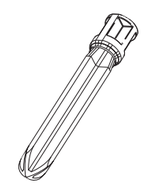
3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.28"	.46"	.058"	108–9159	108–9170	.28"
	4.75"	.41"	.56"	.058"	108–9160	108–9172	.38"
	4.75"	.53"	.66"	.058"	108–9161	108–9174	.48"
	5.75"	.28"	.46"	.058"	108–9163	108–9176	.28"
	5.75"	.41"	.56"	.058"	108–9164	108–9178	.38"
	5.75"	.53"	.66"	.058"	108–9165	108–9180	.48"
	6.50"	.28"	.46"	.058"	108–9162	108–9166	.28"
	6.50"	.41"	.56"	.058"	108–9167	108–9182	.38"
	6.50"	.53"	.66"	.058"	108–9168	108–9184	.48"
TITAN SIDE EJECT EXT. TAPER						*SIDE EJECT EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0555	114–0557	.47"
	6.50"	.53"	.66"	.058"	114–0558	114–0560	.47"
TITAN SPLIT							
	5.75"	.51"	.88"	.120"	112–5122	–	–
TITAN FAIRWAY HD							
	5.75"	.51"	.77"	.120"	108–9260	–	–
	5.75"	.51"	.88"	.120"	108–9261	–	–
TITAN FAIRWAY							
	5.75"	.51"	.77"	.120"	104–9876	–	–
	5.75"	.51"	.88"	.120"	104–9875	–	–
CLASSIC							
	4.75"	.38"	.44"	.035"	59–3690 Discontinued	–	–
	4.75"	.40"	.50"	.049"	66–9140	–	–
	4.75"	.50"	.63"	.049"	59–3670	–	–
	5.75"	.51"	.63"	.058"	104–0984	–	–
	6.50"	.51"	.63"	.058"	106–8943 Discontinued	–	–
	6.50"	.39"	.66"	.058"	105–1180	–	–

Prices subject to change without notice.

PROCORE® 648

3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN SOLID ROUND							
	4.50"	–	.25"	–	108–9198	–	–
	4.50"	–	.30"	–	108–9199	–	–
	4.50"	–	.35"	–	108–9200	–	–
	4.50"	–	.40"	–	108–9201	–	–
	4.50"	–	.50"	–	108–9202	–	–
	4.50"	–	.60"	–	108–9203	–	–
	5.50"	–	.25"	–	108–9204	–	–
	5.50"	–	.30"	–	108–9205	–	–
	5.50"	–	.35"	–	108–9206	–	–
	5.50"	–	.40"	–	108–9207	–	–
	5.50"	–	.50"	–	108–9208	–	–
	5.50"	–	.60"	–	108–9209	–	–
	5.50"	–	.75"	–	108–9244	–	–
	6.50"	–	.30"	–	108–9210	–	–
	6.50"	–	.35"	–	108–9211	–	–
	6.50"	–	.40"	–	108–9212	–	–
	6.50"	–	.50"	–	108–9213	–	–
	6.50"	–	.60"	–	108–9214	–	–
	6.50"	–	.75"	–	108–9245	–	–
TITAN SOLID SLICING							
	4.50"	–	.75"	–	108–9239	–	–
	5.50"	–	.75"	–	108–9240	–	–
	6.50"	–	.75"	–	108–9241	–	–
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.50"	–	108–9221	112–1312	–
	4.50"	–	.63"	–	108–9222	–	–
	4.50"	–	.75"	–	108–9223	–	–
	5.50"	–	.50"	–	108–9224	112–1313	–
	5.50"	–	.63"	–	108–9225	–	–
	5.50"	–	.75"	–	108–9226	–	–
	6.50"	–	.50"	–	108–9227	112–1314	–
	6.50"	–	.62"	–	108–9228	–	–
	6.50"	–	.75"	–	108–9229	–	–

PROCORE® 648

7/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.51"	.66"	.058"	108–9190	108–9155	.48"
	4.75"	.63"	.76"	.058"	108–9191	–	–
	5.75"	.51"	.66"	.058"	108–9192	108–9157	.48"
	5.75"	.63"	.76"	.058"	108–9193		
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.51"	.66"	.058"	108–9194	108–9186	.48"
	4.75"	.63"	.76"	.058"	108–9195	–	–
	5.75"	.51"	.66"	.058"	108–9196	108–9188	.48"
	5.75"	.63"	.76"	.058"	108–9197	–	–
TITAN SPLIT							
	5.75"	.64"	.88"	.120"	112–5121	–	–
	5.75"	.64"	.92"	.120"	112–5123	–	–
CLASSIC							
	4.75"	.60"	.75"	.065"	62–4600	–	–
	5.75"	.60"	.75"	.065"	86–9720	–	–
TITAN FAIRWAY HD							
	5.75"	.64"	.88"	.122"	108–9264	–	–
	5.75"	.64"	1.0"	.122"	108–9265	–	–
TITAN FAIRWAY							
	4.75"	.64"	.88"	.122"	92–7941	–	–
	5.75"	.64"	.88"	.122"	92–7900	–	–
	5.75"	.64"	1.0"	.120"	104–9877	–	–
TITAN SOLID ROUND							
	5.50"	–	.75"	–	108–9246	–	–
	5.50"	–	.88"	–	108–9247	–	–
	6.50"	–	.75"	–	108–9248	–	–
	6.50"	–	.88"	–	108–9249	–	–
TITAN SOLID SLICING							
	5.50"	–	.75"	–	108–9242	–	–
	6.50"	–	.75"	–	108–9243	–	–
TITAN CROSS							
	5.50"	–	.88"	–	108–9259	–	–

NEEDLE TINE

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
		–	5mm	–	100–3620
	7.38"	–	8mm	–	100–3621
	5.43"	–	5mm	–	125–3319

Prices subject to change without notice.

PROCORE® 864 / 1298

FEATURES & BENEFITS

- Precision–balanced coring heads
- RotaLink™ tine guide system
- Efficient aeration
- Smooth, quiet, powerful operation
- Impact resistance system

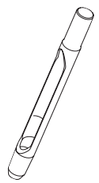
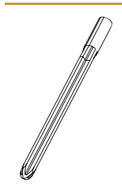
The same ground–breaking technology that allowed the ProCore **648** to revolutionize greens aeration is now available for large–area applications in the new ProCore **864** and **1298**. Aerate fairways and sports fields in efficient **64**" (**162.9**cm) and **98**" (**248.9**cm) swaths with smooth operation and precision performance you demand.

TINE HEADS & TURF GUARDS

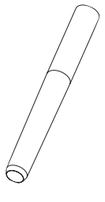
TINE HEADS		TINES REQ'D		TURF GUARDS		
Description	Part No.	Qty. 864	Qty. 1298	Part No.	Qty. 864	Qty. 1298
Quad Tine Head, 2 rows of 5 3/8" Mount	09736	80	120	120–1047 120–1052 110–4367 110–4368	2 – 1 1	4 2 – –
Quad Tine Head, 1 row of 6 3/8" Mount	09737	48	72	120-1050 120-1053 115–2801 115–2802	2 –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

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 120–1052 110–4367 110–4368	2 – 1 1	4 2 – –
3 Tine Head 3/4" Mount	09794	24	36	120–1044 110–4358 115–4359 115–4360	2 – 1 1	4 2 – –
4 Tine Head 3/4" Mount	09796	32	48	120–1045 120–1046 110–4363 110–4364	2 – 1 1	4 2 – –
3 Tine Head HD 7/8" Mount	09797	24	36	120–1044 110–4358 110–4359 110–4360	2 – 1 1	4 2 – –

