

V O L V O

VOLVO TOOTH SYSTEM

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Introduction

Modern design built on proven experience

- The new generation Volvo Tooth System has been developed by Volvo, specifically for Volvo machines.
- Each adapter and tooth is carefully matched to the size and model of the machine to maximize performance, breakout force, and uptime.
- From tooth size and specification to the optimal balance between wear protection and weight, every component has been engineered to help unlock the full potential of your Volvo machine.
- The innovative Volvo locking system provides a truly hammerless solution, allowing teeth to be installed or replaced in just minutes, helping to reduce downtime.
- The retainer is pre-assembled and supplied together with the tooth, eliminating the need for spring retainer replacement throughout the tooth's service life.
- The system features a reusable locking pin that can be installed from either side for increased flexibility and ease of maintenance.
- The hammerless design also improves safety by reducing the risk of injury. Only a ½" and/or 3/8" square-drive tool is required.

Designed for Volvo's larger Excavators and Wheel Loaders

- Volvo Wheel Loaders range from L60 to L350.
- Volvo Excavators range from 14 tons up to the largest 95-ton model.



History

History of the Volvo Tooth System

Following several years of development, Volvo Construction Equipment introduced its first proprietary tooth system in 2004. This patented system, known as VTS (Volvo Tooth System), marked the beginning of a new generation of Volvo wear parts solutions.

In 2019, Volvo launched the next generation of the system with the introduction of the patented VTS2 platform, delivering further advancements in performance, durability, and ease of maintenance.

Patent Information

Applicable patents

The Volvo Tooth System is protected by two primary patents.

VTS-II fitting interface patent

This patent covers the fitting interface between the adapter and the tooth, known as **VTS-II**.

A global Patent Cooperation Treaty (PCT) application was filed and subsequently extended to the following regions and countries:

Australia, Brazil, Canada, Chile, China, South Korea, Japan, India, Indonesia, Israel, Malaysia, Mexico, New Zealand, Peru, Russia, Sudan, South Africa, Ukraine, the United States, and the European Patent system (pending national phase).

Filing date: 29 April 2014

Patent number: PCT/EP2014/058702

Publication number: WO2015/165505

Locking system patent

This patent covers the Volvo Tooth System locking mechanism.

A global Patent Cooperation Treaty (PCT) application was filed and subsequently extended to the following regions and countries:

Australia, Brazil, Canada, Chile, China, South Korea, Japan, India, Indonesia, Israel, Malaysia, Mexico, New Zealand, Peru, Russia, Sudan, South Africa, Ukraine, the United States, and the European Patent system (pending national phase).

Filing date: 5 July 2011

Patent number: PCT/EP2011/070488

Publication number: WO2013/004858

Attachment Selector Application

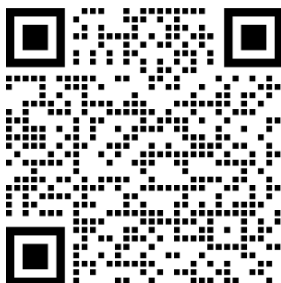
The **Attachment Selector** is a free global mobile application for iOS and Android that helps users quickly identify the right attachments for Volvo CE machines. Designed to support both sales personnel and customers, the application provides a straightforward, step-by-step selection process and access to comprehensive attachment information.

Users can search for attachments by machine model or sales code and access key data such as technical specifications, sales references, machine compatibility, wear parts information, material density tables, measurements, and 3D illustrations. The application also includes selection guides to help users choose the most suitable attachment for their specific needs.

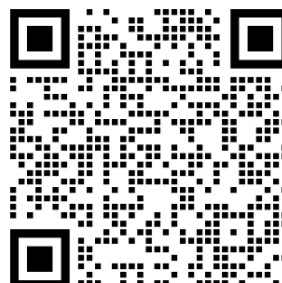
The app works both online and offline, making it a practical tool whether in the office or out in the field. Search results can be exported as PDF files or shared by email, simplifying follow-up and customer communication.



Use the QR codes below to download the **Attachment Selector** application free of charge.



