



**EXTREMELY LONG LIFETIME**



**SURPRISINGLY CONVINCING - CONVINCING ECONOMICALLY**

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Product catalogue 2014



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- Our general Terms and Conditions apply.
- Allowing for technical changes.

**Innovative and patented!**  
**The KBV Effertz original with the „3 grooves“!**



**++ THE ORIGINAL+++ THE ORIGINAL +++ THE ORIGINAL +++ THE ORIGINAL +++ THE ORIGINAL +**

**D**evelopments at KBV Effertz play a major part.

The growth seems not to be stopped. Our business strategy confirms because we are rise us to a challenge. Top quality products, coupled with passion, from development till to the customer: since over 18 years still – it seems that our way is right.

Our innovative idea will allow you to tell immediately whether a tool is an original KBV Effertz aeration tool.

Thus, you will find „**3 grooves**“ at the top of all of our tools (where technically possible).

This mark guarantees you a high-precision tool made by KBV Effertz.



**NEW, only by KBV Effertz.**

**Longlife** – range, TOP 3 benefits:

- extremely long lifetime
- highly efficient
- optimum price/performance ratio



**John Deere, Toro**  
**Longlife Conispoon® cross hardened**

Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Rip Width	-
1916905L	19 mm (3/4")	13 mm	160 mm	110 mm	2,8 mm	-
2019906L	19 mm (3/4")	20 mm	160 mm	120 mm	3,5 mm	-



**John Deere, Toro**  
**Longlife Conispoon® round hardened**

Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	-	-
1214907L	19 mm (3/4")	12 mm	160 mm	120 mm	-	-



**John Deere, Toro**  
**Longlife Conispoon® flat hardened**

Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length*	Max Working Depth	-
1219925L	19 mm (3/4")	20 mm	5 mm	160 mm	120 mm	-
1219908L	19 mm (3/4")	20 mm	6,5 mm	160 mm	120 mm	-

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**Longlife** – range, TOP 3 benefits:

- extremely long lifetime
- highly efficient
- optimum price/performance ratio



**John Deere, Toro**

**Longlife** Hollow Tine hardened, Working-Ø 5/8"

Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Working-Ø	-
					Core-Ø	
2015909L side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8"	-
					12 mm	

**John Deere, Toro**

**Longlife** Hollow Tine carbide tipped, Working-Ø 5/8"

Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Working-Ø	-
					Core-Ø	
2015910HL side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8"	-
					12 mm	



**John Deere, Toro**

**Longlife** Hollow Tine hardened, Working-Ø 7/8"

Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Working-Ø	-
					Core-Ø	
2514922L side eject	19 mm (3/4")	26 mm	170 mm	100 mm	7/8"	-
					16 mm	
2514911L side eject	22,3 mm (7/8")	26 mm	170 mm	100 mm	7/8"	-
					16 mm	

**Longlife** Universal Hollow Tine  
Verti Drain, Selvatici, Soil Reliver



**NEW, only by KBV Effertz.**

**Longlife** – range, TOP 3 benefits:

- extremely long lifetime
- highly efficient
- optimum price/performance ratio



Verti-Drain, Selvatici, Soil Reliver <b>Longlife</b> Universal Hollow Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Core-Ø	-
2018912L <sup>UH</sup>	12 mm	20 mm	200 mm	115 mm	12 mm	-
2024913L <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-
Verti-Drain, Selvatici, Soil Reliver <b>Longlife</b> Universal Hollow Tine carbide tipped						
2018914HL <sup>UH</sup>	12 mm	20 mm	200 mm	115 mm	12 mm	-
2024915HL <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-

<sup>UH</sup> Universal Hollow Tine = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever and also for Wiedenmann

Verti-Drain, Selvatici, Soil Reliver <b>Longlife</b> Hollow Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Core-Ø	-
2031916L	12 mm	20 mm	295 mm	185 mm	12 mm	-
Verti-Drain, Selvatici, Soil Reliver <b>Longlife</b> Hollow Tine carbide tipped						
2031923HL	12 mm	20 mm	295 mm	185 mm	12 mm	-

NEW, only by KBV Effertz.

**Longlife** – range, TOP 3 benefits:

- extremely long lifetime
- highly efficient
- optimum price/performance ratio



Wiedenmann <b>Longlife</b> Universal Hollow Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Core-Ø	-
W2018917L <sup>UH</sup>	12 mm	20 mm	200 mm	115 mm	12 mm	-
W2024918L <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-
Wiedenmann <b>Longlife</b> Universal Hollow Tine carbide tipped						
W2018919HL <sup>UH</sup>	12 mm	20 mm	200 mm	115 mm	12 mm	-
W2024920HL <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-

<sup>UH</sup> Universal Hollow Tine = universal fitting on the following machines:  
Wiedenmann and also for Verti-Drain, Selvatici, Soil Reliever

Wiedenmann <b>Longlife</b> Hollow Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length*	Max Working Depth	Core-Ø	-
W2031921L	12 mm	20 mm	295 mm	185 mm	12 mm	-
Wiedenmann <b>Longlife</b> Hollow Tine carbide tipped						
W2031924HL	12 mm	20 mm	295 mm	185 mm	12 mm	-

**Conispoon® cross hardened**  
John Deere, Ransomes / Ryan, Toro

**KBV** engineering,  
consulting & distribution  
in hardened  
aeration tools  
**Effertz**

**CONISPOON®**

**Conispoon®**  
**ONLY BY KBV EFFERTZ**  
Patented design

John Deere, Ransomes / Ryan, Toro  
Conispoon® cross hardened

Part No.	Mounting- $\varnothing$	Outside- $\varnothing$	Total Length *	Max Working Depth	Rib Width	-
1916900	19 mm (3/4")	13 mm	160 mm	120 mm	2,5 mm	-



## Benefits that will win you over!

- working depths of up to 120 mm
- ideal conical rib structure
- ideal clamping pressure in tool holder
- no suction effect during withdrawal of tool
- no lifting of earth with tool
- clean, precise puncture pattern
- no postprocessing necessary
- lawn ready for play immediately
- effective water and air flow
- high area efficiency thanks to new hardening process

# CONISPOON®

**Conispoon®**  
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Patented design

**John Deere, Ransomes / Ryan, Toro**  
**Conispoon® round hardened**

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
9505847K	9,5 mm (3/8")	5 mm	140 mm	100 mm	-	-
9505846K	9,5 mm (3/8")	5 mm	160 mm	120 mm	-	-
9506842K	9,5 mm (3/8")	6 mm	140 mm	100 mm	-	-
9506845K	9,5 mm (3/8")	6 mm	160 mm	120 mm	-	-
9508892K	9,5 mm (3/8")	8 mm	160 mm	120 mm	-	-



## Benefits that will win you over!

- working depths of up to 100 mm – 120 mm
- no suction effect during withdrawal of tool
- no lifting of earth with tool
- clean puncture pattern with small hole spacing
- no postprocessing necessary
- lawn ready for play immediately
- effective water and air flow
- high area efficiency thanks to new hardening process
- retrofitting of mini-tine holder with intake -Ø 3/8"

**Conispoon® round hardened**  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

**KBV** engineering,  
consulting & distribution  
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Patented design

**Verti Drain, Wiedenmann, Selvatici, Soil Reliever**  
**Conispoon® round hardened**

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
W1206851K	12 mm	6 mm	200 mm	155 mm	-	-
W1208844K	12 mm	8 mm	200 mm	155 mm	-	-
W1208850K	12 mm	8 mm	250 mm	205 mm	-	-
W1208848K	12 mm	8 mm	300 mm	255 mm	-	-
W1220055K	12 mm	12 mm	200 mm	160 mm	-	-



## Benefits that will win you over!

- universal intake of Ø 12 mm
- working depths of 155 mm – 255 mm
- ideal clamping pressure in tool holder
- no suction effect during withdrawal of tool
- no lifting of earth with tool
- clean puncture pattern with small hole spacing
- no postprocessing necessary
- lawn ready for play immediately
- effective water and air flow
- high area efficiency thanks to new hardening process
- no adapters necessary
- standard blank holders can be reused

# CONISPOON®

**Conispoon®**  
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Patented design

**John Deere, Ransomes / Ryan, Toro**  
**Conispoon® flat hardened**

Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
1219841	19 mm (3/4")	19 mm	6 mm	140 mm	100 mm	-
1219842	19 mm (3/4")	19 mm	6 mm	160 mm	120 mm	-

**Verti Drain, Wiedenmann, Selvatici, Soil Reliever**  
**Conispoon® flat hardened**

Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
W1219844	12 mm	19 mm	6 mm	220 mm	160 mm	-