3/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN QUAD						*QUAD MAX*	
	4.50"	.25"	.36"	.052"	108–9104	108–9112	.23"
	4.50"	.32"	.46"	.063"	108–9105	108–9114	.28"
	4.50"	.41"	.55"	.063"	108–9106	108–9116	.38"
	4.50"	.48"	.58"	.049"	108–9293	–	–
	5.00"	.25"	.36"	.052"	108–9108	108–9120	.23"
	5.00"	.32"	.46"	.063"	108–9109	108–9122	.28"
	5.00"	.41"	.55"	.063"	108–9110	108–9124	.38"
	5.00"	.48"	.58"	.049"	108–9294	–	–
	5.50"	.41"	.55"	.063"	108–9290	–	–
TITAN SOLID ROUND							
	4.50"	–	.20"	–	108–9230	–	–
	4.50"	–	.25"	–	108–9231	–	–
	4.50"	–	.30"	–	108–9232	–	–
	4.50"	–	.38"	–	108–9233	–	–
	5.50"	–	.20"	–	108–9234	–	–
	5.50"	–	.25"	–	108–9235	–	–
	5.50"	–	.30"	–	108–9236	–	–
	5.50"	–	.38"	–	108–9237	–	–
TITAN SOLID SLICING							
	5.00"	–	.63"	–	108–9238		
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.38"	–	108–9215	–	–
	4.50"	–	.50"	–	108–9216	112–1310	–
	4.50"	–	.62"	–	108–9217	–	–
	5.50"	–	.38"	–	108–9218	–	–
	5.50"	–	.50"	–	108–9219	112–1311	–
	5.50"	–	.62"	–	108–9220	–	–

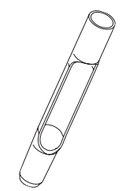
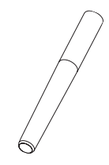
3/4" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.28"	.46"	.058"	108–9128	108–9139	.28"
	4.75"	.41"	.56"	.058"	108–9129	108–9141	.38"
	4.75"	.53"	.66"	.058"	108–9130	108–9143	.48"
	5.75"	.28"	.46"	.058"	108–9132	108–9145	.28"
	5.75"	.41"	.56"	.058"	108–9133	108–9147	.38"
	5.75"	.53"	.66"	.058"	108–9134	108–9149	.48"
	6.50"	.28"	.46"	.058"	108–9138	108–9135	.28"
	6.50"	.41"	.56"	.058"	108–9136	108–9151	.38"
	6.50"	.53"	.66"	.058"	108–9137	108–9153	.48"

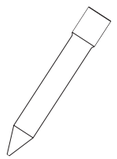
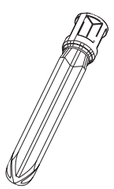
Prices subject to change without notice.

PROCORE® 864/1298

3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW EXT. TAPER						*HOLLOW EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0551	114–0553	.47"
	6.50"	.53"	.66"	.058"	114–0550	114–0561	.47"
SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.28"	.46"	.058"	108–9159	108–9170	.28"
	4.75"	.41"	.56"	.058"	108–9160	108–9172	.38"
	4.75"	.53"	.66"	.058"	108–9161	108–9174	.48"
	5.75"	.28"	.46"	.058"	108–9163	108–9176	.28"
	5.75"	.41"	.56"	.058"	108–9164	108–9178	.38"
	5.75"	.53"	.66"	.058"	108–9165	108–9180	.48"
	6.50"	.28"	.46"	.058"	108–9162	108–9166	.28"
	6.50"	.41"	.56"	.058"	108–9167	108–9182	.38"
	6.50"	.53"	.66"	.058"	108–9168	108–9184	.48"
TITAN SIDE EJECT EXT. TAPER						*SIDE EJECT EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0555	114–0557	.47"
	6.50"	.53"	.66"	.058"	114–0558	114–0560	.47"
TITAN SPLIT							
	5.75"	.51"	.88"	.120"	112–5122	–	–
TITAN FAIRWAY HD							
	5.75"	.51"	.77"	.120"	108–9260	–	–
	5.75"	.51"	.88"	.120"	108–9261	–	–
TITAN FAIRWAY							
	5.75"	.51"	.77"	.120"	104–9876	–	–
	5.75"	.51"	.88"	.120"	104–9875	–	–
CLASSIC							
	4.75"	.30"	.44"	.035"	59–3690 Discontinued	–	–
	4.75"	.40"	.50"	.049"	66–9140	–	–
	4.75"	.50"	.63"	.049"	59–3670	–	–
	5.75"	.51"	.63"	.058"	104–0984	–	–
	6.50"	.51"	.63"	.058"	106–8943 Discontinued	–	–
	6.50"	.39"	.66"	.058"	105–1180	–	–

3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN SOLID ROUND							
	4.50"	–	.25"	–	108–9198	–	–
	4.50"	–	.30"	–	108–9199	–	–
	4.50"	–	.35"	–	108–9200	–	–
	4.50"	–	.40"	–	108–9201	–	–
	4.50"	–	.50"	–	108–9202	–	–
	4.50"	–	.60"	–	108–9203	–	–
	5.50"	–	.25"	–	108–9204	–	–
	5.50"	–	.30"	–	108–9205	–	–
	5.50"	–	.35"	–	108–9206	–	–
	5.50"	–	.40"	–	108–9207	–	–
	5.50"	–	.50"	–	108–9208	–	–
	5.50"	–	.60"	–	108–9209	–	–
	5.50"	–	.75"	–	108–9244	–	–
	6.50"	–	.30"	–	108–9210	–	–
	6.50"	–	.35"	–	108–9211	–	–
	6.50"	–	.40"	–	108–9212	–	–
	6.50"	–	.50"	–	108–9213	–	–
	6.50"	–	.60"	–	108–9214	–	–
	6.50"	–	.75"	–	108–9245	–	–
TITAN SOLID SLICING							
	4.50"	–	.75"	–	108–9239	–	–
	5.50"	–	.75"	–	108–9240	–	–
	6.50"	–	.75"	–	108–9241	–	–
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.50"	–	108–9221	112–1312	–
	4.50"	–	.63"	–	108–9222	–	–
	4.50"	–	.75"	–	108–9223	–	–
	5.50"	–	.50"	–	108–9224	112–1313	–
	5.50"	–	.63"	–	108–9225	–	–
	5.50"	–	.75"	–	108–9226	–	–
	6.50"	–	.50"	–	108–9227	112–1314	–
	6.50"	–	.62"	–	108–9228	–	–
	6.50"	–	.75"	–	108–9229	–	–

Prices subject to change without notice.

PROCORE® 864/1298

7/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.51"	.66"	.058"	108–9190	108–9155	.48"
	4.75"	.63"	.76"	.058"	108–9191	–	–
	5.75"	.51"	.66"	.058"	108–9192	108–9157	.48"
	5.75"	.63"	.76"	.058"	108–9193	–	–
SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.51"	.66"	.058"	108–9194	108–9186	.48"
	4.75"	.63"	.76"	.058"	108–9195	–	–
	5.75"	.51"	.66"	.058"	108–9196	108–9188	.48"
	5.75"	.63"	.76"	.058"	108–9197	–	–
TITAN SPLIT							
	5.75"	.64"	.88"	.120"	112–5121	–	–
	5.75"	.64"	.92"	.120"	112–5123	–	–
TITAN FAIRWAY HD							
	5.75"	.64"	.88"	.122"	108–9264	–	–
	5.75"	.64"	1.0"	.122"	108–9265	–	–
TITAN FAIRWAY							
	4.75"	.64"	.88"	.122"	92–7941	–	–
	5.75"	.64"	.88"	.122"	92–7900	–	–
	5.75"	.64"	1.0"	.120"	104–9877	–	–
CLASSIC							
	4.75"	.60"	.75"	.065"	62–4600	–	–
	5.75"	.60"	.75"	.065"	86–9720	–	–
TITAN SOLID ROUND							
	5.50"	–	.75"	–	108–9246	–	–
	5.50"	–	.88"	–	108–9247	–	–
	6.50"	–	.75"	–	108–9248	–	–
	6.50"	–	.88"	–	108–9249	–	–
TITAN SOLID SLICING							
	5.50"	–	.75"	–	108–9242	–	–
	6.50"	–	.75"	–	108–9243	–	–
TITAN CROSS							
	5.50"	–	.88"	–	108–9259	–	–

NEEDLE TINE

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	6.43"	–	5mm	–	100–3620
	7.38"	–	8mm	–	100–3621
	5.43"	–	5mm	–	125-3319

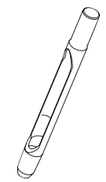
PROCORE®
440/660/880

The ProCore 440/660/880 was built for cost–effective aeration during any season. Each model offers performance through the unique Rotalink™ system ensuing proper tine positioning during aeration for consistent and exceptional hole quality. Sizes range from 40" to 80" and can accommodate multiple tine spacing configurations for precise aeration making these models extremely versatile.

