



JRM
SPOONS / TINES
UNTERMESSER / BEDKNIVES
SICHELMESSER / ROTARY BLADES
VERTIKUTIERMESSER / CUTTING BLADES
SCHLEIFSCHEIBEN / GRINDING WHEELS



20190725





Wir haben uns über die Jahre den Ruf als führende Rasen-Experten erarbeitet. Mit dieser Stärke wollen wir auch in Zukunft punkten. Deshalb legen wir größten Wert darauf, sowohl bei unseren Service-Leistungen als auch bei den Produkten stets am Puls der Zeit zu bleiben. Und wenn möglich, sogar den berühmten Schritt voraus zu sein!

DI Stephan Breisach
Geschäftsführer

Die TURF Handels GmbH wurde 1994 von DI Stephan Breisach, einem anerkannten Sachverständigen für Golfplatzpflege, Gutachter und Ausbilder an Greenkeeper-Akademien, gegründet. Als Experte in Sachen Rasen-Düngung und -Pflege war es von Anfang an sein Ziel, TURF als kompetenten Partner für die Pflege hochwertiger Rasen-Flächen zu etablieren. Heute zählt das Team mehr als 15 hoch qualifizierte MitarbeiterInnen.

TURF zeichnet sich durch ein umfassendes Service-Programm aus, das zielgenau auf die individuellen Anforderungen jedes Platzes eingeht. Von qualifizierten Analysen über Beratungen bis zur laufenden Betreuung enthält es alle Leistungen, die ein perfektes Grün erfordert. Ergänzend dazu bietet TURF eine Produkt-Palette, die von Dünger über Saatgut bis zu Kleingeräten, Maschinen und Ersatzteilen reicht. Auch hier setzen wir auf die Top-Qualität führender Marken.

Zu den Kunden von TURF zählen Betreiber von namhaften Golf- und Sportplätzen in Österreich, Deutschland, der Schweiz, Slowenien und Italien.

Sie sind verantwortlich für die Erhaltung von Rasenflächen oder deren Pflege? Bei uns erhalten Sie fachmännische Beratung und Unterstützung für alle Fragen rund um ihre Rasenflächen.

Wir bieten Ihnen:

- ★ Innovative Maschinen und Kleingeräte für die Rasenpflege
- ★ Spoons für die Rasenbelüftung
- ★ Ersatzteile für die Rasenpflegemaschinen
- ★ Umfassende Beratung zu allen Fragen rund um die Rasenpflege
- ★ Bodenanalyse
- ★ Anpassung der Düngepläne an budgetäre Vorgaben
- ★ Spezielle Lösungen bei Problemen wie Hitze, Überschwemmungen, Trockenheit
- ★ Düngemittel und Bodenhilfsstoffe
- ★ Saatgut
- ★ Rasenmarkierfarbe und Zubehör

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MEISTVERWENDETE PRODUKTE / MOSTLY USED PRODUCTS

Hohl Spoons / Coring Tines (John Deere, Toro)

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall | Alt. Spoon Alternate Part |
|---------------------------|----------------------------------|-----------------|------------------------|-----------------|-----------------|--------------------|------------------------------|
| 1D500101 | Premium 1/2" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1T500102 |
| 1D500104 | Premium 1/2" top-eject tine | 12,0cm (4.75") | 19,0mm (3/4") | 9,9mm (.390") | 14,7mm (.580") | 1,8mm (.072") | n/a |
| 1D500105 | Premium 1/2" top-eject tine | 15,2cm (6") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1T500105 |
| 1D625101 | Premium 5/8" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1T625102 |
| 1D625104 | Premium 5/8" top-eject tine | 12,0cm (4.75") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1T625101 |
| 1D625105 | Premium 5/8" top-eject tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1T625105 |
| 1D625501 | DILLENNIUM® 5/8" top-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1T625502 |
| 1D625504 | DILLENNIUM® 5/8" top-eject tine | 12,7cm (5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1T625501 |
| 1D625505 | DILLENNIUM® 5/8" top-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1T625505 |
| 1DS500105 | Premium 1/2" side-eject tine | 15,2cm (6") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1TS500105 |
| 1DS625101 | Premium 5/8" side-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1TS625102 |
| 1DS625105 | Premium 5/8" side-eject tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1TS625105 |
| 1DS625501 | DILLENNIUM® 5/8" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1TS625502 |
| 1DS625505 | DILLENNIUM® 5/8" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1TS625505 |
| 1TS625506 | DILLENNIUM® 5/8" side-eject tine | 16,5cm (6.50") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | n/a |

Hohl Spoons zur Tiefenbelüftung / Coring Deep Tines (Verti-Drain, Wiedenmann)

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|------------------------------------|----------------------------|--------------------------|------------------------|-----------------|-----------------|--------------------|
| 1DT375101 | Premium 3/8" fixed shank Deep Tine | 15,2cm (6") | 12,7cm (5") | 8mm (5/16") | 6,0mm (.240") | 8,3mm (.330") | 1,5mm (.060") |
| 1DT625103 | Premium 5/8" Deep Tine | 20,8cm (8.17") | 17,8cm (7") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT750106 | Premium 3/4" Deep Tine | 28,9cm (11.375") | 25,4cm (10") | 12mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT625106 | Premium 5/8" fixed shank Deep Tine | 22,9cm (9") | 17,8cm (7") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1WT812101 | Premium 13/16" deep tine | 28,7cm (11.3") | 25,4cm (10") | 12mm dimple | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812103 | Premium 13/16" deep tine | 18,5cm (7.3") | 15,2cm (6") | 12mm dimple | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |

Quad Spoons / Quad Tines (John Deere, Toro)

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|---------------------------|---|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1Q250101 | Premium 1/4" Quad Tine | 8,8cm (3.5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250103 | Premium 1/4" Quad Tine | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250503 | DILLENNIUM® 1/4" Quad Tine | 13,0cm (5.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1QT250503 | DILLENNIUM® 1/4" Quad Tine (with Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| NEW 1QT250109 | Premium 1/4" Side-eject Quad Tine | 15,2cm (6") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| NEW 1QT250509 | DILLENNIUM® 1/4" Side-eject Quad Tine | 15,6cm (6.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1Q375105 | Premium 3/8" Quad Tine | 11,4cm (4.5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375111 | Premium 3/8" Quad Tine | 12,7cm (5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375504 | DILLENNIUM® 3/8" Quad Tine | 11,7cm (4.625") | 19,0mm (3/4") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375505 | DILLENNIUM® 3/8" Quad Tine | 11,7cm (4.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q450104 | Premium Magnum Lite™ Tine | 11,4cm (4.5") | 9,5mm (3/8") | 8,8mm (.350") | 12,4mm (.490") | 1,6mm (.065") |
| 1Q500111 | Premium 1/2" Magnum Quad™ Tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500503 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 14,2cm (5.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1QT250103 | Premium 1/4" Quad Tine (with Toro® shank) | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1QT250105 | Premium 1/4" Quad Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1QT375505 | DILLENNIUM® 3/8" Quad Tine (with Toro® shank) | 11,7cm (4.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| NEW 1QT375113 | Premium 3/8" Quad Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| NEW 1QT375513 | DILLENNIUM® 3/8" Quad Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1QT500103 | Premium 1/2" Magnum Quad™ Tine (with Toro® shank) | 13,9cm (5.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |

Greenbay Spoons / Greenbay Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|---------------------------|---------------------------------------|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1RG875102 | Premium Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 19,0mm (3/4") | 14,6mm (.575") | 19,6mm (.775") | 2,4mm (.095") |
| 1RS875102 | Premium Side-eject Greenbay Tine 7/8" | 14,1cm (5.55") | 22,2mm (7/8") | 15,2mm (.600") | 21,3mm (.840") | 3,0mm (.120") |



MEISTVERWENDETE PRODUKTE / MOSTLY USED PRODUCTS

Voll Spoons / Conventional Solid Tines (John Deere, Toro)

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Außen Ø O.D. |
|---------------------------|-----------------------------|-----------------|------------------------|-----------------|
| 2B750123 | Premium Bayonet™ 3/4" rib | 17,7cm (7") | 19,0mm (3/4") | 19,0mm (.750") |
| 2D375104 | Solid 3/8" tine | 12,7cm (5") | 9,5mm (3/8") | 9,5mm (.375") |
| 2D375106 | Solid 3/8" tine | 15,2cm (6") | 9,5mm (3/8") | 9,5mm (.375") |
| 2T250106 | Solid 1/4" tine | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") |
| 2T250107 | Solid 1/4" tine | 15,5cm (6.125") | 9,5mm (3/8") | 6,3mm (.250") |
| 2T250108 | Solid 1/4" tine | 16,5cm (6.5") | 19,0mm (3/4") | 6,3mm (.250") |
| 2T375102 | Solid 3/8" tine | 12,7cm (5") | 19,0mm (3/4") | 9,5mm (.375") |
| 2T375103 | Solid 3/8" tine | 15,2cm (6") | 19,0mm (3/4") | 9,5mm (.375") |
| 2T500102 | Solid 1/2" tine | 12,7cm (5") | 19,0mm (3/4") | 12,7mm (.500") |
| 2T500104 | Solid 1/2" tine | 17,7cm (7") | 19,0mm (3/4") | 12,7mm (.500") |

Voll Spoons zur Tiefenbelüftung / Solid Deep Tines (Verti-Drain, Wiedenmann)

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Arbeitstiefe Working Depth | Schaft Ø Shank Diameter | Außen Ø O.D. |
|---------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|-----------------|
| 2DT312102 | Premium 5/16" Solid Deep Tine | 20,2cm (7.934") | 15,2cm (6") | 8mm (5/16") | 7,9mm (.3125") |
| 2DT312103 | Premium 5/16" Solid Deep Tine | 23,5cm (9.25") | 20,3cm (8") | 8mm (5/16") | 7,9mm (.3125") |
| 2DT500102 | Premium 1/2" Solid Deep Tine | 20,7cm (8.16") | 15,2cm (6") | 12mm | 11,9mm (.472") |
| 2DT500105 | Premium 1/2" Solid Deep Tine | 32,0cm (12.6") | 25,4cm (10") | 12mm | 11,9mm (.472") |
| 2DT500106 | Premium 1/2" Solid Deep Tine | 37,1cm (14.6") | 30,5cm (12") | 12mm | 11,9mm (.472") |
| 2DT750105 | Premium 3/4" Solid Deep Tine | 32,7cm (12.875") | 25,4cm (10") | 18mm | 17,9mm (.708") |
| 2DT750106 | Premium 3/4" Solid Deep Tine | 37,8cm (14.875") | 30,5cm (12") | 18mm | 17,9mm (.708") |
| 2DT750107 | Premium 3/4" Solid Deep Tine | 42,2cm (16.6") | 35,5cm (14") | 18mm | 17,9mm (.708") |
| 2WT100101 | Solid 1" deep tine | 33,7cm (13.25") | 27,9cm (11") | 1:10 cone mount | 24,0mm (.945") |
| 2WT312105 | Solid 5/16" deep tine | 28,8cm (11.35") | 25,4cm (10.25") | 8mm dimple | 7,9mm (.312") |
| 2WT500101 | Solid 1/2" deep tine | 24,4cm (9.61") | 20,3cm (8") | 12mm dimple | 11,9mm (.472") |
| 2WT500102 | Solid 1/2" deep tine | 30,9cm (12.16") | 26,7cm (10.5") | 12mm dimple | 11,9mm (.472") |
| 2WT500103 | Solid 1/2" deep tine | 35,9cm (14.12") | 31,7cm (12.5") | 12mm dimple | 11,9mm (.472") |
| 2WT750107 | Solid 3/4" deep tine | 30,4cm (12") | 24,1cm (9.5") | 1:4 cone mount | 19,0mm (.750") |
| 2WT750101 | Solid 3/4" deep tine | 33,7cm (13.25") | 27,9cm (11") | 1:10 cone mount | 19,0mm (.750") |

Kreuz Spoons / Cross Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Breite Width |
|---------------------------|---|-----------------|------------------------|-----------------|
| 2X500108 | Premium CROSSTINE® 1/2" rib for John Deere and Toro | 13,9cm (5.5") | 19,0mm (3/4") | 12,7mm (.500") |
| 2X500109 | Premium CROSSTINE® 1/2" rib for John Deere and Toro | 13,9cm (5.5") | 9,5mm (3/8") | 12,7mm (.500") |
| 2X500111 | Premium CROSSTINE® 1/2" rib for Verti-Drain | 13,9cm (5.5") | 12mm | 12,7mm (.500") |

Fairway Spoons / Fairway Tines (Verti-Drain)

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|--|----------------------------|--------------------------|------------------------|-----------------|-----------------|--------------------|
| 1FS625101 | Premium 5/8" Fairway Tine with Mustang® shank ¹ | 18,3cm (7.19") | 15,2cm (6") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS625102 | Premium 5/8" Fixed Mount Fairway Tine with Mustang® shank ¹ | 18,2cm (7.17") | 15,2cm (6") | 12mm | 9,9mm (.390") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS625103 | Premium 5/8" Fixed Mount Fairway Tine | 20,3cm (8") | 17,7cm (6.97") | 12mm | 10,3mm (.406") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS750502 | DILLENNIUM® 3/4" Fixed Mount Fairway Tine with Mustang® shank ¹ | 17,6cm (6.92") | 14,6cm (5.75") | 12mm | 11,1mm (.440") | 19,0mm (.750") | 1,8mm (.072") |
| 1FS812103 | Premium 13/16" Fairway Tine with VERTI-DRAIN® shank | 18,6cm (7.33") | 15,2cm (6") | 12mm | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |

PREMIUM
 DILLENNIUM®

Geschichte

JRM, Inc., mit Sitz außerhalb von Winston Salem, N.C., wurde 1992 von James R. Merritt gegründet. Zu diesem Zeitpunkt war Jim Greenkeeper auf einem Golfplatz und immer frustriert über die schlechte Qualität der Aerifizier-Spoons auf dem Markt. Nach umfangreichen Recherchen in Fertigung und Stahl-Prozessen, begann Jim 1994 seine eigenen Spoons in der Garage zu produzieren. Einige Zeit später begann er eigene angepasste Spoons für Greenkeeper-Kollegen herzustellen. Das Ganze entwickelte sich schnell zu einem Vollzeit-Job und JRM Inc. war geboren.

Das Ziel von JRM ist, die Golfindustrie mit den bestmöglichen Produkten zu versorgen. Wir entwickeln neue und innovative Produkte um die Golfplatz-Pflege-Industrie zu verbessern und die Erhaltung und Verbesserung Ihrer Golfanlagen zu vereinfachen. JRM ist sich bewusst welches Vertrauen Sie in uns und unsere Produkte setzen.

Landschaftsgärtner und Dienstleister

JRM's Fachgebiet ist nicht nur der Golfplatz. Unsere Produkte dienen auch als wertvolles Werkzeug für Landschaftsgärtner und Dienstleister. Wir vertreiben den Aerivator-Spoon (2A625101, S. 19) und den Closed Spoon Tine (1N750102 und 1N100103, S. 35), die bei vielen unserer Kunden ein hohes ansehen genießen. Für Dienstleister bieten wir eine komplette Linie von Voll- und Hohlspoons zur Tiefenbelüftung für Wiedenmann®, VERTI-DRAIN® und Soil Reliever®. Unsere Spoons-Linie zur Tiefenbelüftung eignet sich auch für Sportplätze und Rennbahnen.

DILLENNIUM® Spoon

Im Jahr 1997 stellte JRM Inc. den langlebigsten herkömmlichen Aerifizier-Spoon her, den DILLENNIUM®-Spoon. Das Ziel war es einen röhrenförmigen normalen Aerifizier-Spoon zu erschaffen, der mindestens 18 Grüns unter den schwierigsten Bodenverhältnissen standhält. Der DILLENNIUM® Spoon ist mit einem Wort — Wertvoll — und hat den Aerifizier-Prozess revolutioniert. JRM's DILLENNIUM Tip wird auch in unserer Quad, CROSSTINE®, Greenbay, Fairway Side-eject, Deep Tine, Graden®, Vortex Verti-cut Produktlinie angeboten.

DURANIUM-801® Grün-Untermesser/High-cut/ Fairway-Untermesser

Ende 2002 begann JRM mit der Forschung und Entwicklung einer großartigen Grünmäher-Untermesser Produktlinie. Durch umfangreiche Forschungen entdeckten JRM Ingenieure ein einzigartiges Herstellungsverfahren um Untermesser zu prägen. In Kombination mit bewährten hauseigenen Fertigungsprozessen und einem einzigartigen Stahl wissen wir, dass unsere Untermesser alle original OEM Untermesser übertreffen. Die DURANIUM-801® Untermesser reduzieren Spindelabnutzung aufgrund von weniger Schleif- und Backlappingarbeiten. JRM bietet ein umfassendes Sortiment an Grün-Untermessern, High-Cut (Tee-Box, Fringe und aprons) und Fairway-Untermessern für John Deere®, Toro® und Jacobsen®.

Vulcan Untermesser Schleifscheiben

JRM bietet jetzt vier parallel und zwei konische Untermesser Schleifscheiben für Bernhard Anglemaster, Foley, Peerless und Neary Untermesser Schleifeinheiten an. Sie hatten einen sofortigen Erfolg, seit JRM die Linie im Jahr 2009 herausgebracht hat. Die Schleifscheibe verfügt über eine kubische Bornitrid-Oberfläche, die für den Einsatz auf hartem Stahl geeignet ist. Charakteristisch hierfür ist der kühle Schliff, beständiges Schleifen und die Vielseitigkeit.

Bayonet™ und CROSSTINES® (Kreuz-Spoons)

Diese Belüftung-Spoons sind weiterhin ein wichtiges Werkzeug bei der Rettung eines Golfgrüns, bei schwierigen Wetterverhältnissen.

Die Anwendung des Bayonet™ oder CROSSTINES® zu Beginn des Jahres ermöglicht Wurzelverzweigungen. Das bewirkt wiederum eine stärkere und gesündere Wurzeldichte. Je länger Ihr Wurzelsystem, desto stärker werden die Grüns in der trockenen Saison. Außerdem bietet die Verwendung dieses Spoons wenig Verlust der Bepflanzbarkeit während der Hauptsaison.

History

JRM, Inc., based outside Winston-Salem, N.C., was started by James R. Merritt in 1992. Jim was a superintendent at a golf course at the time and was growing frustrated with the lack of quality aerification tines on the market. After extensive research into manufacturing and steel processes, by 1994 Jim started making his own tines out of his garage. Soon after, he started making customized tines for fellow superintendents. It quickly bloomed into a full-time job and JRM, Inc. was born.

At JRM, the goal is to provide the turfgrass maintenance industry with the finest products possible. We are committed to continually challenging the current technology and the quality of materials and design. We are also focused on developing new and unique products that will improve the golf maintenance industry and ease the task of maintaining and improving your golf course. When you use a JRM product, we understand that you are placing great trust in us as well as our products.

Landscapers and Service Contractors

JRM's field of expertise is not solely contained to the golf course. Our products serve as a valuable tool for landscapers and service contractors. We supply the Aerivator tine (2A625101, p. 19) and closed spoon tines (1N750102 and 1N100103, p. 35), which are popular tools for contractors. For service contractors, we offer a full line of solid and coring deep tines for Wiedenmann®, VERTI-DRAIN®, and Soil Reliever®. Our deep tine line is also suited for sports fields and race tracks.

DILLENNIUM® tines

In 1997, JRM, Inc. unveiled the longest lasting conventional aerification tine available today, the DILLENNIUM® tine. The goal was to create a tubular conventional aerification tine that would last a minimum of 18 greens under the most challenging soil conditions. The DILLENNIUM® tine is in a word—value—and has revolutionized the aerification process. JRM's DILLENNIUM tip is also featured in our Quad, CROSSTINE®, Greenbay, Fairway Side-eject, Deep Tine, Graden®, Vortex Verti-cut lines.

DURANIUM-801® Greensmower/High-cut/Fairway bedknives

In late 2002, JRM began research and development to engineer a top-of-the-line greensmower bedknife. Through extensive research, JRM engineers discovered a unique way to manufacture bedknives through coining. Combined with proven in-house manufacturing processes and a unique steel, we feel our bedknives outperform all OEM bedknives. The DURANIUM-801® bedknives will extend your reel life due to reduced sharpening and backlapping. JRM offers an extensive line of Greensmower, High-cut (tee-box, fringe, and aprons), and Fairway bedknives for John Deere®, Toro®, and Jacobsen® mowers.

Vulcan Bedknife Grinding Wheel

JRM now offers four parallel and two tapered bedknife grinding wheel that fit Bernhard Anglemaster, Foley, Peerless, and Neary bedknife grinding units. They have been an instant success since JRM unveiled the line in 2009. The Vulcan wheel features a Cubic Boron Nitride surface generally coveted for its use on hard steels and its cool grinding characteristics, consistent grind and versatility.

Bayonet™ and CROSSTINES®

These venting tines continue to be an important tool in saving a course's greens during difficult weather conditions. Early application of Bayonet™ or CROSSTINES® early in the year allows for deeper root growth and increased root branching and density. The longer your root system, the stronger your greens will become during the dry summer season. Also, the use of these tines provides little playability concerns during a course's busy season.



INFINITY SPOONS

Golfplatz-Greenkeeper, Dienstleistungsunternehmen und Landschaftsgärtner wollten schon immer einen Spoon, der auch unter harten Bedingungen länger hält.

Die Dillenniumspitze revolutionierte den Aerifizierungsprozess vor vielen Jahren und JRM entwickelte eine neue Idee, die den Aerifizierungsprozess noch einmal verändert und verbessert.

INFINITY Spoons erfüllen all diese Anforderungen.

Der neue INFINITY Spoon wird aus einem härteren Stahl hergestellt und zusätzlich im Induktionsverfahren wärmebehandelt, wodurch verbesserte Verschleißigenschaften erreicht werden. Mit dem neuen Herstellungsprozess hält der Spoon 2 – 3 mal länger im Vergleich zu einem Premium bzw. DILLENNIUM Äquivalent.

INFINITY TINES

Golf Course Superintendents, service contractors and landscapers have always wanted a tine that lasts longer under tough conditions. Our INFINITY tines will meet all of those demands.

You'll see a huge difference in the solid and Bayonet tines as JRM added a DILLENNIUM tip to these tines. With the INFINITY coating, these tines are maintaining their length and hole size for an Infinite amount of time.

The new INFINITY features harder steel and an additional heat treat induction process to protect the tip. It will last 2 – 3 times the average life compared to its Premium/DILLENNIUM counterpart while maintaining its length and outside diameter much longer.

NEU / NEW

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. / Breite Blade Width | Wandstärke Wall / Stärke Thickness | Premium/ Dillennium Equivalent |
|---------------------------|--|-----------------|------------------------|-----------------|---|--|--------------------------------------|
| 1QT250183 | Premium INFINITY 1/4" Quad Tine (with Toro® shank) | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") | 1QT250103 |
| 1QT250583 | DILLENNIUM® INFINITY 1/4" Quad Tine (w. Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") | 1QT250503 |
| 1Q375585 | DILLENNIUM® INFINITY 3/8" Quad Tine | 11,7cm (4.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") | 1Q375505 |
| 1QT375581 | DILLENNIUM® INFINITY 3/8" Quad Tine (w. Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") | 1QT375511 |
| 1QT375181 | Premium INFINITY 3/8" Quad Tine | 12,7cm (5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") | 1QT375101 |
| 1QT500183 | Premium INFINITY 1/2" Magnum Quad™ Tine (w. Toro® shank) | 13,9cm (5.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") | 1QT500103 |
| 1QT500583 | DILLENNIUM® INFINITY 1/2" Magnum Quad™ Tine (with Toro® shank) | 14,2cm (5.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") | 1QT500503 |
| 1QT625185 | Premium INFINITY Mag Quad Plus™ Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") | 1QT625105 |
| 1QT625585 | DILLENNIUM® INFINITY Mag Quad Plus™ Tine (w. Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") | 1QT625505 |
| 2T125183 | Premium INFINITY Solid 1/8" tine | 11,4cm (4.5") | 9,5mm (3/8") | | 5,0mm (.200") | | 2T125103 |
| 2T125184 | Premium INFINITY Solid 1/8" tine | 15,2cm (6") | 9,5mm (3/8") | | 5,0mm (.200") | | 2T125104 |
| 2T250186 | Premium INFINITY Solid 1/4" tine | 12,7cm (5") | 9,5mm (3/8") | | 6,3mm (.250") | | 2T250106 |
| 2T250187 | Premium INFINITY Solid 1/4" tine | 15,5cm (6.125") | 9,5mm (3/8") | | 6,3mm (.250") | | 2T250107 |
| 2R250186 | Premium INFINITY Solid 1/4" tine | 12,7cm (5") | 19,0mm (3/4") | | 6,3mm (.250") | | 2R250106 |
| 2T250188 | Premium INFINITY Solid 1/4" tine | 16,5cm (6.5") | 19,0mm (3/4") | | 6,3mm (.250") | | 2T250108 |
| 2D375184 | Premium INFINITY Solid 3/8" tine | 12,7cm (5") | 9,5mm (3/8") | | 9,5mm (.375") | | 2D375104 |
| 2D375186 | Premium INFINITY Solid 3/8" tine | 15,2cm (6") | 9,5mm (3/8") | | 9,5mm (.375") | | 2D375106 |
| 2T375183 | Premium INFINITY Solid 3/8" tine | 15,2cm (6") | 19,0mm (3/4") | | 9,5mm (.375") | | 2T375103 |
| 2T500183 | Premium INFINITY Solid 1/2" Tine | 15,2cm (6") | 9,5mm (3/8") | | 12,7mm (.500") | | 2T500103 |
| 2T500184 | Premium INFINITY Solid 1/2" tine | 17,7cm (7") | 19,0mm (3/4") | | 12,7mm (.500") | | 2T500104 |
| 2T625184 | Premium INFINITY Solid 5/8" tine | 15,2cm (6") | 9,5mm (3/8") | | 15,8mm (.625") | | 2T625104 |
| 2T625182 | Premium INFINITY Solid 5/8" tine | 12,7cm (5") | 19,0mm (3/4") | | 15,8mm (.625") | | 2T625102 |
| 2D750182 | Premium INFINITY Solid 3/4" tine | 17,7cm (7") | 19,0mm (3/4") | | 19,0mm (.750") | | 2D750102 |
| 2B750827 | Premium INFINITY Bayonet™ 3/4" rib | 17,7cm (7") | 9,5mm (3/8") | | 19,0mm (.750") | 4,8mm (.190") | 2B750127 |
| 2BT750837 | Premium INFINITY Bayonet™ 3/4" rib (with Toro shank) | 15,2cm (6") | 9,5mm (3/8") | | 19,0mm (.750") | 4,8mm (.190") | 2BT750137 |
| 2B750813 | Premium INFINITY Bayonet™ 3/4" rib | 12,0cm (4.75") | 19,0mm (3/4") | | 19,0mm (.750") | 4,8mm (.190") | 2B750113 |
| 2B750823 | Premium INFINITY Bayonet™ 3/4" rib | 17,7cm (7") | 19,0mm (3/4") | | 19,0mm (.750") | 4,8mm (.190") | 2B750123 |
| 1DS625581 | 5/8" DILLENNIUM INFINITY side-eject coring tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625501 |
| 1DS625185 | 5/8" Premium INFINITY side-eject coring tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1DS625105 |
| 1DS625585 | 5/8" DILLENNIUM INFINITY side-eject coring tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625505 |
| 1DS500585 | 1/2" DILLENNIUM INFINITY side-eject coring tine | 15,8cm (6.25") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS500505 |



2D375586



1QT250583



1QT500183



1QT375585

PREMIUM
 DILLENNIUM®
 INFINITY

ARTIKELNUMMERNSYSTEM / TINE TERMINOLOGY

Die erste Stelle der Nummer bezeichnet die Artikelart.
The first character is the part Type.