Google Play Store

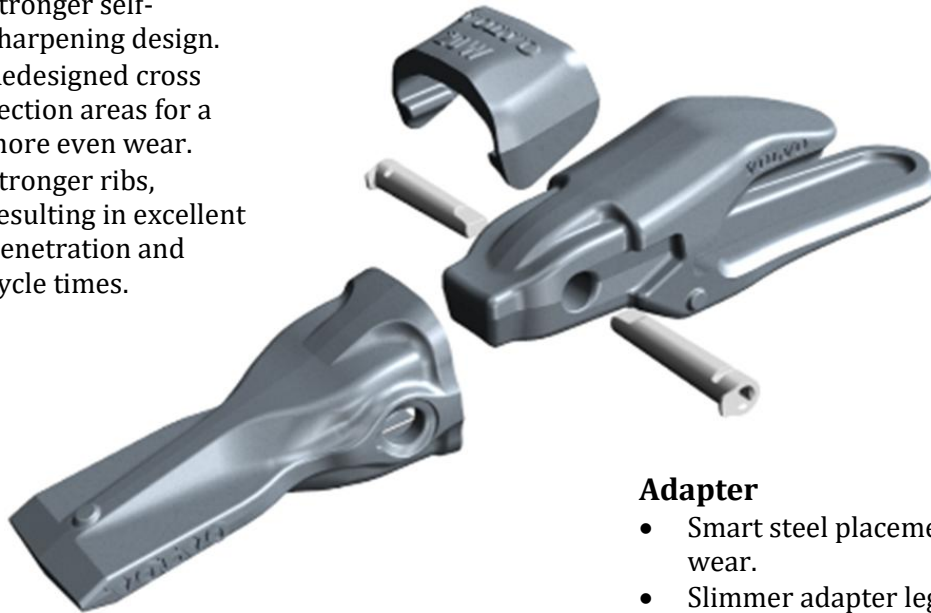


Apple App Store

Tooth System in Detail

Tooth

- Low profile for good penetration.
- Stronger self-sharpening design.
- Redesigned cross section areas for a more even wear.
- Stronger ribs, resulting in excellent penetration and cycle times.



Wear Cap

- Optional wear placement cap, fitted on the same adapter.
- Can be used with or without wear cap (size 41 and up).

Adapter

- Smart steel placement prevents early wear.
- Slimmer adapter leg protects the welding.
- Enhanced resistance to overload conditions.
- Reusable pin, lockable from both sides (size 21 up to 126).

Locking System

- The steel retainer is supplied pre-installed with the tooth.
- No spring replacement is required throughout the service life of the tooth.
- Reusable pin, lockable from both sides (size 21 up to 126).
- The locking pin is manufactured from steel.
- No separate pin or retainer is required for hot slag applications.
- A single locking system is used for both standard and hot slag applications.





Excavator Teeth – Features & Benefits



General Purpose Tooth

For general purpose applications with a moderate level of abrasion. Good penetration. Long service life.

Designation: GPE



Abrasive Material and Rock Tooth

Provides good penetration and longer service life in rock and abrasive material handling. For rock material handling where extra wear life is needed.

Designation: ARXE



Top Leg Adapter

Adapter with long top leg for welding to both sides of the cutting edge.

Designation: TL



Pick Point Tooth

The perfect choice for extremely compact material such as hard clay and frozen ground. Provides maximum penetration capability. Can be used in combination with Twin Pick tooth. Long service life.

Designation: PPC / PPE



Twin Pick Point Tooth

Ideal for extremely compact materials such as hard clay and frozen ground. Provides maximum penetration capability. Can be used in combination with Pick Point tooth. Long service life.

Designation: TPC / TPE



Spade Nose Tooth

Designed for light-duty, low-impact applications such as levelling, cleaning, grading, and backfilling.

Designation: SNC / SNE



Wear Cap

Provides additional protection for the adapter, helping to extend service life in demanding applications.

Designation: W



Locking Pin

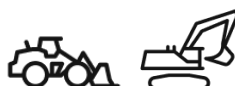
Designation: P



Retainer

Pre-installed in the tooth. Available separately as a spare part.

Designation: R





Wheel Loader Teeth – Features & Benefits



General Purpose Tooth

An all-rounder suitable for material with a moderate level of abrasion, such as sand and gravel. Small undercut makes it suitable for cleaning work.