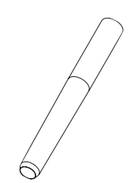
TINE HEADS & TURF GUARDS

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" Mount	09721	60	80	100–5420	1	5	100–5421	8	4
3 Tine Head, 3/4" Mount	09722	18	24	100–5414	2	5	100–5415	3	–
4 Tine Head, 3/4" Mount	09723	24	32	100–5416	5	1	100–5417	–	4
3 Tine Head, 7/8" Mount	09733	18	24	100–5414	2	5	100–5415	3	–
4 Tine Head, 7/8" Mount	09734	24	32	100–5416	5	1	100–5417	–	4

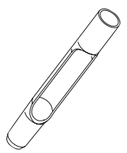
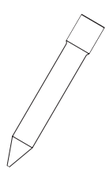
3/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN QUAD						*QUAD MAX*	
	4.50"	.25"	.36"	.052"	108–9104	108–9112	.23"
	4.50"	.32"	.46"	.063"	108–9105	108–9114	.28"
	4.50"	.41"	.55"	.063"	108–9106	108–9116	.38"
	4.50"	.48"	.58"	.049"	108–9293	–	–
	5.00"	.25"	.36"	.052"	108–9108	108–9120	.23"
	5.00"	.32"	.46"	.063"	108–9109	108–9122	.28"
	5.00"	.41"	.55"	.063"	108–9110	108–9124	.38"
	5.00"	.48"	.58"	.049"	108–9294	–	–
	5.50"	.41"	.55"	.063"	108–9290	–	–
TITAN SOLID ROUND							
	4.50"	–	.20"	–	108–9230	–	–
	4.50"	–	.25"	–	108–9231	–	–
	4.50"	–	.30"	–	108–9232	–	–
	4.50"	–	.38"	–	108–9233	–	–
	5.50"	–	.20"	–	108–9234	–	–
	5.50"	–	.25"	–	108–9235	–	–
	5.50"	–	.30"	–	108–9236	–	–
	5.50"	–	.38"	–	108–9237	–	–
TITAN SOLID SLICING							
	5.00"	–	.63"	–	108–9238	–	–
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.38"	–	108–9215	–	–
	4.50"	–	.50"	–	108–9216	112–1310	–
	4.50"	–	.62"	–	108–9217	–	–
	5.50"	–	.38"	–	108–9218	–	–
	5.50"	–	.50"	–	108–9219	112–1311	–
	5.50"	–	.62"	–	108–9220	–	–

3/4" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.28"	.46"	.058"	108–9128	108–9139	.28"
	4.75"	.41"	.56"	.058"	108–9129	108–9141	.38"
	4.75"	.53"	.66"	.058"	108–9130	108–9143	.48"
	5.75"	.28"	.46"	.058"	108–9132	108–9145	.28"
	5.75"	.41"	.56"	.058"	108–9133	108–9147	.38"
	5.75"	.53"	.66"	.058"	108–9134	108–9149	.48"

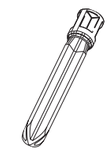
3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW EXT. TAPER						*HOLLOW EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0551	114–0553	.47"
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.28"	.46"	.058"	108–9159	108–9170	.28"
	4.75"	.41"	.56"	.058"	108–9160	108–9172	.38"
	4.75"	.53"	.66"	.058"	108–9161	108–9174	.48"
	5.75"	.28"	.46"	.058"	108–9163	108–9176	.28"
	5.75"	.41"	.56"	.058"	108–9164	108–9178	.38"
	5.75"	.53"	.66"	.058"	108–9165	108–9180	.48"
TITAN SIDE EJECT EXT. TAPER MAX						*SIDE EJECT EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0555	114–0557	.47"
TITAN SPLIT							
	5.75"	.51"	.88"	.120"	112–5122	–	–
TITAN FAIRWAY HD							
	5.75"	.51"	.77"	.120"	108–9260	–	–
	5.75"	.51"	.88"	.120"	108–9261	–	–
TITAN FAIRWAY							
	5.75"	.51"	.77"	.120"	104–9876	–	–
	5.75"	.51"	.88"	.120"	104–9875	–	–
CLASSIC							
	4.75"	.30"	.44"	.035"	59–3690 Discontinued	–	–
	4.75"	.40"	.50"	.049"	66–9140	–	–
	4.75"	.50"	.63"	.049"	59–3670	–	–
	5.75"	.51"	.63"	.058"	104–0984	–	–
TITAN SOLID ROUND							
	4.50"	–	.25"	–	108–9198	–	–
	4.50"	–	.30"	–	108–9199	–	–
	4.50"	–	.35"	–	108–9200	–	–
	4.50"	–	.40"	–	108–9201	–	–
	4.50"	–	.50"	–	108–9202	–	–
	4.50"	–	.60"	–	108–9203	–	–
	5.50"	–	.25"	–	108–9204	–	–
	5.50"	–	.30"	–	108–9205	–	–
	5.50"	–	.35"	–	108–9206	–	–
	5.50"	–	.40"	–	108–9207	–	–
	5.50"	–	.50"	–	108–9208	–	–
	5.50"	–	.60"	–	108–9209	–	–
	5.50"	–	.75"	–	108–9244	–	–
TITAN SOLID SLICING							
	4.50"	–	.75"	–	108–9239	–	–
	5.50"	–	.75"	–	108–9240	–	–

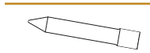
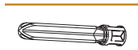
Prices subject to change without notice.

PROCORE® 440/660/880

3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.50"	–	108–9221	112–1312	–
	4.50"	–	.63"	–	108–9222	–	–
	4.50"	–	.75"	–	108–9223	–	–
	5.50"	–	.50"	–	108–9224	112–1313	–
	5.50"	–	.63"	–	108–9225	–	–
	5.50"	–	.75"	–	108–9226	–	–

7/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.51"	.66"	.058"	108–9190	108–9155	.48"
	4.75"	.63"	.76"	.058"	108–9191	–	–
	5.75"	.51"	.66"	.058"	108–9192	108–9157	.48"
	5.75"	.63"	.76"	.058"	108–9193	–	–
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.51"	.66"	.058"	108–9194	108–9186	.48"
	4.75"	.63"	.76"	.058"	108–9195	–	–
	5.75"	.51"	.66"	.058"	108–9196	108–9188	.48"
	5.75"	.63"	.76"	.058"	108–9197	–	–
TITAN SPLIT							
	5.75"	.64"	.88"	.120"	112–5121	–	–
	5.75"	.64"	.92"	.120"	112–5123	–	–
TITAN FAIRWAY HD							
	5.75"	.64"	.88"	.122"	108–9264	–	–
	5.75"	.64"	1.0"	.122"	108–9265	–	–
TITAN FAIRWAY							
	4.75"	.64"	.88"	.122"	92–7941	–	–
	5.75"	.64"	.88"	.122"	92–7900	–	–
	5.75"	.64"	1.0"	.120"	104–9877	–	–
CLASSIC							
	4.75"	.60"	.75"	.065"	62–4600	–	–
	5.75"	.60"	.75"	.065"	86–9720	–	–
TITAN SOLID ROUND							
	5.50"	–	.75"	–	108–9246	–	–
	5.50"	–	.88"	–	108–9247	–	–
TITAN SOLID SLICING							
	5.50"	–	.75"	–	108–9242	–	–
TITAN CROSS							
	5.50"	–	.88"	–	108–9259	–	–

NEEDLE TINE

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	6.43"	–	5mm	–	100–3620
	7.38"	–	8mm	–	100–3621
	5.43"	–	5mm	–	125-3319

GREENS AERATOR

If there was a Hall of Fame for aerators, the Toro® Greens Aerator would definitely be inducted. This powerful and efficient greens aerator was produced for 17 solid years following its introduction in 1986. Although it's officially in retirement, there are many of them around the world still aerating greens as well as they did brand new.