- 1 = Hohl Spoon
1 = Hollow Aerification Tine
- 2 = Voll Spoon
2 = Solid Aerification Tine
- 3 = Rohr ohne Schaft mit Spannstift
3 = Tube Only (no shank), roll pin included
- 4 = Messer
4 = Blade
- 9 = Verschiedenes u. Adapter
9 = Miscellaneous Part u. Adapter

Die zweite Stelle beschreibt den Hersteller.
The second character designates the manufacturer.

- D = John Deere®
- T = Toro®
- C = Coremaster®
- R = Ryan®
- J = Jacobsen®
- G = Graden®
- A = Aerovator®
- F = Fairway
- N = Drum style aerifer
- DT = Deep Tine [ie. VERTI-DRAIN® & Soil Reliever®]
- Q = Quad Tine
- X = CROSTINES®
- B = Tine Holder and Bedknife
- DL = Dillennium® Lite
- RG = Greenbay
- S = Side-eject [ie. FS= Fairway, side-eject]
- W = Wiedenmann®
- E = Economy
- V = DILLENNIUM® Vortex

Die nächsten drei Stellen bezeichnen die Größe des Teiles als Dezimalzahl in Zoll.
The next three characters designate the size of the part as a decimal fraction.

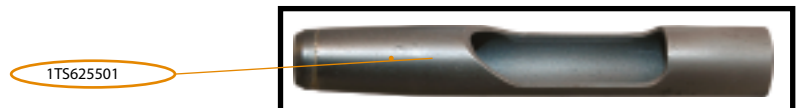
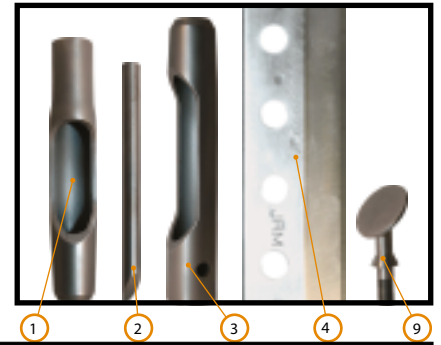
Die nächsten zwei Stellen definieren die Warengruppe.
The next two characters identify the general group for this part.

- 100 Serie = Standard oder Premium Spoon
100 Series = Standard or Premium part
- 500 Serie = DILLENNIUM® Spitze
500 Series = DILLENNIUM® a "vastly improved" and unique item (DILLENNIUM®)

Die letzte Stelle ist die individuelle Nummer.
The last character is the individual item.

Beispiel-Artikelnummer 1TS 625 50 1 ist ein:
5/8" DILLENNIUM®, Seitenauswurf Spoon, welcher auf einen Toro® passt

Example - Part number 1 TS 625 50 1 is a:
5/8" DILLENNIUM®, side-eject aerification tine, that will fit on a Toro®



SPOONS BEZEICHNUNGEN

Es gibt zwei wichtige Maße, die notwendig sind, um den richtigen Spoon auszuwählen: die **Gesamtlänge** und die **Aufnahme**. Die Gesamtlänge ist wichtig für die Funktion des jeweils verwendeten Gerätes. Wenn die Aufnahme nicht passt, hält der Spoon nicht im Montageblock.

Der Außendurchmesser an einem Deep Tine ist üblicherweise der Außendurchmesser des Rohrmaterials. Bei normalen Spoons (Conventional Tines) wird aber der Außendurchmesser am zulaufenden Ende gemessen. Diese zwei Durchmesser können variieren, da alle Spoons sich zur Spitze hin verjüngen um das Material herauszuziehen. Der Innendurchmesser ist das Schneidemaß, dass aus dem Durchmesser des Aerifiziermaterials resultiert.

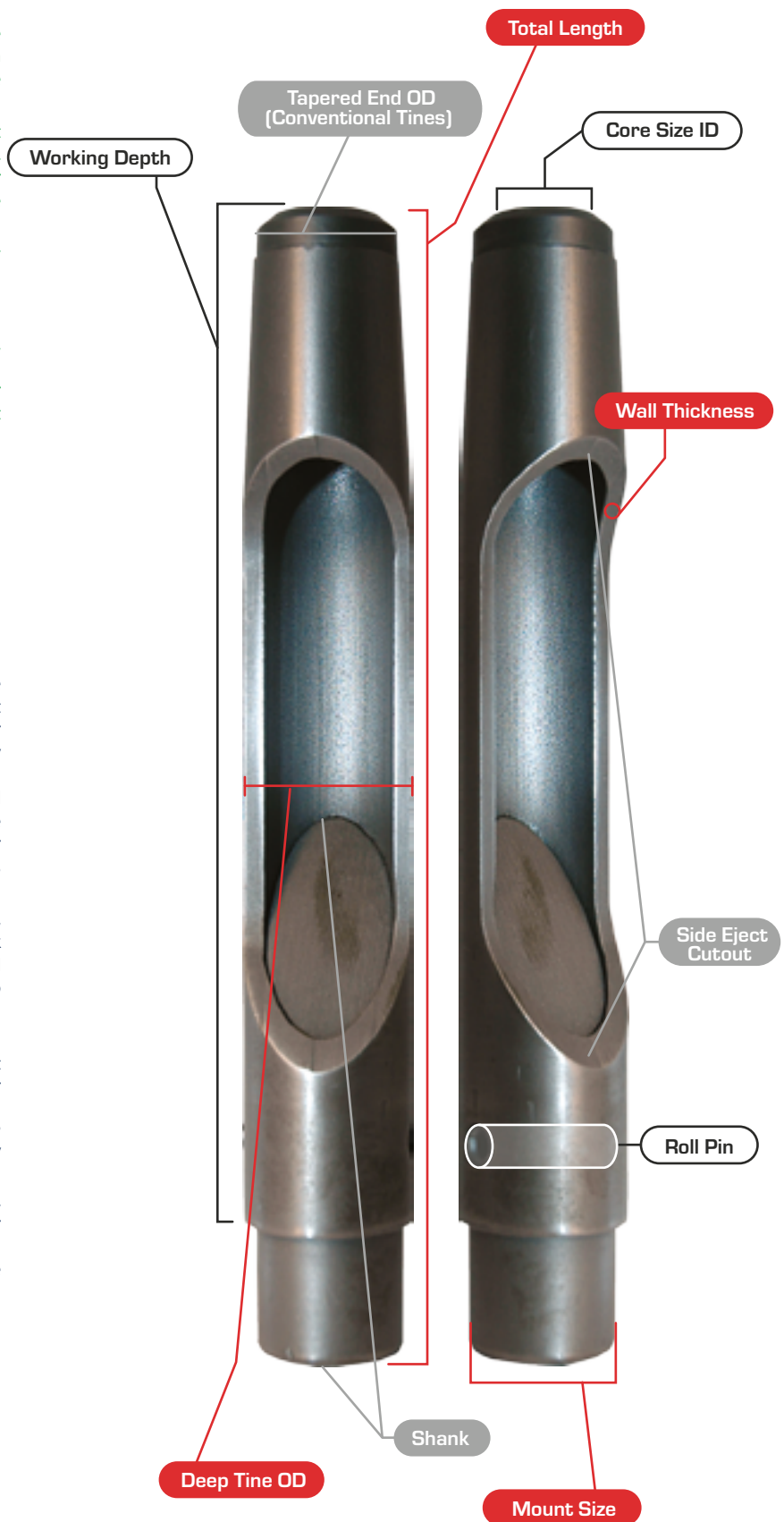
Wenn Sie sich bei der Anschaffung zwischen einem DILLENNIUM® - oder Premium Spoon entscheiden wollen, bedenken Sie, daß ein DILLENNIUM® Spoon 3 bis 4 mal solange hält. Wenn Sie aber mit stark steinigem Boden oder Fremdmaterial rechnen müssen, sollten Sie sich vielleicht doch für Premium Spoons entscheiden.

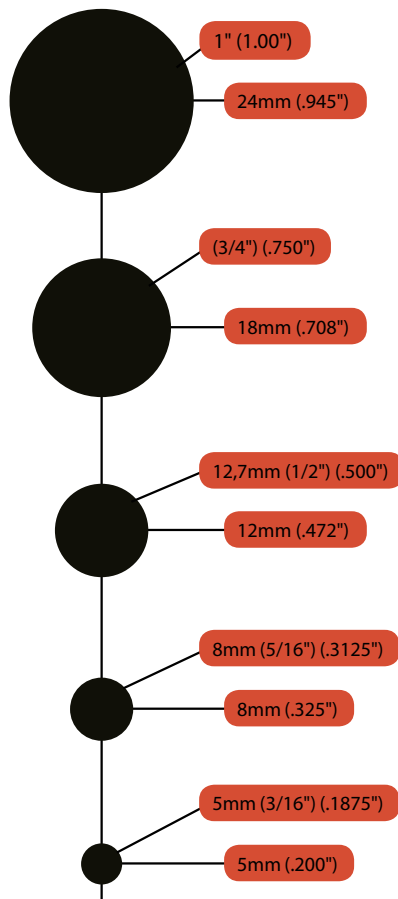
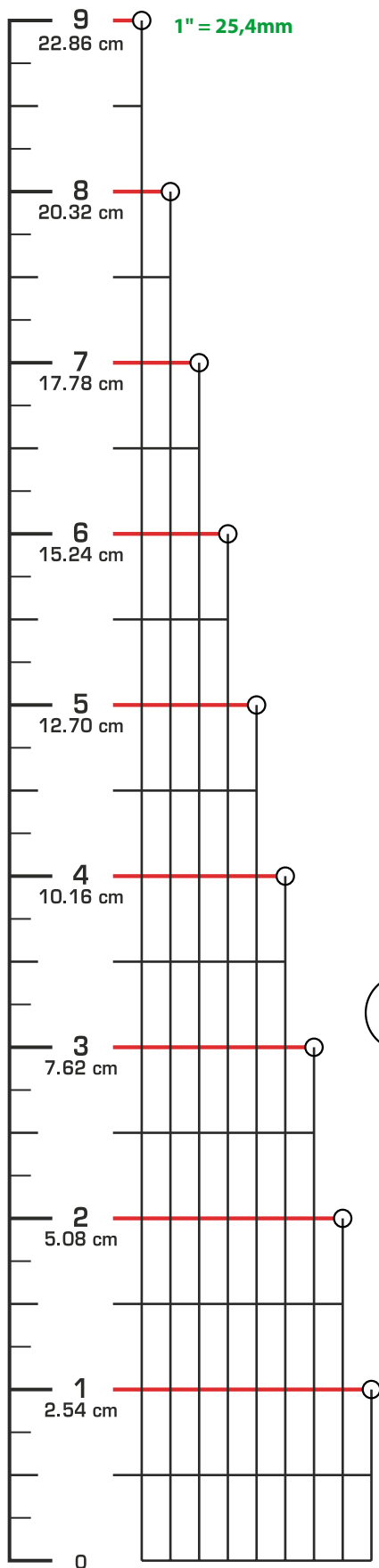
TERMS TO KNOW

The terminology and specification conventions we use to describe both conventional and deep tines were not created by JRM. In actuality, they have been in existence for many years. There are two critical measurements necessary to selecting the correct tine: total length and mounting diameter. The total length necessity is easy to understand ... a tine that is too long for a specific machine will cause a very big problem, plowing. If the mounting diameter is incorrect, the tine will simply not fit in the machine's mounting bracket.

The OD (outside diameter) on a Deep Tine is, by tradition, the outside diameter of the original production stock (tubular steel). On Conventional Tines, the OD is considered the measurement at the tapered end. These two measurements will vary since all tines must have a taper in order to pull a core.

The ID (inside diameter) is the cutting measurement that will result in the diameter of each core. Carefully consider the tine's ID, since it will determine the diameter of each core. When deciding whether to purchase a DILLENNIUM® tine or a Premium tine one should consider the soil quality/makeup. Since a DILLENNIUM® tine will outlast a Premium tine by a factor of three or four, the choice should be clear. However, if you are likely to encounter excessive rocks or other foreign material you may wish to consider a Premium tine. A Premium tine simply offers less financial loss if a tine breaks but less overall value.

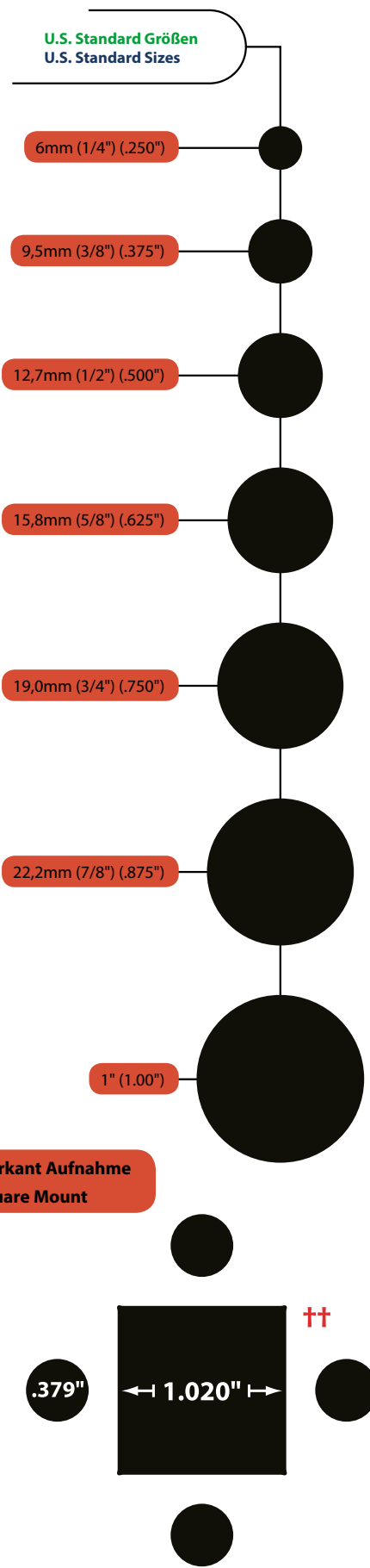
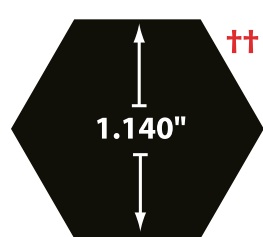
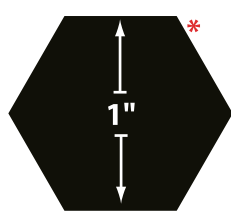




Metrische Größen bei Spoons für Tiefenbelüftung
Metric Sizes Deep Tine Mounts

Graden® & Ryan® Mataway blades*
DILLENNIUM® Vortex VERTI® blades**

Sechskant Aufnahme
Hex Mount



MASCHINEN

Der **Aufnahmedurchmesser** Ihrer Maschine und die **korrekte Länge** Ihrer Spoons sind die 2 wichtigsten Punkte um den richtigen Spoon zu finden.

Nachstehend finden Sie eine Liste mit den weitverbreitetsten Maschinen der Marken Toro®, John Deere®, Jacobsen®, Coremaster®, Ryan®, VERTI-DRAIN®, Soil Reliever® und Wiedenmann® sowie die dazugehörigen Aufnahmemäße zu den einzelnen Maschinen. Die kleineren Aufnahmen (1/2", 3/8") repräsentieren die Maße der Halterungsblöcke zur Nutzung für die Quad Produktlinie und Voll Spoons. **Vorsicht bei Coremaster®!** Diese haben einen anderen Aufnahmedurchmesser. Für diese Maschinen bieten wir Kreuz Spoons und Voll Spoons an. Bitte beachten Sie auch die spezifische Aufnahme der Wiedenmann® Maschinen. Diese Maschinen benötigen eine 8mm, 12mm gelochte Aufnahme oder eine konische Gewindeaufnahme von 1:10 oder 1:4.

Bitte lesen Sie immer zuerst die Gebrauchsanweisung Ihrer Maschine bevor Sie einen Spoon auswählen, das hilft Ihnen festzustellen, welche Aufnahme Sie auf Ihrer Maschine anwenden können. Beachten Sie auch die Länge der Spoons, alle Maschinen sind unterschiedlich. Bei John Deere® Maschinen können Sie mit gutem Gewissen einen Spoon länger als 5" benutzen wobei wiederum Ryan® eine Länge von 4.5" empfiehlt. Falls Sie planen, einen längeren Spoon zu nehmen als die empfohlene Länge, geben Sie bitte Acht, dass Sie während des Aerifizierens ein Auge auf die Spoons haben, sodass Sie keinen Pflüegeffekt auf Ihrem Boden verursachen.

MACHINES

The mounting diameter of your machine, and the proper length of tine needed for your aerification are the two most important factors you should consider when selecting the correct tine.

Located below is a list of the most popular machines from Toro®, John Deere®, Ryan®, VERTI-DRAIN®, Soil Reliever®, and Wiedenmann®, and the corresponding mounting diameter options available for each machine.

The smaller mounts (1/2", 3/8") represent the Quad blocks used for our Quad line and solid/venting tines, and we also offer CROSSTINES® and solid tines to fit these machines.

Please take note of the unique mounts for the Wiedenmann® machines as well. The machines require the 8mm, 12mm dimple mount, or the 1:10 and 1:4 conical screw mount. Please consult your machine manual before choosing a tine.

This chart will help you determine what mounts can fit on your specific machine and determine what type of options you have when selecting a tine.

Also pay attention to a tine's length. All machines are different. Toro® and John Deere® machines can take a tine longer than 6", but Ryan® has a recommended tine height of 4.5". So if you plan to use a tine longer than the recommended height, please keep a close eye on the tines during aerification to make sure they are not creating a plowing effect on your greens.

| Maschine Machines | Empfohlene Max. Länge (Arbeitstiefe) Recommended Max. Length (Working Depth) | 9,5mm (3/8") | 12,7mm (1/2") | 15,8mm (5/8") | 19,0mm (3/4") | 22,2mm (7/8") | 8mm | 12mm | 18mm | 24mm |
|---|---|-----------------|------------------|------------------|------------------|------------------|----------|----------|-----------------|------|
| Toro® Greens Aerator | 11,4cm (4.5") | x | | | x | x | | | | |
| Toro® ProCore 648 | 16,5cm (6.5") | x | | | x | x | | | | |
| Toro® ProCore 864/1298 | 17,7cm (7") | x | | | x | x | | | | |
| Toro® ProCore 440/660/880 | 17,7cm (7") | x | | | x | x | | | | |
| Toro® Fairway Aerifier | 17,7cm (7") | | | | x | x | | | | |
| John Deere® 800 | 13,9cm (5.5") | x | | | x | x | | | | |
| John Deere® 1000 | 17,7cm (7") | | | | x | x | | | | |
| John Deere® 1500 | 17,7cm (7") | | | | x | x | | | | |
| John Deere® 2000 | 17,7cm (7") | | | | x | x | | | | |
| Ryan® GA-24 | 11,4cm (4.5") | x | x | x | x | | | | | |
| Ryan® GA-30/60 | 12,7cm (5") | x | x | x | x | x | | | | |
| Coremaster® 6/12 | 12,7cm (5") | | | | 18,5mm (.730) | | | | | |
| Coremaster® Precision 1200/1560 | 12,7cm (5") | | | | | 21,2mm (.835) | | | | |
| VERTI-DRAIN® 7007/7007H/ 7110/7113/7117 | 15,2cm (6") | | | | | | x | x | x | |
| VERTI-DRAIN® 7120 | 20,3cm (8") | | | | | | x | x | x | |
| VERTI-DRAIN® 7212/7215 | 25,4cm (10") | | | | | | | x | x | x |
| VERTI-DRAIN® 7416 | 35,5cm (14") | | | | | | | x | x | x |
| VERTI-DRAIN® 7626/ 7316/7521/7526 | 40,6cm (16") | | | | | | | x | x | x |
| Soil Reliever® (SR) 54 | 25,4cm (10") | | | | | | | x | x | |
| Soil Reliever® (SR) 48 | 30,4cm (12") | | | | | | | x | x | |
| Soil Reliever® (SR) 72/75HD/80 | 40,6cm (16") | | | | | | | x | x | |
| Wiedenmann® Terra Spike GXi/XF/XD/XP | 25,4cm (10") | | | | | | (Dimple) | (Dimple) | (Conical screw) | |
| Wiedenmann® Greens Terra Spike | 25,4cm (10") | | | | | | (Dimple) | (Dimple) | (Conical screw) | |

HOHL SPOONS

JRM stellt eine breite Auswahl an Hohl Spoons für den ganzen Aerifizierbereich zur Verfügung. JRM produziert Standard Spoons für die meisten John Deere®, Toro®, Coremaster®, Jacobsen® und Ryan® Aerifiziermaschinen.

Premium Spoons: JRM Premium Hohlspoons sind aus qualitativ hochwertigen 4140 legiertem Stahl hergestellt, jedoch halten sie nicht so lange wie ein DILLENNIUM® Hohlspoon. Ein Premium Spoon hält durchschnittlich 3.000m², abhängig von der Bodenbeschaffenheit. JRM bietet eine Vielzahl von Längen und Außendurchmessern mit Seitenauswurf oder Top-Eject, speziell für Ihre Bedürfnisse.

DILLENNIUM® Spoons: Die JRM DILLENNIUM® Hohl Spoons sind die langlebigsten Spoons auf dem Markt. JRM's einzigartige Hartmetall Spitze hält viel länger als ein Premium Spoon. DILLENNIUM® Hohl Spoons halten durchschnittlich 12.000m² bevor man diese Auswechseln muss. Die längere Lebensdauer von einem DILLENNIUM® Spoon wird Ihre Ausfallzeiten erheblich verringern und daher Ihre Arbeitsstunden reduzieren.

Ein wichtiger Vorteil ist auch, dass der DILLENNIUM® Spoon jedes Loch, vom 1. bis zum 18. Grün, in der gleichen Tiefe bearbeitet. Das garantiert eine gleichmäßige Wasser- und Nährstoffaufnahme von Grün zu Grün.

Wie finden Sie den richtigen Spoon? Es gibt mehrere wichtige Charakteristiken, die bei einer JRM-Spoon Bestellung zu beachten sind. Der Vergleich eines JRM Spoons mit einem originalen Spoon zeigt eine dickere Wandstärke bei JRM Spoons. Diese ist notwendig für die besonders lange Standzeit und Stärke. Es ist äußerst wichtig, dass Sie die richtige Aufnahme, bevorzugte Spoon Länge und den idealen Innendurchmesser und Außendurchmesser (Loch) auswählen. Sobald das erreicht ist, haben Sie Ihren idealen Spoon gefunden. Bevor Sie eine endgültige Auswahl vornehmen, stellen Sie sicher, dass Sie unsere Maschinen-Spezifikationsliste auf Seite 11 unseres Kataloges gelesen haben, um die Länge und Spezifikation Ihrer Maschine zu überprüfen.

Neue DILLENNIUM® Spitze: Wir haben das Design unseres DILLENNIUM® Spoons modifiziert. Die Spitze ist etwas dünner, jedoch langlebiger. Das Ziel dieser Änderung war ein saubereres Loch zu erreichen ohne Verlust der Haltbarkeit des DILLENNIUM® Spoons.

Hochbelastbare DILLENNIUM® Spitze: JRM bietet jetzt vier 1/2" Heavy-duty DILLENNIUM® Spoons mit einer 3/4" Aufnahme für Toro® und John Deere® Maschinen an. Diese Spitze ist stärker als unsere normale DILLENNIUM® Spitze. Obwohl diese Spitze kein saubereres Loch als unsere aktuelle Spitze macht, wird sie die schwierigsten Bodenbedingungen überstehen.



CORING TINES

JRM offers a wide variety of conventional coring tines to adhere to all of your aeration needs. JRM standard coring tines are made to fit most John Deere®, Toro®, Coremaster®, Jacobsen®, and Ryan® aeration machines.

Premium tines: JRM Premium coring tines are made of High-quality 4140 alloy steel, but they will not last as long as a DILLENNIUM® coring tine. JRM offers a wide variety of lengths and outside diameters in side-eject and top-eject to fit your specific needs.

DILLENNIUM® tines: JRM's DILLENNIUM® conventional coring tines are the longest lasting tines on the market. JRM's unique carbide tip will last much longer than a Premium tine. DILLENNIUM® tines can last on average 130,000 sq. feet. The longer use-life of a DILLENNIUM® tine will significantly reduce "down time" and therefore reduce your labor hours.

The most significant advantage of DILLENNIUM® tines is that every core you pull, from green 1 to 18, will be exactly the same length. This assures that the water and nutritional uptake is consistent from green to green.

Selecting the correct tine: There are several important characteristics one should keep in mind when deciding which JRM tine to order. Most JRM tines, when compared to an OEM tine, have a wall that is slightly thicker. This is necessary to provide extra wear and strength. It is extremely important that you select the correct mount diameter, preferred tine length, and ideal inside (core) and outside (hole) diameters. Once that is accomplished, you have found your ideal tine. Before you make a final selection, make sure you check our machine specification list on Page 11 of our catalog to be aware of the length and mount specifications of your machine.

New DILLENNIUM® tip: We modified the design of our DILLENNIUM® tip for our conventional coring tines. The tip is slightly thinner but still durable. The goal of this modification was to achieve a cleaner core and still enjoy the durability of a DILLENNIUM® tine.

Heavy-duty DILLENNIUM® tip: JRM offers four 1/2" Heavy-duty DILLENNIUM-tipped tines with a 3/4" mount diameter for Toro® and John Deere® machines. It is thicker than our standard DILLENNIUM® tip. Although it won't pull as clean of a core as our current tip, it will hold up under the most strenuous soil conditions.