## Benefits that will win you over!

- working depths of 100 mm - 160 mm
- rectangular puncture pattern
- minimal edge compression
- no suction effect during withdrawal of tool
- no lifting of earth with tool
- clean, precise hole pattern
- no postprocessing necessary
- lawn ready for play immediately
- effective water and air flow
- high area efficiency thanks to new hardening process

# Verticut Blades

Amazone, Graden, Jacobsen



## Amazone Grasshopper – Verticut Blade

Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
2080283	hardened	1-cut	2 mm	85 mm	15 mm	-
2080283H	carbide tipped	1-cut	2 mm	85 mm	20 mm	-
6530363	hardened	1-cut	3 mm	85 mm	15 mm	-
6530363H	carbide tipped	1-cut	3 mm	85 mm	20 mm	-

## Graden – Verticut Blade

Part No.	Construction	Number of Edges	Working Width	∅	Max Working Depth	-
1901768H	carbide tipped	8-cut	1,5 mm	190 mm	25 mm	-
1902467H	carbide tipped	8-cut	2 mm	190 mm	25 mm	-
1903588H	carbide tipped	8-cut	3 mm	190 mm	25 mm	-
1901769H	carbide tipped	8-cut	1,5 mm	210 mm	25 mm	-
1902729H	carbide tipped	8-cut	2 mm	210 mm	25 mm	-
1903751H	carbide tipped	8-cut	3 mm	210 mm	25 mm	-

## Jacobsen Green King IV and V – Verticut Blade

Part No.	Construction	Number of Edges	Working Width	∅	Max Working Depth	-
335449	hardened	7-cut	0,8 mm	135 mm	7 mm	-
1102405H1,3	carbide tipped	11-cut	1,3 mm	135 mm	1 mm	-
1102405H	carbide tipped	11-cut	2 mm	135 mm	1 mm	-

<b>John Deere – Verticut Blade</b>						
Part No.	Construction	Number of Edges	Working Width	∅	Max Working Depth	-
1105786H Scarifier	carbide tipped	5-cut	1,5 mm	135 mm	15 mm	-
1102406H1,3 Side Wing	carbide tipped	11-cut	1,3 mm	135 mm	1 mm	-
1102406H Side Wing	carbide tipped	11-cut	2 mm	135 mm	1 mm	-

<b>Koro – Verticut Blade</b>						
Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
1640581	hardened	1-cut	2 mm	130 mm	30 mm	-
1640581H	carbide tipped	1-cut	2 mm	130 mm	50 mm	-
3040701	hardened	1-cut	3 mm	130 mm	30 mm	-
3040582H	carbide tipped	1-cut	3 mm	130 mm	50 mm	-

<b>Mataway – Verticut Blade</b>						
Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
516901	hardened	2-cut	0,8 mm	185 mm	20 mm	-
516900	hardened	2-cut	1,6 mm	185 mm	20 mm	-
516898	hardened	2-cut	3 mm	185 mm	20 mm	-
1901784H	carbide tipped	5-cut	1,3 mm	185 mm	25 mm	-
1914291H	carbide tipped	5-cut	2 mm	185 mm	25 mm	-

# Verticut Blades

Peruzzo, Ransomes, Sisis



## Peruzzo – Verticut Blade

Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
05010072	hardened	1-cut	2 mm	135 mm	15 mm	-
05010081H	carbide tipped	1-cut	2 mm	135 mm	20 mm	-
05010075	hardened	1-cut	3 mm	135 mm	15 mm	-
05010075H	carbide tipped	1-cut	3 mm	135 mm	20 mm	-

## Ransomes 214 – Verticut Blade

Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
2020752	hardened	2-cut	2 mm	90 mm	15 mm	-
2020752H	carbide tipped	2-cut	2 mm	90 mm	20 mm	-
3090709	hardened	2-cut	3 mm	90 mm	15 mm	-
3090709H	carbide tipped	2-cut	3 mm	90 mm	20 mm	-

## Sisis – Verticut Blade

Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
3660835H Sisis 600	carbide tipped	2-cut	1,3 mm	240 mm	25 mm	-
3610636H Sisis 600	carbide tipped	2-cut	2 mm	240 mm	25 mm	-
3623137H Sisis 600	carbide tipped	2-cut	3 mm	220 mm	25 mm	-
2245745 Auto-Rotorake	hardened	2-cut	2 mm	220 mm	20 mm	-
2245745H Auto-Rotorake	carbide tipped	2-cut	2 mm	220 mm	25 mm	-

Toro – Verticut Blade						
Part No.	Construction	Number of Edges	Working Width	∅	Max Working Depth	-
1105786H Scarifier	carbide tipped	5-cut	1,5 mm	135 mm	15 mm	-
1225230 Reel	hardened	11-cut	0,8 mm	135 mm	7 mm	-
1105404H1,3 Reel Side Wing	carbide tipped	11-cut	1,3 mm	135 mm	1 mm	-
1105404H Reel Side Wing	carbide tipped	11-cut	2 mm	135 mm	1 mm	-

Wiedenmann – Verticut Blade						
Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
W3085250	hardened	1-cut	3 mm	85 mm	15 mm	-
W3085250H	carbide tipped	1-cut	3 mm	85 mm	20 mm	-

Planet – Slit Blade						
Part No.	Construction	Number of Edges	Working Width	Total Length *	Max Working Depth	-
319871	hardened	1-cut	6 mm	145 mm	80 mm	-

### Fischer Aerolift – Hollow Tine hardened

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
<b>F2625728</b>	19,5 mm	26 mm	250 mm	160 mm	16 mm	-

### Fischer – Striegel Powder coated red

Part No.	-	Outside-Ø	Total Length *	-	-	-
<b>4520263</b>	-	4,5 mm	360 mm	-	-	-

### Fischer – Threaded Bolt for Threshing Floor Care

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
<b>1210390</b>	M12	12 mm	112 mm	5 mm	-	-

<b>Jacobsen-Aeroking – Hollow Tine hardened, Working-Ø 3/8", 1/2", 5/8"</b>						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
<b>9513123</b> side eject	9,5 mm (3/8")	9,5 mm	125 mm	65 mm	3/8"	-
					5 mm	
<b>9514745</b> side eject	9,5 mm (3/8")	11 mm	145 mm	75 mm	3/8"	-
					6 mm	
<b>1615522</b> side eject	16 mm (5/8")	16 mm	155 mm	95 mm	1/2"	-
					10 mm	
<b>2015523</b> side eject	16 mm (5/8")	20 mm	155 mm	105 mm	5/8"	-
					13 mm	

<b>Jacobsen-Aeroking – Hollow Tine carbide tipped, Working-Ø 3/8", 1/2", 5/8"</b>						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
<b>9513123H</b> side eject	9,5 mm (3/8")	11 mm	145 mm	75 mm	3/8"	-
					5,5 mm	
<b>1615522H</b> side eject	16 mm (5/8")	16 mm	155 mm	100 mm	1/2"	-
					9,5 mm	
<b>2015523H</b> side eject	16 mm (5/8")	20 mm	155 mm	105 mm	5/8"	-
					12,5 mm	

# Jacobsen-Aeroking

Cross Tine hardened / carbide tipped



Jacobsen-Aeroking – Cross Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9510720	9,5 mm (3/8")	9,5 mm	102 mm	70 mm	1,5 mm	-
9515750	9,5 mm (3/8")	9,5 mm	140 mm	80 mm	1,5 mm	-
9516825	9,5 mm (3/8")	9,5 mm	160 mm	100 mm	1,5 mm	-
9514120	9,5 mm (3/8")	12 mm	135 mm	95 mm	2,5 mm	-
2014463	16 mm (5/8")	20 mm	140 mm	90 mm	3 mm	-

Jacobsen-Aeroking – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9514120H	9,5 mm (3/8")	12 mm	135 mm	90 mm	2,5 mm	-

# CONISPOON®

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John Deere Conispoon® cross hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
1916900	19 mm (3/4")	13 mm	160 mm	120 mm	2,5 mm	-

John Deere Conispoon® round hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
9505847K	9,5 mm (3/8")	5 mm	140 mm	100 mm	-	-
9505846K	9,5 mm (3/8")	5 mm	160 mm	120 mm	-	-
9506842K	9,5 mm (3/8")	6 mm	140 mm	100 mm	-	-
9506845K	9,5 mm (3/8")	6 mm	160 mm	120 mm	-	-

John Deere Conispoon® flat hardened						
Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
1219841	19 mm (3/4")	19 mm	6 mm	140 mm	100 mm	-
1219842	19 mm (3/4")	19 mm	6 mm	160 mm	120 mm	-