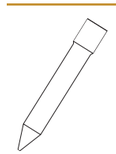
TINE HEADS & TURF GUARDS

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

3/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	Titan Max Core ID
TITAN QUAD						*QUAD MAX*	
	4.50"	.25"	.36"	.052"	108–9104	108–9112	.23"
	4.50"	.32"	.46"	.063"	108–9105	108–9114	.28"
	4.50"	.41"	.55"	.063"	108–9106	108–9116	.38"
	4.50"	.48"	.58"	.049"	108–9293	–	–
TITAN SOLID ROUND							
	4.50"	–	.20"	–	108–9230	–	–
	4.50"	–	.25"	–	108–9231	–	–
	4.50"	–	.30"	–	108–9232	–	–
	4.50"	–	.38"	–	108–9233	–	–
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.38"	–	108–9215	–	–
	4.50"	–	.50"	–	108–9216	112–1310	–
	4.50"	–	.62"	–	108–9217	–	–

3/4" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.28"	.46"	.058"	108–9128	108–9139	.28"
	4.75"	.41"	.56"	.058"	108–9129	108–9141	.38"
	4.75"	.53"	.66"	.058"	108–9130	108–9143	.48"
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.28"	.46"	.058"	108–9159	108–9170	.28"
	4.75"	.41"	.56"	.058"	108–9160	108–9172	.38"
	4.75"	.53"	.66"	.058"	108–9161	108–9174	.48"
CLASSIC							
	4.75"	.30"	.44"	.035"	59–3690 Discontinued	–	–
	4.75"	.40"	.50"	.049"	66–9140	–	–
	4.75"	.50"	.63"	.049"	59–3670	–	–
TITAN SOLID ROUND						*SOLID ROUND MAX*	
	4.50"	–	.25"	–	108–9198	–	–
	4.50"	–	.30"	–	108–9199	–	–
	4.50"	–	.35"	–	108–9200	–	–
	4.50"	–	.40"	–	108–9201	–	–
	4.50"	–	.50"	–	108–9202	–	–
	4.50"	–	.60"	–	108–9203	–	–

GREENS AERATOR

3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN SOLID SLICING							
	4.50"	–	.75"	–	108–9239	–	–
TITAN CROSS						*CROSS MAX*	
	4.50"	–	.50"	–	108–9221	112–1312	–
	4.50"	–	.63"	–	108–9222	–	–
	4.50"	–	.75"	–	108–9223	–	–

7/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.51"	.66"	.058"	108–9190	108–9155	.48"
	4.75"	.63"	.76"	.058"	108–9191	–	–
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.51"	.66"	.058"	108–9194	108–9186	.48"
	4.75"	.63"	.76"	.058"	108–9195	–	–
CLASSIC							
	4.75"	.60"	.75"	.065"	62–4600	–	–
TITAN FAIRWAY							
	4.75"	.64"	.88"	.122"	92–7941	–	–

NEEDLE TINE

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number
	6.43"	–	5mm	–	100–3620

FAIRWAY AERATOR

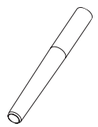
The Fairway Aerator is a legend. Based on the name, one might assume its sole purpose is fairways. However, this tough aerator also performs exceptionally well on sports fields and other turf. Although production ended in 1996, there are still so many Fairway Aerators working today that we've added their tine offering back into the catalog.

TINE HEADS & TURF GUARDS

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

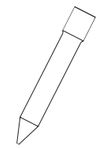
Prices subject to change without notice.

3/4" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.28"	.46"	.058"	108–9128	108–9139	.28"
	4.75"	.41"	.56"	.058"	108–9129	108–9141	.38"
	4.75"	.53"	.66"	.058"	108–9130	108–9143	.48"
	5.75"	.28"	.46"	.058"	108–9132	108–9145	.28"
	5.75"	.41"	.56"	.058"	108–9133	108–9147	.38"
	5.75"	.53"	.66"	.058"	108–9134	108–9149	.48"
TITAN HOLLOW EXT. TAPER						*HOLLOW EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0551	114–0553	.47"
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.28"	.46"	.058"	108–9159	108–9170	.28"
	4.75"	.41"	.56"	.058"	108–9160	108–9172	.38"
	4.75"	.53"	.66"	.058"	108–9161	108–9174	.48"
	5.75"	.28"	.46"	.058"	108–9163	108–9176	.28"
	5.75"	.41"	.56"	.058"	108–9164	108–9178	.38"
	5.75"	.53"	.66"	.058"	108–9165	108–9180	.48"
TITAN SIDE EJECT EXT. TAPER						*SIDE EJECT EXT. TAPER MAX*	
	5.75"	.53"	.66"	.058"	114–0555	114–0557	.47"
TITAN SPLIT							
	5.75"	.64"	.88"	.120"	112-5122	–	–
TITAN FAIRWAY HD							
	5.75"	.51"	.77"	.120"	108–9260	–	–
	5.75"	.51"	.88"	.120"	108–9261	–	–
TITAN FAIRWAY							
	5.75"	.51"	.77"	.120"	104–9876	–	–
	5.75"	.51"	.88"	.120"	104–9875	–	–
CLASSIC							
	4.75"	.30"	.44"	.035"	59–3690 Discontinued	–	–
	4.75"	.40"	.50"	.049"	66–9140	–	–
	4.75"	.50"	.63"	.049"	59–3670	–	–
	5.75"	.51"	.63"	.058"	104–0984	–	–

Prices subject to change without notice.

3/4" MOUNT – CONTINUED

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN SOLID ROUND							
	4.50"	–	.25"	–	108–9198	–	–
	4.50"	–	.30"	–	108–9199	–	–
	4.50"	–	.35"	–	108–9200	–	–
	4.50"	–	.40"	–	108–9201	–	–
	4.50"	–	.50"	–	108–9202	–	–
	4.50"	–	.60"	–	108–9203	–	–
	5.50"	–	.25"	–	108–9204	–	–
	5.50"	–	.30"	–	108–9205	–	–
	5.50"	–	.35"	–	108–9206	–	–
	5.50"	–	.40"	–	108–9207	–	–
	5.50"	–	.50"	–	108–9208	–	–
	5.50"	–	.60"	–	108–9209	–	–
	5.50"	–	.75"	–	108–9244	–	–
TITAN CROSS						*HOLLOW MAX*	
	4.50"	–	.50"	–	108–9221	112–1312	–
	4.50"	–	.63"	–	108–9222	–	–
	4.50"	–	.75"	–	108–9223	–	–
	5.50"	–	.50"	–	108–9224	112–1313	–
	5.50"	–	.63"	–	108–9225	–	–
	5.50"	–	.75"	–	108–9226	–	–

7/8" MOUNT

	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN HOLLOW						*HOLLOW MAX*	
	4.75"	.51"	.66"	.058"	108–9190	108–9155	.48"
	4.75"	.63"	.76"	.058"	108–9191	–	–
	5.75"	.51"	.66"	.058"	108–9192	108–9157	.48"
	5.75"	.63"	.76"	.058"	108–9193	–	–
TITAN SIDE EJECT						*SIDE EJECT MAX*	
	4.75"	.51"	.66"	.058"	108–9194	108–9186	.48"
	4.75"	.63"	.76"	.058"	108–9195	–	–
	5.75"	.51"	.66"	.058"	108–9196	108–9188	.48"
	5.75"	.63"	.76"	.058"	108–9197	–	–
TITAN SPLIT							
	5.75"	.64"	.88"	.120"	112–5121	–	–
	5.75"	.64"	.92"	.120"	112–5123	–	–

FAIRWAY AERATOR

7/8" MOUNT – CONTINUED	Length	Core Dia. (ID)	OD	Wall Thickness	Part Number	TITAN® Max Part Number	TITAN® Max Titan Max Core ID
TITAN FAIRWAY HD							
	5.75"	.64"	.88"	.122"	108–9264	–	–
	5.75"	.64"	1.0"	.122"	108–9265	–	–
TITAN FAIRWAY							
	4.75"	.64"	.88"	.122"	92–7941	–	–
	5.75"	.64"	.88"	.122"	92–7900	–	–
	5.75"	.64"	1.0"	.120"	104–9877	–	–
CLASSIC							
	4.75"	.60"	.75"	.065"	62–4600	–	–
	5.75"	.60"	.75"	.065"	86–9720	–	–
TITAN SOLID ROUND							
	5.50"	–	.75"	–	108–9246	–	–
	5.50"	–	.88"	–	108–9247	–	–
TITAN SOLID SLICING							
	4.50"	–	.75"	–	108–9239	–	–
	5.50"	–	.75"	–	108–9240	–	–
	5.50"	–	.75"	–	108–9242	–	–
TITAN CROSS							
	5.50"	–	.88"	–	108–9259	–	–

TURF AERATOR 686 / 687

The 686 and 687 Turf Aerators give excellent depth and performance and follow ground contours, vertically and horizontally, like no other available.