- ! Spoons für Grüns. Keine Garantie bei Verwendung auf Fairways und Tees.
 • Tines were designed for use on Greens. Warranty void for use on Tee Boxes and Fairways.

John Deere®

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall | Alt. Spoon Alternate Part |
|-----------------------------|--|-----------------|------------------------|-----------------|-----------------|--------------------|------------------------------|
| 1DS375503 | DILLENNIUM® 3/8" side-eject tine | 11,4cm (4.5") | 15,8mm (5/8") | 6,8mm (.270") | 10,8mm (.425") | 1,8mm (.072") | 1RS375501 |
| 1D375101 | Premium 3/8" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 7,2mm (.285") | 11,4mm (.450") | 1,8mm (.072") | n/a |
| 1DS375101 | Premium 3/8" side-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 7,2mm (.285") | 11,4mm (.450") | 1,8mm (.072") | n/a |
| 1DS375504 | DILLENNIUM® 3/8" side-eject tine | 12,7cm (5") | 19,0mm (3/4") | 6,8mm (.270") | 10,8mm (.425") | 1,8mm (.072") | 1TS375501 |
| 1DS375501 | DILLENNIUM® 3/8" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 6,8mm (.270") | 10,8mm (.425") | 1,8mm (.072") | n/a |
| 1D500103 | Premium 1/2" top-eject tine | 10,7cm (4.25") | 15,8mm (5/8") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1R500101 |
| 1D500503 | DILLENNIUM® 1/2" top-eject tine | 11,4cm (4.5") | 15,8mm (5/8") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1R500501 |
| 1DS500503 | DILLENNIUM® 1/2" side-eject tine | 11,4cm (4.5") | 15,8mm (5/8") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1RS500501 |
| 1D500104 | Premium 1/2" top-eject tine | 12,0cm (4.75") | 19,0mm (3/4") | 9,9mm (.390") | 14,7mm (.580") | 1,8mm (.072") | n/a |
| 1D500504 | DILLENNIUM® 1/2" top-eject tine | 12,7cm (5") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1T500501 |
| 1DS500504 | DILLENNIUM® 1/2" side-eject tine | 12,7cm (5") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1TS500501 |
| 1D500101 (JD #TCU17343) | Premium 1/2" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1T500102 |
| 1DS500101 | Premium 1/2" side-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1TS500102 |
| 1D500501 (JD #TCU17344) | DILLENNIUM® 1/2" top-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1T500502 |
| 1DS500501 | DILLENNIUM® 1/2" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1TS500502 |
| 1D500105 | Premium 1/2" top-eject tine | 15,2cm (6") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1T500105 |
| 1DS500105 | Premium 1/2" side-eject tine | 15,2cm (6") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1TS500105 |
| 1D500505 | DILLENNIUM® 1/2" top-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1T500505 |
| 1DS500505 | DILLENNIUM® 1/2" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1TS500505 |
| 1DS500585 | 1/2" DILLENNIUM INFINITY side-eject coring tine | 15,8cm (6.25") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS500505 |
| 1D500552 | DILLENNIUM® 1/2" top-eject tine (with heavy-duty DILLENNIUM® tip) | 14,6cm (5.75") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1T500552 |
| 1DS500552 (JD #TCU17345) | DILLENNIUM® 1/2" side-eject tine (with heavy-duty DILLENNIUM® tip) | 14,6cm (5.75") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1TS500552 |
| 1D500556 | DILLENNIUM® 1/2" top-eject tine (with heavy-duty DILLENNIUM® tip) | 15,8cm (6.25") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1T500556 |
| 1DS500556 | DILLENNIUM® 1/2" side-eject tine (with heavy-duty DILLENNIUM® tip) | 15,8cm (6.25") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1TS500556 |
| 1D625103 | Premium 5/8" top-eject tine | 10,7cm (4.25") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1R625101 |
| 1D625503 | DILLENNIUM® 5/8" top-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1R625501 |
| 1DS625503 | DILLENNIUM® 5/8" side-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1RS625501 |
| 1D625104 | Premium 5/8" top-eject tine | 12,0cm (4.75") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1T625101 |
| 1D625504 | DILLENNIUM® 5/8" top-eject tine | 12,7cm (5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1T625501 |
| 1DS625504 | DILLENNIUM® 5/8" side-eject tine | 12,7cm (5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1TS625501 |
| 1D625101 (JD #TCU17335) | Premium 5/8" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1T625102 |
| 1DS625101 | Premium 5/8" side-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1TS625102 |
| 1D625501 (JD #TCU17336) | DILLENNIUM® 5/8" top-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1T625502 |
| 1DS625581 | 5/8" DILLENNIUM INFINITY side-eject coring tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625501 |
| 1DS625501 (JD #TCU17337) | DILLENNIUM® 5/8" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1TS625502 |
| 1D625105 | Premium 5/8" top-eject tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1T625105 |
| 1DS625105 | Premium 5/8" side-eject tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1TS625105 |
| 1DS625185 | 5/8" Premium INFINITY side-eject coring tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1DS625105 |
| 1D625505 | DILLENNIUM® 5/8" top-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1T625505 |
| 1DS625505 | DILLENNIUM® 5/8" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1TS625505 |
| 1DS625585 | 5/8" DILLENNIUM INFINITY side-eject coring tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625505 |
| 1D750101 (JD #TCU17454) | Premium 3/4" top-eject tine | 15,2cm (6") | 22,2mm (7/8") | 14,4mm (.570") | 19,4mm (.765") | 2,4mm (.095") | n/a |
| 1DS750101 | Premium 3/4" side-eject tine | 15,2cm (6") | 22,2mm (7/8") | 14,4mm (.570") | 19,4mm (.765") | 2,4mm (.095") | 1TS750102 |
| 1D750501 (JD #TCU17340) | DILLENNIUM® 3/4" top-eject tine | 15,8cm (6.25") | 22,2mm (7/8") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") | 1T750502 |
| 1DS750501 (JD #TCU17341) | DILLENNIUM® 3/4" side-eject tine | 15,8cm (6.25") | 22,2mm (7/8") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") | 1TS750502 |

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PREMIUM DILLENNIUM® INFINITY

! Spoons für Grüns. Keine Garantie bei Verwendung auf Fairways und Tees.
• Tines were designed for use on Greens. Warranty void for use on Tee Boxes and Fairways.

Toro®

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall | Alt. Spoon Alternate Part |
|---------------------------|----------------------------------|-----------------|------------------------|-----------------|-----------------|--------------------|------------------------------|
| 1TS375501 | DILLENNIUM® 3/8" side-eject tine | 12,7cm (5") | 19,0mm (3/4") | 6,8mm (.270") | 10,8mm (.425") | 1,8mm (.072") | 1DS375504 |
| 1TS00101 | Premium 1/2" top-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | n/a |
| 1TS00501 | DILLENNIUM® 1/2" top-eject tine | 12,7cm (5") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS00504 |
| 1TS500501 | DILLENNIUM® 1/2" side-eject tine | 12,7cm (5") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS500504 |
| 1TS00102 | Premium 1/2" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1DS001 01 |
| 1TS500102 | Premium 1/2" side-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1DS500101 |
| 1TS00502 | DILLENNIUM® 1/2" top-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS00501 |
| 1TS500502 | DILLENNIUM® 1/2" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS500501 |
| 1TS00105 | Premium 1/2" top-eject tine | 15,2cm (6") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1DS00105 |
| 1TS500105 | Premium 1/2" side-eject tine | 15,2cm (6") | 19,0mm (3/4") | 10,1mm (.400") | 14,7mm (.580") | 1,8mm (.072") | 1DS500105 |
| 1TS00505 | DILLENNIUM® 1/2" top-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS00505 |
| 1TS500505 | DILLENNIUM® 1/2" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 10,1mm (.400") | 14,4mm (.570") | 1,8mm (.072") | 1DS500505 |
| 1TS00552* | DILLENNIUM® 1/2" top-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1DS00552 |
| 1TS500552* | DILLENNIUM® 1/2" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1DS500552 |
| 1TS00556* | DILLENNIUM® 1/2" top-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1DS00556 |
| 1TS500556* | DILLENNIUM® 1/2" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1DS500556 |
| 1T625101 | Premium 5/8" top-eject tine | 12,0cm (4.75") | 19,0mm (3/4") | 12,4mm (.490") | 16,5mm (.650") | 1,8mm (.072") | 1D625104 |
| 1T625501 | DILLENNIUM® 5/8" top-eject tine | 12,7cm (5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1D625504 |
| 1TS625501 | DILLENNIUM® 5/8" side-eject tine | 12,7cm (5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625504 |
| 1T625102 | Premium 5/8" top-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1D625101 |
| 1TS625102 | Premium 5/8" side-eject tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1DS625101 |
| 1T625502 | DILLENNIUM® 5/8" top-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1D625501 |
| 1TS625502 | DILLENNIUM® 5/8" side-eject tine | 14,6cm (5.75") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625501 |
| 1T625105 | Premium 5/8" top-eject tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1D625105 |
| 1TS625105 | Premium 5/8" side-eject tine | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | 1DS625105 |
| 1T625505 | DILLENNIUM® 5/8" top-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1D625505 |
| 1TS625505 | DILLENNIUM® 5/8" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625505 |
| 1TS625106 | Premium 5/8" side-eject tine | 15,8cm (6.25") | 19,0mm (3/4") | 12,4mm (.490") | 16,7mm (.660") | 1,8mm (.072") | n/a |
| 1TS625506 | DILLENNIUM® 5/8" side-eject tine | 16,5cm (6.50") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | n/a |
| 1T750101 | Premium 3/4" top-eject tine | 12,7cm (5") | 22,2mm (7/8") | 14,1mm (.555") | 19,4mm (.765") | 2,4mm (.095") | n/a |
| 1T750501 | DILLENNIUM® 3/4" top-eject tine | 13,3cm (5.25") | 22,2mm (7/8") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") | n/a |
| 1TS750501 | DILLENNIUM® 3/4" side-eject tine | 13,3cm (5.25") | 22,2mm (7/8") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") | n/a |
| 1TS750102 | Premium 3/4" side-eject tine | 15,2cm (6") | 22,2mm (7/8") | 14,1mm (.555") | 19,4mm (.765") | 2,4mm (.095") | 1DS750101 |
| 1T750502 | DILLENNIUM® 3/4" top-eject tine | 15,8cm (6.25") | 22,2mm (7/8") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") | 1D750501 |
| 1TS750502 | DILLENNIUM® 3/4" side-eject tine | 15,8cm (6.25") | 22,2mm (7/8") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") | 1DS750501 |

TORO® ist eine eingetragene Marke von The Toro Company, Bloomington, MN 55420
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 * Mit Hochleistungs DILLENNIUM® Spitze
 * with heavy-duty DILLENNIUM® tip

Ryan®

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall | Alt. Spoon Alternate Part |
|---------------------------|----------------------------------|-----------------|------------------------|-----------------|-----------------|--------------------|------------------------------|
| 1RS375502 | DILLENNIUM® 3/8" side-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 6,8mm (.270") | 10,8mm (.425") | 1,8mm (.072") | n/a |
| 1RS00101 | Premium 1/2" top-eject tine | 10,7cm (4.25") | 15,8mm (5/8") | 9,6mm (.380") | 13,6mm (.535") | 1,8mm (.072") | 1D500103 |
| 1RS00501 | DILLENNIUM® 1/2" top-eject tine | 11,4cm (4.5") | 15,8mm (5/8") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | 1D500503 |
| 1RS500501 | DILLENNIUM® 1/2" side-eject tine | 11,4cm (4.5") | 15,8mm (5/8") | 10,0mm (.395") | 13,7mm (.540") | 1,8mm (.072") | 1DS500503 |
| 1RS00102 | Premium 1/2" top-eject tine | 10,7cm (4.25") | 19,0mm (3/4") | 9,6mm (.380") | 13,7mm (.540") | 1,8mm (.072") | n/a |
| 1RS00502 | DILLENNIUM® 1/2" top-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 8,8mm (.350") | 13,3mm (.525") | 1,8mm (.072") | n/a |
| 1RS500502 | DILLENNIUM® 1/2" side-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 10,0mm (.395") | 13,7mm (.540") | 1,8mm (.072") | n/a |
| 1R625101 | Premium 5/8" top-eject tine | 10,7cm (4.25") | 19,0mm (3/4") | 12,1mm (.480") | 16,5mm (.650") | 1,8mm (.072") | 1D625103 |
| 1RS625101 | Premium 5/8" side-eject tine | 10,7cm (4.25") | 19,0mm (3/4") | 12,4mm (.490") | 16,5mm (.650") | 1,8mm (.072") | n/a |
| 1R625501 | DILLENNIUM® 5/8" top-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1D625503 |
| 1RS625501 | DILLENNIUM® 5/8" side-eject tine | 11,4cm (4.5") | 19,0mm (3/4") | 12,1mm (.480") | 16,0mm (.630") | 1,8mm (.072") | 1DS625503 |

Ryan® ist eine eingetragene Marke von TEXTRON Turf Care and Specialty Products, Racine, WI 53403
 Ryan® is a registered trademark of TEXTRON Turf Care and Specialty Products, Racine, WI 53403



DILLENNIUM® Lite Spoons

Diese Spoons sind aus dem gleichen hochqualitativen Legierungsstahl wie auch unsere DILLENNIUM® Spoons, einziger Unterschied ist eine etwas geringere Wandstärke. Diese Spoons empfehlen sich für Greenkeeper die feinstmögliche Schnitt und Auswurf-Qualität verlangen. Besonders sinnvoll ist der Einsatz auf neuen und weichen Greens mit hohem Sand- oder Filzgehalt, auf welchen das Aerifizieren problematisch ist. Sehr gut ziehen sie auch weniger komprimierte Auswürfe. DILLENNIUM® Lite Spoons kosten weniger als die Original JRM DILLENNIUM® Spoons. Alle DILLENNIUM® Lite Spoons werfen oben aus (kein Seitenauswurf).

DILLENNIUM® Lite Tines

Our DILLENNIUM® lite tines are made of the same high-quality alloy steel of which our flagship DILLENNIUM® tines are made, but they have a slightly thinner wall. These tines are for the superintendent who demands the very finest possible cut and core quality. The use-life of these tines are not as long as our standard DILLENNIUM® tines, but it will produce the finest coring job available today and will certainly outlast other coring tines. They are especially useful on new or very soft greens with high sand or thatch content where aerification is problematic. They are more likely to pull a core, and the core itself is of higher quality with less compaction. All DILLENNIUM® lite tines are top-ejects, and cost less than a standard JRM DILLENNIUM® coring tine.

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|---------------------------|-----------------------------|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1DL500502 | DILLENNIUM® Lite 1/2" tine | 12,7cm (5") | 19,0mm (3/4") | 10,3mm (.406") | 13,5mm (.534") | 1,3mm (.055") |
| 1DL500503 | DILLENNIUM® Lite 1/2" tine | 15,2cm (6") | 19,0mm (3/4") | 10,3mm (.406") | 13,5mm (.534") | 1,3mm (.055") |
| 1DL625502 | DILLENNIUM® Lite 5/8" tine | 12,7cm (5") | 19,0mm (3/4") | 12,7mm (.502") | 16,3mm (.642") | 1,3mm (.055") |
| 1DL625503 | DILLENNIUM® Lite 5/8" tine | 15,2cm (6") | 19,0mm (3/4") | 12,7mm (.502") | 16,3mm (.642") | 1,3mm (.055") |



PREMIUM
 DILLENNIUM®

QUAD SPOONS

5/8" DILLENNIUM® Quad: Wir bieten Ihnen 7 neue 5/8" Quad Spoons inklusive eines Sortiments von DILLENNIUM® Varianten. Ein Großteil davon hat eine 3/8" Aufnahme in Längen von 4.5", 5.5" und 6". Wir bieten auch einen zusätzlichen DILLENNIUM® Spoon (1Q625501) mit einer 3/4" Aufnahme für den Einsatz auf Standardblöcken für Toro® und John Deere® an.

Quad Spoon Überblick: Quad Spoons sind die kleinsten erhältlichen Hohl Spoons, die den Rasen am wenigsten in Mitleidenschaft ziehen. Hier steht Ihnen unsere Standard Quad (1/4") und Super Quad™ (3/8") Linie zur Verfügung. Mit unserer Magnum Quad Plus™ Spoons Linie bieten wir einige der größten Quad Spoons auf dem Markt an. Aufgrund dessen, dass die Quad Spoons aus einem Stück Stahl gefräst werden, haben diese eine hohe Widerstandsfähigkeit und sind besonders langlebig. Quad Spoons gibt es auch mit unterschiedlichen Wandstärken für Extra-Langlebigkeit. Sie sind ideal für den Einsatz in Zeiten von Stress, oder wenn eine kurze Zuwachperiode gewünscht wird. Quad Spoons können in Standard Montageblöcken (3/4" Halterung) oder in die eng beieinander liegenden "Quad-Blöcke" mit 6 Spoons pro Block verwendet werden. Beliebte Aufnahmegrößen für die Quad-Blöcke sind 3/8" und 1/2". Der DILLENNIUM® Spoon hält mindestens doppelt so lange wie der Premium Quad Spoon.

Optimaler Luftaustausch und Filzreduzierung: Quad Spoons sind auf allen neuen Hybridgräsern und Bermuda Gräsern auf Golfplätzen sehr beliebt. Die Quad Spoons sind speziell für die Filzreduzierung und Maximierung des Gas- und Nährstoffaustausches geeignet. Quad Blöcke ermöglichen einen engeren Abstand, das gibt Ihnen mehr Flexibilität bei der Auswahl Ihrer optimalen Lochgröße.

Toro®-shanked Quad tines: Die 3/8" Aufnahmeblöcke für den Toro® ProCore 648 sind flacher als alle anderen Standard Aufnahmeblöcke. Um eine korrekte Aufnahme zu gewährleisten, verkürzten wir den Schaft auf 1/4". Dies beeinflusst nicht die Gesamtlänge des Spoons, da wir einfach das Rohr unten am Schaft 1/4" verlängert haben. Im Katalog erkennen Sie die Spoons für den Toro® ProCore 648 unter einer "1QT" Artikelnummer.

Bei JRM wissen wir, dass jeder Spoonshersteller eine andere Methode zur Messung des Außendurchmessers des Produktes hat. Wir wollen Ihnen erklären wie JRM den Außendurchmesser der Quad Produktlinie ermittelt.



Der Außendurchmesser entspricht dem Anfangseintritt des Spoons in den Boden. Obwohl der Außendurchmesser zur Aufnahme hin größer wird und die Breite das Loch anfangs größer macht, schrumpft das Loch immer zur Größe des Anfangseintritts zurück. Wir messen den Außendurchmesser am Ende des Konus vom Übergangsschliff. Der Anschein trägt zwar mit bloßem Auge, aber dies ist der Weg, um den Außendurchmesser am genauesten zu ermitteln.

QUAD TINES

5/8" DILLENNIUM® Quad:JRM offers seven 5/8" Quad tines, including a full-line of DILLENNIUM® tip options. A majority of these will feature a 3/8" mount diameter in lengths of 11,4cm (4.5"), 13,9cm (5.5"), and 6". We also offer a DILLENNIUM® tine (1Q625501) with a 3/4" mount for use on standard blocks for Toro® and John Deere®

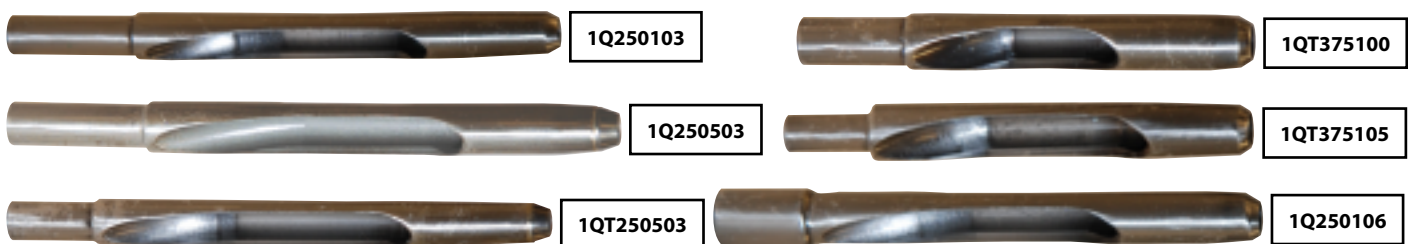
Quad tine overview: Quad tines are the smallest and least invasive coring tines available in our Standard Quad (1/4") and SuperQuad™ (3/8") lines. We also offer some of the largest Quad tines on the market with our line of Magnum Quad Plus™ tines. Our Quad tines are milled from a single rod for enhanced strength and longevity. Quads also come with varying wall thicknesses for extra life. Quad tines are ideal for use during times of stress, or when a short grow-in period is desired. Quads can be used in standard mounting blocks (3/4" mount), or in the closely spaced "Quad blocks" containing 6 tines per block. Popular mount sizes for the Quad blocks are 3/8" and 1/2". The DILLENNIUM® Quad provides at least twice the use-life of the premium Quad.

Optimal gas exchange and thatch removal: Quad tines come in extremely handy with the new hybrid bent and Bermuda grasses. The Quad tines are specifically designed for de-thatching and maximizing gas/nutrient exchange. Quad blocks allow for closer spacing which gives you more flexibility when choosing your optimal core size.

Toro®-shanked Quad tines:The 3/8" mount blocks for the Toro® ProCore 648 are more shallow than all other standard blocks. To ensure a proper fit, we shortened the shank a 1/4". This doesn't affect the overall length of the tine as we simply lengthened the tube a 1/4" down the shank. You'll notice in our catalog that a "1QT" in front of the part number helps designate the Toro® ProCore 648 shanked tines.

At JRM, we are aware that every manufacturer has a different method of measuring the outside diameter of its product. We just want to clarify how we measure ours, especially with our tapered ODs for our quad line.

We determine our OD based on the initial entry of the tine into the soil. Although the OD of the tine is larger toward the mount, and that width may make the hole larger initially, the hole will always shrink back down to the size of initial entry. We measure our OD at the tip right after we cut the stock for the part. It may seem deceiving by looking at the part with the naked eye, but this is the way we've determined to get the most accurate outside diameter measurement.



! Spoons für Grüns. Keine Garantie bei Verwendung auf Fairways und Tees.
• Tines were designed for use on Greens. Warranty void for use on Tee Boxes and Fairways.

Standard Quads

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|----------------------------|--|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1Q250101 | Premium 1/4" Quad Tine | 8,8cm (3.5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1QT250101 | Premium 1/4" Quad Tine (with Toro® shank) | 8,8cm (3.5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250501 | DILLENNIUM® 1/4" Quad Tine | 9,2cm (3.625") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1QT250501 | DILLENNIUM® 1/4" Quad Tine (with Toro® shank) | 9,2cm (3.625") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1Q250105 | Premium 1/4" Quad Tine | 11,4cm (4.5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1QT250105 | Premium 1/4" Quad Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250505 | DILLENNIUM® 1/4" Quad Tine | 11,7cm (4.625") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1QT250505 | DILLENNIUM® 1/4" Quad Tine (with Toro® shank) | 11,7cm (4.625") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1Q250103 (JD #TCU17452) | Premium 1/4" Quad Tine | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1QT250103 | Premium 1/4" Quad Tine (with Toro® shank) | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1QT250183 | Premium INFINITY 1/4" Quad Tine (with Toro® shank) | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250503 (JD #TCU17453) | DILLENNIUM® 1/4" Quad Tine | 13,0cm (5.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1QT250503 | DILLENNIUM® 1/4" Quad Tine (with Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1QT250583 | DILLENNIUM® INFINITY 1/4" Quad Tine (with Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| NEW 1QT250109 | Premium 1/4" Side-eject Quad Tine | 15,2cm (6") | 9,5mm (3/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| NEW 1QT250509 | DILLENNIUM® 1/4" Side-eject Quad Tine | 15,6cm (6.125") | 9,5mm (3/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1Q250108 | Premium 1/4" Quad tine | 18,2cm (7.18") | 12mm | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250102 | Premium 1/4" Quad Tine | 10,1cm (4") | 12,7mm (1/2") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250502 | DILLENNIUM® 1/4" Quad Tine | 10,4cm (4.125") | 12,7mm (1/2") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1Q250106 | Premium 1/4" Quad Tine | 11,4cm (4.5") | 12,7mm (1/2") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250506 | DILLENNIUM® 1/4" Quad Tine | 11,7cm (4.625") | 12,7mm (1/2") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |
| 1Q250107 | Premium 1/4" Quad Tine | 10,1cm (4") | 15,8mm (5/8") | 6,3mm (.250") | 9,8mm (.385") | 1,6mm (.065") |
| 1Q250507 | DILLENNIUM® 1/4" Quad Tine | 10,4cm (4.125") | 15,8mm (5/8") | 6,3mm (.250") | 9,4mm (.370") | 1,6mm (.065") |

Super Quads™

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|----------------------------|--|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1Q375100 | Premium 3/8" Quad Tine | 8,8cm (3.5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1QT375100 | Premium 3/8" Quad Tine (with Toro® shank) | 8,8cm (3.5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375500 | DILLENNIUM® 3/8" Quad Tine | 9,2cm (3.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1QT375500 | DILLENNIUM® 3/8" Quad Tine (with Toro® shank) | 9,2cm (3.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375105 (JD #TCU17347) | Premium 3/8" Quad Tine | 11,4cm (4.5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1QT375105 | Premium 3/8" Quad Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375505 (JD #TCU17348) | DILLENNIUM® 3/8" Quad Tine | 11,7cm (4.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375585 | DILLENNIUM® INFINITY 3/8" Quad Tine | 11,7cm (4.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1QT375505 | DILLENNIUM® 3/8" Quad Tine (with Toro® shank) | 11,7cm (4.625") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375111 | Premium 3/8" Quad Tine | 12,7cm (5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1QT375111 | Premium 3/8" Quad Tine (with Toro® shank) | 12,7cm (5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1QT375181 | Premium INFINITY 3/8" Quad Tine | 12,7cm (5") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375511 | DILLENNIUM® 3/8" Quad Tine | 13,0cm (5.125") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1QT375511 | DILLENNIUM® 3/8" Quad Tine (with Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1QT375581 | DILLENNIUM® INFINITY 3/8" Quad Tine (with Toro® shank) | 13,0cm (5.125") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| NEW 1QT375113 | Premium 3/8" Quad Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| NEW 1QT375513 | DILLENNIUM® 3/8" Quad Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375101 | Premium 3/8" Quad Tine | 8,8cm (3.5") | 12,7mm (1/2") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375501 | DILLENNIUM® 3/8" Quad Tine | 9,2cm (3.625") | 12,7mm (1/2") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375102 | Premium 3/8" Quad Tine | 11,4cm (4.5") | 12,7mm (1/2") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375502 | DILLENNIUM® 3/8" Quad Tine | 11,7cm (4.625") | 12,7mm (1/2") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |
| 1Q375103 | Premium 3/8" Quad Tine | 11,4cm (4.5") | 15,8mm (5/8") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375104 | Premium 3/8" Quad Tine | 11,4cm (4.5") | 19,0mm (3/4") | 8,5mm (.335") | 12,3mm (.485") | 1,8mm (.072") |
| 1Q375504 | DILLENNIUM® 3/8" Quad Tine | 11,7cm (4.625") | 19,0mm (3/4") | 8,3mm (.325") | 12,7mm (.500") | 1,8mm (.072") |

PREMIUM
 DILLENNIUM®
 INFINITY

! Spoons für Grüns. Keine Garantie bei Verwendung auf Fairways und Tees.
• Tines were designed for use on Greens. Warranty void for use on Tee Boxes and Fairways.