John Deere – Hollow Tine hardened, Working-Ø 3/8" and 1/2"						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
<b>9513123</b> side eject	9,5 mm (3/8")	9,5 mm	125 mm	65 mm	3/8"	-
					5 mm	
<b>9514745</b> side eject	9,5 mm (3/8")	11 mm	145 mm	75 mm	3/8"	-
					6 mm	
<b>1912807</b> side eject	19 mm (3/4")	12 mm	155 mm	100 mm	3/8"	-
					6 mm	
<b>1912130</b>	19 mm (3/4")	12,7 mm	125 mm	90 mm	1/2"	-
					10 mm	
<b>1912130-2</b> (1) Wall 2 mm	19 mm (3/4")	12,7 mm	125 mm	90 mm	1/2"	-
					10 mm	
<b>1912771</b> side eject (1) Wall 2 mm	19 mm (3/4")	12,7 mm	125 mm	75 mm	1/2"	-
					9 mm	
<b>1914132</b>	19 mm (3/4")	12,7 mm	145 mm	110 mm	1/2"	-
					10 mm	
<b>1914132-2</b> (1) Wall 2 mm	19 mm (3/4")	12,7 mm	145 mm	110 mm	1/2"	-
					10 mm	
<b>1914415</b> side eject (1) Wall 2 mm	19 mm (3/4")	12,7 mm	145 mm	80 mm	1/2"	-
					10 mm	
<b>1916887</b>	19 mm (3/4")	12,7 mm	165 mm	120 mm	1/2"	-
					10 mm	
<b>1615765</b> side eject	19 mm (3/4")	16 mm	155 mm	100 mm	1/2"	-
					9,5 mm	

(1) Wall 2 mm = Wall Thickness 2 mm

John Deere – Hollow Tine hardened, Working-Ø 5/8" and 7/8"						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
1912134	19 mm (3/4")	16 mm	125 mm	90 mm	5/8" 13 mm	-
1912134-2 (1) Wall 2 mm	19 mm (3/4")	16 mm	125 mm	90 mm	5/8" 12 mm	-
1912761 side eject (1) Wall 2 mm	19 mm (3/4")	16 mm	125 mm	75 mm	5/8" 12 mm	-
1914136	19 mm (3/4")	16 mm	145 mm	110 mm	5/8" 13 mm	-
1914136-2 (1) Wall 2 mm	19 mm (3/4")	16 mm	145 mm	110 mm	5/8" 12 mm	-
1914417 side eject (1) Wall 2 mm	19 mm (3/4")	16 mm	145 mm	80 mm	5/8" 12 mm	-
1916886	19 mm (3/4")	16 mm	165 mm	120 mm	5/8" 13 mm	-
2015766 side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8" 13 mm	-
2514260 side eject	19 mm (3/4")	26 mm	140 mm	100 mm	7/8" 16 mm	-
2514266 side eject	22,3 mm (7/8")	26 mm	140 mm	100 mm	7/8" 16 mm	-

(1) Wall 2 mm = Wall Thickness 2 mm

<b>John Deere – Hollow Tine carbide tipped, Working-Ø 3/8", 1/2" and 5/8"</b>						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
<b>9513123H</b> side eject	9,5 mm (3/8")	11 mm	135 mm	75 mm	3/8"	-
					5,5 mm	
<b>1912131H</b>	19 mm (3/4")	12,7 mm	125 mm	80 mm	1/2"	-
					9 mm	
<b>1912771H</b> side eject	19 mm (3/4")	12,7 mm	125 mm	75 mm	1/2"	-
					9 mm	
<b>1914133H</b>	19 mm (3/4")	12,7 mm	145 mm	100 mm	1/2"	-
					9 mm	
<b>1914416H</b> side eject	19 mm (3/4")	12,7 mm	145 mm	80 mm	1/2"	-
					9 mm	
<b>1615765H</b> side eject	19 mm (3/4")	16 mm	155 mm	100 mm	1/2"	-
					9 mm	
<b>1912135H</b>	19 mm (3/4")	16 mm	125 mm	80 mm	5/8"	-
					12 mm	
<b>1912761H</b> side eject	19 mm (3/4")	16 mm	125 mm	75 mm	5/8"	-
					12 mm	
<b>1914137H</b>	19 mm (3/4")	16 mm	145 mm	100 mm	5/8"	-
					12 mm	
<b>2015766H</b> side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8"	-
					12 mm	

John Deere – Solid Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
0614402	6 mm	6 mm	140 mm	100 mm	-	-
9515045	9,5 mm (3/8")	9,5 mm	150 mm	100 mm	-	-
0814034	19 mm (3/4")	8 mm	145 mm	100 mm	-	-
1214033	19 mm (3/4")	12 mm	160 mm	100 mm	-	-
1901686	19 mm (3/4")	16 mm	145 mm	100 mm	-	-
1916786	19 mm (3/4")	16 mm	160 mm	120 mm	-	-
1916704	19 mm (3/4")	16 mm	200 mm	120 mm	-	-
2231685	22,3 mm (7/8")	16 mm	140 mm	100 mm	-	-

John Deere – Cross Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9510720	9,5 mm (3/8")	9,5 mm	102 mm	70 mm	1,5 mm	-
9515750	9,5 mm (3/8")	9,5 mm	140 mm	80 mm	1,5 mm	-
9516825	9,5 mm (3/8")	9,5 mm	160 mm	100 mm	1,5 mm	-
9514120	9,5 mm (3/8")	12 mm	135 mm	95 mm	2,5 mm	-
1214012	19 mm (3/4")	12 mm	145 mm	100 mm	2,5 mm	-
2019457	19 mm (3/4")	20 mm	140 mm	90 mm	3 mm	-
2419459	19 mm (3/4")	24 mm	140 mm	90 mm	5 mm	-
2619461	19 mm (3/4")	26 mm	140 mm	90 mm	5 mm	-
2422460	22,3 mm (7/8")	24 mm	140 mm	90 mm	5 mm	-
2622462	22,3 mm (7/8")	26 mm	140 mm	90 mm	5 mm	-

John Deere – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9514120H	9,5 mm (3/8")	12 mm	135 mm	90 mm	2,5 mm	-
1214012H	19 mm (3/4")	12 mm	145 mm	100 mm	2,5 mm	-

# CONISPOON®

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Ransomes / Ryan Conispoon® cross hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
1916900	19 mm (3/4")	13 mm	160 mm	120 mm	2,5 mm	-

Ransomes / Ryan Conispoon® round hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
9505847K	9,5 mm (3/8")	5 mm	140 mm	100 mm	-	-
9505846K	9,5 mm (3/8")	5 mm	160 mm	120 mm	-	-
9506842K	9,5 mm (3/8")	6 mm	140 mm	100 mm	-	-
9506845K	9,5 mm (3/8")	6 mm	160 mm	120 mm	-	-

Ransomes / Ryan Conispoon® flat hardened						
Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
1219841	19 mm (3/4")	19 mm	6 mm	140 mm	100 mm	-
1219842	19 mm (3/4")	19 mm	6 mm	160 mm	120 mm	-

# Ransomes / Ryan

Hollow Tine hardened 3/8" and 1/2"



Ransomes / Ryan – Hollow Tine hardened, Working-Ø 3/8" and 1/2"						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
9513123 side eject	9,5 mm (3/8")	9,5 mm	125 mm	65 mm	3/8"	-
					5 mm	
9514745 side eject	9,5 mm (3/8")	11 mm	145 mm	75 mm	3/8"	-
					6 mm	
1612474	16 mm (5/8")	12,7 mm	125 mm	80 mm	1/2"	-
					10 mm	
1912807 side eject	19 mm (3/4")	12 mm	155 mm	100 mm	3/8"	-
					6 mm	
1912130	19 mm (3/4")	12,7 mm	125 mm	90 mm	1/2"	-
					10 mm	
1914132	19 mm (3/4")	12,7 mm	145 mm	110 mm	1/2"	-
					10 mm	
1914132-2 (1) Wall 2 mm	19 mm (3/4")	12,7 mm	145 mm	110 mm	1/2"	-
					10 mm	
1914415 side eject (1) Wall 2 mm	19 mm (3/4")	12,7 mm	145 mm	80 mm	1/2"	-
					10 mm	
1916887	19 mm (3/4")	12,7 mm	165 mm	120 mm	1/2"	-
					10 mm	
1615765 side eject	19 mm (3/4")	16 mm	155 mm	100 mm	1/2"	-
					9,5 mm	