TURF AERATOR 686/687	Part Number	Size	Quantity Required
SPOON–OPEN			
	108–9296	1/2"	96 tines
	108–9298	3/4"	96 tines
SPOON–CLOSED			
	108–9297	1/2"	96 tines
	108–9299	3/4"	96 tines

Prices subject to change without notice.

PROCORE® SR SERIES

FEATURES & BENEFITS

- Heavy–duty design
- Hydraulic remote depth adjustment from the tractor
- Superior punching power
- Multiple coring and solid tines
- Easy hook–up and operation
- Simplified maintenance

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). From lightweight, precision machines for more sensitive turf to robust heavy–duty machines to break up the soil on the most compacted surfaces, the ProCore SR Series deep tine aerators are the ultimate choice for performance and quality.

12MM OR 18MM MOUNT

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07625*	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07750*	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10755*	–	SGT10750
	12mm	10.00"	.56"	.81"	SGC10813H	–	SGT10813H
	18mm	8.00"	.94"	1.31"	SGC08125	–	SGT08125
	18mm	8.00"	.74"	1.06"	SGC08100H	–	SGT08100H
	18mm	10.00"	.56"	.75"	SGC10750	–	SGT10750
	18mm	10.00"	.74"	1.06"	SGC10100H	–	SGT10100H
	18mm	10.00"	.76"	1.00"	SGC10100S	–	SGT10100S
	18mm	12.00"	.94"	1.31"	SGC12125	–	SGT12125
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	SGA08313	–
	5/16"	10.00"	–	.31"	SGS08313	SGA08313	–
	3/8"	9.00"	–	.38"	SGS08375	SGA12375	–
	3/8"	10.75"	–	.38"	SGS10374	SGA12375	–
	3/8"	12.25"	–	.38"	SGS10375	SGA12375	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–
	12mm	12.25"	–	12mm	SGS10500	–	–
	12mm	14.25"	–	12mm	SGS12500	–	–
	12mm	16.25"	–	12mm	SGS14500	–	–
	18mm	12.25"	–	18mm	SGS10750	–	–
	18mm	12.50"	–	18mm	SGS10875	–	–
	18mm	14.00"	–	18mm	SGS12875	–	–
	18mm	14.25"	–	18mm	SGS12750	–	–
	18mm	16.00"	–	18mm	SGS14875	–	–
	18mm	16.25"	–	18mm	SGS14750	–	–

SR48 ADAPTER HEAD KIT 117–7190

SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–

SR48 ADAPTER HEAD KIT 117–7191

CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	12.25"	–	12mm	SGS10500		
	12mm	14.25"	–	12mm	SGS12500		
	12mm	16.25"	–	12mm	SGS14500		

*Longer shank tine.

5/16" OR 12MM MOUNT

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	SGA10375	–
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–
	3/8"	9.00"	–	.38"	SGS08375	SGA10375	–
	3/8"	10.75"	–	.38"	SGS10374	SGA10375	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–

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

CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	–	SGT05550
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–
	3/8"	9.00"	–	.38"	SGS08375	SGA10375	–
	3/8"	10.75"	–	.38"	SGS10374	SGA10375	–
	3/8"	12.25"	–	.38"	SGS10375	SGA10375	–

*Longer shank tine.

Prices subject to change without notice.

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–

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

SOLID TINES							
	18mm	12.25"	–	18mm	SGS10750	–	–

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

CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–

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

CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	–	SGT05550
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–
	3/8"	9.00"	–	.38"	SGS08375	–	–
	3/8"	10.75"	–	.38"	SGS10374	–	–

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

CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	–	SGT05550
SOLID TINES							
	3/8"	9.00"	–	.38"	SGS08375	–	–
	3/8"	10.75"	–	.38"	SGS10374	–	–

5/16" OR 12MM MOUNT

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	SGA10375	SGT05550
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	5/16"	8.50"	–	.31"	SGS07313	–	–
	5/16"	10.00"	–	.31"	SGS08313	–	–
	3/8"	9.00"	–	.38"	SGS08375	SGA10375	–
	3/8"	10.75"	–	.38"	SGS10374	SGA10375	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–

SR70 ADAPTER HEAD KIT 117–7193 (48 TINES)

CORING TINES							
	3/8"	5.50"	–	.50"	SGC05550	–	–
SOLID TINES							
	5/16"	8.50"	–	.3125"	SGS07313	–	–
	5/16"	10.00"	–	.3125"	SGS08313	–	–
	3/8"	9.00"	–	.375"	SGS08375	–	–
	3/8"	10.75"	–	.375"	SGS10374	–	–
	3/8"	12.25"	–	.375"	SGS10375	–	–

Prices subject to change without notice.

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	5/16"	8.50"	–	.3125"	SGS07313	–	–
	5/16"	10.00"	–	.3125"	SGS08313	–	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–

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

SOLID TINES							
	18mm	12.25"	–	18mm	SGS10750	–	–

SR70-S ADAPTER HEAD KIT 117–7195 (16 TINES)

CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	5/16"	8.50"	–	.3125"	SGS07313	–	–
	5/16"	10.00"	–	.3125"	SGS08313	–	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–

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

CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	–	SGT05550
SOLID TINES							
	5/16"	8.50"	–	.3125"	SGS07313	–	–
	5/16"	10.00"	–	.3125"	SGS08313	–	–
	3/8"	9.00"	–	.375"	SGS08375	–	–
	3/8"	10.75"	–	.375"	SGS10374	–	–

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

CORING TINES							
	3/8"	5.50"	.38"	.50"	SGC05550	–	SGT05550
SOLID TINES							
	3/8"	9.00"	–	.375"	SGS08375	–	–
	3/8"	10.75"	–	.375"	SGS10374	–	–

12MM OR 18MM MOUNT

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	12mm Long	7.00"	.52"	.69"	SGC07625*	–	SGT07625
	12mm Long	7.00"	.56"	.81"	SGC07750*	–	SGT07750
	12mm Long	10.00"	.56"	.75"	SGC10755*	–	SGT10750
	12mm Long	10.00"	.56"	.81"	SGC10813H	–	SGT10813H
	18mm Long	8.00"	.94"	1.31"	SGC08125	–	SGT08125
	18mm Long	8.00"	.74"	1.06"	SGC08100H	–	SGT08100H
	18mm Long	10.00"	.56"	.75"	SGC10750	–	SGT10750
	18mm Long	10.00"	.74"	1.06"	SGC10100H	–	SGT10100H
	18mm Long	10.00"	.76"	1.00"	SGC10100S	–	SGT10100S
	18mm Long	12.00"	.94"	1.31"	SGC12125	–	SGT12125
SOLID TINES							
	5/16"	8.50"	–	.3125"	SGS07313	SGA08313	–
	5/16"	10.00"	–	.3125"	SGS08313	SGA08313	–
	3/8"	9.00"	–	.375"	SGS08375	SGA12375	–
	3/8"	10.75"	–	.375"	SGS10374	SGA12375	–
	3/8"	12.25"	–	.375"	SGS10375	SGA12375	–
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–
	12mm	12.25"	–	12mm	SGS10500	–	–
	12mm	14.25"	–	12mm	SGS12500	–	–
	12mm	16.25"	–	12mm	SGS14500	–	–
	18mm	12.25"	–	18mm	SGS10750	–	–
	18mm	12.50"	–	18mm	SGS10875	–	–
	18mm	14.00"	–	18mm	SGS12875	–	–
	18mm	14.25"	–	18mm	SGS12750	–	–
	18mm	16.00"	–	18mm	SGS14875	–	–
	18mm	16.25"	–	18mm	SGS14750	–	–

SR72 ADAPTER HEAD KIT 117–7190 (60 TINES)

SOLID TINES							
	5/16"	8.50"	–	.3125"	SGS07313	–	–
	5/16"	10.00"	–	.3125"	SGS08313	–	–

SR72 ADAPTER HEAD KIT 117–7191 (60 TINES)

CORING TINES							
	12mm	7.00"	.52"	.69"	SGC07624	–	SGT07625
	12mm	7.00"	.56"	.81"	SGC07754	–	SGT07750
	12mm	10.00"	.56"	.75"	SGC10754	–	SGT10750
SOLID TINES							
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	12.25"	–	12mm	SGS10500	–	–
	12mm	14.25"	–	12mm	SGS12500	–	–
	12mm	16.25"	–	12mm	SGS14500	–	–

*Longer shank tine.