Magnum Lite™ Spoons / Magnum Lite™ Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|---------------------------|--|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1Q450104 | Premium Magnum Lite™ Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 8,8mm (.350") | 12,4mm (.490") | 1,6mm (.065") |

Premium & DILLENNIUM® Magnum Quad™ Spoons / Premium & DILLENNIUM® Magnum Quad™ Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|---------------------------|--|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1QT500105 | Premium 1/2" Magnum Quad™ Tine (with Toro® shank) | 8,8cm (3.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500505 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 9,2cm (3.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1QT500505 | DILLENNIUM® 1/2" Magnum Quad™ Tine (with Toro® shank) | 9,2cm (3.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500101 | Premium 1/2" Magnum Quad™ Tine | 11,4cm (4.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1QT500101 | Premium 1/2" Magnum Quad™ Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500501 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 11,7cm (4.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1QT500501 | DILLENNIUM® 1/2" Magnum Quad™ Tine (with Toro® shank) | 11,7cm (4.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500103 | Premium 1/2" Magnum Quad™ Tine | 13,9cm (5.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1QT500103 | Premium 1/2" Magnum Quad™ Tine (with Toro® shank) | 13,9cm (5.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1QT500183 | Premium INFINITY 1/2" Magnum Quad™ Tine (w. Toro® shank) | 13,9cm (5.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500503 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 14,2cm (5.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1QT500503 | DILLENNIUM® 1/2" Magnum Quad™ Tine (with Toro® shank) | 14,2cm (5.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1QT500583 | DILLENNIUM® INFINITY 1/2" Magnum Quad™ Tine (with Toro® shank) | 14,2cm (5.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| NEW 1QT500112 | Premium 1/2" Side-eject Quad Tine | 16,5cm (6.5") | 9,5mm (3/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| NEW 1QT500512 | DILLENNIUM® 1/2" Side-eject Quad Tine | 16,8cm (6.625") | 9,5mm (3/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500106 | Premium 1/2" Magnum Quad™ Tine | 8,8cm (3.5") | 12,7mm (1/2") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500506 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 9,2cm (3.625") | 12,7mm (1/2") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500102 | Premium 1/2" Magnum Quad™ Tine | 11,4cm (4.5") | 12,7mm (1/2") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500502 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 11,7cm (4.625") | 12,7mm (1/2") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500104 | Premium 1/2" Magnum Quad™ Tine | 13,9cm (5.5") | 12,7mm (1/2") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500504 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 14,2cm (5.625") | 12,7mm (1/2") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500107 | Premium 1/2" Magnum Quad™ Tine | 11,4cm (4.5") | 15,8mm (5/8") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500507 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 11,7cm (4.625") | 15,8mm (5/8") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500108 | Premium 1/2" Magnum Quad™ Tine | 11,4cm (4.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500508 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 11,7cm (4.625") | 19,0mm (3/4") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| 1Q500111 | Premium 1/2" Magnum Quad™ Tine | 13,9cm (5.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| 1Q500511 | DILLENNIUM® 1/2" Magnum Quad™ Tine | 14,2cm (5.625") | 19,0mm (3/4") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |
| NEW 1Q500113 | Premium 1/2" Side-eject Quad Tine | 16,5cm (6.5") | 19,0mm (3/4") | 10,1mm (.400") | 14,0mm (.550") | 1,8mm (.072") |
| NEW 1Q500513 | DILLENNIUM® 1/2" Side-eject Quad Tine | 16,8cm (6.625") | 19,0mm (3/4") | 10,1mm (.400") | 14,6mm (.575") | 1,8mm (.072") |

Alle "QT" Spoons die einen verkürzten Schaft haben wurden für den Aerifizierer Toro ProCore® 648 hergestellt
 All "QT" parts have a shortened shank designed for the Toro ProCore® Series 648 aerifier

1Q500103



1Q500508



1Q500111



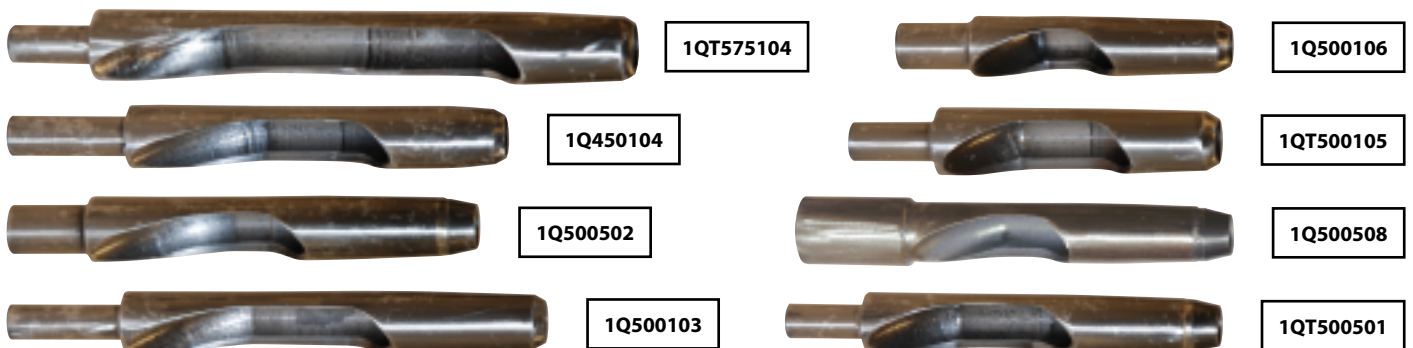
PREMIUM DILLENNIUM® INFINITY



! Spoons für Grüns. Keine Garantie bei Verwendung auf Fairways und Tees.
• Tines were designed for use on Greens. Warranty void for use on Tee Boxes and Fairways.

Magnum Quad Plus™ Spoons / Magnum Quad Plus™ Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|---------------------------|---|-----------------|------------------------|-----------------|-------------------------|--------------------|
| 1Q575103 | Premium Mag Quad Plus™ Tine | 11,4cm (4.5") | 9,5mm (3/8") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1QT575103 | Premium Mag Quad Plus™ Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575503 | DILLENNIUM® Mag Quad Plus™ Tine | 11,4cm (4.5") | 9,5mm (3/8") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1QT575503 | DILLENNIUM® Mag Quad Plus™ Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1Q575108 | Premium Mag Quad Plus™ Tine | 13,4cm (5.30") | 9,5mm (3/8") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1QT575108 | Premium Mag Quad Plus™ Tine (with Toro® shank) | 13,4cm (5.30") | 9,5mm (3/8") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575508 | DILLENNIUM® Mag Quad Plus™ Tine | 13,4cm (5.30") | 9,5mm (3/8") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1QT575508 | DILLENNIUM® Mag Quad Plus™ Tine (with Toro® shank) | 13,4cm (5.30") | 9,5mm (3/8") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1Q575104 | Premium Mag Quad Plus™ Tine | 15,2cm (6") | 9,5mm (3/8") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1QT575104 | Premium Mag Quad Plus™ Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575504 | DILLENNIUM® Mag Quad Plus™ Tine | 15,2cm (6") | 9,5mm (3/8") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1QT575504 | DILLENNIUM® Mag Quad Plus™ Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1Q575105 | Premium Mag Quad Plus™ Tine | 15,2cm (6") | 12mm | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575505 | DILLENNIUM® Mag Quad Plus™ Tine | 15,2cm (6") | 12mm | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1Q575102 | Premium Mag Quad Plus™ Tine | 11,4cm (4.5") | 12,7mm (1/2") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575502 | DILLENNIUM® Mag Quad Plus™ Tine | 11,4cm (4.5") | 12,7mm (1/2") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1Q575107 | Premium Mag Quad Plus™ Tine | 12,7cm (5") | 12,7mm (1/2") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575507 | DILLENNIUM® Mag Quad Plus™ Tine | 12,7cm (5") | 12,7mm (1/2") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| 1Q575106 | Premium Mag Quad Plus™ Tine | 13,9cm (5.5") | 19,0mm (3/4") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q575506 | DILLENNIUM® Mag Quad Plus™ Tine | 13,9cm (5.5") | 19,0mm (3/4") | 11,8mm (.465") | 15,2mm (.600") | 1,6mm (.063") |
| NEW 1Q575110 | Premium .575" Side-eject Quad Tine | 16,5cm (6.5") | 19,0mm (3/4") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| NEW 1Q575510 | DILLENNIUM® .575" Side-eject Quad Tine | 16,8cm (6.625") | 19,0mm (3/4") | 11,9mm (.470") | 15,4mm (.605") | 1,6mm (.063") |
| 1Q625103 | Premium Mag Quad Plus™ Tine | 11,4cm (4.5") | 9,5mm (3/8") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| 1QT625103 | Premium Mag Quad Plus™ Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| 1Q625503 | DILLENNIUM® Mag Quad Plus™ Tine | 11,4cm (4.5") | 9,5mm (3/8") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") |
| 1QT625503 | DILLENNIUM® Mag Quad Plus™ Tine (with Toro® shank) | 11,4cm (4.5") | 9,5mm (3/8") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") |
| 1QT625104 | Premium Mag Quad Plus™ Tine (with Toro® shank) | 13,9cm (5.5") | 9,5mm (3/8") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| 1QT625504 | DILLENNIUM® Mag Quad Plus™ Tine (with Toro® shank) | 13,9cm (5.5") | 9,5mm (3/8") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") |
| 1QT625105 | Premium Mag Quad Plus™ Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| 1QT625185 | Premium INFINITY Mag Quad Plus™ Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| 1QT625505 | DILLENNIUM® Mag Quad Plus™ Tine (with Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") |
| 1QT625585 | DILLENNIUM® INFINITY Mag Quad Plus™ Tine (w. Toro® shank) | 15,2cm (6") | 9,5mm (3/8") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") |
| 1Q625101 | Premium Mag Quad Plus™ Tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| 1Q625501 | DILLENNIUM® Mag Quad Plus™ Tine | 13,9cm (5.5") | 19,0mm (3/4") | 12,9mm (.510") | 16,6mm (.655") | 1,6mm (.063") |
| NEW 1Q625102 | Premium 5/8" Side-eject Quad Tine | 16,5cm (6.5") | 19,0mm (3/4") | 12,7mm (.500") | 16,1mm (.635") | 1,6mm (.063") |
| NEW 1Q625502 | DILLENNIUM® 5/8" Side-eject Quad Tine | 16,8cm (6.625") | 19,0mm (3/4") | 12,9mm (.510") | 16,1mm (.635") | 1,6mm (.063") |



PREMIUM DILLENNIUM® INFINITY

GREENBAY SPOONS

Die Greenbay Spoons sind für höchste Beanspruchung unter den schwierigsten Bodenbedingungen ausgelegt. Da man beim Aerifizieren von Fairways öfter auf Steine und andere versteckte Hindernisse trifft, haben wir die Wandstärke dieses Spoons wesentlich verstärkt. Die JRM Greenbay Spoons gibt es als DILLENNIUM® und Premium Version. Für jene, die mehr Lochtiefe bevorzugen und einen geschäfteten Fairway Spoon haben wollen, entwickelten wir den "FS"; Fairway Seitenauswurf Spoon (siehe Seite 24-25).

Einer unserer beliebtesten Seitenauswurf Spoons ist der mit 13/16". Die "Greenbay" Größen zeichnen sich durch Flexibilität und höchstmögliche Standzeit aus. Sie erhalten diesen Spoon natürlich in DILLENNIUM® und Premium Qualität.

GREENBAY TINES

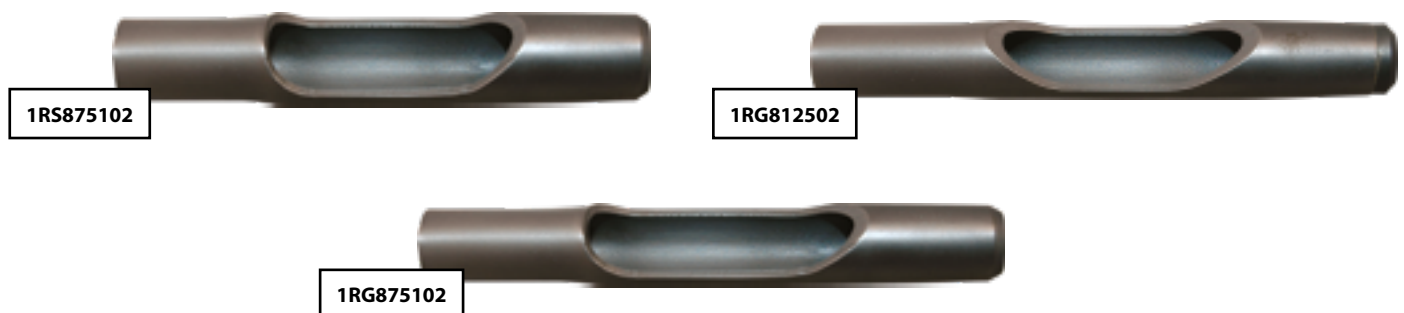
The Greenbay tines are designed to hold up under the most challenging turf conditions. Since one is much more likely to encounter rocks and other hidden obstructions when aerifying fairways, we have substantially increased the wall thickness of these tines. The unique Greenbay tine, developed at the specific request of a prominent Wisconsin golf club, is a shankless solution to the ever increasing problem of fairway compaction. The JRM Greenbay tine is available in both DILLENNIUM® and Premium versions with the only difference being that the Premium version does not have the extra hard DILLENNIUM® tip.

Economy and durability were the key requirements for our development team, and the Greenbay tines offer both in ample supply. The Greenbay tines are made from exactly the same production stock that our well-tested, 1" Deep Tines are made from, but in the shortened length.

For those wishing for the benefits of greater depth and a shanked fairway tine, we have developed the 'FS' Fairway side-eject tines.

Greenbay tines offer an excellent price-to-performance profile since they are shankless and therefore cost less to manufacture. One of our most popular Fairway side-eject tines has been the 13/16" size. Now we have a shankless option of the same popular tine at a significantly reduced cost. The Greenbay sizes offer quality, flexibility, and most importantly, durability at a very affordable price.

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount. Dia. | Innen Ø I.D. | Außen Ø Tapered O.D. | Wandstärke Wall |
|-------------------------------------|--|-----------------|-------------------------|-----------------|-------------------------|--------------------|
| 1RG812102 (John Deere® TCU17456) | Premium Side-eject Greenbay Tine 13/16" | 15,2cm (6") | 19,0mm (3/4") | 12,7mm (.500") | 18,6mm (.735") | 2,6mm (.105") |
| 1RG812502 (John Deere® TCU17457) | DILLENNIUM® Side-eject Greenbay Tine 13/16" | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 18,3mm (.720") | 2,6mm (.105") |
| 1RG875102 (John Deere® TCU17342) | Premium Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 19,0mm (3/4") | 14,6mm (.575") | 19,6mm (.775") | 2,4mm (.095") |
| 1RG875502 | DILLENNIUM® Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 19,0mm (3/4") | 13,6mm (.535") | 18,9mm (.745") | 2,4mm (.095") |
| 1RS875105 | Heavy-Duty Premium Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 19,0mm (3/4") | 15,2mm (.600") | 26,9mm (1.0625") | 3,9mm (.156") |
| 1RS875505 | Heavy-Duty DILLENNIUM® Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 19,0mm (3/4") | 15,2mm (.600") | 26,9mm (1.0625") | 3,9mm (.156") |
| 1RS875102 (John Deere® TCU17331) | Premium Side-eject Greenbay Tine 7/8" | 14,1cm (5.55") | 22,2mm (7/8") | 15,2mm (.600") | 21,3mm (.840") | 3,0mm (.120") |
| 1RS875502 (John Deere® TCU17332) | DILLENNIUM® Side-eject Greenbay Tine 7/8" | 14,1cm (5.55") | 22,2mm (7/8") | 14,9mm (.590") | 21,3mm (.840") | 3,0mm (.120") |
| 1RS875104 | Heavy-Duty Premium Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 22,2mm (7/8") | 15,2mm (.600") | 26,9mm (1.0625") | 3,9mm (.156") |
| 1RS875504 | Heavy-Duty DILLENNIUM® Side-eject Greenbay Tine 7/8" | 15,2cm (6") | 22,2mm (7/8") | 15,2mm (.600") | 26,9mm (1.0625") | 3,9mm (.156") |



 PREMIUM

 DILLENNIUM®



VOLL SPOONS

Venting: Unter Venting versteht man das Belüften des Bodens durch Schlitzten (z.B. mit Bayonet™ oder CROSSTINES™). Sinnvoll, wenn das Aerifizieren mit Spoons aufgrund von Stress oder Hitze problematisch wäre.

Natürlich kann es den herkömmlichen Aerifiziervorgang nicht ersetzen. Es ist jedoch eine gute Alternative, wenn man nach starken Regenfällen mit den herkömmlichen Spoons nicht aerifizieren kann. Weiters hilft es, den Gräsern ein stärkeres und tieferes Wurzelsystem zu bilden.

Um ein gutes Wurzelwachstum zu erreichen, sollte nach dem Aerifizieren mit Hohlspoons nach ca. 4-8 Wochen und dann in regelmäßigen Abständen von ca. 3 Wochen geschlitzt werden.

Es besteht die Möglichkeit zu Winterende bzw. Frühlingsbeginn den Boden zu schlitzten, bevor die Temperaturen günstig sind um mit Hohlspoons zu aerifizieren. Geringer Sauerstoff im Boden, vor allem auf hochwertigen Sandgreens, ist ein Hauptgrund für die langfristige Abnahme der Durchwurzelung.



SOLID TINES

Venting: The slicing aeration technique (using Bayonet™/CROSSTINES® to create lots of short, narrow, close slits) is particularly useful in the summer and periods of stress when aerification would be problematic.

Though it has shortcomings in its ability to solve compaction problems, it makes up for that in its ability to sever the roots releasing growth hormones thus creating a fuller and deeper root system. Venting can be used during periods of heavy rainfall in spring and fall when other methods of aerification are not possible.

This Non-Disruptive Cultivation should be initiated within five to eight weeks after a hollow-tine cultivation operation and repeated on a three-week schedule to maintain a high root zone.

It can also be initiated in late winter/early spring before the temperatures are favorable for hollow-tine core aeration. Low-soil oxygen levels in the winter to early spring are a primary reason for the long-term decline in rooting in high sand greens where summer heat stress is problematic.



Voll Spoons / Conventional Solid Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Außen Ø O.D. | Konus Cone |
|----------------------------|---|-----------------|------------------------|-----------------|---------------|
| 2DT200104 | .200" Needle Tine for Toro® ProCore 648 | 15,5cm (6.125") | 5,0mm (.200") | 5,0mm (.200") | |
| 2DT200105 | .200" Needle Tine for Toro® ProCore 648 | 8,8cm (3.5") | 5,0mm (.200") | 5,0mm (.200") | |
| 2DT250104 | .250" Needle Tine for Toro® ProCore 648 | 15,5cm (6.125") | 6,3mm (.250") | 6,3mm (.250") | |
| 2A625101 | Solid 5/8" Aerivator tine | 11,7cm (4.625") | Geschraubt (Threaded) | 14,8mm (.586") | |
| 2T200101 | Solid 3/16" Hacken (hook) tine | 16,5cm (6.5") | 5mm Hacken (hook) | 5,0mm (.200") | |
| 2T312101 | Solid 5/16" Hacken (hook) tine | 19,0cm (7.5") | 8mm Hacken (hook) | 7,9mm (.312") | |
| 2T125103 | Solid 1/8" tine | 11,4cm (4.5") | 9,5mm (3/8") | 5,0mm (.200") | |
| 2T125183 | Premium INFINITY Solid 1/8" tine | 11,4cm (4.5") | 9,5mm (3/8") | 5,0mm (.200") | |
| 2T125104 | Solid 1/8" tine | 15,2cm (6") | 9,5mm (3/8") | 5,0mm (.200") | |
| 2T125184 | Premium INFINITY Solid 1/8" tine | 15,2cm (6") | 9,5mm (3/8") | 5,0mm (.200") | |
| NEW 2T125105 | Solid 1/8" tine | 13,3cm (5.25") | 9,5mm (3/8") | 5,0mm (.200") | |
| 2R125103 | Solid 1/8" tine | 11,4cm (4.5") | 12,7mm (1/2") | 5,0mm (.200") | |
| 2T250105 | Solid 1/4" tine | 10,7cm (4.25") | 9,5mm (3/8") | 6,3mm (.250") | |
| 2T250106 | Solid 1/4" tine | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | ✓ |
| 2T250186 | Premium INFINITY Solid 1/4" tine | 12,7cm (5") | 9,5mm (3/8") | 6,3mm (.250") | ✓ |
| 2T250107 | Solid 1/4" tine | 15,5cm (6.125") | 9,5mm (3/8") | 6,3mm (.250") | ✓ |
| 2T250187 | Premium INFINITY Solid 1/4" tine | 15,5cm (6.125") | 9,5mm (3/8") | 6,3mm (.250") | ✓ |
| 2R250105 | Solid 1/4" tine | 12,7cm (5") | 12,7mm (1/2") | 6,3mm (.250") | ✓ |
| 2T250104 | Solid 1/4" tine | 10,7cm (4.25") | 19,0mm (3/4") | 6,3mm (.250") | ✓ |
| 2R250106 | Solid 1/4" tine | 12,7cm (5") | 19,0mm (3/4") | 6,3mm (.250") | ✓ |
| 2R250186 | Premium INFINITY Solid 1/4" tine | 12,7cm (5") | 19,0mm (3/4") | 6,3mm (.250") | ✓ |
| 2T250108 | Solid 1/4" tine | 16,5cm (6.5") | 19,0mm (3/4") | 6,3mm (.250") | |
| 2T250188 | Premium INFINITY Solid 1/4" tine | 16,5cm (6.5") | 19,0mm (3/4") | 6,3mm (.250") | |
| NEW 2T250109 | Solid 1/4" tine | 16,5cm (6.5") | 9,5mm (3/8")w | 6,3mm (.250") | |
| 2D375104 (JD #TCU17346) | Solid 3/8" tine | 12,7cm (5") | 9,5mm (3/8") | 9,5mm (.375") | |
| 2D375184 | Premium INFINITY Solid 3/8" tine | 12,7cm (5") | 9,5mm (3/8") | 9,5mm (.375") | |
| 2T375105 | Solid 3/8" Rhino tine | 12,7cm (5") | 9,5mm (3/8") | 9,5mm (.375") | |
| 2D375106 | Solid 3/8" tine | 15,2cm (6") | 9,5mm (3/8") | 9,5mm (.375") | |
| 2D375186 | Premium INFINITY Solid 3/8" tine | 15,2cm (6") | 9,5mm (3/8") | 9,5mm (.375") | |
| 2D375105 | Solid 3/8" tine | 12,7cm (5") | 12,7mm (1/2") | 9,5mm (.375") | |
| NEW 2D375107 | Solid 3/8" tine | 17,7cm (7") | 9,5mm (3/8") | 9,5mm (.375") | |
| 2R375105 | Solid 3/8" Rhino tine | 12,7cm (5") | 12,7mm (1/2") | 9,5mm (.375") | |
| 2T375102 | Solid 3/8" tine | 12,7cm (5") | 19,0mm (3/4") | 9,5mm (.375") | |
| 2T375103 | Solid 3/8" tine | 15,2cm (6") | 19,0mm (3/4") | 9,5mm (.375") | |
| 2T375183 | Premium INFINITY Solid 3/8" tine | 15,2cm (6") | 19,0mm (3/4") | 9,5mm (.375") | |
| NEW 2T375107 | Solid 3/8" tine | 17,7cm (7") | 19,0mm (3/4") | 9,5mm (.375") | |
| 2T500103 | Solid 1/2" Tine | 15,2cm (6") | 9,5mm (3/8") | 12,7mm (.500") | |
| 2T500183 | Premium INFINITY Solid 1/2" Tine | 15,2cm (6") | 9,5mm (3/8") | 12,7mm (.500") | |
| 2R500101 | Solid 1/2" tine | 12,7cm (5") | 12,7mm (1/2") | 12,7mm (.500") | |
| 2T500101 | Solid 1/2" tine | 11,4cm (4.5") | 19,0mm (3/4") | 12,7mm (.500") | |
| 2T500102 | Solid 1/2" tine | 12,7cm (5") | 19,0mm (3/4") | 12,7mm (.500") | |
| | Solid 1/2" tine | 17,7cm (7") | 19,0mm (3/4") | 12,7mm (.500") | |
| 2T500104 | Solid 1/2" tine | 17,7cm (7") | 19,0mm (3/4") | 12,7mm (.500") | |
| 2T500184 | Premium INFINITY Solid 1/2" tine | 17,7cm (7") | 19,0mm (3/4") | 12,7mm (.500") | |
| 2T625104 | Solid 5/8" tine | 15,2cm (6") | 9,5mm (3/8") | 15,8mm (.625") | |
| 2T625184 | Premium INFINITY Solid 5/8" tine | 15,2cm (6") | 9,5mm (3/8") | 15,8mm (.625") | |
| 2T625101 | Solid 5/8" tine | 11,4cm (4.5") | 19,0mm (3/4") | 15,8mm (.625") | |
| 2T625102 (JD #TCU17338) | Solid 5/8" tine | 12,7cm (5") | 19,0mm (3/4") | 15,8mm (.625") | |
| 2T625182 | Premium INFINITY Solid 5/8" tine | 12,7cm (5") | 19,0mm (3/4") | 15,8mm (.625") | |
| 2D625102 (JD #TCU17339) | Solid 5/8" tine | 17,7cm (7") | 19,0mm (3/4") | 15,8mm (.625") | |
| 2D625103 | Solid 5/8" tine | 15,2cm (6") | 15,9mm (5/8") | 15,8mm (.625") | |
| 2T750102 | Solid 3/4" tine | 12,7cm (5") | 19,0mm (3/4") | 19,0mm (.750") | |
| 2D750102 | Solid 3/4" tine | 17,7cm (7") | 19,0mm (3/4") | 19,0mm (.750") | |
| 2D750182 | Premium INFINITY Solid 3/4" tine | 17,7cm (7") | 19,0mm (3/4") | 19,0mm (.750") | |
| 2T750104 | Solid 3/4" tine | 12,7cm (5") | 22,2mm (7/8") | 19,0mm (.750") | |
| 2T750103 | Solid 3/4" tine | 17,7cm (7") | 22,2mm (7/8") | 19,0mm (.750") | |
| 2T875102 | Solid 7/8" tine | 12,7cm (5") | 22,2mm (7/8") | 22,2mm (.875") | |
| 2T875103 | Solid 7/8" tine | 17,7cm (7") | 22,2mm (7/8") | 22,2mm (.875") | |