(1) Wall 2 mm = Wall Thickness 2 mm

<b>Ransomes / Ryan – Hollow Tine hardened, Working-Ø 5/8" and 7/8"</b>						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
1912134	19 mm (3/4")	16 mm	125 mm	90 mm	5/8"	-
					13 mm	
1914136	19 mm (3/4")	16 mm	145 mm	110 mm	5/8"	-
					13 mm	
1914136-2 (1) Wall 2 mm	19 mm (3/4")	16 mm	145 mm	110 mm	5/8"	-
					13 mm	
1914417 side eject (1) Wall 2 mm	19 mm (3/4")	16 mm	145 mm	80 mm	5/8"	-
					12 mm	
1916886	19 mm (3/4")	16 mm	165 mm	120 mm	5/8"	-
					13 mm	
2015766 side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8"	-
					13 mm	
2514260 side eject	19 mm (3/4")	26 mm	140 mm	100 mm	7/8"	-
					16 mm	
<b>(1) Wall 2 mm = Wall Thickness 2 mm</b>						

# Ransomes / Ryan

Hollow Tine carbide tipped



## Ransomes / Ryan – Hollow Tine carbide tipped, Working-Ø 3/8", 1/2", 5/8"

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
<b>9513123H</b> side eject	9,5 mm (3/8")	11 mm	135 mm	75 mm	3/8"	-
					5,5 mm	
<b>1912131H</b>	19 mm (3/4")	12,7 mm	125 mm	80 mm	1/2"	-
					9 mm	
<b>1914133H</b>	19 mm (3/4")	12,7 mm	145 mm	100 mm	1/2"	-
					9 mm	
<b>1914416H</b> side eject	19 mm (3/4")	12,7 mm	145 mm	80 mm	1/2"	-
					9 mm	
<b>1615765H</b> side eject	19 mm (3/4")	16 mm	155 mm	100 mm	1/2"	-
					9 mm	
<b>1912135H</b>	19 mm (3/4")	16 mm	125 mm	80 mm	5/8"	-
					12 mm	
<b>1914137H</b>	19 mm (3/4")	16 mm	145 mm	100 mm	5/8"	-
					12 mm	
<b>2015766H</b> side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8"	-
					12 mm	

<b>Ransomes / Ryan – Solid Tine hardened</b>						
<b>Part No.</b>	<b>Mounting-Ø</b>	<b>Outside-Ø</b>	<b>Total Length *</b>	<b>Max Working Depth</b>	-	-
<b>0614402</b>	6 mm	6 mm	140 mm	100 mm	-	-
<b>0815052</b>	8 mm	8 mm	150 mm	100 mm	-	-
<b>9515045</b>	9,5 mm (3/8")	9,5 mm	150 mm	100 mm	-	-
<b>1271796</b>	12,7 mm (1/2")	8 mm	140 mm	100 mm	-	-
<b>0814034</b>	19 mm (3/4")	8 mm	145 mm	100 mm	-	-
<b>1214033</b>	19 mm (3/4")	12 mm	160 mm	100 mm	-	-
<b>1901686</b>	19 mm (3/4")	16 mm	145 mm	100 mm	-	-

# Ransomes / Ryan

Cross Tine hardened / carbide tipped



Ransomes / Ryan – Cross Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9510720	9,5 mm (3/8")	9,5 mm	102 mm	70 mm	1,5 mm	-
9515750	9,5 mm (3/8")	9,5 mm	140 mm	80 mm	1,5 mm	-
9516825	9,5 mm (3/8")	9,5 mm	160 mm	100 mm	1,5 mm	-
9514120	9,5 mm (3/8")	12 mm	135 mm	95 mm	2,5 mm	-
1274121	12,7 mm (1/2")	12 mm	140 mm	100 mm	2,5 mm	-
1214012	19 mm (3/4")	12 mm	145 mm	100 mm	2,5 mm	-
2019457	19 mm (3/4")	20 mm	140 mm	90 mm	3 mm	-
2419459	19 mm (3/4")	24 mm	140 mm	90 mm	5 mm	-
2619461	19 mm (3/4")	26 mm	140 mm	90 mm	5 mm	-

Ransomes / Ryan – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9514120H	9,5 mm (3/8")	12 mm	135 mm	90 mm	2,5 mm	-
1274121H	12,7 mm (1/2")	12 mm	140 mm	100 mm	2,5 mm	-
1214012H	19 mm (3/4")	12 mm	145 mm	100 mm	2,5 mm	-

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Selvatici Conispoon® round hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
W1206851K	12 mm	6 mm	200 mm	155 mm	-	-
W1208844K	12 mm	8 mm	200 mm	155 mm	-	-
W1208850K	12 mm	8 mm	250 mm	205 mm	-	-
W1208848K	12 mm	8 mm	300 mm	255 mm	-	-
W1220055K	12 mm	12 mm	200 mm	160 mm	-	-

Selvatici Conispoon® flat hardened						
Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
W1219844	12 mm	19 mm	6 mm	220 mm	160 mm	-

### Selvatici – Hollow Tine hardened

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
1008755 <sup>UH</sup>	8 mm	11 mm	150 mm	95 mm	6 mm	-
1015845 <sup>UH</sup>	12 mm	10 mm	150 mm	95 mm	5,5 mm	-
1214770 <sup>UH</sup>	12 mm	12 mm	160 mm	85 mm	6,5 mm	-
1618001 <sup>UH</sup>	12 mm	16 mm	180 mm	120 mm	9,5 mm	-
1624001 <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9,5 mm	-
2018002 <sup>UH</sup>	12 mm	20 mm	180 mm	115 mm	12 mm	-
2024002 <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-
2031004	12 mm	20 mm	295 mm	190 mm	12 mm	-
2024119	18 mm	20 mm	225 mm	140 mm	12 mm	-
2031003	18 mm	20 mm	295 mm	190 mm	12 mm	-
2525849	18 mm	26 mm	250 mm	150 mm	16 mm	-
2531005	18 mm	26 mm	310 mm	180 mm	16 mm	-
2536042	18 mm	26 mm	360 mm	230 mm	16 mm	-
3036007	18 mm	30 mm	360 mm	230 mm	21 mm	-
2531006	24 mm	26 mm	310 mm	180 mm	16 mm	-
3036008	24 mm	30 mm	360 mm	230 mm	21 mm	-
3536010	24 mm	35 mm	360 mm	230 mm	27 mm	-



<sup>UH</sup> Universal Hollow Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Selvatici – Hollow Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
1618001H <sup>UH</sup>	12 mm	16 mm	180 mm	110 mm	9 mm	-
1624001H <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9 mm	-
2018002H <sup>UH</sup>	12 mm	20 mm	180 mm	110 mm	12 mm	-
2024002H <sup>UH</sup>	12 mm	20 mm	225 mm	150 mm	12 mm	-
2031004H	12 mm	20 mm	295 mm	190 mm	12 mm	-
2024119H	18 mm	20 mm	225 mm	150 mm	12 mm	-
2031003H	18 mm	20 mm	295 mm	190 mm	12 mm	-
2531005H	18 mm	26 mm	310 mm	180 mm	16 mm	-
2536042H	18 mm	26 mm	360 mm	230 mm	16 mm	-
2531006H	24 mm	26 mm	310 mm	180 mm	16 mm	-

<sup>UH</sup> Universal Hollow Tine carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

# Selvatici

Solid Tine hardened

Selvatici – Solid Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
0614402	6 mm	6 mm	140 mm	90 mm	-	-
0620455	6 mm	6 mm	175 mm	125 mm	-	-
0817511	8 mm	8 mm	175 mm	125 mm	-	-
0820049	8 mm	8 mm	200 mm	150 mm	-	-
0825064	8 mm	8 mm	250 mm	200 mm	-	-
0830716	8 mm	8 mm	300 mm	250 mm	-	-
1208800	8 mm	12 mm	155 mm	105 mm	-	-
1220055 <sup>US</sup>	12 mm	12 mm	200 mm	150 mm	-	-
1225056 <sup>US</sup>	12 mm	12 mm	250 mm	200 mm	-	-
1230012 <sup>US</sup>	12 mm	12 mm	300 mm	250 mm	-	-
1236013 <sup>US</sup>	12 mm	12 mm	360 mm	310 mm	-	-
1612760 <sup>US</sup>	12 mm	16 mm	200 mm	150 mm	-	-
1612829 <sup>US</sup>	12 mm	16 mm	250 mm	200 mm	-	-
1820807 <sup>US</sup>	12 mm	18 mm	200 mm	150 mm	-	-
1825779 <sup>US</sup>	12 mm	18 mm	250 mm	200 mm	-	-
1825807	18 mm	18 mm	250 mm	190 mm	-	-
1830014	18 mm	18 mm	300 mm	240 mm	-	-
1835015	18 mm	18 mm	350 mm	290 mm	-	-
1840016	18 mm	18 mm	400 mm	340 mm	-	-
1845043	18 mm	18 mm	450 mm	390 mm	-	-
2235105	18 mm	22 mm	350 mm	280 mm	-	-
2535018	18 mm	24 mm	350 mm	280 mm	-	-
2535019	24 mm	24 mm	350 mm	280 mm	-	-
2540020	24 mm	24 mm	400 mm	320 mm	-	-
2545021	24 mm	24 mm	450 mm	370 mm	-	-