Prices subject to change without notice.

7/8" MOUNT

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
CORING TINES							
	18mm Long	8.00"	.94"	1.31"	SGC08125	SG715802	SGT08125
	18mm Long	8.00"	.74"	1.06"	SGC08100H	SG715802	SGT08100H
	18mm Long	10.00"	.56"	.75"	SGC10750	SG715802	SGT10750
	18mm Long	10.00"	.74"	1.06"	SGC10100H	SG715802	SGT10100H
	18mm Long	10.00"	.76"	1.00"	SGC10100S	SG715802	SGT10100S
	18mm Long	12.00"	.94"	1.31"	SGC12125	SG715802	SGT12125
	7/8"	8.00"	.94"	1.31"	SGC08123	–	SGT08125
	7/8"	12.00"	.94"	1.31"	SGC12123	–	SGT12125
SOLID TINES							
	18mm	12.25"	–	18mm	SGS10750	SG715802	–
	18mm	12.50"	–	.875"	SGS10875	SG715802	–
	18mm	14.00"	–	.875"	SGS12875	SG715802	–
	18mm	14.25"	–	18mm	SGS12750	SG715802	–
	18mm	16.00"	–	.875"	SGS14875	SG715802	–
	18mm	16.25"	–	18mm	SGS14750	SG715802	–
	7/8"	12.50"	–	.875"	SGS10876	–	–
	7/8"	14.00"	–	.875"	SGS12876	–	–
	7/8"	15.75"	–	.875"	SGS14876	–	–
	7/8"	17.88"	–	1.00"	SGS16100	–	–

SR75 ADAPTER HEAD KIT 117–7198 (4X12MM = 24 TINES OR 3X18MM = 18 TINES)

CORING TINES							
	12mm Long	7.00"	.52"	.69"	SGC07625*	–	SGT07625
	12mm Long	7.00"	.56"	.81"	SGC07750*	–	SGT07750
	12mm Long	10.00"	.56"	.81"	SGC10813H	–	SGT10813H
	12mm Long	10.00"	.56"	.75"	SGC10755*	–	SGT10750
	18mm Long	8.00"	.74"	1.06"	SGC08100H	–	SGT08100H
	18mm Long	8.00"	.94"	1.31"	SGC08125	–	SGT08125
	18mm Long	10.00"	.56"	.75"	SGC10750	–	SGT07625
	18mm Long	10.00"	.76"	1.00"	SGC10100S	–	SGT10100S
	18mm Long	10.00"	.74"	1.06"	SGC10100H	–	SGT10100H
	18mm Long	12.00"	.94"	1.31"	SGC12125	–	SGT12125

*Longer shank tine.

ADAPTER HEAD KIT 117–7198 – CONTINUED

	Mount	Length	Core Dia. (ID)	OD	Part	Adapter Sleeve	Replacement Tube
SOLID TINES							
	12mm	8.00"	–	12mm	SGS08500	–	–
	12mm	10.75"	–	12mm	SGS10504	–	–
	12mm	12.25"	–	12mm	SGS10500	–	–
	12mm	14.25"	–	12mm	SGS12500	–	–
	12mm	16.25"	–	12mm	SGS14500	–	–
	18mm	12.25"	–	18mm	SGS10750	–	–
	18mm	12.50"	–	.875"	SGS10875	–	–
	18mm	14.00"	–	.875"	SGS12875	–	–
	18mm	14.25"	–	18mm	SGS12750	–	–
	18mm	16.00"	–	.875"	SGS14875	–	–
	18mm	16.25"	–	18mm	SGS14750	–	–

COMPETITIVE MODELS

TITAN® Conversion Sleeves

Part Number	Description	Mount
112-1300	Sleeve	1/2"
112-1301	Sleeve	5/8"

Easily Converts TITAN® Tines to 1/2" and 5/8" 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" mount Toro tine to create a 1/2" mount or 5/8" mount.

Prices subject to change without notice.

3/8" 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®
TITAN QUAD					*QUAD MAX*			
4.50"	.25"	.36"	108-9104	.052"	108-9112	.23"	X	X
4.50"	.32"	.46"	108-9105	.063"	108-9114	.28"	X	X
4.50"	.41"	.55"	108-9106	.063"	108-9116	.38"	X	X
4.50"	.48"	.58"	108-9293	.049"			X	X
5.00"	.25"	.36"	108-9108	.052"	108-9120	.23"	X	X
5.00"	.32"	.46"	108-9109	.063"	108-9122	.28"	X	X
5.00"	.41"	.55"	108-9110	.063"	108-9124	.38"	X	X
5.00"	.48"	.58"	108-9294	.049"			X	X
TITAN SOLID ROUND								
4.50"	-	.20"	108-9230	-			X	X
4.50"	-	.25"	108-9231	-			X	X
4.50"	-	.30"	108-9232	-			X	X
4.50"	-	.38"	108-9233	-			X	X
5.50"	-	.20"	108-9234	-			X	X
5.50"	-	.25"	108-9235	-			X	X
5.50"	-	.30"	108-9236	-			X	X
5.50"	-	.38"	108-9237	-			X	X
TITAN SOLID SLICING								
5.00"	-	.63"	108-9238	-			X	X
TITAN CROSS					*CROSS MAX*			
4.50"	-	.38"	108-9215	-			X	X
4.50"	-	.50"	108-9216	-	112-1310	-	X	X
4.50"	-	.62"	108-9217	-			X	X
5.50"	-	.38"	108-9218	-			X*	X
5.50"	-	.50"	108-9219	-	112-1311	-	X*	X
5.50"	-	.62"	108-9220	-			X*	X

*Only available on GA 30/60 models

TITAN® TINES COMPETITIVE MODELS

1/2" 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®
TITAN QUAD					*QUAD MAX*			
4.50"	.32"	.46"	112-1316	.063"	112-1322	.28"	X	
TITAN SOLID ROUND								
4.50"	-	.50"	112-1347	-			X	
5.50"	-	.25"	112-1329	-			X	
5.00"	-	.38"	112-1330	-			X	
TITAN CROSS								
4.50"	-	.50"	112-5104	-			X	
5.50"	-	.50"	112-5105	-			X*	
TITAN SOLID SLICING								
5.00"	-	.63"	112-5102	-			X	
TITAN QUAD					*QUAD MAX*			
4.50"	.32"	.46"	112-1316	.063"	112-1322	.28"	X	

5/8" 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®
TITAN HOLLOW					*HOLLOW MAX*			
4.50"	.43"	.56"	112-1306	.058"	112-1307	.38"	X	
TITAN SIDE EJECT					*SIDE EJECT MAX*			
4.50"	.43"	.56"	112-1303	.058"	112-1304	.38"	X	
TITAN SOLID ROUND								
4.50"	-	.63"	112-1348	-			X	
TITAN CROSS								
4.50"	-	.50"	112-5106	-			X	
5.50"	-	.50"	112-5107	-			X*	
TITAN SOLID SLICING								
5.00"	-	.63"	112-5103	-			X	

*Only available on GA 30/60 models

Prices subject to change without notice.