Bayonet™ Spoons / Bayonet™ Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Breite Blade Width | Stärke Thickness |
|----------------------------|--|-----------------|------------------------|-----------------------|---------------------|
| 2B625102 | Premium Bayonet™ 5/8" rib | 12,0cm (4.75") | 12,7mm (1/2") | 15,8mm (.625") | 4,8mm (.190") |
| 2B625101 | Premium Bayonet™ 5/8" rib | 13,9cm (5.5") | 9,5mm (3/8") | 15,8mm (.625") | 4,8mm (.190") |
| 2BT625101 | Premium Bayonet™ 5/8" rib (with Toro shank) | 13,9cm (5.5") | 9,5mm (3/8") | 15,8mm (.625") | 4,8mm (.190") |
| 2B750110 | Premium Bayonet™ 3/4" rib | 12,0cm (4.75") | 9,5mm (3/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750127 | Premium Bayonet™ 3/4" rib | 17,7cm (7") | 9,5mm (3/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750827 | Premium INFINITY Bayonet™ 3/4" rib | 17,7cm (7") | 9,5mm (3/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750137 | Premium Bayonet™ 3/4" rib | 15,2cm (6") | 9,5mm (3/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2BT750137 | Premium Bayonet™ 3/4" rib (with Toro shank) | 15,2cm (6") | 9,5mm (3/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2BT750837 | Premium INFINITY Bayonet™ 3/4" rib (with Toro shank) | 15,2cm (6") | 9,5mm (3/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750125 | Premium Bayonet™ 3/4" rib | 17,7cm (7") | 12mm | 19,0mm (.750") | 4,8mm (.190") |
| 2B750145 | Premium Bayonet™ 3/4" rib | 24,1cm (9.5") | 12mm | 19,0mm (.750") | 4,8mm (.190") |
| 2B750156 | Premium Bayonet™ 3/4" rib | 27,9cm (11") | 12mm | 19,0mm (.750") | 4,8mm (.190") |
| 2WB750146 | Premium Bayonet™ 3/4" rib for Wiedenmann® | 24,1cm (9.5") | 12mm dimple | 19,0mm (.750") | 4,8mm (.190") |
| 2B750111 | Premium Bayonet™ 3/4" rib | 12,0cm (4.75") | 12,7mm (1/2") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750112 | Premium Bayonet™ 3/4" rib | 12,0cm (4.75") | 15,8mm (5/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750157 | Premium Bayonet™ 3/4" rib | 27,9cm (11") | 18mm | 19,0mm (.750") | 4,8mm (.190") |
| 2B750113 | Premium Bayonet™ 3/4" rib | 12,0cm (4.75") | 19,0mm (3/4") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750813 | Premium INFINITY Bayonet™ 3/4" rib | 12,0cm (4.75") | 19,0mm (3/4") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750138 | Premium Bayonet™ 3/4" rib | 15,2cm (6") | 19,0mm (3/4") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750123 (JD #TCU17352) | Premium Bayonet™ 3/4" rib | 17,7cm (7") | 19,0mm (3/4") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750823 | Premium INFINITY Bayonet™ 3/4" rib | 17,7cm (7") | 19,0mm (3/4") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750124 | Premium Bayonet™ 3/4" rib | 17,7cm (7") | 22,2mm (7/8") | 19,0mm (.750") | 4,8mm (.190") |
| 2B750136 | Premium Bayonet™ 3/4" rib | 15,2cm (6") | 22,2mm (7/8") | 19,0mm (.750") | 4,8mm (.190") |

Kreuz Spoons / CrossTines®

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Breite Width |
|----------------------------|---------------------------------|-----------------|------------------------|-----------------|
| 2X375100 | Premium CROSSTINE™ 3/8" rib | 15,2cm (6") | 9,5mm (3/8") | 9,5mm (.375") |
| 2X375101 | Premium CROSSTINE™ 3/8" rib | 15,2cm (6") | 19,0mm (3/4") | 9,5mm (.375") |
| 2X500101 | Premium CROSSTINE® 1/2" rib | 11,6cm (4.6") | 9,5mm (3/8") | 12,7mm (.500") |
| 2X500501 | DILLENNIUM® CROSSTINE® 1/2" rib | 12,1cm (4.8") | 9,5mm (3/8") | 12,7mm (.500") |
| 2X500109 (JD #TCU17349) | Premium CROSSTINE® 1/2" rib | 13,9cm (5.5") | 9,5mm (3/8") | 12,7mm (.500") |
| 2X500509 (JD #TCU17350) | DILLENNIUM® CROSSTINE® 1/2" rib | 13,9cm (5.5") | 9,5mm (3/8") | 12,7mm (.500") |
| 2X500111 | Premium CROSSTINE® 1/2" rib | 13,9cm (5.5") | 12mm | 12,7mm (.500") |
| 2X500102 | Premium CROSSTINE® 1/2" rib | 11,6cm (4.6") | 12,7mm (1/2") | 12,7mm (.500") |
| 2X500502 | DILLENNIUM® CROSSTINE® 1/2" rib | 12,1cm (4.8") | 12,7mm (1/2") | 12,7mm (.500") |
| 2X500104 | Premium CROSSTINE® 1/2" rib | 13,9cm (5.5") | 12,7mm (1/2") | 12,7mm (.500") |
| 2X500105 | Premium CROSSTINE® 1/2" rib | 11,6cm (4.6") | 15,8mm (5/8") | 12,7mm (.500") |
| 2X500106 | Premium CROSSTINE® 1/2" rib | 11,6cm (4.6") | 19,0mm (3/4") | 12,7mm (.500") |
| 2X500506 | DILLENNIUM® CROSSTINE® 1/2" rib | 12,1cm (4.8") | 19,0mm (3/4") | 12,7mm (.500") |
| 2X500108 | Premium CROSSTINE® 1/2" rib | 13,9cm (5.5") | 19,0mm (3/4") | 12,7mm (.500") |
| 2X500508 | DILLENNIUM® CROSSTINE® 1/2" rib | 13,9cm (5.5") | 19,0mm (3/4") | 12,7mm (.500") |

Super Kreuz Spoons / SuperCross™ Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Breite Width |
|----------------------------|-----------------------------------|-----------------|------------------------|-----------------|
| 2X750102 (JD #TCU17351) | Premium SuperCross™ with 3/4" rib | 14,9cm (5.88") | 19,0mm (3/4") | 19,0mm (.750") |
| 2X750101 | Premium SuperCross™ with 3/4" rib | 14,9cm (5.88") | 22,2mm (7/8") | 19,0mm (.750") |

2X750102



PREMIUM
 DILLENNIUM®
 INFINITY

FAIRWAY SPOONS

Unsere Fairway Seitenauswurf Spoons, komplett mit Schaft, Rohr und Spannstift wurden für anhaltend widrige Bedingungen, insbesondere für Fairways entworfen. Trotzdem ist der Einsatz dieser Serie nicht nur auf Golfplätze beschränkt. Sie werden auch von Landschaftsgärtnern, auf Sportplätzen und Rennbahnen verwendet. Der Fairway Seitenauswurf Spoon wird hauptsächlich auf VERTI-DRAIN® und Soil Reliever Maschinen eingesetzt, die eine metrische Aufnahme haben. Erhältlich ist auch eine 3/4" und eine 7/8" Aufnahme zur Montage auf Fairway Einheiten von John Deere® und Toro®.

Mit der Entwicklung des "FS" (Fairway Seitenauswurf) Spoon bieten wir den Greenkeepern eine robuste Produktlinie in Premium und DILLENNIUM® Qualität, mit wesentlich höherer Haltbarkeit. Als herkömmlicher Aerifizier Spoon ist der FS auch in Aufnahme Größen für Deep Tine Aerifizierer erhältlich. Wir empfehlen bei steiniger und harter Bodenbeschaffenheit, die Verwendung unserer Premium Spoons. Erst bei sichtlicher Verbesserung der Bodenbedingungen ist der Einsatz von DILLENNIUM® Spoons ratsam. Bei optimalen Bedingungen ist der DILLENNIUM® Spoon sehr viel langlebiger und spart Material- und Arbeitszeit.

Bei der Maßangabe von Millimeter und Zoll ist zu beachten, dass die Millimeterangabe exakt, und die Zollangabe nur ungefähr angegeben ist. Die 18mm (.708") Aufnahme wird als eine 3/4" (.750") Aufnahme betrachtet. Wie Sie sehen können sind diese leicht unterschiedlich. JRM bietet nun auch fünf Fix-Schaft FS Hohl Spoons für Mustang und andere Maschinen mit einer 12mm Aufnahme an.

Der Rest unserer Produktlinie verfügt über einen abnehmbaren Schaft und Spannstift. Sobald Sie einmal den kompletten Spoon bestellt haben, können Sie dann einfach bei Ihrer nächsten Bestellung unser Ersatzrohr mit Spannstift bestellen. Den Schaft vom alten Spoon rausnehmen und am neuen Spoon fixieren, und siehe da, Sie haben einen neuen Spoon.

Die Rohrgröße 13/16" ist der klare Favorit für die unterschiedlichen Bedingungen und die erste Wahl der meisten Headgreenkeeper, und hat den 3/4" Spoon aufgrund seiner hervorragenden Eigenschaften abgelöst. Das 13/16" Ersatzrohr ist auch unter schwierigen Bedingungen kaum zu brechen und zu verbiegen und überzeugt auch durch die Qualität des Loches und Schnittbildes. Es ist auch die größte Spoonsgröße, die auf einem 12mm Block für engere Abstände passt.

Die ersten FS-Spoons die entwickelt wurden, waren die Spoons 13/16" und 1". Sofort kamen Anfragen für Spoons, die noch mehr Boden mit jedem Loch entfernen würden. Diese ersten Anfragen kamen von Dienstleistern, die Fairways und Freizeitanlagen aerifizierten. Sie benötigten Spoons mit Langlebigkeit.

Bis zur Entwicklung der FS-Spoons waren Sie gezwungen, Spoons zur Tiefenbelüftung mit einem 10" oder 12" Rohr zu verwenden, obwohl sie nur eine Lochtiefe von 5" oder 6" benötigten. Darüber hinaus haben viele Headgreenkeeper entschieden, einen FS-Spoon für den Einsatz auf Ihren Grüns zu verwenden.

"FS" Spoons mit größerem Durchmesser sind eine exzellente Wahl für noch mehr Materialauswurf. Die 1 1/8" und 1 1/4" Rohre sind wunderbare Alternativen.



FAIRWAY TINES

Our Fairway Side-eject tines, complete with shank, tube, and roll pin, are designed for durability in adverse conditions, particularly on a golf course fairway. However, this line is not limited to golf courses. It can also be used for landscaping, sports fields, and race tracks. The Fairway Side-eject tines can be run primarily on Verti-Drain® and Soil Reliever® machines, which have metric mount diameters. We also have a 3/4" and 7/8" mounting option that can be used on conventional fairway units like John Deere® and Toro®.

With the development of the "FS" (Fairway Side-eject) tines, superintendents have a robust tine family that offers the longevity required for fairway aerification. The FS tines are available in both premium and DILLENNIUM® versions. It is advised when aerating on very rocky or hard surfaces that you run the premium version of our tines until you are confident that you have removed much of the hard rock and soil. In optimal conditions, our DILLENNIUM® tines will run much longer and become a great value as you will need fewer tines to finish your aerification, and you won't have to waste time changing out tines.

Please note where the mounting diameters are designated in both inches and millimeters. The actual size is indeed millimeters, and it shows to the nearest inch. The 18mm (.708") mount is considered a 3/4" (.750") equivalent, but, as you can see, they are slightly different. JRM is also pleased to offer five fixed shank FS coring tines for the Mustang® and other machines requiring a 12mm mount size.

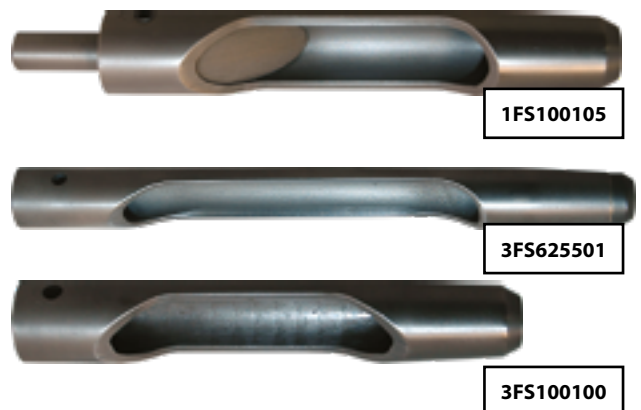
The rest of our line features a removable shank and roll pin. Once you order our full part once, then on your next order, you can simply purchase our replacement tubes, which come with roll pins, slip out the shank in the old part, place it in the new tube, and just like that, you have a new part.

The 13/16" tube size has become a clear favorite for many situations. It has replaced the 3/4" as the tine of choice for most superintendents due to its many superior characteristics. The 13/16" tube is less likely to bend or break under difficult conditions. In addition, most superintendents prefer the quality of core and cut that it produces. The cost benefit ratio for the 13/16" tine is outstanding if one requires a full 6 inches of core depth. It is also the largest size tine you can fit on a 12mm block for tighter spacing.

The first FS tines developed were the 13/16" and 1" tines. Immediately, requests came in for a tine that would remove even more soil with each core. These first requests were from service contractors who were aerifying fairways and recreation fields. They needed a tine with exceptional durability with a use-life that could be measured in acres not square feet and could also pull a very large core.

Until the development of the FS tine, they were forced to use deep tines with a 10" or 12" tube, even though they only needed a core depth of 5" or 6". Additionally, many superintendents have opted to use a FS tine for use on their greens.

The larger diameter FS tines are excellent choices when larger diameter cores are required. The 1 1/8" and 1 1/4" tubes are wonderful options when soil replacement is a goal with large volume top-dressing.



| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|--|----------------------------|--------------------------|------------------------|-----------------|-----------------|--------------------|
| 1FS625101 | Premium 5/8" Fairway Tine with Mustang® shank ¹ | 18,3cm (7.19") | 15,2cm (6") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS625501 | DILLENNIUM® 5/8" Fairway Tine with Mustang® shank ¹ | 18,9cm (7.44") | 15,2cm (6") | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS625102 | Premium 5/8" Fixed Mount Fairway Tine with Mustang® shank ¹ | 18,2cm (7.17") | 15,2cm (6") | 12mm | 9,9mm (.390") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS625103 | Premium 5/8" Fixed Mount Fairway Tine | 20,3cm (8") | 17,7cm (6.97") | 12mm | 10,3mm (.406") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS625503 | DILLENNIUM® 5/8" Fixed Mount Fairway Tine | 20,9cm (8.25") | 18,3cm (7.20") | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1FS750502 | DILLENNIUM® 3/4" Fixed Mount Fairway Tine with Mustang® shank ¹ | 17,6cm (6.92") | 14,6cm (5.75") | 12mm | 11,1mm (.440") | 19,0mm (.750") | 1,8mm (.072") |
| 1FS812103 | Premium 13/16" Fairway Tine with VERTI-DRAIN® shank | 18,6cm (7.33") | 15,2cm (6") | 12mm | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812503 | DILLENNIUM® 13/16" Fairway Tine with VERTI-DRAIN® shank | 18,6cm (7.33") | 15,2cm (6") | 12mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812104 | Premium 13/16" Fairway Tine with Soil Reliever® shank | 20,9cm (8.25") | 15,2cm (6") | 12mm | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812105 | Premium 13/16" Fairway Tine with Mustang® shank ¹ | 18,2cm (7.17") | 15,2cm (6") | 12mm | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812101 | Premium 13/16" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 19,0mm (3/4") | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812501 | DILLENNIUM® 13/16" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 19,0mm (3/4") | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812102 | Premium 13/16" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 22,2mm (7/8") | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS812502 | DILLENNIUM® 13/16" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 22,2mm (7/8") | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1FS100103 | Premium 1" Fairway Tine with VERTI-DRAIN® shank | 18,6cm (7.33") | 15,2cm (6") | 12mm | 15,1mm (.595") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100504 | DILLENNIUM® 1" Fairway Tine with Soil Reliever® shank | 20,9cm (8.25") | 15,2cm (6") | 12mm | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100105 | Premium 1" Fairway Tine with Mustang® shank ¹ | 18,2cm (7.17") | 15,2cm (6") | 12mm | 15,1mm (.595") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100505 | DILLENNIUM® 1" Fairway Tine with Mustang® shank ¹ | 18,2cm (7.17") | 15,2cm (6") | 12mm | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100101 | Premium 1" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 19,0mm (3/4") | 15,1mm (.595") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100501 | DILLENNIUM® 1" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 19,0mm (3/4") | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100102 | Premium 1" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 22,2mm (7/8") | 15,1mm (.595") | 25,4mm (1") | 3,0mm (.120") |
| 1FS100502 | DILLENNIUM® 1" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 22,2mm (7/8") | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1FS112101 | Premium 1 1/8" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 19,0mm (3/4") | 18,6mm (.735") | 28,6mm (1.125") | 3,4mm (.135") |
| 1FS100106 | Premium 1" Fairway Tine with VERTI-DRAIN® shank | 19,7cm (7.77") | 15,2cm (6") | 18mm | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |
| 1FS125107 | Premium 1 1/4" Fairway Tine with Soil Reliever® shank | 20,9cm (8.25") | 15,2cm (6") | 18mm | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |
| 1FS125101 | Premium 1 1/4" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 19,0mm (3/4") | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |
| 1FS125102 | Premium 1 1/4" Fairway Tine for Conventional Aerifiers | 17,1cm (6.75") | 15,2cm (6") | 22,2mm (7/8") | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |

¹ Für Mustang ohne Auffangbehälter. Längere Schäfte sind notwendig, wenn Sie einen Auffangbehälter benutzen.
¹ For Mustang without core collector. Longer shanks are necessary when Core Collector is used.

Austauschrohre / Replacement Tubes for Fairway Tines

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|---|----------------------------|--------------------------|------------------------|-----------------|-----------------|--------------------|
| 3FS100100 | Premium 1" Fairway replacement tube | 15,2cm (6") | | 12mm, 18mm, 3/4", 7/8" | 15,1mm (.595") | 25,4mm (1") | 3,0mm (.120") |
| 3FS100500 | DILLENNIUM® 1" Fairway replacement tube | 15,2cm (6") | | 12mm, 18mm, 3/4", 7/8" | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 3FS112100 | Premium 1 1/8" Fairway replacement tube | 15,2cm (6") | | 18mm, 3/4", 7/8" | 18,6mm (.735") | 28,6mm (1.125") | 3,4mm (.135") |
| 3FS125100 | Premium 1 1/4" Fairway replacement tube | 15,2cm (6") | | 18mm, 3/4", 7/8" | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |
| 3FS125500 | DILLENNIUM® 1 1/4" Fairway replacement tube | 15,2cm (6") | | 18mm, 3/4", 7/8" | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |
| 3FS625101 | Premium 5/8" Fairway Replacement Tube | 15,2cm (6") | | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 3FS625501 | DILLENNIUM® 5/8" Fairway Replacement Tube | 15,2cm (6") | | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 3FS812100 | Premium 13/16" Fairway Replacement Tube | 15,2cm (6") | | 12mm, 18mm | 12,7mm (.500") | 20,6mm (.812") | 2,6mm (.105") |
| 3FS812500 | DILLENNIUM® 13/16" Fairway Replacement Tube | 15,2cm (6") | | 12mm, 18mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |

Nur Austauschrohre mit Spannstift
 Replacement tubes-tubes only, includes roll pin

Bitte beachten: Da in der Golfindustrie alle deep tine Schäfte in metrischen Standards hergestellt werden, sind auch die Aufnahmeblöcke, die von deep tine Maschinenherstellern verwendet werden, in metrischen Größen. Dies trifft nicht bei konventionellen Aerifizierern zu, die in den USA hergestellt werden.

Please note: As a matter of convention in the turf industry, all deep tine shanks are made to metric standards. The mounting blocks used by deep tine machine manufacturers are made to these metric sizes. This is not true of "conventional" aerifiers since most of these machines are made in the United States.

 PREMIUM  DILLENNIUM®

SPOONS ZUR TIEFENBELÜFTUNG

Wichtiger Hinweis: JRM geht zurück zu der 45 Grad abgeschragten Spitze für alle Spoons zur Tiefenbelüftung. Die herkömmlichen Vollspoons haben noch die 360 Grad "Kugelspitze". Es wurde festgestellt, dass die abgeschragte Spitze bei harten, felsigen Bedingungen auf den meisten Fairways besser ist.

Spoons zur Tiefenbelüftung-Übersicht: JRM Deep Tines gehören seit den vielen Jahren zum Standard in der Golfindustrie. Alle Deep Tines sind aus den besten Materialien hergestellt und entsprechen genauen Standards. Ein DILLENNIUM® Spoon sollte beim Aerifizieren nur bei guten Bodenbeschaffenheiten verwendet werden, die keine oder nur wenig Steine aufweisen. Wenn eine große Anzahl an DILLENNIUM® Spoons zur Tiefenbelüftung droht zu verbiegen oder zu brechen (mehr als 30 %), wären die Premium Spoons zur Tiefenbelüftung die bessere Alternative.

Spoons zur Tiefenbelüftung haben viele Verwendungen: Die Verwendung von Spoons zur Tiefenbelüftung sind nicht nur auf Golfplätze beschränkt. Viele Landschaftsgärtner, Dienstleister und Sportplätze verwenden die Spoons zur Tiefenbelüftung zum Aerifizieren. Ein 13/16" oder 1" Vollspoon bzw. ein 1/2" oder 3/4" Spoon zur Tiefenbelüftung, ist sehr beliebt auf Baseball- und Fußballplätzen sowie Pferderennbahnen.

Maschinen zur Tiefenbelüftung: JRM bietet eine komplette Produktlinie zur Tiefenbelüftung. Alternativen für VERTI-DRAIN® (Seite 27), Soil Reliever® (Seite 27) und Wiedenmann® (Seite 29). Die verschiedenen Produktlinien sind im Katalog gesondert aufgeschlüsselt. Unsere Spoons zur Tiefenbelüftung befinden sich auf Seite 28. Beim Auswählen eines Wiedenmann® Spoon, bestimmen Sie zunächst, ob Sie eine gelochte Aufnahme (Dimple Mount) oder eine geschraubte Aufnahme benötigen. Die geschraubte Aufnahme wird beschrieben als eine 1:10 konische geschraubte Aufnahme.

Metrische Größen: Die meisten Spoons zur Tiefenbelüftung haben metrische Größen für den Schaftdurchmesser, wie alle Hersteller von Spoons zur Tiefenbelüftung die außerhalb den Vereinigten Staaten stammen. Die beiden beliebtesten Schaft-Alternativen sind 12mm (.472"), dass entspricht einen 1/2" Schaft und 18mm (.708"), gleichwertig zu sehen mit einem 3/4" Schaft.

Ersatzrohre: Um Geld zu sparen, verfügt ein Großteil unserer Produktlinie über einen abnehmbaren Schaft mit Spannstift. Sobald Sie den kompletten Spoon bestellen und Ihre anfängliche Aerifizierung beendet haben, können Sie den Spannstift rausschlagen, den Schaft rausziehen und bestellen nur noch die Ersatzrohre von Seite 28 aus unserem Katalog. Dadurch ersparen Sie sich die Nachbestellung des kompletten Spoons für Ihre nächste Aerifizierung.

DEEP TINES

Important Note: JRM will be transitioning back to the 45-degree beveled edge for all of our deep solid tines only. The conventional solid tines will still feature the 360-degree "bullet-tip". It was determined that the beveled edge wears better in hard, rocky conditions prevalent in many fairways.

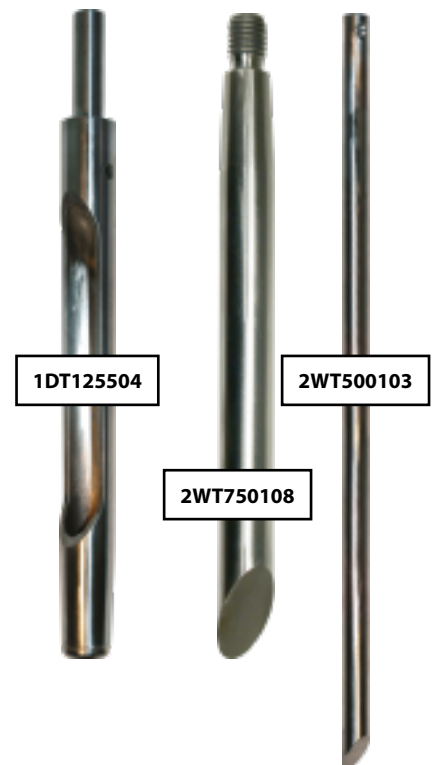
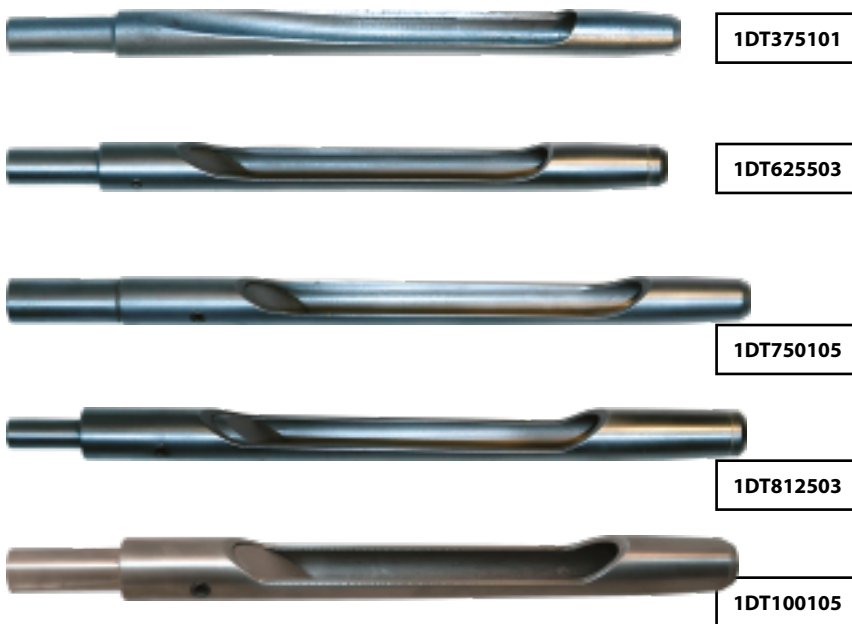
Deep tine overview: JRM deep tines have become an industry standard over the past years. All JRM deep tines are made from the finest steel available and to exacting standards. The DILLENNIUM® deep tine is an excellent option in many situations and can save you both time and money. A DILLENNIUM® tine should be chosen for ground that is aerified on a regular basis, or greens and fairways that have little or no rock. If one is likely to bend or break a large number of deep tines (greater than 30%), then the JRM Premium deep tine will be the better option.