<sup>US</sup> Universal Solid Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

<b>Selvatici – Cross Tine hardened</b>						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
0820719	8 mm	8 mm	200 mm	140 mm	1,5 mm	-
1214012V	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
1220244 <sup>UC</sup>	12 mm	12 mm	200 mm	140 mm	2,5 mm	-
1225830 <sup>UC</sup>	12 mm	12 mm	250 mm	190 mm	2,5 mm	-
1218452 <sup>UC</sup>	12 mm	18 mm	200 mm	145 mm	3 mm	-
1832453	18 mm	18 mm	320 mm	245 mm	3 mm	-
2235412	18 mm	22 mm	320 mm	240 mm	5 mm	-
2432473	18 mm	24 mm	320 mm	240 mm	5 mm	-
2532454	24 mm	24 mm	350 mm	210 mm	5 mm	-

<b>Selvatici – Cross Tine carbide tipped</b>						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
1214012HV	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
1220244H <sup>UC</sup>	12 mm	12 mm	200 mm	150 mm	2,5 mm	-

<sup>UC</sup> Universal Cross Tine hardened / carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

# Selvatici

## Adapter Hull

### Selvatici – Adapter Hull

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Inside-Ø	-	-
1206456	12 mm	12 mm	30 mm	6 mm	-	-
1208067	12 mm	12 mm	30 mm	8 mm	-	-
2351853	24 mm	24 mm	65 mm	18 mm	-	-

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Soil Reliever Conispoon® round hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
W1206851K	12 mm	6 mm	200 mm	155 mm	-	-
W1208844K	12 mm	8 mm	200 mm	155 mm	-	-
W1208850K	12 mm	8 mm	250 mm	205 mm	-	-
W1208848K	12 mm	8 mm	300 mm	255 mm	-	-
W1220055K	12 mm	12 mm	200 mm	160 mm	-	-

Soil Reliever Conispoon® flat hardened						
Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
W1219844	12 mm	19 mm	6 mm	220 mm	160 mm	-

# Soil Reliever

## Hollow Tine hardened

Soil Reliever – Hollow Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
1008755 <sup>UH</sup>	8 mm	11 mm	150 mm	95 mm	6 mm	-
1015845 <sup>UH</sup>	12 mm	10 mm	150 mm	95 mm	5,5 mm	-
1214770 <sup>UH</sup>	12 mm	12 mm	160 mm	85 mm	6,5 mm	-
1618001 <sup>UH</sup>	12 mm	16 mm	180 mm	120 mm	9,5 mm	-
1624001 <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9,5 mm	-
2018002 <sup>UH</sup>	12 mm	20 mm	180 mm	115 mm	12 mm	-
2024002 <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-
2031004	12 mm	20 mm	295 mm	190 mm	12 mm	-
2024119	18 mm	20 mm	225 mm	140 mm	12 mm	-
2031003	18 mm	20 mm	295 mm	190 mm	12 mm	-
2525849	18 mm	26 mm	250 mm	150 mm	16 mm	-
2531005	18 mm	26 mm	310 mm	180 mm	16 mm	-
2536042	18 mm	26 mm	360 mm	230 mm	16 mm	-
3036007	18 mm	30 mm	360 mm	230 mm	21 mm	-
2531006	24 mm	26 mm	310 mm	180 mm	16 mm	-
3036008	24 mm	30 mm	360 mm	230 mm	21 mm	-
3536010	24 mm	35 mm	360 mm	230 mm	27 mm	-



<sup>UH</sup> Universal Hollow Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Soil Reliever – Hollow Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
1618001H <sup>UH</sup>	12 mm	16 mm	180 mm	110 mm	9 mm	-
1624001H <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9 mm	-
2018002H <sup>UH</sup>	12 mm	20 mm	180 mm	110 mm	12 mm	-
2024002H <sup>UH</sup>	12 mm	20 mm	225 mm	150 mm	12 mm	-
2031004H	12 mm	20 mm	295 mm	190 mm	12 mm	-
2024119H	18 mm	20 mm	225 mm	150 mm	12 mm	-
2031003H	18 mm	20 mm	295 mm	190 mm	12 mm	-
2531005H	18 mm	26 mm	310 mm	180 mm	16 mm	-
2536042H	18 mm	26 mm	360 mm	230 mm	16 mm	-
2531006H	24 mm	26 mm	310 mm	180 mm	16 mm	-

<sup>UH</sup> Universal Hollow Tine carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

# Soil Reliever

## Solid Tine hardened

Soil Reliever – Solid Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
0614402	6 mm	6 mm	140 mm	90 mm	-	-
0620455	6 mm	6 mm	175 mm	125 mm	-	-
0817511	8 mm	8 mm	175 mm	125 mm	-	-
0820049	8 mm	8 mm	200 mm	150 mm	-	-
0825064	8 mm	8 mm	250 mm	200 mm	-	-
0830716	8 mm	8 mm	300 mm	250 mm	-	-
1208800	8 mm	12 mm	155 mm	105 mm	-	-
1220055 <sup>US</sup>	12 mm	12 mm	200 mm	150 mm	-	-
1225056 <sup>US</sup>	12 mm	12 mm	250 mm	200 mm	-	-
1230012 <sup>US</sup>	12 mm	12 mm	300 mm	250 mm	-	-
1236013 <sup>US</sup>	12 mm	12 mm	360 mm	310 mm	-	-
1612760 <sup>US</sup>	12 mm	16 mm	200 mm	150 mm	-	-
1612829 <sup>US</sup>	12 mm	16 mm	250 mm	200 mm	-	-
1820807 <sup>US</sup>	12 mm	18 mm	200 mm	150 mm	-	-
1825779 <sup>US</sup>	12 mm	18 mm	250 mm	200 mm	-	-
1825807	18 mm	18 mm	250 mm	190 mm	-	-
1830014	18 mm	18 mm	300 mm	240 mm	-	-
1835015	18 mm	18 mm	350 mm	290 mm	-	-
1840016	18 mm	18 mm	400 mm	340 mm	-	-
1845043	18 mm	18 mm	450 mm	390 mm	-	-
2235105	18 mm	22 mm	350 mm	280 mm	-	-
2535018	18 mm	24 mm	350 mm	280 mm	-	-
2535019	24 mm	24 mm	350 mm	280 mm	-	-
2540020	24 mm	24 mm	400 mm	320 mm	-	-
2545021	24 mm	24 mm	450 mm	370 mm	-	-

<sup>US</sup> Universal Solid Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Soil Reliever – Cross Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
0820719	8 mm	8 mm	200 mm	140 mm	1,5 mm	-
1214012V	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
1220244 <sup>UC</sup>	12 mm	12 mm	200 mm	140 mm	2,5 mm	-
1225830 <sup>UC</sup>	12 mm	12 mm	250 mm	190 mm	2,5 mm	-
1218452 <sup>UC</sup>	12 mm	18 mm	200 mm	145 mm	3 mm	-
1832453	18 mm	18 mm	320 mm	245 mm	3 mm	-
2235412	18 mm	22 mm	320 mm	240 mm	5 mm	-
2432473	18 mm	24 mm	320 mm	240 mm	5 mm	-
2532454	24 mm	24 mm	350 mm	210 mm	5 mm	-

Soil Reliever – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
1214012HV	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
1220244H <sup>UC</sup>	12 mm	12 mm	200 mm	150 mm	2,5 mm	-

<sup>UC</sup> Universal Cross Tine hardened / carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

# Soil Reliever

## Adapter Hull

### Soil Reliever – Adapter Hull

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Inside-Ø	-	-
1206456	12 mm	12 mm	30 mm	6 mm	-	-
1208067	12 mm	12 mm	30 mm	8 mm	-	-
2351853	24 mm	24 mm	65 mm	18 mm	-	-

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## Toro Conispoon® cross hardened

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
1916900	19 mm (3/4")	13 mm	160 mm	120 mm	2,5 mm	-

## Toro Conispoon® round hardened

Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
9505847K	9,5 mm (3/8")	5 mm	140 mm	100 mm	-	-
9505846K	9,5 mm (3/8")	5 mm	160 mm	120 mm	-	-
9506842K	9,5 mm (3/8")	6 mm	140 mm	100 mm	-	-
9506845K	9,5 mm (3/8")	6 mm	160 mm	120 mm	-	-