3/4" 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®
TITAN HOLLOW					*HOLLOW MAX*			
4.75"	.28"	.46"	108-9128	.058"	108-9139	.28"	X	X
4.75"	.41"	.56"	108-9129	.058"	108-9141	.38"	X	X
4.75"	.53"	.66"	108-9130	.058"	108-9143	.48"	X	X
5.75"	.28"	.46"	108-9132	.058"	108-9145	.28"	X*	X
5.75"	.41"	.56"	108-9133	.058"	108-9147	.38"	X*	X
5.75"	.53"	.66"	108-9134	.058"	108-9149	.48"	X*	X
TITAN HOLLOW EXT. TAPER					*HOLLOW EXT. TAPER MAX*			
5.75"	.53"	.66"	114-0551	.058"	114-0553	.47"	X*	X
TITAN SIDE EJECT					*SIDE EJECT MAX*			
4.75"	.28"	.46"	108-9159	.058"	108-9170	.28"	X	
4.75"	.41"	.56"	108-9160	.058"	108-9172	.38"	X	
4.75"	.53"	.66"	108-9161	.058"	108-9174	.48"	X	
5.75"	.28"	.46"	108-9163	.058"	108-9176	.28"		X
5.75"	.41"	.56"	108-9164	.058"	108-9178	.38"		X
5.75"	.53"	.66"	108-9165	.058"	108-9180	.48"		X
TITAN SIDE EJECT EXT. TAPER					*SIDE EJECT EXT. TAPER*			
5.75"	.53"	.66"	114-0555	.058"	114-0557	.47"	X	
TITAN FAIRWAY HD								
5.75"	.51"	.77"	108-9260	.120"			X*	X
5.75"	.51"	.88"	108-9261	.120"			X*	X
TITAN FAIRWAY								
5.75"	.51"	.77"	104-9876	.120"				X
5.75"	.51"	.88"	104-9875	.120"				X
CLASSIC								
4.75"	.30"	.44"	59-3690 Discontinued	.035"			X	X
4.75"	.40"	.50"	66-9140	.049"			X	X
4.75"	.50"	.63"	59-3670	.049"			X	X
5.75"	.51"	.63"	104-0984	.058"			X*	X
TITAN SOLID ROUND								
4.50"	-	.25"	108-9198	-			X	X
4.50"	-	.30"	108-9199	-			X	X
4.50"	-	.35"	108-9200	-			X	X
4.50"	-	.40"	108-9201	-			X	X
4.50"	-	.50"	108-9202	-			X	X
4.50"	-	.60"	108-9203	-			X	X
5.50"	-	.25"	108-9204	-			X*	X
5.50"	-	.30"	108-9205	-			X*	X
5.50"	-	.35"	108-9206	-			X*	X
5.50"	-	.40"	108-9207	-			X*	X
5.50"	-	.50"	108-9208	-			X*	X
5.50"	-	.60"	108-9209	-			X*	X
5.50"	-	.75"	108-9244	-			X*	X

Prices subject to change without notice.

TITAN® TINES COMPETITIVE MODELS

3/4" MOUNT – CONTINUED					TITAN® Max		Competitive Model	
Length	Core Dia. (ID)	OD	Part Number	Wall	Part Number	Core Dia. (ID)	Ryan® GA 24/30/60	John Deere®
TITAN SOLID SLICING								
4.50"	-	.75"	108-9239	-			X	X
5.50"	-	.75"	108-9240	-			X*	X
TITAN CROSS					*CROSS MAX*			
4.50"	-	.50"	108-9221	-	112-1312	-	X	X
4.50"	-	.63"	108-9222	-			X	X
4.50"	-	.75"	108-9223	-			X	X
5.50"	-	.50"	108-9224	-	112-1313	-	X*	X
5.50"	-	.63"	108-9225	-			X*	X
5.50"	-	.75"	108-9226	-			X*	X
7/8" Mount								
TITAN HOLLOW					*HOLLOW MAX*			
4.75"	.51"	.66"	108-9190	.058"	108-9155	.48"	X*	X
4.75"	.63"	.76"	108-9191	.058"			X*	X
5.75"	.51"	.66"	108-9192	.058"	108-9157	.48"	X*	X
5.75"	.63"	.76"	108-9193	.058"			X*	X
TITAN SIDE EJECT					*SIDE EJECT MAX*			
4.75"	.51"	.66"	108-9194	.058"	108-9186	.48"	X*	X
4.75"	.63"	.76"	108-9195	.058"			X*	X
5.75"	.51"	.66"	108-9196	.058"	108-9188	.48"	X*	X
5.75"	.63"	.76"	108-9197	.058"			X*	X
TITAN FAIRWAY HD								
5.75"	.64"	.88"	108-9264	.122"			X*	X
5.75"	.64"	1.0"	108-9265	.122"			X*	X
TITAN FAIRWAY								
4.75"	.64"	.88"	92-7941	.122"			X	X
5.75"	.64"	.88"	92-7900	.122"			X*	X
5.75"	.64"	1.0"	104-9877	.120"			X*	X
CLASSIC								
4.75"	.60"	.75"	62-4600	.065"			X*	X
5.75"	.60"	.75"	86-9720	.065"			X*	X
TITAN SOLID ROUND								
5.50"	-	.75"	108-9246	-			X*	X
5.50"	-	.88"	108-9247	-			X*	X
TITAN SOLID SLICING								
5.50"	-	.75"	108-9242	-			X*	X
TITAN CROSS								
5.50"	-	.88"	108-9259	-			X*	X

***Only available on GA 30/60 models**

TITAN® TINES NOTES

TITAN Quad & Quad Max

Mount	Length	ID	OD	Wall Thickness	Part Number	TITAN® Max Part Number
1/2"	4.50"	.32"	.46"	.063"	112-1316	
3/8"	4.50"	.25"	.36"	.052"	108-9104	108-9112
3/8"	4.50"	.32"	.46"	.063"	108-9105	108-9114
3/8"	4.50"	.41"	.55"	.063"	108-9106	108-9116
3/8"	4.50"	.48"	.58"	.049"	108-9293	
3/8"	5.00"	.25"	.36"	.052"	108-9108	108-9120
3/8"	5.00"	.32"	.46"	.063"	108-9109	108-9122
3/8"	5.00"	.41"	.55"	.063"	108-9110	108-9124
3/8"	5.00"	.48"	.58"	.049"	108-9294	
3/8"	5.50"	.41"	.55"	.063"	108-9290	

TITAN Hollow & Hollow Max

3/4"	4.75"	.28"	.46"	.058"	108-9128	108-9139
3/4"	4.75"	.41"	.56"	.058"	108-9129	108-9141
3/4"	4.75"	.53"	.66"	.058"	108-9130	108-9143
3/4"	5.75"	.28"	.46"	.058"	108-9132	108-9145
3/4"	5.75"	.41"	.56"	.058"	108-9133	108-9147
3/4"	5.75"	.53"	.66"	.058"	108-9134	108-9149
3/4"	6.50"	.28"	.46"	.058"	108-9138	108-9135
3/4"	6.50"	.41"	.56"	.058"	108-9136	108-9151
3/4"	6.50"	.53"	.66"	.058"	108-9137	108-9153
5/8"	4.50"	.43"	.56"	.058"	112-1306	
7/8"	4.75"	.51"	.66"	.058"	108-9190	108-9155
7/8"	4.75"	.63"	.76"	.058"	108-9191	
7/8"	5.75"	.51"	.66"	.058"	108-9192	108-9157
7/8"	5.75"	.63"	.76"	.058"	108-9193	

TITAN Hollow Ext. Taper & Ext. Taper Max

3/4"	5.75"	.47"	.68"	.058"	114-0553	
3/4"	5.75"	.53"	.66"	.058"	114-0551	114-0553
3/4"	6.50"	.47"	.68"	.058"	114-0561	
3/4"	6.50"	.53"	.66"	.058"	114-0550	114-0561

TITAN Side Eject & Side Eject Max

3/4"	4.75"	.28"	.46"	.058"	108-9159	108-9170
3/4"	4.75"	.41"	.56"	.058"	108-9160	108-9172
3/4"	4.75"	.53"	.66"	.058"	108-9161	108-9174
3/4"	5.75"	.28"	.46"	.058"	108-9163	108-9176
3/4"	5.75"	.41"	.56"	.058"	108-9164	108-9178
3/4"	5.75"	.53"	.66"	.058"	108-9165	108-9180
3/4"	6.50"	.28"	.46"	.058"	108-9162	108-9166
3/4"	6.50"	.41"	.56"	.058"	108-9167	108-9182
3/4"	6.50"	.53"	.66"	.058"	108-9168	108-9184
5/8"	4.50"	.43"	.56"	.058"	112-1303	
7/8"	4.75"	.51"	.66"	.058"	108-9194	108-9186
7/8"	4.75"	.63"	.76"	.058"	108-9195	
7/8"	5.75"	.51"	.66"	.058"	108-9196	108-9188
7/8"	5.75"	.63"	.76"	.058"	108-9197	

TITAN Side Eject Ext. Taper & Ext. Taper Max

3/4"	5.75"	.53"	.66"	.058"	114-0555	114-0557
3/4"	6.50"	.53"	.66"	.058"	114-0558	114-0560

Prices subject to change without notice.