Deep tines many uses: Deep tine aeration is not restricted to the golf course. Many landscapers, service and/or sports field contractors employ the use of a deep tine aerifier. A 13/16" or 1" solid coring tine and/or a 1/2" or 3/4" solid deep tine is extremely popular on baseball and football fields as well as horse racing tracks.

Deep tine machines: JRM offers a full line of deep tine options for VERTI-DRAIN® (page 27), Soil Reliever® (page 27), and Wiedenmann® (page 29). The different lines are broken down separately in the catalog. Our deep solid tines are located on page 28. When choosing a Wiedenmann® tine, first determine whether you need a dimpled mount, or a screw mount. Our screw mounts are described as a 1:10 and 1:4 conical screw mount.

Metric sizing: Most deep tines have metric sizing for the shank diameter as all the deep tine manufacturers originate outside the United States. The two most popular shank options are the 12mm (.472"), considered a 1/2" equivalent, and the 18mm (.708"), considered a 3/4" equivalent.

Replacement tubes: To save money, a majority of our line features a removable shank and roll pin option. Once you order the full part and finish your initial aerification, you can pop out the roll pin, pull out the shank and order one of our replacement tubes on page 28 of our catalog, instead of re-ordering the full part for your next aerification.



Shanks are available for all non-Fixed shank Fairway Tines. Roll Pins are available for all Fairway shanks. Contact our Customer Service Department for the correct shank or roll pin.

VERTI-DRAIN®

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|--|----------------------------|--------------------------|------------------------|-----------------|-----------------|--------------------|
| 1DT375101 | Premium 3/8" fixed shank Deep Tine | 15,2cm (6") | 12,7cm (5") | 8mm (5/16") | 6,0mm (.240") | 8,3mm (.330") | 1,5mm (.060") |
| 1DT375501 | DILLENNIUM® 3/8" fixed shank Deep Tine | 15,5cm (6.125") | 13,0cm (5.125") | 8mm (5/16") | 6,0mm (.240") | 8,3mm (.327") | 1,5mm (.060") |
| 1DT375102 | Premium 3/8" Deep Tine | 15,2cm (6") | 12,7cm (5") | 12mm | 6,3mm (.250") | 11,1mm (.440") | 1,5mm (.060") |
| 1DT500102 | Premium 1/2" Deep Tine | 15,2cm (6") | 12,7cm (5") | 12mm | 8,5mm (.336") | 14,0mm (.550") | 1,8mm (.072") |
| 1DT625103 | Premium 5/8" Deep Tine | 20,8cm (8.17") | 17,8cm (7") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT625503 | DILLENNIUM® 5/8" Deep Tine | 21,3cm (8.4") | 18,4cm (7.25") | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT625105 | Premium 5/8" fixed shank Deep Tine | 20,8cm (8.17") | 17,8cm (7") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT625505 | DILLENNIUM® 5/8" fixed shank Deep Tine | 21,3cm (8.4") | 18,4cm (7.25") | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT750101 | Premium 3/4" Deep Tine | 23,6cm (9.3") | 20,3cm (8") | 12mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT750106 | Premium 3/4" Deep Tine | 28,9cm (11.375") | 25,4cm (10") | 12mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT750506 | DILLENNIUM® 3/4" Deep Tine | 29,2cm (11.5") | 25,4cm (10.25") | 12mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT750102 | Premium 3/4" Deep Tine | 24,8cm (9.77") | 20,3cm (8") | 12mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT750105 | Premium 3/4" Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 18mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT750505 | DILLENNIUM® 3/4" Deep Tine | 30,5cm (12") | 20,3cm (8") | 18mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT812111 | Premium 13/16" Deep Tine | 23,6cm (9.3") | 20,3cm (8") | 12mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812511 | DILLENNIUM® 13/16" Deep Tine | 24,3cm (9.55") | 21,0cm (8.25") | 12mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812103 | Premium 13/16" Deep Tine | 28,9cm (11.375") | 25,4cm (10") | 12mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812503 | DILLENNIUM® 13/16" Deep Tine | 29,2cm (11.5") | 25,4cm (10.25") | 12mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812105 | Premium 13/16" Deep Tine | 33,9cm (13.375") | 30,5cm (12") | 12mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812505 | DILLENNIUM® 13/16" Deep Tine | 34,3cm (13.5") | 31,1cm (12.25") | 12mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812102 | Premium 13/16" Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 18mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT100101 | Premium 1" Deep Tine | 24,8cm (9.75") | 20,3cm (8") | 18mm | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1DT100104 | Premium 1" Deep Tine | 27,3cm (10.75") | 22,9cm (9") | 18mm | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1DT100105 | Premium 1" Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 18mm | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1DT100505 | DILLENNIUM® 1" Deep Tine | 30,4cm (12") | 25,4cm (10.25") | 18mm | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1DT112104 | Premium 1 1/8" Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 18mm | 19,0mm (.750") | 28,6mm (1.125") | 3,0mm (.120") |
| 1DT112184 | Heavy-duty 1 1/8" Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 18mm | 19,0mm (.750") | 28,6mm (1.125") | 4,8mm (.188") |
| 1DT125104 | Premium 1 1/4" Deep Tine | 35,5cm (14") | 30,5cm (12") | 18mm | 20,6mm (.812") | 31,8mm (1.25") | 3,4mm (.135") |

Nur für VERTI-DRAIN® - Komplette Spoons mit Schaft, Spannstift und Rohr
Fits VERTI-DRAIN® Only • Tines complete, includes shank, roll pin, and tube

Soil Reliever®

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|---|----------------------------|--------------------------|------------------------|-----------------|------------------|--------------------|
| 1DT625104 | Premium 5/8" Deep Tine | 22,9cm (9") | 17,8cm (7") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT625504 | DILLENNIUM® 5/8" Deep Tine | 23,5cm (9.25") | 18,4cm (7.25") | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT625106 | Premium 5/8" fixed shank Deep Tine | 22,9cm (9") | 17,8cm (7") | 12mm | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT625506 | DILLENNIUM® 5/8" fixed shank Deep Tine | 23,5cm (9.25") | 18,4cm (7.25") | 12mm | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1DT750107 | Premium 3/4" Deep Tine | 30,4cm (12") | 25,4cm (10") | 12mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT750507 | DILLENNIUM® 3/4" Deep Tine | 31,1cm (12.25") | 25,4cm (10") | 12mm | 11,1mm (.440") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT812112 | Premium 13/16" Deep Tine for Soil Reliever® | 25,4cm (10") | 20,3cm (8") | 12 mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812104 | Premium 13/16" Deep Tine | 30,4cm (12") | 25,4cm (10") | 12mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812504 | DILLENNIUM® 13/16" Deep Tine | 31,1cm (12.25") | 25,4cm (10.25") | 12mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT750108 | Premium 3/4" Deep Tine | 30,4cm (12") | 25,4cm (10") | 18mm | 11,4mm (.450") | 19,0mm (.750") | 2,4mm (.095") |
| 1DT812106 | Premium 13/16" Deep Tine | 30,4cm (12") | 25,4cm (10") | 18mm | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT812506 | DILLENNIUM® 13/16" Deep Tine | 31,1cm (12.25") | 25,4cm (10.25") | 18mm | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1DT100109 | Heavy-duty 1" Deep Tine for Soil Reliever® | 30,4cm (12") | 25,4cm (10") | 18mm | 14,0mm (.550") | 26,9mm (1.0625") | 4,8mm (.188") |
| 1DT100107 | Premium 1" Deep Tine | 30,4cm (12") | 25,4cm (10") | 18mm | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1DT100507 | DILLENNIUM® 1" Deep Tine | 31,1cm (12.25") | 25,4cm (10.25") | 18mm | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1DT112185 | Heavy-duty 1 1/8" Deep Tine | 30,4cm (12") | 25,4cm (10") | 18mm | 19,0mm (.750") | 28,6mm (1.125") | 4,8mm (.188") |
| 1DT112105 | Premium 1 1/8" Deep Tine | 30,4cm (12") | 25,4cm (10") | 18mm | 19,0mm (.750") | 28,6mm (1.125") | 3,0mm (.120") |
| 1DT125102 | Premium 1 1/4" Deep Tine | 30,4cm (12") | 25,4cm (10") | 18mm | 20,6mm (.812") | 31,8mm (1.25") | 3,4mm (.135") |
| 1DT125104 | Premium 1 1/4" Deep Tine | 35,6cm (14") | 30,5cm (12") | 18mm | 20,6mm (.812") | 31,8mm (1.25") | 3,4mm (.135") |
| 1DT125504 | DILLENNIUM® 1 1/4" Deep Tine | 36,2cm (14.25") | 31,1cm (12.25") | 18mm | 20,3mm (.800") | 31,8mm (1.25") | 3,4mm (.135") |
| 1DT125103 | Premium 1 1/4" Deep Tine | 30,4cm (12") | 25,4cm (10") | 24mm | 20,6mm (.812") | 31,8mm (1.25") | 3,4mm (.135") |

Nur für Soil Reliever® - Komplette Spoons mit Schaft, Spannstift und Rohr
Fits Soil Reliever® Only • Tines complete, includes shank, roll pin, and tube

PREMIUM DILLENNIUM®



Austauschrohre / Replacement Tubes for Deep Tines

! Wichtig: Unsere Schäfte können nicht mit Original-Rohren verwendet werden und umgekehrt genauso.
! Important note: Our shanks cannot be used with OEM tubes and our tubes cannot be used with OEM shanks.

| Artikelnummer Part No. | Beschreibung Description | Rohrlänge Tube Length | Aufnahme Mount Dia. | Für folgende Maschinen Replacement Description |
|---------------------------|--|--------------------------|------------------------|---|
| 3DT625103 | Premium 5/8" replacement tube | 17,7cm (7") | 12mm | SR, VD, W |
| 3DT625503 | DILLENNIUM® 5/8" replacement tube | 18,4cm (7.25") | 12mm | SR, VD, W |
| 3DT750101 | Premium 3/4" replacement tube | 20,3cm (8") | 12mm, 18mm | SR, VD, W |
| 3DT750104 | Premium 3/4" replacement tube | 22,9cm (9") | 12mm, 18mm | SR, VD, W |
| 3DT750105 | Premium 3/4" replacement tube | 25,4cm (10") | 12mm, 18mm | SR, VD |
| 3DT750505 | DILLENNIUM® 3/4" replacement tube | 26,0cm (10.25") | 12mm, 18mm | SR, VD |
| 3DT812101 | Premium 13/16" replacement tube | 20,3cm (8") | 12mm, 18mm | SR, VD, W |
| 3DT812501 | DILLENNIUM® 13/16" replacement tube | 20,9cm (8.25") | 12mm, 18mm | SR, VD, W |
| 3DT812100 | Premium 13/16" replacement tube | 25,4cm (10") | 12mm, 18mm | SR, VD, W |
| 3DT812500 | DILLENNIUM® 13/16" replacement tube | 26,0cm (10.25") | 12mm, 18mm | SR, VD, W |
| 3DT812110 | Premium 13/16" replacement tube | 30,4cm (12") | 12mm, 18mm | SR, VD, W |
| 3DT812510 | DILLENNIUM® 13/16" replacement tube | 31,1cm (12.25") | 12mm, 18mm | SR, VD, W |
| 3DT100104 | Premium 1" replacement tube | 22,9cm (9") | 18mm | VD, SR |
| 3DT100109 | Heavy-duty Deep Tine Replacement Tube for SR, VD | 25,4cm (10") | 18mm | SR, VD, W |
| 3DT100105 | Premium 1" replacement tube | 25,4cm (10") | 18mm | SR, VD, W |
| 3DT100505 | DILLENNIUM® 1" replacement tube | 26,0cm (10.25") | 18mm | SR, VD, W |
| 3DT100101 | Premium 1" replacement tube | 20,3cm (8") | 24mm | SR, VD, W |
| 3DT112104 | Premium 1 1/8" replacement tube | 25,4cm (10") | 18mm | SR, VD |
| 3DT112188 | Heavy-duty Deep Tine Replacement Tube for SR, VD | 25,4cm (10") | 18mm | SR, VD, W |
| 3DT125100 | Premium 1 1/4" replacement tube | 25,4cm (10") | 18mm, 24mm | SR, VD |
| 3DT125500 | DILLENNIUM® 1 1/4" replacement tube | 26,0cm (10.25") | 18mm, 24mm | SR, VD |
| 3DT125106 | Premium 1 1/4" replacement tube | 30,4cm (12") | 18mm, 24mm | SR, VD |
| 3DT125506 | DILLENNIUM® 1 1/4" replacement tube | 31,1cm (12.25") | 18mm, 24mm | SR, VD |

Für Soil Reliever®-SR, VERTI-DRAIN®-VD, and Wiedenmann - Nur Austauschrohre mit Spannstift
 For Soil Reliever®-SR, VERTI-DRAIN®-VD, and Wiedenmann - Replacement tubes-tubes only, includes roll pin

Voll Spoons für Tiefenbelüftung / Solid Deep Tines

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Arbeitstiefe Working Depth | Schaft Ø Shank Diameter | Außen Ø O.D. |
|---------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|-----------------|
| 2DT200101 | Premium 3/16" Solid Deep Tine | 14,5cm (5.71") | 10,2cm (4") | 5mm (3/16") | 4,7mm (.1875") |
| 2DT250101 | Premium 1/4" Solid Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 6mm (1/4") | 6,3mm (.250") |
| 2DT312102 | Premium 5/16" Solid Deep Tine | 20,2cm (7.934") | 15,2cm (6") | 8mm (5/16") | 7,9mm (.3125") |
| 2DT312103 | Premium 5/16" Solid Deep Tine | 23,5cm (9.25") | 20,3cm (8") | 8mm (5/16") | 7,9mm (.3125") |
| 2DT312105 | Premium 5/16" Solid Deep Tine | 29,8cm (11.75") | 25,4cm (10") | 8mm (5/16") | 7,9mm (.3125") |
| NEW 2DT312106 | Premium 5/16" Solid Deep Tine | 34,9cm (13.75") | 30,5cm (12") | 8mm (5/16") | 7,9mm (.3125") |
| 2DT375101 | Premium 3/8" Solid Deep Tine | 27,9cm (11") | 22,9cm (9") | 8mm (5/16") | 7,9mm (.3125") |
| 2DT500102 | Premium 1/2" Solid Deep Tine | 20,7cm (8.16") | 15,2cm (6") | 12mm | 11,9mm (.472") |
| 2DT500103 | Premium 1/2" Solid Deep Tine | 27,0cm (10.6") | 21,5cm (8.46") | 12mm | 11,9mm (.472") |
| NEW 2DT500104 | Premium 1/2" Solid Deep Tine | 26,0cm (10.25") | 20,3cm (8") | 12mm | 11,9mm (.472") |
| 2DT500105 | Premium 1/2" Solid Deep Tine | 32,0cm (12.6") | 25,4cm (10") | 12mm | 11,9mm (.472") |
| 2DT500106 | Premium 1/2" Solid Deep Tine | 37,1cm (14.6") | 30,5cm (12") | 12mm | 11,9mm (.472") |
| 2DT500107 | Premium 1/2" Solid Deep Tine | 42,2cm (16.6") | 35,5cm (14") | 12mm | 11,9mm (.472") |
| 2DT750104 | Premium 3/4" Solid Deep Tine | 25,4cm (10") | 20,3cm (8") | 18mm | 17,9mm (.708") |
| 2DT750105 | Premium 3/4" Solid Deep Tine | 32,7cm (12.875") | 25,4cm (10") | 18mm | 17,9mm (.708") |
| 2DT750106 | Premium 3/4" Solid Deep Tine | 37,8cm (14.875") | 30,5cm (12") | 18mm | 17,9mm (.708") |
| 2DT750107 | Premium 3/4" Solid Deep Tine | 42,2cm (16.6") | 35,5cm (14") | 18mm | 17,9mm (.708") |
| 2DT750108 | Premium 3/4" Solid Deep Tine | 47,0cm (18.5") | 40,6cm (16") | 18mm | 17,9mm (.708") |
| 2DT100102 | Premium 3/4" Solid Deep Tine | 30,0cm (11.8") | 24,5cm (9.65") | 24mm | 24,0mm (.945") |
| 2DT100103 | Premium 1" Solid Deep Tine | 47,5cm (18.7") | 40,6cm (16") | 24mm dimple | 24,0mm (.945") |

Für Soil Reliever® und VERTI-DRAIN®
 For Soil Reliever® and VERTI-DRAIN®

 PREMIUM

 DILLENNIUM®



Bayonet™ Spoons für Tiefenbelüftung / Bayonet™ Deep Tines

| Artikelnummer Part No. | Beschreibung Description | Länge Length | Aufnahme Mount Dia. | Breite Blade Width | Stärke Thickness |
|---------------------------|-----------------------------|-----------------|------------------------|-----------------------|---------------------|
| 2B750125 | Premium Bayonet™ 3/4" rib | 17,7cm (7") | 12mm | 19,0mm (.750") | 4,8mm (.190") |
| 2B750145 | Premium Bayonet™ 3/4" rib | 24,1cm (9.5") | 12mm | 19,0mm (.750") | 4,8mm (.190") |
| 2B750156 | Premium Bayonet™ 3/4" rib | 27,9cm (11") | 12mm | 19,0mm (.750") | 4,8mm (.190") |
| 2B750157 | Premium Bayonet™ 3/4" rib | 27,9cm (11") | 18mm | 19,0mm (.750") | 4,8mm (.190") |

Für Soil Reliever® und VERTI-DRAIN®
For Soil Reliever® and VERTI-DRAIN®

Wiedenmann® Hohl und Voll Spoons für Tiefenbelüftung / Wiedenmann® Coring and Solid Deep Tines

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Full Length | Rohrlänge Tube Length | Aufnahme Mount Dia. | Innen Ø I.D. | Außen Ø O.D. | Wandstärke Wall |
|---------------------------|--|----------------------------|--------------------------|------------------------|-----------------|-----------------|--------------------|
| 1WT375101 | Premium 3/8" fixed shank deep tine | 15,2cm (6") | 12,2cm (4.82") | 8mm dimple | 6,3mm (.250") | 11,1mm (.440") | 1,6mm (.064") |
| 1WT375102 | Premium 3/8" fixed shank deep tine | 15,5cm (6.125") | 12,2cm (4.82") | 12mm dimple | 6,3mm (.250") | 11,1mm (.440") | 1,6mm (.064") |
| 1WT500102 | Premium 1/2" fixed shank deep tine | 14,2cm (5.625") | 10,9cm (4.315") | 12mm dimple | 8,5mm (.335") | 14,0mm (.550") | 1,8mm (.072") |
| 1WT625102 | Premium 5/8" fixed shank deep tine | 20,7cm (8.15") | 17,8cm (7") | 12mm dimple | 9,9mm (.390") | 15,8mm (.625") | 1,8mm (.072") |
| 1WT625502 | DILLENNIUM® 5/8" fixed shank deep tine | 21,3cm (8.4") | 18,4cm (7.25") | 12mm dimple | 10,0mm (.395") | 15,8mm (.625") | 1,8mm (.072") |
| 1WT625103 | Premium 5/8" fixed shank deep tine | 21,1cm (8.3") | 17,8cm (7") | 12mm dimple | 10,1mm (.400") | 15,8mm (.625") | 1,8mm (.072") |
| 1WT625503 | DILLENNIUM® 5/8" deep tine | 21,7cm (8.55") | 18,4cm (7.25") | 12mm dimple | 8,8mm (.350") | 15,8mm (.625") | 1,8mm (.072") |
| 1WT812103 | Premium 13/16" deep tine | 18,5cm (7.3") | 15,2cm (6") | 12mm dimple | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812503 | DILLENNIUM® 13/16" deep tine | 18,5cm (7.3") | 15,2cm (6") | 12mm dimple | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812105 | Premium 13/16" deep tine | 23,7cm (9.33") | 20,3cm (8") | 12mm dimple | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812505 | DILLENNIUM® 13/16" deep tine | 24,3cm (9.58") | 20,9cm (8.25") | 12mm dimple | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812101 | Premium 13/16" deep tine | 28,7cm (11.3") | 25,4cm (10") | 12mm dimple | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812501 | DILLENNIUM® 13/16" deep tine | 29,4cm (11.58") | 25,4cm (10.25") | 12mm dimple | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812502 | DILLENNIUM® 13/16" deep tine | 32,6cm (12.85") | 25,4cm (10.25") | 1:10 cone mount | 12,4mm (.490") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT812104 | Premium 13/16" deep tine | 26,9cm (10.6") | 20,3cm (8") | 1:10 cone mount | 12,9mm (.510") | 20,6mm (.812") | 2,6mm (.105") |
| 1WT100101 | Premium 1" deep tine | 23,7cm (9.33") | 20,3cm (8") | 12mm dimple | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1WT100104 | Premium 1" deep tine | 26,9cm (10.6") | 20,3cm (8") | 1:10 cone mount | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1WT100102 | Premium 1" deep tine | 32,0cm (12.6") | 25,4cm (10") | 1:10 cone mount | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 1WT100502 | Premium 1" deep tine | 32,6cm (12.85") | 25,4cm (10.25") | 1:10 cone mount | 14,9mm (.590") | 25,4mm (1") | 3,0mm (.120") |
| 1WT100103 | Premium 1" deep tine | 31,2cm (12.3") | 25,4cm (10") | 1:4 cone mount | 15,8mm (.625") | 25,4mm (1") | 3,0mm (.120") |
| 2WT312102 | Solid 5/16" deep tine | 20,0cm (7.88") | 15,2cm (6") | 8mm dimple | Solid | 7,9mm (.312") | Solid |
| 2WT312104 | Solid 5/16" deep tine | 22,8cm (8.97") | 19,9cm (7.87") | 8mm dimple | Solid | 7,9mm (.312") | Solid |
| 2WT312105 | Solid 5/16" deep tine | 28,8cm (11.35") | 25,4cm (10.25") | 8mm dimple | Solid | 7,9mm (.312") | Solid |
| 2WT500101 | Solid 1/2" deep tine | 24,4cm (9.61") | 20,3cm (8") | 12mm dimple | Solid | 11,9mm (.472") | Solid |
| 2WT500112 | Solid 1/2" deep tine | 28,4cm (11.18") | 24,1cm (9.5") | 12mm dimple | solid | 12,7mm (.500") | solid |
| 2WT500102 | Solid 1/2" deep tine | 30,9cm (12.16") | 26,7cm (10.5") | 12mm dimple | Solid | 11,9mm (.472") | Solid |
| 2WT500103 | Solid 1/2" deep tine | 35,9cm (14.12") | 31,7cm (12.5") | 12mm dimple | Solid | 11,9mm (.472") | Solid |
| 2WT750102 | Solid 3/4" deep tine | 27,6cm (10.85") | 22,2cm (8.75") | 1:10 cone mount | Solid | 19,0mm (.750") | Solid |
| 2WT750104 | Solid 3/4" deep tine | 27,9cm (11") | 22,5cm (8.875") | 1:10 cone mount | Solid | 19,0mm (.750") | Solid |
| 2WT750107 | Solid 3/4" deep tine | 30,4cm (12") | 24,1cm (9.5") | 1:4 cone mount | solid | 19,0mm (.750") | solid |
| 2WT750101 | Solid 3/4" deep tine | 33,7cm (13.25") | 27,9cm (11") | 1:10 cone mount | Solid | 19,0mm (.750") | Solid |
| 2WT750105 | Solid 3/4" deep tine | 34,0cm (13.4") | 27,9cm (11") | 1:10 cone mount | solid | 19,0mm (.750") | solid |
| 2WT750108 | Solid 3/4" deep tine | 38,2cm (15.05") | 32,9cm (12.97") | 1:10 cone mount | Solid | 17,9mm (.708") | Solid |
| 2WT100101 | Solid 1" deep tine | 33,7cm (13.25") | 27,9cm (11") | 1:10 cone mount | Solid | 24,0mm (.945") | Solid |
| 2WB750146 | Premium Bayonet™ 3/4" rib | 24,1cm (9.5") | N/A | 12mm dimple | solid | 19,0mm (.750") | 4,8mm (.190") |

Bitte beachten: Da in der Golfindustrie alle deep tine Schäfte in metrischen Standards hergestellt werden sind auch die Aufnahmeblöcke die von deep tine Maschinenherstellern verwendet werden in metrischen Größen. Dies trifft nicht bei konventionellen Aerifizierern zu, die in den USA hergestellt werden.

Please note: As a matter of convention in the turf industry, all deep tine shanks are made to metric standards. The mounting blocks used by deep tine machine manufacturers are made to these metric sizes. This is not true of "conventional" aerifiers since most of these machines are made in the United States.

PREMIUM DILLENNIUM®

SW = Schlüsselweite; 1:10 cone mount ≈ 3° ≈ SW22, 1:4 cone mount ≈ 7° ≈ SW17



UNTERMESSER

JRM Untermesserschrauben

Es ist sehr wichtig, dass Sie JRM Untermesserschrauben für Toro®, Jacobsen® und John Deere® Untermesser verwenden. Damit ist gewährleistet, dass die Untermesser korrekt an der Untermesserhalterung positioniert sind. Bei nicht Verwendung von JRM Schrauben erlischt jegliche Gewährleistung für unsere DURANIUM-801® Untermesser.

Ein einzigartiger Herstellungsprozess

JRM's DURANIUM-801® Fairway Untermesser für John Deere®, Toro® und Jacobsen® können jetzt bei JRM bestellt werden. Die Produktpalette umfasst natürlich auch weiterhin hochwertige legierte Untermesser für Grün-Mäher und jetzt eben auch für Fairway-Mäher. Wir bieten auch DURANIUM-801® High-cut Untermesser für Tee Box, Fringe, Rough und Apron Mäher an.