## Toro Conispoon® flat hardened

Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
1219841	19 mm (3/4")	19 mm	6 mm	140 mm	100 mm	-
1219842	19 mm (3/4")	19 mm	6 mm	160 mm	120 mm	-

Toro – Hollow Tine hardened, Working-Ø 3/8" and 1/2"						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
<b>9513123</b> side eject	9,5 mm (3/8")	9,5 mm	125 mm	65 mm	3/8"	-
					5 mm	
<b>9514745</b> side eject	9,5 mm (3/8")	11 mm	145 mm	75 mm	3/8"	-
					6 mm	
<b>1912807</b> side eject	19 mm (3/4")	12 mm	155 mm	100 mm	3/8"	-
					6 mm	
<b>1912130</b>	19 mm (3/4")	12,7 mm	125 mm	90 mm	1/2"	-
					10 mm	
<b>1912130-2</b> (1) Wall 2 mm	19 mm (3/4")	12,7 mm	125 mm	90 mm	1/2"	-
					10 mm	
<b>1912771</b> side eject (1) Wall 2 mm	19 mm (3/4")	12,7 mm	125 mm	75 mm	1/2"	-
					9 mm	
<b>1914132</b>	19 mm (3/4")	12,7 mm	145 mm	110 mm	1/2"	-
					10 mm	
<b>1914132-2</b> (1) Wall 2 mm	19 mm (3/4")	12,7 mm	145 mm	110 mm	1/2"	-
					10 mm	
<b>1914415</b> side eject (1) Wall 2 mm	19 mm (3/4")	12,7 mm	145 mm	80 mm	1/2"	-
					10 mm	
<b>1916887</b>	19 mm (3/4")	12,7 mm	165 mm	120 mm	1/2"	-
					10 mm	
<b>1615765</b> side eject	19 mm (3/4")	16 mm	155 mm	100 mm	1/2"	-
					9,5 mm	

(1) Wall 2 mm = Wall Thickness 2 mm

Toro – Hollow Tine hardened, Working-Ø 5/8" and 7/8"						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
1912134	19 mm (3/4")	16 mm	125 mm	90 mm	5/8" 13 mm	-
1912134-2 (1) Wall 2 mm	19 mm (3/4")	16 mm	125 mm	90 mm	5/8" 12 mm	-
1912761 side eject (1) Wall 2 mm	19 mm (3/4")	16 mm	125 mm	75 mm	5/8" 12 mm	-
1914136	19 mm (3/4")	16 mm	145 mm	110 mm	5/8" 13 mm	-
1914136-2 (1) Wall 2 mm	19 mm (3/4")	16 mm	145 mm	110 mm	5/8" 12 mm	-
1914417 side eject (1) Wall 2 mm	19 mm (3/4")	16 mm	145 mm	80 mm	5/8" 12 mm	-
1916886	19 mm (3/4")	16 mm	165 mm	120 mm	5/8" 13 mm	-
2015766 side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8" 13 mm	-
2514260 side eject	19 mm (3/4")	26 mm	140 mm	100 mm	7/8" 16 mm	-
2514266 side eject	22,3 mm (7/8")	26 mm	140 mm	100 mm	7/8" 16 mm	-

(1) Wall 2 mm = Wall Thickness 2 mm

Toro – Hollow Tine carbide tipped, Working-Ø 3/8", 1/2" and 5/8"						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Working-Ø	-
					Core-Ø	
9513123H side eject	9,5 mm (3/8")	11 mm	135 mm	75 mm	3/8"	-
					5,5 mm	
1912131H	19 mm (3/4")	12,7 mm	125 mm	80 mm	1/2"	-
					9 mm	
1912771H side eject	19 mm (3/4")	12,7 mm	125 mm	75 mm	1/2"	-
					9 mm	
1914133H	19 mm (3/4")	12,7 mm	145 mm	100 mm	1/2"	-
					9 mm	
1914416H side eject	19 mm (3/4")	12,7 mm	145 mm	80 mm	1/2"	-
					9 mm	
1615765H side eject	19 mm (3/4")	16 mm	155 mm	100 mm	1/2"	-
					9 mm	
1912135H	19 mm (3/4")	16 mm	125 mm	80 mm	5/8"	-
					12 mm	
1912761H side eject	19 mm (3/4")	16 mm	125 mm	75 mm	5/8"	-
					12 mm	
1914137H	19 mm (3/4")	16 mm	145 mm	100 mm	5/8"	-
					12 mm	
2015766H side eject	19 mm (3/4")	20 mm	155 mm	100 mm	5/8"	-
					12 mm	

Toro – Solid Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
0614402	6 mm	6 mm	140 mm	100 mm	-	-
0815052	8 mm	8 mm	150 mm	100 mm	-	-
9515045	9,5 mm (3/8")	9,5 mm	150 mm	100 mm	-	-
0814034	19 mm (3/4")	8 mm	145 mm	100 mm	-	-
1214033	19 mm (3/4")	12 mm	160 mm	100 mm	-	-
1901686	19 mm (3/4")	16 mm	145 mm	100 mm	-	-
1916786	19 mm (3/4")	16 mm	160 mm	120 mm	-	-
1916704	19 mm (3/4")	16 mm	200 mm	120 mm	-	-
2231685	22,3 mm (7/8")	16 mm	140 mm	120 mm	-	-

Toro – Cross Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9510720	9,5 mm (3/8")	9,5 mm	102 mm	70 mm	1,5 mm	-
9515750	9,5 mm (3/8")	9,5 mm	140 mm	80 mm	1,5 mm	-
9516825	9,5 mm (3/8")	9,5 mm	160 mm	100 mm	1,5 mm	-
9514120	9,5 mm (3/8")	12 mm	135 mm	95 mm	2,5 mm	-
1214012	19 mm (3/4")	12 mm	145 mm	100 mm	2,5 mm	-
2019457	19 mm (3/4")	20 mm	140 mm	90 mm	3 mm	-
2419459	19 mm (3/4")	24 mm	140 mm	90 mm	5 mm	-
2619461	19 mm (3/4")	26 mm	140 mm	90 mm	5 mm	-
2422460	22,3 mm (7/8")	24 mm	140 mm	90 mm	5 mm	-
2622462	22,3 mm (7/8")	26 mm	140 mm	90 mm	5 mm	-

Toro – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
9514120H	9,5 mm (3/8")	12 mm	135 mm	90 mm	2,5 mm	-
1274121H	12,7 mm (1/2")	12 mm	140 mm	100 mm	2,5 mm	-
1214012H	19 mm (3/4")	12 mm	145 mm	100 mm	2,5 mm	-

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Verti Drain Conispoon® round hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
W1206851K	12 mm	6 mm	200 mm	155 mm	-	-
W1208844K	12 mm	8 mm	200 mm	155 mm	-	-
W1208850K	12 mm	8 mm	250 mm	205 mm	-	-
W1208848K	12 mm	8 mm	300 mm	255 mm	-	-
W1220055K	12 mm	12 mm	200 mm	160 mm	-	-

Verti Drain Conispoon® flat hardened						
Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
W1219844	12 mm	19 mm	6 mm	220 mm	160 mm	-

# Verti-Drain

## Hollow Tine hardened

Verti-Drain – Hollow Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
1008755 <sup>UH</sup>	8 mm	11 mm	150 mm	95 mm	6 mm	-
1015845 <sup>UH</sup>	12 mm	10 mm	150 mm	95 mm	5,5 mm	-
1214770 <sup>UH</sup>	12 mm	12 mm	160 mm	85 mm	6,5 mm	-
1618001 <sup>UH</sup>	12 mm	16 mm	180 mm	120 mm	9,5 mm	-
1624001 <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9,5 mm	-
2018002 <sup>UH</sup>	12 mm	20 mm	180 mm	115 mm	12 mm	-
2024002 <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-
2031004	12 mm	20 mm	295 mm	190 mm	12 mm	-
2024119	18 mm	20 mm	225 mm	140 mm	12 mm	-
2031003	18 mm	20 mm	295 mm	190 mm	12 mm	-
2525849	18 mm	26 mm	250 mm	150 mm	16 mm	-
2531005	18 mm	26 mm	310 mm	180 mm	16 mm	-
2536042	18 mm	26 mm	360 mm	230 mm	16 mm	-
3036007	18 mm	30 mm	360 mm	230 mm	21 mm	-
2531006	24 mm	26 mm	310 mm	180 mm	16 mm	-
3036008	24 mm	30 mm	360 mm	230 mm	21 mm	-
3536010	24 mm	35 mm	360 mm	230 mm	27 mm	-