QUICK REFERENCE

Classic Hollow

Mount	Length	ID	OD	Wall Thickness	Part Number	TITAN® Max Part Number
3/4"	4.75"	.30"	.44"	.035"	59-3690 Discontinued	
3/4"	4.75"	.40"	.50"	.049"	66-9140	
3/4"	4.75"	.50"	.63"	.049"	59-3670	
3/4"	5.75"	.51"	.63"	.058"	104-0984	
3/4"	6.50"	.51"	.63"	.058"	106-8943 Discontinued	
3/4"	6.50"	.39"	.66"	.058"	105-1180	
7/8"	4.75"	.60"	.75"	.065"	62-4600	
7/8"	5.75"	.60"	.75"	.065"	86-9720	

Fairway

3/4"	5.75"	.51"	.77"	.120"	104-9876	
3/4"	5.75"	.51"	.88"	.120"	104-9875	
7/8"	4.75"	.64"	.88"	.122"	92-7941	
7/8"	5.75"	.64"	.88"	.122"	92-7900	
7/8"	5.75"	.64"	1.0"	.120"	104-9877	

TITAN HD Fairway

3/4"	5.75"	.51"	.77"	.120"	108-9260	
3/4"	5.75"	.51"	.88"	.120"	108-9261	
7/8"	5.75"	.64"	.88"	.122"	108-9264	
7/8"	5.75"	.64"	1.0"	.122"	108-9265	

TITAN Split

3/4"	5.75"	.51"	.88"	.120"	112-5122	
7/8"	5.75"	.64"	.88"	.120"	112-5121	
7/8"	5.75"	.64"	.92"	.120"	112-5123	

TITAN Solid Round

1/2"	4.50"	-	.50"	-	112-1347	
1/2"	5.00"	-	.38"	-	112-1330	
1/2"	5.50"	-	.25"	-	112-1329	
3/4"	4.50"	-	.25"	-	108-9198	
3/4"	4.50"	-	.30"	-	108-9199	
3/4"	4.50"	-	.35"	-	108-9200	
3/4"	4.50"	-	.40"	-	108-9201	
3/4"	4.50"	-	.50"	-	108-9202	
3/4"	4.50"	-	.60"	-	108-9203	
3/4"	5.50"	-	.25"	-	108-9204	
3/4"	5.50"	-	.30"	-	108-9205	
3/4"	5.50"	-	.35"	-	108-9206	
3/4"	5.50"	-	.40"	-	108-9207	
3/4"	5.50"	-	.50"	-	108-9208	
3/4"	5.50"	-	.60"	-	108-9209	
3/4"	5.50"	-	.75"	-	108-9244	
3/4"	6.50"	-	.30"	-	108-9210	
3/4"	6.50"	-	.35"	-	108-9211	
3/4"	6.50"	-	.40"	-	108-9212	
3/4"	6.50"	-	.50"	-	108-9213	
3/4"	6.50"	-	.60"	-	108-9214	
3/4"	6.50"	-	.75"	-	108-9245	
3/8"	4.50"	-	.20"	-	108-9230	
3/8"	4.50"	-	.25"	-	108-9231	
3/8"	4.50"	-	.30"	-	108-9232	
3/8"	4.50"	-	.38"	-	108-9233	
3/8"	5.50"	-	.20"	-	108-9234	
3/8"	5.50"	-	.25"	-	108-9235	
3/8"	5.50"	-	.30"	-	108-9236	
3/8"	5.50"	-	.38"	-	108-9237	
5/8"	4.50"	-	.63"	-	112-1348	
7/8"	5.50"	-	.75"	-	108-9246	
7/8"	5.50"	-	.88"	-	108-9247	
7/8"	6.50"	-	.75"	-	108-9248	
7/8"	6.50"	-	.88"	-	108-9249	

TITAN Solid Slicing

Mount	Length	ID	OD	Wall Thickness	Part Number	TITAN® Max Part Number
1/2"	5.00"	-	.63"	-	112-5102	
3/4"	4.50"	-	.75"	-	108-9239	
3/4"	5.50"	-	.75"	-	108-9240	
3/4"	6.50"	-	.75"	-	108-9241	
3/8"	5.00"	-	.63"	-	108-9238	
5/8"	5.00"	-	.63"	-	112-5103	
7/8"	5.50"	-	.75"	-	108-9242	
7/8"	6.50"	-	.75"	-	108-9243	

TITAN Cross & Cross Max

Mount	Length	ID	OD	Wall Thickness	Part Number	TITAN® Max Part Number
1/2"	4.50"	-	.50"	-	112-5104	
1/2"	5.50"	-	.50"	-	112-5105	
3/4"	4.50"	-	.50"	-	108-9221	112-1312
3/4"	4.50"	-	.63"	-	108-9222	
3/4"	4.50"	-	.75"	-	108-9223	
3/4"	5.50"	-	.50"	-	108-9224	112-1313
3/4"	5.50"	-	.63"	-	108-9225	
3/4"	5.50"	-	.75"	-	108-9226	
3/4"	6.50"	-	.50"	-	108-9227	112-1314
3/4"	6.50"	-	.62"	-	108-9228	
3/4"	6.50"	-	.75"	-	108-9229	
3/8"	4.50"	-	.38"	-	108-9215	
3/8"	4.50"	-	.50"	-	108-9216	112-1310
3/8"	4.50"	-	.62"	-	108-9217	
3/8"	5.50"	-	.38"	-	108-9218	
3/8"	5.50"	-	.50"	-	108-9219	112-1311
3/8"	5.50"	-	.62"	-	108-9220	
5/8"	4.50"	-	.50"	-	112-5106	
5/8"	5.50"	-	.50"	-	112-5107	
7/8"	5.50"	-	.88"	-	108-9259	

TITAN Needle Tine

Mount	Length	ID	OD	Wall Thickness	Part Number	TITAN® Max Part Number
Needle	6.43"	-	.188"	-	100-3620	
Needle	7.38"	-	.313"	-	100-3621	
Needle	5.43"	-	5mm	-	125-3319	

Prices subject to change without notice.

QUICK REFERENCE

SR Series Deep Tine

Mount	Length	ID	OD	Wall Thickness	Part Number	TITAN® Max Part Number
5/16"	10.00"	-	.31"	-	SGS08313	
5/16"	8.50"	-	.31"	-	SGS07313	
12 mm	10.00"	.56"	.75"	-	SGC10754	
12 mm	10.00"	.56"	.75"	-	SGC10755*	
12 mm	10.00"	.56"	.81"	-	SGC10813H	
12 mm	10.75"	-	.47"	-	SGS10504	
12 mm	12.25"	-	.47"	-	SGS10500	
12 mm	14.25"	-	.47"	-	SGS12500	
12 mm	16.25"	-	.47"	-	SGS14500	
12 mm	7.00"	.52"	.69"	-	SGC07624	
12 mm	7.00"	.52"	.69"	-	SGC07625*	
12 mm	7.00"	.56"	.81"	-	SGC07754	
12 mm	7.00"	.56"	.81"	-	SGC07750*	
12 mm	8.00"	-	.47"	-	SGS08500	
18 mm	10.00"	.56"	.75"	-	SGC10750	
18 mm	10.00"	.74"	1.06"	-	SGC10100H	
18 mm	10.00"	.76"	1.00"	-	SGC10100S	
18 mm	12.00"	.94"	1.31"	-	SGC12125	
18 mm	12.25"	-	.71"	-	SGS10750	
18 mm	12.50"	-	.88"	-	SGS10875	
18 mm	14.00"	-	.88"	-	SGS12875	
18 mm	14.25"	-	.71"	-	SGS12750	
18 mm	16.00"	-	.88"	-	SGS14875	
18 mm	16.25"	-	.71"	-	SGS14750	
18 mm	8.00"	.74"	1.06"	-	SGC08100H	
18 mm	8.00"	.94"	1.31"	-	SGC08125	
3/8"	10.75"	-	.38"	-	SGS10374	
3/8"	12.25"	-	.38"	-	SGS10375	
3/8"	5.50"	.38"	.50"	-	SGC05550	
3/8"	9.00"	-	.38"	-	SGS08375	
7/8"	12.00"	.94"	1.31"	-	SGC12123	
7/8"	12.50"	-	.88"	-	SGS10876	
7/8"	14.00"	-	.88"	-	SGS12876	
7/8"	15.75"	-	.88"	-	SGS14876	
7/8"	17.88"	-	1.00"	-	SGS16100	
7/8"	8.00"	.94"	1.31"	-	SGC08123	

*Longer shank tine.

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