Jedes Untermesser ist aus DURANIUM-801® hochlegiertem Kohlenstoffstahl für beste Qualität und Leistung. Wir bieten Untermesser mit einer großen Auswahl an Stärken und Löchern für den individuellen Gebrauch der Golfplätze an.

Prägung! Ein neuer patentierter Herstellungsprozess

- Gerades Untermesser
- Passt genauer zur Untermesserhalterung
- Weniger Spindelabnutzung
- Weniger Vorarbeit
- Stört nicht die molekulare Ausrichtung für zusätzliche Härte
- Gepresstes Metall anstelle von gestanztem Metall, zur Erzeugung von härteren Untermessern.
- DURANIUM-801® Stahl
- Höchster Kohlenstoffgehalt auf dem Markt
- Hoher Mangengehalt
- Hoher Borgehalt für die Bindung

BEDKNIVES

JRM Bedknife Screws

It is extremely important to use JRM screws with our Toro®, Jacobsen®, and John Deere® Greensmower and Fairway bedknives to ensure proper bedknife positioning on the bedbar. Non-use of JRM screws will void any warranty for our DURANIUM-801® bedknives.

A Totally Unique Manufacturing Process!

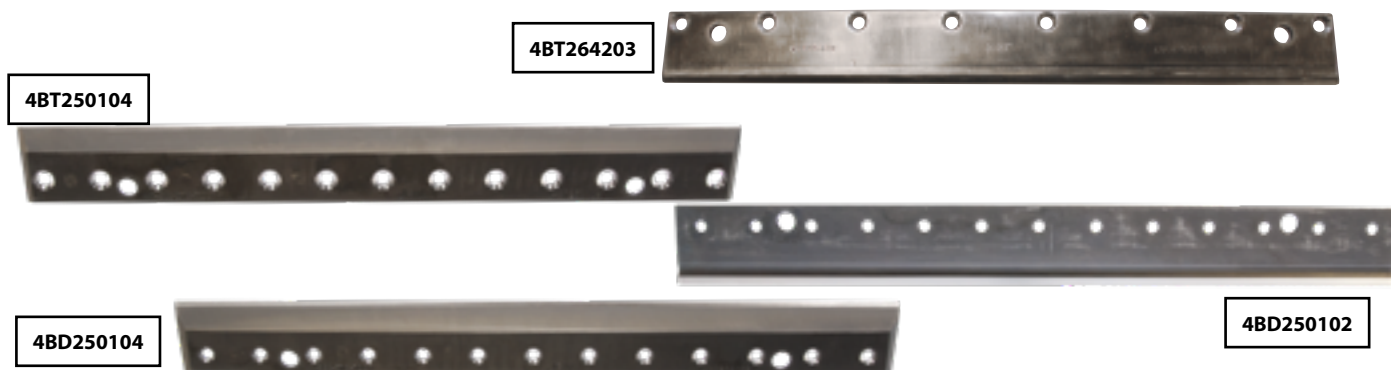
JRM, Inc. features a comprehensive line of high-quality alloy bedknives for the Greens, Fairways, Tee Boxes, Rough, Aprons and Fringes.

Each JRM bedknife is made of top-quality DURANIUM-801®/High Carbon/High Alloy steel for superior quality and performance. We offer an extensive line of knives in various thicknesses and hole patterns to cater to a course's individual needs.

When you order our greensmower bedknives, you will notice a little different look. To ensure a completely straight cutting edge on all of our DURANIUM-801® knives, we are now machining all of our bedknives "AFTER" heat treat. You'll also notice the new shiny surface on the top edge of the bedknife. This allows for a more attractive look and lets you know it was machined to our highest standards.

Coining! A Patented Process

- Flatter Knife
- Truer to bedbar
- Less reel wear
- Less "pre-use" preparation
- Doesn't interfere with molecular realignment for added strength
- Compresses metal, instead of cutting metal away, creating a stronger bedknife
- Alloy Bedknives
- DURANIUM-801® steel
- Highest Carbon content on the market
- High Manganese content
- High Boron content for bonding





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DURANIUM-801®Grümmäher Untermesser / DURANIUM-801® Greensmower Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Toro® Machines |
|-----------------------------------|--|------------------------------------|---------------------------------|-----------------|--|
| 4BT250101 (Toro® #94-6395) | Standard Low-Cut 7-hole bedknife | 3,4mm (.135") & above | 5 & 15° | 53,9cm (21.25") | Greensmaster 3000 Series |
| 4BT250102 (Toro® #93-4264) | Standard Low-Cut 13-hole bedknife | 3,4mm (.135") & above | 5 & 15° | 53,9cm (21.25") | GM 1000/2000/3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |
| 4BT250103 (Toro® #94-6394) | Tournament 7-hole bedknife | 2,9mm (.115") & above | 5 & 15° | 53,9cm (21.25") | Greensmaster 3000 Series |
| 4BT250104 (Toro® #93-4263) | Tournament 13-hole bedknife | 2,9mm (.115") & above | 5 & 15° | 53,9cm (21.25") | GM 1000/2000/3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |
| 4BT250109 JRM EXCLUSIVE | Micro-cut 7 -hole bedknife | 2,4mm (.098") & above | 5 & 15° | 53,9cm (21.25") | Greensmaster 3000 Series |
| 4BT250105 (Toro® #93-4262) | Micro-cut 13-hole bedknife | 2,4mm (.098") & above | 5 & 15° | 53,9cm (21.25") | GM 1000/2000/3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |
| 4BT250106 (Toro® #98-7261) | Micro-cut 11-hole bedknife | 2,4mm (.098") & above | 5 & 15° | 46,3cm (18.25") | GM800, Flex 18/1800, eFlex1800 |
| 4BT250107 (Toro® #108-4303) | Extended-cut 13-hole micro-cut bedknife | 2,4mm (.098") & above | 5 & 15° | 53,9cm (21.25") | GM 1000/2000/3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |
| 4BT250110 (Toro® #110-2300) | Extended-cut 11-hole micro-cut bedknife | 2,4mm (.098") & above | 5 & 15° | 46,3cm (18.25") | GM800, Flex 18/1800, eFlex1800 |
| 4BT250108 JRM EXCLUSIVE | Ultra-cut 13-hole bedknife with Max. Drag Clearance/Reduced Bruising | 2,4mm (.098") & above | 5 & 15° | 53,9cm (21.25") | GM 1000/2000/3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |
| 4TPB18 | Toro® DURANIUM-801® Elite super-thin cut 11-hole bedknife | 1,3mm (.050") & above | 5 & 90° | 46,3cm (18.25") | GM800, Flex 18, eFlex18 |
| 4TPB22 | Toro® DURANIUM-801® Elite super-thin cut 13-hole bedknife | 1,3mm (.050") & above | 5 & 90° | 53,9cm (21.25") | Flex 21, GM1000, GM3200, 300, 3000SPA, 3050 |
| 4STB050 | Toro® Fairway/Greensmower bedknife screws (Silver-colored)-Bag of 50 Screw Diameter .245"; Screw Length .500"; Screw Head Diameter .450" | | | | |

DURANIUM-801® Tee Untermesser / DURANIUM-801® Tee Box, Fringe, Apron & High-cut Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Toro® Machines |
|-------------------------------|-----------------------------|------------------------------------|---------------------------------|-----------------|--|
| 4BT250221 (Toro® #94-6396) | High-cut 7-hole bedknife | 4,4mm (.175") & above | 5 & 15° | 53,9cm (21.25") | Greensmaster 3000 Series |
| 4BT250222 (Toro® #94-6392) | High-cut 13-hole bedknife | 4,4mm (.175") & above | 5 & 15° | 53,9cm (21.25") | GM 1000/2000/3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |

DURANIUM-801® Fairway Untermesser / DURANIUM-801® Fairway Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Toro® Machines |
|---------------------------------|--|------------------------------------|---------------------------------|-----------------|--|
| 4BT243201 (Toro® #93-9774) | Low-cut 8-hole fairway bedknife | 7,2mm (.285") & above | 3.83 & 30° | 56,4cm (22.19") | RM 5500D/6500D/6700D SPA Cutting Units |
| 4BT243202 (Toro® #104-1810) | High-cut 8-hole fairway bedknife | 8,5mm (.335") & above | 3 & 11° | 56,4cm (22.19") | RM 5500D/6500D/6700D SPA Cutting Units |
| 4BT264203* (Toro® #108-9096) | Standard-cut 8-hole fairway bedknife | 6,3mm (.250") & above | 3.33 & 6° | 56,4cm (22.19") | RM 5210, 5410, 5510, 5610, 6500D, 6700D |
| 4BT265204 (Toro® #63-8610) | Standard-cut 7-hole fairway bedknife | 6,3mm (.250") & above | 3 & 13° | 53,9cm (21.25") | Greensmaster 3000 Series |
| 4BT264205 (Toro® #110-4084) | Low-cut 8-hole fairway bedknife | 5,0mm (.200") & above | 5 & 6° | 56,4cm (22.19") | RM 5210, 5410, 5510, 5610, 6500D, 6700D |
| 4BT248206 (Toro® #63-8600) | Standard-cut 13-hole fairway bedknife | 6,3mm (.250") & above | 3 & 6° | 53,9cm (21.25") | GM 3000/3100/3200 GM 3300/3320/3400/3240 Tri-Flex Units |
| 4BT243207 (Toro® #110-4074) | Heavy Duty 8-hole fairway bedknife | 8,8mm (.350") & above | 5 & 6° | 56,4cm (22.19") | RM 5210, 5410, 5510, 5610, 6500D, 6700D |
| 4STB050 | Toro® Fairway/Greensmower bedknife screws (Silver-colored)-Bag of 50 Screw Diameter .245"; Screw Length .500"; Screw Head Diameter .450" | | | | |

* The 4BT264203 ist das empfohlene Ersatz-Fairwayuntermesser für Toro's EdgeMax
 * The 4BT264203 is the recommended replacement for Toro's EdgeMax Fairway bedknife



Jacobsen® \ Baroness®

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DURANIUM-801® Grünmäher Untermesser / DURANIUM-801® Greensmower Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines |
|-----------------------------------|---|--|---------------------------------|-----------------|---|
| 4BJ250102 (Jacobsen® #503478) | Standard low-cut 13-hole bedknife | 3,4mm (.135") & above | 8 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4BJ250103 (Jacobsen® #503479) | Tournament 13-hole bedknife | 2,9mm (.115") & above | 8 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4BJ250104 (Jacobsen® #5002887) | Super Tournament 13-hole bedknife | 2,4mm (.098") & above | 5 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4BJ250105 (Jacobsen® #5002888) | Super Tournament 11-hole bedknife | 2,4mm (.098") & above | 5 & 90° | 46,3cm (18.25") | GK518, Eclipse 118/118F |
| 4BJ250106 (Jacobsen® #2810984) | Super Tournament 11-hole bedknife | 2,4mm (.098") & above | 5 & 90° | 49,1cm (19.35") | PGM 19 |
| 4BJ250108 (Jacobsen® #503476) | Tournament 11-hole bedknife | 2,9mm (.115") & above | 8 & 90° | 49,1cm (19.35") | PGM 19 |
| 4BJ250109 (Jacobsen® #4234900) | Ultra-cut 13-hole bedknife with Max. Drag Clearance | 2,4mm (.098") & above | 5 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4BJ250110 (Jacobsen® #4234901) | Ultra-cut 11-hole bedknife with Max. Drag Clearance | 2,4mm (.098") & above | 5 & 90° | 46,3cm (18.25") | GK518, Eclipse 118/118F |
| 4BJ250111 (Jacobsen® #5002887) | Extended Hole Super Tournament 13-hole bedknife | 2,4mm (.098") & above | 5 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4JPB18 | Jacobsen® DURANIUM-801® Elite super-thin cut 11-hole bedknife | 1,3mm (.050") & above | 5 & 90° | 46,3cm (18.25") | GK518, Eclipse 118/118F |
| 4JPB22 | Jacobsen® DURANIUM-801® Elite super-thin cut 13-hole bedknife | 1,3mm (.050") & above | 5 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4SJB050 | Jacobsen® bedknife screws-Bag of 50 Course-Threaded silver-colored screws | Screw Diameter: .229"; Screw Length: .472"; Screw Head Diameter: .417" | | | |

DURANIUM-801® Tee Untermesser / DURANIUM-801® Tee Box, Fringe, Apron & High-cut Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines |
|-----------------------------------|---|--|---------------------------------|-----------------|---|
| 4BJ250221 (Jacobsen® #503477) | High-cut 13-hole bedknife | 4,4mm (.175") & above | 8 & 90° | 55,8cm (22") | Eclipse122/122F, GK522, PGM22, E-Walk, Eclipse 322, GP400, G-Plex III, GK IV, V, VI, TC22 |
| 4BJ250222 (Jacobsen® #4118902) | High-cut 11-hole bedknife | 4,4mm (.175") & above | 8 & 90° | 46,3cm (18.25") | Jacobsen SLF1880, GK518, Eclipse 118 |
| 4SJB050 | Jacobsen® bedknife screws-Bag of 50 Course-Threaded silver-colored screws | Screw Diameter: .229"; Screw Length: .472"; Screw Head Diameter: .417" | | | |

DURANIUM-801® Fairway Untermesser / DURANIUM-801® Fairway Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines |
|------------------------------------|---|--|---------------------------------|-----------------|---|
| 4BJ248201* (Jacobsen® #503460) | Standard-cut 13-hole fairway bedknife | 9,1mm (.360") & above | 5 & 90° | 55,8cm (22") | Jacobsen® GKV, GKVI, LF128, LF135/510/550/570, LF3400, LF3800, LF4675, LF4677 |
| 4BJ248202* (Jacobsen® #5003150) | Low-cut 13-hole fairway bedknife | 8,1mm (.320") & above | 5 & 90° | 55,8cm (22") | Eclipse 322, G-Plex III, GP400, LF550/570/3400/4675/510 |
| 4BJ248203 (Jacobsen® #4118902) | Low-cut 11-hole fairway bedknife | 8,1mm (.320") & above | 5 & 90° | 46,3cm (18.25") | Jacobsen® SLF1880 |
| 4BJ248204 (Jacobsen® #554284) | Heavy-duty 11-hole Fairway bedknife | 9,1mm (.360") & above | 5 & 90° | 66,0cm (26") | Jacobsen® Tri-King, TR3 4SJB050/100 |
| 4SJB050 | Jacobsen® bedknife screws-Bag of 50 Course-Threaded silver-colored screws | Screw Diameter: .229"; Screw Length: .472"; Screw Head Diameter: .417" | | | |

*Das 4BJ248202 passt nur bei der 5-Blatt Spindel des Jacobsen LF3800, es funktioniert nicht bei der 7-Blatt Spindel. Wir empfehlen das 4BJ248201 für den LF3800.
 *The 4BJ248202 can fit on the 5-blade reels for the Jacobsen LF3800. It will not work on the 7-blade reels for the LF3800. We recommend the 4BJ248201 for the LF3800.

Baroness® Elite Super-dünnes Untermesser / Baroness® Elite Super-thin Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines |
|---------------------------|---|------------------------------------|---------------------------------|-----------------|----------------------|
| 4BPP18 | Baroness® DURANIUM-801® Elite super-thin cut 11-hole bedknife | 1,3mm (.050") & above | 0 & 15° | 46,3cm (18.25") | LM 18G |
| 4BPP22 | Baroness® DURANIUM-801® Elite super-thin cut 13-hole bedknife | 1,3mm (.050") & above | 0 & 15° | 55,8cm (22") | LM56G, LM66T |



John Deere®

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 • It is extremely important that you use JRM screws with all of our bedknives. OEM screws could affect our tolerances and overall bedknife performance.

DURANIUM-801® Grünsmäher Untermesser / DURANIUM-801® Greensmower Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines | JRM Schraube JRM Screw |
|-------------------------------------|--|------------------------------------|---------------------------------|-----------------|--|---------------------------|
| 4BD250102 (John Deere® #ET17533) | Extended-Cut Standard Low-Cut 13-hole bedknife | 3,4mm (.135") & above | 8 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250117 JRM EXCLUSIVE | Super Extended-cut Standard Low-Cut 13-hole bedknife | 3,4mm (.135") & above | 5 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250103 (John Deere® #ET17534) | Extended-Cut Tournament 13-hole bedknife | 2,9mm (.115") & above | 8 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250108 (John Deere® #MT4846) | Extended-Cut Tournament 11-hole bedknife | 2,9mm (.115") & above | 8 & 90° | 46,3cm (18.25") | JD180A/B/C SL WGM 18" QA5 | 4SDB050 |
| 4BD250304 (John Deere® #ET4869) | John Deere® DURANIUM-801® 13-hole Super Tournament bedknife | 2,4mm (.098") & above | 8 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250305 (John Deere® #MT6944) | John Deere® DURANIUM-801® 11-hole Super Tournament bedknife | 2,4mm (.098") & above | 8 & 90° | 46,3cm (18.25") | JD180A/B/C SL WGM 18" QA5 | 4SDB050 |
| 4BD250104 (John Deere® #ET4869) | Extended-Cut Super Tournament 13-hole bedknife | 2,4mm (.098") & above | 8 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250105 (John Deere® #MT6944) | Extended-Cut Super Tournament 11-hole bedknife | 2,4mm (.098") & above | 8 & 90° | 46,3cm (18.25") | JD180A/B/C SL WGM 18" QA5 | 4SDB050 |
| 4BD250114 (John Deere® #ET4869) | Super Extended-cut Super Tournament 13-hole bedknife | 2,4mm (.098") & above | 5 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250115 (John Deere® #MT6944) | Super Extended-cut Super Tournament 11-hole bedknife | 2,4mm (.098") & above | 5 & 90° | 46,3cm (18.25") | JD180A/B/C SL WGM 18" QA5 | 4SDB050 |
| 4BD250109 (John Deere® #MT7351) | Extended-Cut Ultra-cut 13-hole bedknife With Max. Drag Clearance | 2,4mm (.098") & above | 8 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250110 JRM EXCLUSIVE | Extended-Cut Ultra-cut 11-hole bedknife With Max. Drag Clearance | 2,4mm (.098") & above | 5 & 90° | 46,3cm (18.25") | JD180A/B/C SL WGM 18" QA5 | 4SDB050 |
| 4JDPB18 | John Deere® DURANIUM-801® Elite super-thin cut 11-hole bedknife | 1,3mm (.050") & above | 5 & 90° | 46,3cm (18.25") | JD180A/B/C SL WGM 18" QA5 | 4SDB050 |
| 4JDPB22 | John Deere® DURANIUM-801® Elite super-thin cut 13-hole bedknife | 1,3mm (.050") & above | 5 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500, 7500, 8500 | 4SDB050 |

DURANIUM-801® Tee Untermesser / DURANIUM-801® Tee Box, Fringe, Apron & High-cut Replacement Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines | JRM Schraube JRM Screw |
|--------------------------------------|-----------------------------|------------------------------------|---------------------------------|-----------------|----------------------------|---------------------------|
| 4BD250221 (John Deere® #ET17532) | High-cut 13-hole bedknife | 4,4mm (.175") & above | 8 & 90° | 55,8cm (22") | JD220A/B/C, JD2443, JD2500 | 4SDB050 |
| 4BD250222 (John Deere® #TCU25299) | High-cut 11-hole bedknife | 4,4mm (.175") & above | 8 & 90° | 46,3cm (18.25") | JD180, JD8000 E-Cut | 4SDB050 |

DURANIUM-801® Fairway Untermesser / DURANIUM-801® Fairway Bedknives

| Artikelnummer Part No. | Beschreibung Description | Schnitthöhe Cutting edge height | Freistellwinkel Relief Angle | Länge Length | Maschine Machines | JRM Schraube JRM Screw | Mutter JRM Nut |
|--|---------------------------------------|------------------------------------|---------------------------------|-----------------|--|---------------------------|-------------------|
| 4BD273201 (John Deere® #ET17751) | Standard-cut 9-hole fairway bedknife | 9,1mm (.360") & above | 5 & 6° | 57,5cm (22.63") | John Deere® 7700, 8700 | 4SDF050 | 4SDN050 |
| 4BD273202 (John Deere® #ET17767) | High-cut 13-hole fairway bedknife | 6,8mm (.270") & above | 5 & 6° | 57,5cm (22.63") | John Deere® 220A, 220B, 2500A, 3215A, 3235A, 3225C, 7500, 8500 | 4SDB050 | |
| 4BD273205 (John Deere® #ET17767) | Extended-cut 13-hole fairway bedknife | 6,9mm (.270") & above | 5 & 6° | 57,5cm (22.63") | John Deere® 220A, 220B, 2500A, 3215A, 3235A, 3225C, 7500, 8500 | 4SDB050 | |
| 4BD273203 (John Deere® #MT1928) | Standard-cut 9-hole fairway bedknife | 6,0mm (.240") & above | 5 & 6° | 57,5cm (22.63") | John Deere® 3215A, 3235A, 3225C, 7700, 8700 | 4SDF050 | 4SDN050 |
| 4BD273204 (John Deere® #MT3983) | Low-cut 9-hole fairway bedknife | 4,6mm (.180") & above | 5 & 6° | 57,5cm (22.63") | John Deere® 3215A, 3235A, 3225C, 7700, 8700, 2243 | 4SDF050 | 4SDN050 |
| NEW 4BD273206 (John Deere® #ET17752) | Standard-cut 10-hole fairway bedknife | 9,1mm (.360") & above | 5 & 6° | 66,0cm (26") | JD2653 | 4SDF050 | |
| NEW 4BD273207 (John Deere® #MT1973) | Standard-cut 12-hole fairway bedknife | 9,1mm (.360") & above | 5 & 6° | 76,2cm (30") | JD2653 | 4SDF050 | |

Untermesserschrauben und Muttern / Fairway, Greensmower Bedknife Screws & Nuts

| Artikelnummer Part No. | Beschreibung Description | Schraubenabmessungen Screw Measurements |
|---------------------------|---|--|
| 4SDB050 | John Deere® bedknife screws-Bag of 50 and 100 Course-Threaded gold-colored screws | Screw Diameter: .245"; Screw Length: .500"; Screw Head Diameter: .450" |
| 4SDF050 | John Deere® bedknife screws-Bag of 50 and 100 Course-Threaded gold-colored screws | Screw Diameter: .370"; Screw Length: .732"; Screw Head Diameter: .673" |
| 4SDN050 | Lock Nuts for John Deere Bedknife Screws-Bag of 50 | Lock Nut Diameter: 1/2" |