<sup>UH</sup> Universal Hollow Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Verti-Drain – Hollow Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
1618001H <sup>UH</sup>	12 mm	16 mm	180 mm	110 mm	9 mm	-
1624001H <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9 mm	-
2018002H <sup>UH</sup>	12 mm	20 mm	180 mm	110 mm	12 mm	-
2024002H <sup>UH</sup>	12 mm	20 mm	225 mm	150 mm	12 mm	-
2031004H	12 mm	20 mm	295 mm	190 mm	12 mm	-
2024119H	18 mm	20 mm	225 mm	150 mm	12 mm	-
2031003H	18 mm	20 mm	295 mm	190 mm	12 mm	-
2531005H	18 mm	26 mm	310 mm	180 mm	16 mm	-
2536042H	18 mm	26 mm	360 mm	230 mm	16 mm	-
2531006H	24 mm	26 mm	310 mm	180 mm	16 mm	-

<sup>UH</sup> Universal Hollow Tine carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

# Verti-Drain

## Solid Tine hardened

Verti-Drain – Solid Tine hardened						
Part No.	Mounting- $\varnothing$	Outside- $\varnothing$	Total Length *	Max Working Depth	-	-
0614402	6 mm	6 mm	140 mm	90 mm	-	-
0620455	6 mm	6 mm	175 mm	125 mm	-	-
0817511	8 mm	8 mm	175 mm	125 mm	-	-
0820049	8 mm	8 mm	200 mm	150 mm	-	-
0825064	8 mm	8 mm	250 mm	200 mm	-	-
0830716	8 mm	8 mm	300 mm	250 mm	-	-
1208800	8 mm	12 mm	155 mm	105 mm	-	-
1220055 <sup>US</sup>	12 mm	12 mm	200 mm	150 mm	-	-
1225056 <sup>US</sup>	12 mm	12 mm	250 mm	200 mm	-	-
1230012 <sup>US</sup>	12 mm	12 mm	300 mm	250 mm	-	-
1236013 <sup>US</sup>	12 mm	12 mm	360 mm	310 mm	-	-
1612760 <sup>US</sup>	12 mm	16 mm	200 mm	150 mm	-	-
1612829 <sup>US</sup>	12 mm	16 mm	250 mm	200 mm	-	-
1820807 <sup>US</sup>	12 mm	18 mm	200 mm	150 mm	-	-
1825779 <sup>US</sup>	12 mm	18 mm	250 mm	200 mm	-	-
1825807	18 mm	18 mm	250 mm	190 mm	-	-
1830014	18 mm	18 mm	300 mm	240 mm	-	-
1835015	18 mm	18 mm	350 mm	290 mm	-	-
1840016	18 mm	18 mm	400 mm	340 mm	-	-
1845043	18 mm	18 mm	450 mm	390 mm	-	-
2235105	18 mm	22 mm	350 mm	280 mm	-	-
2535018	18 mm	24 mm	350 mm	280 mm	-	-
2535019	24 mm	24 mm	350 mm	280 mm	-	-
2540020	24 mm	24 mm	400 mm	320 mm	-	-
2545021	24 mm	24 mm	450 mm	370 mm	-	-

<sup>US</sup> Universal Solid Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Verti-Drain – Cross Tine hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
0820719	8 mm	8 mm	200 mm	140 mm	1,5 mm	-
1214012V	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
1220244 <sup>UC</sup>	12 mm	12 mm	200 mm	140 mm	2,5 mm	-
1225830 <sup>UC</sup>	12 mm	12 mm	250 mm	190 mm	2,5 mm	-
1218452 <sup>UC</sup>	12 mm	18 mm	200 mm	145 mm	3 mm	-
1832453	18 mm	18 mm	320 mm	245 mm	3 mm	-
2235412	18 mm	22 mm	320 mm	240 mm	5 mm	-
2432473	18 mm	24 mm	320 mm	240 mm	5 mm	-
2532454	24 mm	24 mm	350 mm	210 mm	5 mm	-

Verti-Drain – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
1214012HV	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
1220244H <sup>UC</sup>	12 mm	12 mm	200 mm	150 mm	2,5 mm	-

<sup>UC</sup> Universal Cross Tine hardened / carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

# Verti-Drain

## Adapter Hull

### Verti-Drain – Adapter Hull

Part No.	Mounting- $\varnothing$	Outside- $\varnothing$	Total Length *	Inside- $\varnothing$	-	-
1206456	12 mm	12 mm	30 mm	6 mm	-	-
1208067	12 mm	12 mm	30 mm	8 mm	-	-
2351853	24 mm	24 mm	65 mm	18 mm	-	-

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Wiedenmann Conispoon® round hardened						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
W1206851K	12 mm	6 mm	200 mm	155 mm	-	-
W1208844K	12 mm	8 mm	200 mm	155 mm	-	-
W1208850K	12 mm	8 mm	250 mm	205 mm	-	-
W1208848K	12 mm	8 mm	300 mm	255 mm	-	-
W1220055K	12 mm	12 mm	200 mm	160 mm	-	-

Wiedenmann Conispoon® flat hardened						
Part No.	Mounting-Ø	Element Width	Element Thickness	Total Length *	Max Working Depth	-
W1219844	12 mm	19 mm	6 mm	220 mm	160 mm	-

**Wiedenmann – Hollow Tine hardened. Mounting-Ø 8, 12 mm, Conus 3°**

Part No.	Mounting- Ø/Conus	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
W1008755 <sup>UH</sup>	8 mm	11 mm	150 mm	95 mm	6 mm	-
W1015845 <sup>UH</sup>	12 mm	10 mm	150 mm	95 mm	5,5 mm	-
W1214770 <sup>UH</sup>	12 mm	12 mm	160 mm	85 mm	6,5 mm	-
W1618001 <sup>UH</sup>	12 mm	16 mm	180 mm	120 mm	9,5 mm	-
W1624001 <sup>UH</sup>	12 mm	16 mm	225 mm	140 mm	9,5 mm	-
W2018002 <sup>UH</sup>	12 mm	20 mm	180 mm	115 mm	12 mm	-
W2024002 <sup>UH</sup>	12 mm	20 mm	225 mm	140 mm	12 mm	-
W2031004	12 mm	20 mm	295 mm	190 mm	12 mm	-
W2031461	Conus 3°	20 mm	295 mm	180 mm	12 mm	-
W2522819	Conus 3°	26 mm	250 mm	150 mm	16 mm	-
W2524068	Conus 3°	26 mm	310 mm	180 mm	16 mm	-
W2536042	Conus 3°	26 mm	360 mm	220 mm	16 mm	-
W3025822	Conus 3°	30 mm	250 mm	140 mm	21 mm	-
W3030385	Conus 3°	30 mm	360 mm	230 mm	21 mm	-
W3530386	Conus 3°	35 mm	360 mm	230 mm	27 mm	-

**Wiedenmann – Hollow Tine hardened, Mounting Conus 7°**

Part No.	Mounting Conus	Outside-Ø	Total Length *	Max Working Depth	Core-Ø	-
W2031901	Conus 7°	20 mm	295 mm	180 mm	12 mm	-



<sup>UH</sup> Universal Hollow Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

<b>Wiedenmann – Hollow Tine carbide tipped, Mounting-Ø 12 mm, Conus 3°</b>						
<b>Part No.</b>	<b>Mounting- Ø/Conus</b>	<b>Outside-Ø</b>	<b>Total Length *</b>	<b>Max Working Depth</b>	<b>Core-Ø</b>	<b>-</b>
<b>W1618001H<sup>UH</sup></b>	12 mm	16 mm	180 mm	110 mm	9 mm	-
<b>W1624001H<sup>UH</sup></b>	12 mm	16 mm	225 mm	140 mm	9 mm	-
<b>W2018002H<sup>UH</sup></b>	12 mm	20 mm	180 mm	110 mm	12 mm	-
<b>W2024002H<sup>UH</sup></b>	12 mm	20 mm	225 mm	150 mm	12 mm	-
<b>W2031004H</b>	12 mm	20 mm	295 mm	190 mm	12 mm	-
<b>W2031461H</b>	Conus 3°	20 mm	295 mm	190 mm	12 mm	-
<b>W2524068H</b>	Conus 3°	26 mm	310 mm	180 mm	16 mm	-
<b>W2536042H</b>	Conus 3°	26 mm	360 mm	220 mm	16 mm	-