SICHELMESSER / ROTARY BLADES

| Oregon # | OEM Nr. OEM No. | JRM Part # | Maschine Machine | Style | Länge Length | Aufnahmeloch Arbor | Breite Width | Stärke Thickness |
|------------------------------------|----------------------------------|------------|--|----------|------------------------|-----------------------|-----------------|---------------------|
| JRM MOWER BLADE TOP SELLERS | | | | | | | | |
| 94-052 | 100-5754-03 | 4RT250102 | Toro 3500/4500/4700 | Standard | OEM 68,6cm (27") | 12,7mm (.500") | 6,3cm (2.50") | 5,2mm (.203") |
| 96-741 | 107-0235-03 | 4RT250101 | Toro 3500D/4000D/4500D/4700D | Mulching | G3 68,3cm (26 15/16") | 12,7mm (.500") | 6,3cm (2.50") | 5,2mm (.203") |
| 94-045 | 92-5608-03 | 4RT250103 | Toro 4000D/4100D/4110D | Standard | OEM 55,1cm (21 11/16") | 12,7mm (.500") | 6,3cm (2.50") | 6,3mm (.250") |
| 96-708 | 107-0214-03 | 4RT250104 | Toro 4000D/4100D/4110D | Mulching | G3 55,1cm (21 11/16") | 12,7mm (.500") | 6,3cm (2.50") | 6,3mm (.250") |
| 580820 | TCU27876 | | John Deere 7400 | Standard | OEM 68,6cm (27") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 580823 | TCU27401 | | John Deere 7400 | Mulching | G6 68,6cm (27") | 22,2mm (7/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 580819 | GC00344 | | John Deere 8800, 3245 Series | Standard | OEM 52,5cm (20.675") | 9,5mm (3/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 96-811 | GC00175 | | John Deere 8800, 3245 Series | Mulching | G3 52,5cm (20.675") | 9,5mm (3/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 391-591 | 4137186 | 4RJ300105 | Jacobsen AR-5/522 | Mulching | G6 55,8cm (22") | 12,7mm (1/2") | 7,62cm (3.00") | 6,3mm (.250") |
| 91-591 | 4137186 | 4RJ250107 | Jacobsen AR-5/522 | Standard | OEM 55,8cm (22") | 12,7mm (1/2") | 6,3mm (.250") | 6,3mm (.250") |
| 91-593 | 522372 | 4RP250101 | Progressive Pro-Flex 120/120R (Left Hand) (4 to a set) | Standard | OEM 68,6cm (27") | 25,4mm (1.00") | 6,3cm (2.50") | 7,9mm (.312") |
| 91-592 | 522374 | 4RP250102 | Progressive Pro-Flex 120/120R (Right Hand) (1 to a set) | Standard | OEM 68,6cm (27") | 25,4mm (1.00") | 6,3cm (2.50") | 7,9mm (.312") |
| 396-726 | 390665 | 4RJ300106 | Jacobsen 52" Cut for Ransomes | Mulching | G6 45,7cm (18") | 15,8mm (5/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 396-702 | 112243-03 | 4RJ300101 | Jacobsen AR-5 | Mulching | G6 53,3cm (21") | 15,8mm (.625") | 7,62cm (3.00") | 6,3mm (.250") |
| 596-702 | 112243-03 | 4RJ300102 | Jacobsen AR-5 | Mulching | G5 53,3cm (21") | 15,8mm (5/8") | 7,62cm (3.00") | 5,2mm (.203") |
| 93-025 | 112111-04 | 4RJ250102 | Jacobsen Bobcat (1-hole) | Standard | OEM 63,3cm (24 15/16") | 15,8mm (5/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 396-731 | 42139B/ P848 | 4RJ300103 | Jacobsen Bobcat (1-hole)/Lastec | Mulching | G6 63,5cm (25") | 15,8mm (5/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 96-696 | JT391039 | 4RJ250106 | Jacobsen HR 5111 (Left-hand blade) | Mulching | G3 58,4cm (23") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 96-795 | JT391040 | 4RJ250105 | Jacobsen HR 5111 (Right-hand blade) | Mulching | G3 58,4cm (23") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 92-013 | 3007759 | 4RJ250104 | Jacobsen HR 9016 Turbo | Standard | OEM 52,9cm (20 13/16") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 93-013 | 112243-03 | 4RJ250101 | Jacobsen HR6010/Turfcut 628D | Standard | OEM 53,3cm (21") | 15,8mm (5/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 396-736 | 390515 | 4RJ300104 | Jacobsen Turfcut 72 (will fit 3-hole machine) | Mulching | G6 63,3cm (24 15/16") | 11,1mm (7/16") | 7,62cm (3.00") | 6,3mm (.250") |
| 91-352 | 390515 | 4RJ250103 | Jacobsen Turfcut 72" cut (3-hole) | Standard | OEM 63,3cm (24 15/16") | 11,1mm (7/16") | 6,3cm (2.50") | 6,3mm (.250") |
| JOHN DEERE MOWER BLADES | | | | | | | | |
| 396-710 | M144935 | | John Deere | Mulching | G6 55,6cm (21 7/8") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 91-395 | M141786 | 4RD250102 | John Deere (72" cut) 72/172/272 | Standard | OEM 63,3cm (24 15/16") | 22,2mm (7/8") | 6,3cm (2.50") | 7,9mm (.312") |
| 92-104 | GX21784 | | John Deere 100 Series 48" Cut | Standard | OEM 43,18cm (17") | 7 Pt Star | 6,98cm (2.75") | 4,2mm (.164") |
| 396-743 | TCU15882 | 4RD300106 | John Deere 1453 72" cut, 7-Iron deck | Mulching | G3 63,3cm (24 15/16") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 92-114 | M142514 | 4RD300103 | John Deere 1453 72" cut, 7-Iron deck | Mulching | OEM 63,18cm (24 7/8") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 596-722 | M144297 | | John Deere 1600 Wide Area Mower | Mulching | G5 55,6cm (21 7/8") | 22,2mm (7/8") | 7,62cm (3.00") | 5,2mm (.203") |
| 92-120 | TCU51118 | 4RD250101 | John Deere 1600 Wide Area Mower | Standard | OEM 55,6cm (21 7/8") | 22,2mm (7/8") | 6,3cm (2.50") | 7,9mm (.312") |
| 91-445 | M127500 | 4RD250105 | John Deere 48" cut new style deck, LT166 | Standard | OEM 43,3cm (17 1/16") | 20,6mm (13/16") | 6,3cm (2.50") | 5,2mm (.203") |
| 396-770 | TCU14939 | 4RD300107 | John Deere 48" cut, 7-Iron deck | Mulching | G6 43,3cm (17 1/16") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 91-079 | TCU14939 | 4RD250104 | John Deere 48" cut, 7-Iron deck | Standard | OEM 43,3cm (17 1/16") | 22,2mm (7/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 91-138 | M136195 & TCU30316 | | John Deere 54" Cut, 7-Iron Deck, Z Track, Signature Series | Standard | OEM 48,4cm (19 1/16") | 22,2mm (7/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 92-118 | M144652, M164016, TCU30317 | | John Deere 54" Cut, High Lift, Z Track, Signature Series | Standard | OEM 48,4cm (19 1/16") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 396-775 | M141786 | 4RD300101 | John Deere 777 (72" cut) | Mulching | G6 63,3cm (24 15/16") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 91-078 | M128485 | | John Deere all 60" cut, Extended Cut 7-Iron decks | Standard | OEM 53,0mm (20 7/8") | 22,2mm (7/8") | 6,3cm (2.50") | 7,8mm (.310") |
| 92-113 | TCU15881 | 4RD300104 | John Deere all 60" cut, high lift 7-Iron decks | Standard | OEM 53,2mm (20 15/16") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| 396-730 | M131958, TCU18990 | 4RD300109 | John Deere High Cut 7 Iron Deck 60" Cut | Mulching | G6 53,5mm (21 1/16") | 22,2mm (7/8") | 7,62cm (3.00") | 6,3mm (.250") |
| TORO MOWER BLADES | | | | | | | | |
| 94-055 | 105-7718 | 4RT250107 | Toro (60" cut) Hi-Flow Model #74942 | Standard | OEM 52,1mm (20 1/2") | 15,8mm (5/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 94-127 | 14-1659 | | Toro 21" Cut, Walk Behind Recycler | Standard | OEM 53,2mm (20 15/16") | 11,1mm (7/16") | 5,72cm (2.25") | 3,4mm (.134") |
| 94-322 | 104-8697 | | Toro 22" Cut, Walk Behind Recycler | Standard | OEM 55,1cm (21 11/16") | 11,1mm (7/16") | 5,72cm (2.25") | 3,3mm (.129") |
| 96-374 | 108-4081 | | Toro 40" Cut, Turbo Force Deck | Mulching | G3 35,5cm (14") | 15,8mm (5/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 94-068 | 106-2247 | | Toro 42" cut, Mulcher, Recycler, Time Cutter Z | Standard | OEM 54,8cm (21 9/16") | 15,8mm (5/8") | 5,72cm (2.25") | 4,2mm (.164") |
| 96-308 | 107-3193 | | Toro Turbo Force Deck 48" Cut | Mulching | G3 41,9cm (16 1/2") | 15,8mm (5/8") | 6,3cm (2.50") | 5,2mm (.203") |
| 96-701 | 106-7166 | 4RT250109 | Toro 455D | Mulching | G3 48,3cm (19") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |

| Oregon # | OEM Nr. OEM No. | JRM Part # | Maschine Machine | Style | | Länge Length | Aufnahmeloch Arbor | Breite Width | Stärke Thickness |
|----------------------------|--------------------|------------|---|----------|-----|--------------------|-----------------------|-----------------|---------------------|
| 94-063 | 112-9759-03 | | Toro 50" cut, Time Cutter Z | Standard | OEM | 44,5cm (17 1/2") | 15,8mm (5/8") | 5,72cm (2.25") | 4,2mm (.164") |
| 96-803 | 115-4999 | | Toro 54" Cut for Titan ZX5400, ZX5420 | Mulching | OEM | 47,9cm (18 2/4") | 15,8mm (5/8") | 5,72cm (2.25") | 4,2mm (.164") |
| 96-319 | 105-7715-03 | 4RT250116 | Toro 60" High Lift Turbo Force Deck | Mulching | G3 | 52,1mm (20 1/2") | 15,8mm (5/8") | 6,3cm (2.50") | 5,2mm (.203") |
| 94-011 | 29-5530 | 4RT250108 | Toro 72" cut Left-hand cut heavy duty Groundsmaster | Standard | OEM | 63,5cm (25") | 19,0mm (3/4") | 6,3cm (2.50") | 6,3mm (.250") |
| 94-040 | 85-6040 | 4RT250110 | Toro 72" cut, Recycler, Groundsmaster | Mulching | OEM | 64,9cm (25 3/16") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 96-705 | 85-6040 | 4RT250113 | Toro 72" cut, Recycler, Groundsmaster | Mulching | G3 | 64,9cm (25 3/16") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 94-074 | 110-0621-03 | | Toro Groundsmaster 3280-D3320 | Standard | OEM | 62,2cm (24 1/2") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 94-620 | 69-6920 | 4RT250111 | Toro Groundsmaster 580D | Mulching | G3 | 50,84cm (20 1/64") | 15,8mm (5/8") | 6,3cm (2.50") | 5,2mm (.203") |
| 96-720 | 69-6920 | 4RT250112 | Toro Groundsmaster 580D - Magnum Blade | Mulching | G3 | 50,84cm (20 1/64") | 15,8mm (5/8") | 6,3cm (2.50") | 6,3mm (.250") |
| 96-802 | 110-5948-03 | 4RT250106 | Toro Groundsmaster 5900/5910 | Mulching | G3 | 50,8cm (20") | 12,7mm (.500") | 6,3cm (2.50") | 5,2mm (.203") |
| 96-801 | 110-4701-03 | 4RT250115 | Toro Groundsmaster 7200 Zero Turn 60" Deck | Mulching | G3 | 52,1mm (20 1/2") | 12,7mm (1/2") | 6,3cm (2.50") | 6,3mm (.250") |
| 94-071 | 110-0624-03 | 4RT250105 | Toro Grounsmaster 3280D/ 72" cut Model # 74944 | Mulching | G3 | 62,2cm (24 1/2") | 12,7mm (.500") | 6,3cm (2.50") | 6,3mm (.250") |
| 396-764 | 105-7711-03 | 4RT300102 | Toro Turbo Force Deck 72" Cut | Mulching | G6 | 62,2cm (24 1/2") | 15,8mm (5/8") | 7,62cm (3.00") | 6,3mm (.250") |
| WALKER MOWER BLADES | | | | | | | | | |
| 91-912 | 5705-4 | 4RW275101 | Walker 42" cut, rear discharge left hand cut | Standard | OEM | 55,8cm (22") | 15,8mm (5/8") | 6,98cm (2.75") | 5,2mm (.203") |
| 91-913 | 5705-3 | 4RW275102 | Walker 42" cut, rear discharge right hand cut | Standard | OEM | 55,8cm (22") | 15,8mm (5/8") | 6,98cm (2.75") | 5,2mm (.203") |
| 91-917 | 7705-2 | | Walker 48" cut, rear discharge, high lift, left hand cut | Standard | OEM | 63,5cm (25") | 15,8mm (5/8") | 6,98cm (2.75") | 5,2mm (.203") |
| 91-918 | 7705-1 | | Walker 48" cut, rear discharge, high lift, right hand cut | Standard | OEM | 63,5cm (25") | 15,8mm (5/8") | 6,98cm (2.75") | 5,2mm (.203") |

standard

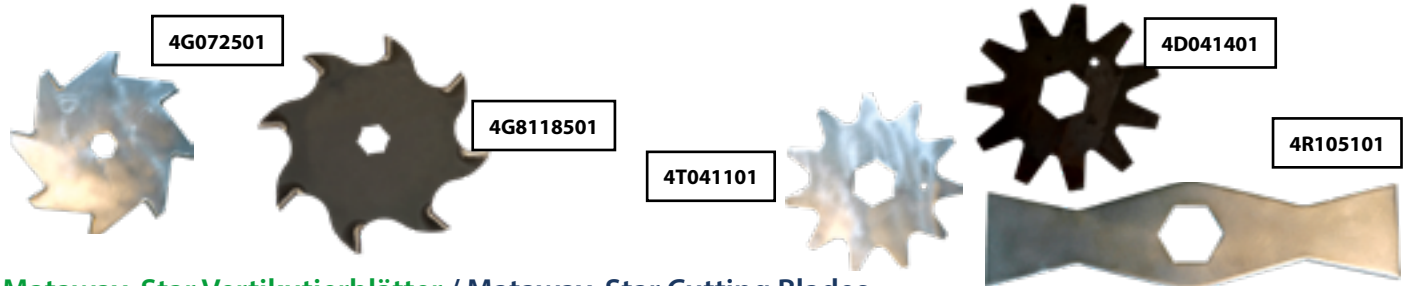
mulching



VERTIKUTIERBLÄTTER / CUTTING BLADES

DILLENNIUM® Graden® Vertikutierblätter / DILLENNIUM® Graden® cutting blades

| Artikelnummer Part No. | Beschreibung Description | Außendurchmesser Blade Diameter | Messerstärke Blade Thickness | Für folgende Maschinen Replacement Description | Breite Width |
|---------------------------|---------------------------------|------------------------------------|---------------------------------|--|-----------------|
| 4G031501 | 1/32" DILLENNIUM® Graden® blade | 19,1cm (7 1/2") | 1mm | Graden® GS04 Verti-cut machine | 1,1mm (.045") |
| 4G060501 | 1/16" DILLENNIUM® Graden® blade | 19,1cm (7 1/2") | 2mm | Graden® Verti-cut machine | 1,9mm (.075") |
| 4G072501 | 1/10" DILLENNIUM® Graden® blade | 19,1cm (7 1/2") | 2,5mm | Graden® Verti-cut machine | 2,5mm (.100") |
| 4G125501 | 1/8" DILLENNIUM® Graden® blade | 19,1cm (7 1/2") | 3mm | Graden® Verti-cut machine | 3,2mm (.125") |
| 4G8046501 | 1/32" DILLENNIUM® Graden® blade | 20,9cm (8 1/4") | 1mm | Graden® GBS 1200, SW04 Swing-Wing Verti-Cutter, CSI Contour Sand Injector Verti-Cutter | 1,1mm (.045") |
| 4G8079501 | 1/16" DILLENNIUM® Graden® blade | 20,9cm (8 1/4") | 2mm | Graden GBS 1200, SW04 Swing-wing Verti-cutter, CSI Contour Sand injector Verti-cutter | 1,9mm (.075") |
| 4G8118501 | 1/10" DILLENNIUM® Graden® blade | 20,9cm (8 1/4") | 2,5mm | Graden GBS 1200, SW04 Swing-wing Verti-cutter, CSI Contour Sand injector Verti-cutter | 2,5mm (.100") |
| 4G8125501 | 1/8" DILLENNIUM® Graden® blade | 20,9cm (8 1/4") | 3mm | Graden GBS 1200, SW04 Swing-wing Verti-cutter, CSI Contour Sand injector Verti-cutter | 3,2mm (.125") |



Mataway, Star Vertikutierblätter / Mataway, Star Cutting Blades

| Artikelnummer Part No. | Beschreibung Description | Außendurchmesser Blade Diameter | Innendurchmesser Arbor Size | Für folgende Maschinen Replacement Description |
|---------------------------|--------------------------------------|------------------------------------|--------------------------------|---|
| 4R031101 | 1/32" Mataway Blade | 18,4cm (7 1/4") | 25,4mm (1") | 1/32" Ryan® Mataway Machine |
| 4R062101 | 1/16" Mataway Blade | 18,4cm (7 1/4") | 25,4mm (1") | 1/16" Ryan® Mataway Machine |
| 4R105101 | 1/8" Mataway Blade | 18,4cm (7 1/4") | 25,4mm (1") | 1/8" Ryan® Mataway Machine |
| 4T041101 | Star Verti-cut blade for Toro® | 12,7cm (5") | 28,6mm (1.125") | 1/32" Toro® Reel Verti-cut blade OEM# 17-1590; 111 required |
| 4T041132 | Toro® Verti-cut Reel Star Blade | 12,7cm (5") | 33,7mm (1.325") | 1/32" Toro® GR3320 Triflex Mower Blade OEM# 121-6674 |
| 4J041401 | Star Verti-cut blade for Jacobsen® | 12,7cm (5") | 25,4mm (1") | Star blade replacements for Jacobsen #335449 |
| 4D041401 | Star Verti-cut blade for John Deere® | 12,7cm (5") | 28,6mm (1.125") | Star blade replacements for John Deere #AMT2703 |

DILLENNIUM® Vortex Verti® Vertikutierblätter / DILLENNIUM® Vortex Verti® Cutting Blades

| Artikelnummer Part No. | Beschreibung Description | Außendurchmesser Blade Diameter | Für folgende Maschinen Replacement Description |
|---------------------------|--|------------------------------------|---|
| 4VD079501 | DILLENNIUM® Vortex Verti® blade | 12,7cm (5") | Hexagonal mount, 2mm for John Deere® |
| 4VD047501 | DILLENNIUM® Vortex Verti® blade | 12,7cm (5") | Hexagonal mount, 1,2mm for John Deere® |
| 4VJ079501 | DILLENNIUM® Vortex Verti® blade | 12,7cm (5") | Square mount, 2mm for Jacobsen/Ransome® |
| 4VJ047501 | DILLENNIUM® Vortex Verti® blade | 12,7cm (5") | Square mount, 1,2mm for Jacobsen/Ransome® |
| 4VT079501 | DILLENNIUM® Vortex Verti® blade | 12,7cm (5") | Hexagonal mount, 2mm for Toro® |
| 4VT047501 | DILLENNIUM® Vortex Verti® blade | 12,7cm (5") | Hexagonal mount, 1,2mm for Toro® |
| 4VJS250 | Vortex Verticut 1/4" Spacer for Jacobsen® Mowers | | Spacers attachable for spacing of 1/2", 3/4", 1" |

| Artikelnummer Part No. | Abstand der Messer Spacer Size | Anzahl der benötigten Messer Number Of Blades Required |
|---------------------------|-----------------------------------|---|
| John Deere® | 12,7mm (1/2") | 117 |
| | 19,0mm (3/4") | 81 |
| | 25,4mm (1") | 60 |
| TORO® | 12,7mm (1/2") | 111 |
| | 19,0mm (3/4") | 78 |
| | 25,4mm (1") | 60 |
| Jacobsen® & Ransome® | 12,7mm (1/2") | 111 |
| | 19,0mm (3/4") | 78 |
| | 25,4mm (1") | 60 |



SPOONS, MONTAGEBLÖCKE & PRONGS / TINES, BLOCKS & PRONGS

Spoons / Closed Spoon Tines

| Artikelnummer Part No. | Beschreibung Description | Gesamtlänge Total Length | Für folgende Maschinen Replacement Description |
|---------------------------|---|-----------------------------|---|
| 1N100103 | JRM Closed Spoon 1" split, two-hole mount | 21,6cm (8.5") | Hahn-Westpoint® .9" and similar [H-W3556] |
| 1N750102 | JRM Closed Spoon 3/4" split, one-hole mount | 19,0cm (7.5") | Ryan Renovaire-Tracaire® .9" and similar |

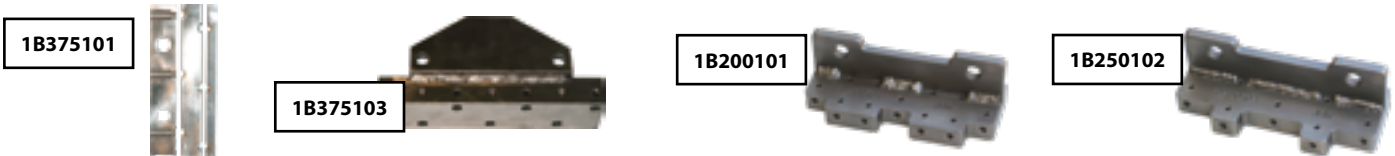


Montageblöcke / Mounting Blocks

| Artikelnummer Part No. | Beschreibung Description | Blocks pro Set Blocks Per Set |
|---------------------------|--|----------------------------------|
| 1B200101 | .200" 14-Hole Seeder tine block for Toro Procore 648 | Set=6 blocks |
| 1B250102 | .250" 10-Hole Needle Tine Block for Toro Procore 648 | Set=6 blocks |
| 1B375102 | .375" 10-Hole Quad Tine Block for Toro Procore 648 | Set=6 blocks |
| 1B375101 | 3/8" Quad Block for Toro® Walking Greens Aerifier | Set=4 blocks |
| 1B375103 | 3/8" Quad Block for John Deere® 1500 (also fits 2000) 9" long, 7 holes | Set= 6 blocks |

Bitte verwenden Sie nur für Ihre Maschine passende Montageblöcke! Alle JRM-Montageblöcke werden aus hochwertigem Stahl gefertigt und maschinell bearbeitet.

Please note that Tine Holders are specific to certain manufacturers and are very unlikely to work on alternative brands as tines might. Tine Holders are usually purchased in sets of four or more (typically one for each "arm" on the aerification machine). All JRM Tine Holders are made of high-grade steel and machined. Most OEM blocks are cast.



Bunkermaschinen-Lockerungszinken / Rake Prongs

| Artikelnummer Part No. | Beschreibung Description | Außen Ø O.D. | Innen Ø I.D. | Maschine Machines |
|---------------------------|--|-----------------|-----------------|----------------------|
| 9T375100 | JRM Rake Prong 3.15" long (27 per set) | 9,5mm (3/8") | Solid | For Toro® Sand Pro |
| 9T375150 | JRM Rake Prong 2.65" long (27 per set) | 9,5mm (3/8") | Solid | For Toro® Sand Pro |
| 9T375175 | JRM Rake Prong 2.10" long (27 per set) | 9,5mm (3/8") | Solid | For Toro® Sand Pro |



PREMIUM DILLENIUM®

SCHLEIFSCHEIBEN

JRM Vulcan Schleifscheiben

Die JRM Vulcan Untermesser Schleifscheiben präsentieren eine neue Richtung von JRM, Inc. um die Arbeitsplätze der Wartungstechniker zu erleichtern. Im Laufe der Jahre hat sich die RC Härte der Untermesser geändert. Leider sind die zurzeit benutzten Steine relativ gleich geblieben. Die Schleifscheibe verfügt über eine kubische Bornitrid-Oberfläche die für den Einsatz auf hartem Stahl geeignet ist. Charakteristisch hierfür ist der kühle Schliff, beständiges Schleifen und die Vielseitigkeit. Es ist ,neben dem Diamant, das zweithärteste Schleifmittel auf dem Markt. Die Vulcan Schleifscheibe ist stärker und haltbarer als Ihre Standard-Aluminiumoxid-Schleifscheiben.

JRM bietet jetzt sechs Untermesser-Schleifscheiben (4 parallel, 2 konisch) die auf Neary, Foley, Peerless und Bernhard Anglemaster Schleifeinheiten passen, an. Eine kleinere Version von unserer Abrichtleiste ist im Lieferumfang jeder Schleifscheibe enthalten. Unsere großen Abrichtleisten (doppelt so groß) 9GW211111 können separat erworben werden.

GRINDING WHEELS

Vulcan Grinding Wheelz Overview

The JRM Vulcan Bedknife Grinding Wheelz showcase a new direction for JRM, Inc. in its mission to make the jobs of maintenance technicians easier. Through the years, the RC hardness of bedknives has changed. Unfortunately, until now, the stones used to resurface them have stayed relatively the same. JRM Vulcan Wheelz feature a Cubic Boron Nitride surface that is covered for its use on harder steels, and its cool grinding characteristics, consistent grinding, and versatility. It is the second hardest abrasive on the market next to diamond. The Vulcan Wheel is stronger and more durable than your standard Aluminum Oxide wheel. JRM now offers six bedknife grinding wheels (4 parallel, 2 tapered) that fit Neary, Foley, Peerless, and Bernhard Anglemaster grinding units. A smaller version of our full-sized dressing stick is included with every grinding wheel. Our full-sized (twice the size) dressing sticks (9GW211111) can be purchased separately.

| Artikelnummer Part No. | Beschreibung Description | Durchmesser Diameter | Breite Width | Aufnahmeloch Arbor | Maschine Machines |
|---------------------------|---|-------------------------|-----------------|-----------------------|--|
| 9GW600125 | JRM Vulcan Grinding Wheel Parallel, Dressing stick included | 15,2cm (6") | 12,7mm (1/2") | 32mm (1 1/4") | Fits Foley, Peerless & Neary machines |
| 9GW600135 | JRM Vulcan Grinding Wheel Parallel, Dressing stick included | 15,2cm (6") | 25,4mm (1") | 35mm | Fits Bernhard Anglemaster 4000/4000DX |
| 9GW600162 | JRM Vulcan Grinding Wheel Parallel, Dressing stick included | 15,2cm (6") | 25,4mm (1") | 15,8mm (5/8") | Fits Foley machines |
| 9GW600235 | JRM Vulcan Grinding Wheel Parallel, Dressing stick included | 15,2cm (6") | 50,8mm (2") | 35mm | Fits Bernhard Anglemaster 3000/4000/4000DX |
| 9GW500035 | JRM Vulcan Grinding Wheel Taper, Dressing stick included | 12,7cm (5") | 38,1mm (1 1/2") | 35mm | Fits Bernhard Anglemaster 1000/2000 |
| 9GW500750 | JRM Vulcan Grinding Wheel Taper, Dressing stick included | 12,7cm (5") | 38,1mm (1 1/2") | 19,0mm (3/4") | Fits Bernhard Anglemaster 1000/2000 |
| 9GW211111 | Full-size dressing stick for Vulcan Grinding Wheelz | | | | |



ABNÜTZUNG UND BRUCH / WEAR & TEAR USAGE

Dieser Spoon wurde in einer Aerifiziermaschine mit schwerem Timingproblem benutzt.
This tine was used on an aerification machine with a severe timing problem.



Schwere Timing Probleme Severe Timing Problems

Original Spoon ohne DILLENNIUM®
OEM conventional tine



JRM DILLENNIUM® Spoon
JRM DILLENNIUM® tine

OEM Normale Abnutzung / Normal Wear

Original Hersteller Spoon mit normaler Abnutzung in steiniger Erde.
OEM conventional tine with normal wear in rocky turf



DILLENNIUM® Normale Abnutzung / Normal Wear

Ein JRM DILLENNIUM® Spoon mit normaler Abnutzung nach 18 Grüns
A JRM DILLENNIUM® tine with normal wear after 18 greens



Pflege und Lagerung von DILLENNIUM® Spoons.

Wegen der Langlebigkeit der JRM DILLENNIUM® sind wir mit neuartigen Auflagen in der Golfindustrie konfrontiert. Wie versorgt man gebrauchte Spoons die noch einen relevanten Verbrauchswert haben?

Wir empfehlen folgende Schritte um den größten Nutzen aus Ihren JRM DILLENNIUM® Spoons zu ziehen.

1. Reinigen Sie allen Schmutz und Gras vom Spoon. Zum Beispiel durch absprühen. Seife kann bei Bedarf verwendet werden.

Trocknen sie alle Spoons sorgfältig!

2. Sprühen sie **Silikonspray** auf die Spoons. Bei Hohl Spoons auch ins Innere.

3. Beschriften Sie die Spoons und lagern Sie diese an einem trockenem Ort.

Benutzen Sie keine auf Petroleum basierende Produkte, Kriechöle oder Sprühöle wie WD-40™. Diese Produkte schwächen die Bindematerialien zwischen Spoonkörper und Dillenniumspitze und lassen die Spitzen selbst spröde werden und dadurch beim nächsten Einsatz viel schneller verbrauchen!

Care & Storage of DILLENNIUM® Tines

Due to the longevity of JRM DILLENNIUM® tines we are faced with a brand new issue in the golf course industry: how to care for used aerification tines that still have significant use-life left?

We suggest the following procedure to get the most value from your JRM DILLENNIUM® tine(s).

1. Clean all dirt and grass from the tube. This may be done by hosing down. Soap may be used if needed.

Thoroughly and immediately dry all tines.

2. Spray a **silicone aerosol spray** lubricant on the tines, inside tubular tines as well as on the outside of all tines.

3. Label and store in a dry location.

Do NOT use any petroleum based products, penetrating oils, or aerosol lubricating oils such as WD-40™. These products will cause the bonding material used to attach the tip to weaken and it will also cause the tips to become brittle and therefore wear much faster the next time they are used.

TURF Handels GmbH

Am Hartboden 48
8101 Gratkorn
AUSTRIA

Tel: +43(0)3124 29064

Fax: +43(0)3124 29062

Mobil: +43(0)664 2666455

Email: office@turf.at

www.turf.at

www.jrm-tines.com