<sup>UH</sup> Universal Hollow Tine carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Wiedenmann – Solid Tine hardened, Mounting-Ø 8, 12 mm						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	-	-
W0817511	8 mm	8 mm	175 mm	130 mm	-	-
W0820049	8 mm	8 mm	200 mm	155 mm	-	-
W0825064	8 mm	8 mm	250 mm	205 mm	-	-
W0830716	8 mm	8 mm	300 mm	245 mm	-	-
W1220055 <sup>US</sup>	12 mm	12 mm	200 mm	150 mm	-	-
W1225056 <sup>US</sup>	12 mm	12 mm	250 mm	200 mm	-	-
W1230012 <sup>US</sup>	12 mm	12 mm	300 mm	250 mm	-	-
W1236013 <sup>US</sup>	12 mm	12 mm	360 mm	310 mm	-	-
W1612760 <sup>US</sup>	12 mm	16 mm	200 mm	150 mm	-	-
W1612837 <sup>US</sup>	12 mm	16 mm	250 mm	200 mm	-	-
W1820823 <sup>US</sup>	12 mm	18 mm	200 mm	150 mm	-	-
W1825836 <sup>US</sup>	12 mm	18 mm	250 mm	200 mm	-	-

<sup>US</sup> Universal Solid Tine hardened = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Wiedenmann – Solid Tine hardened, Mounting Conus 3°						
Part No.	Mounting Conus	Outside-Ø	Total Length *	Max Working Depth	-	-
W1830770	Conus 3 °	18 mm	300 mm	240 mm	-	-
W1827103	Conus 3 °	18 mm	350 mm	290 mm	-	-
W2025727	Conus 3 °	20 mm	300 mm	240 mm	-	-
W2035716	Conus 3 °	20 mm	350 mm	290 mm	-	-
W2042717	Conus 3 °	20 mm	420 mm	360 mm	-	-
W2225821	Conus 3 °	22 mm	300 mm	240 mm	-	-
W2235126	Conus 3 °	22 mm	350 mm	290 mm	-	-
W2242407	Conus 3 °	22 mm	420 mm	360 mm	-	-
W2525820	Conus 3 °	24 mm	300 mm	240 mm	-	-
W2535018	Conus 3 °	24 mm	350 mm	290 mm	-	-
W2440751	Conus 3 °	24 mm	420 mm	360 mm	-	-

Wiedenmann – Solid Tine hardened, Mounting Conus 7°						
Part No.	Mounting Conus	Outside-Ø	Total Length *	Max Working Depth	-	-
W1830840	Conus 7°	18 mm	300 mm	240 mm	-	-
W2030876	Conus 7°	20 mm	300 mm	240 mm	-	-
W2230889	Conus 7°	22 mm	300 mm	240 mm	-	-

Wiedenmann – Cross Tine hardened						
Part No.	Mounting- Ø/Conus	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
W0820719	8 mm	8 mm	200 mm	140 mm	1,5 mm	-
W1214012	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
W1220244 <sup>UC</sup>	12 mm	12 mm	200 mm	140 mm	2,5 mm	-
W1225813 <sup>UC</sup>	12 mm	12 mm	250 mm	190 mm	2,5 mm	-
W1218452 <sup>UC</sup>	12 mm	18 mm	200 mm	145 mm	3 mm	-
W1832453	Conus 3°	18 mm	320 mm	245 mm	3 mm	-
W2235413	Conus 3°	22 mm	320 mm	245 mm	5 mm	-
W2532454	Conus 3°	24 mm	320 mm	230 mm	5 mm	-

Wiedenmann – Cross Tine carbide tipped						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Max Working Depth	Rib Width	-
W1214012H	12 mm	12 mm	145 mm	100 mm	2,5 mm	-
W1220244H <sup>UC</sup>	12 mm	12 mm	200 mm	150 mm	2,5 mm	-

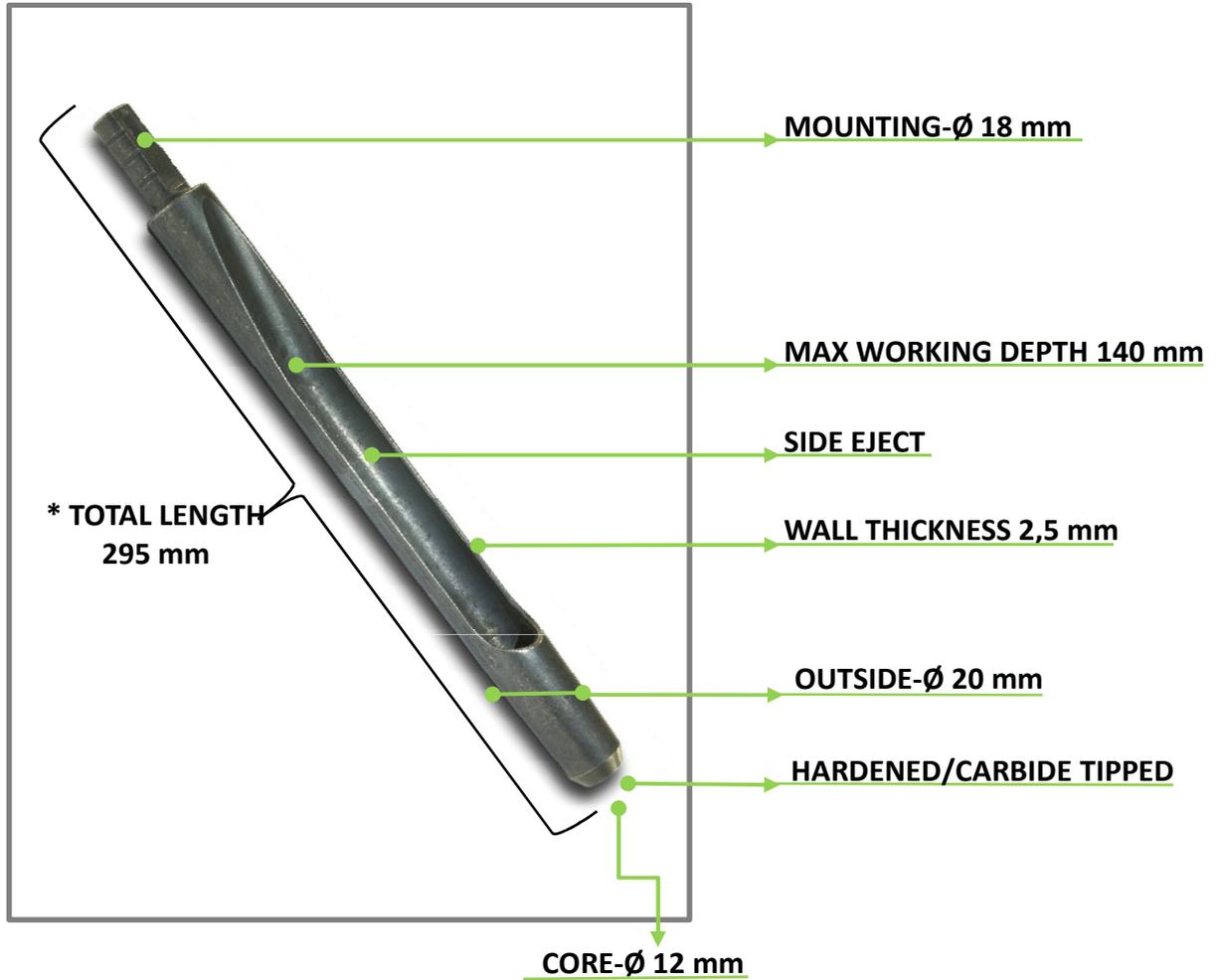
<sup>UC</sup> Universal Cross Tine hardened / carbide tipped = universal fitting on the following machines:  
Verti-Drain, Selvatici, Soil Reliever, Wiedenmann

Wiedenmann – Adapter Hull						
Part No.	Mounting-Ø	Outside-Ø	Total Length *	Inside-Ø	-	-
W1206456	12 mm	12 mm	30 mm	6 mm	-	-
W1208067	12 mm	12 mm	30 mm	8 mm	-	-

# Technical Data

Measure in inch and mm

EXAMPLAE: PART NO. 2024002



MOUNTING-Ø  
9,5 mm (3/8")



\* The length measurements refer to the total length of the tools.

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# „Universal“ ranges!

- „Universal Hollow Tine“
- „Universal Solid Tine“
- „Universal Cross Tine“

The “**Universal Hollow Tine**”, “**Universal Solid Tine**” and “**Universal Cross Tine**” ranges have a major advantage in that the tool holder has been modified in such a way as to allow it to be installed in Verti-Drain-, Selvatici, Soil Reliever and Wiedenmann machines.

This allows for open space on the holder, which ensures that clamping pressure of the locking screw is ideal.

For the “**Universal Hollow Tine**” range, the side has been reduced further, which ensures improved core extraction.



+++ „Universal“ ranges – only by KBV EFFERTZ +++  
Patented design