Designation: GPL



Abrasive Material Tooth

Designed to handle abrasive material where extra penetration is required, such as crushed or blasted rock.

Designation: AML



Abrasive Material and Rock Tooth

For heavy duty applications with a high level of abrasion, such as blasted rock or hot slag.

Designation: AMRL



Flush Adapter

Flush-mounting weld-on adapter. For use where a smooth profile to the bucket is required (e.g. planning, levelling).

Designation: FC



Top Leg Adapter

Adapter with long top leg for welding to both sides of the cutting edge.

Designation: TL



Bolt-On Adapter

Two-leg adapter for bolting to the cutting edge.

Designation: BN



Locking Pin

Designation: P



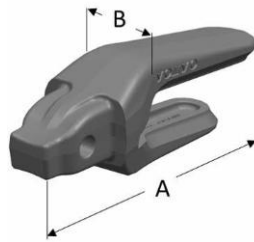
Retainer

Pre-installed in the tooth.
Available separately as a spare part.

Designation: R

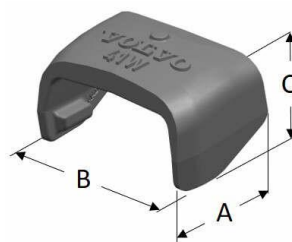


Excavator Teeth – Dimensions & Weight



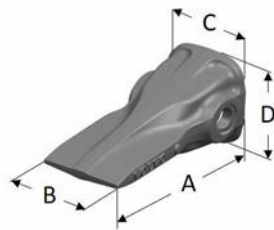
Top Leg Adapter

Designation	Part No.	Edge thickness (mm)	Edge angle (degree)	A (mm)	B (mm)	Weight (kg)
UA11TL25	VOE17491921	25	30	267	91	4,5
EA11TL30	VOE14744545	30	30	256	91	4,4
EA16TL30	VOE14727403	30	30	299	104,2	6,5
EA21TL40	VOE14727405	40	30	344	112	9,8
EA31TL40	VOE14727406	40	30	377	123	12,1
Designation	Part No.	Edge thickness (mm)	Edge angle (degree)	A (mm)	B (mm)	Weight (kg)
EA41TLW40	VOE14727409	40	30	436	115	18,9
EA41TLW50	VOE14732187	50	30	436	115	18,8
EA56TLW50	VOE14732190	50	30	479	132	25,4
EA66TLW50	VOE14732191	50	30	536	157	36,5
EA66TLW60	VOE14732192	60	30	536	157	36,5
EA81TLW80	VOE14732193	80	30	578	163	46,7
EA126TLW90	VOE14732194	90	30	670	193	76
EA126TLW100	VOE14732375	100	30	670	193	75



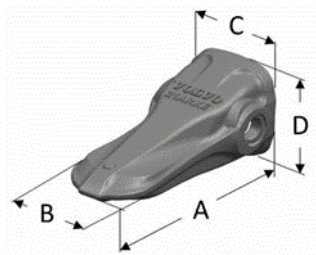
Wear Cap

Designation	Part No.	A (mm)	B (mm)	C (mm)	Weight (kg)
41W	VOE14736109	88	136	86	2
56W	VOE14736110	93	152	94	2,2
66W	VOE14736111	103	177	100	3,5
81W	VOE14736112	109	192	107	4
126W	VOE14736113	127	222	134	6,4



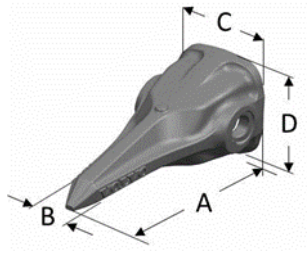
General Purpose Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
11GPE	VOE14744546	200	70	93	86	2,5
<u>11GPE</u>	<u>VOE54467382</u>	<u>200</u>	<u>70</u>	<u>99</u>	<u>86</u>	<u>2,7</u>
16GPE	VOE14732376	224	80	109	102	4,1
21GPE	VOE14732381	255	105	116	111	5,6
31GPE	VOE14732386	268	113	134	123	7,5
41GPE	VOE14732391	292	126	135	133	9,6
56GPE	VOE14732396	320	137	164	147	13
66GPE	VOE14732401	348	144	177	167	16,5
81GPE	VOE14732404	381	165	197	175	22,7



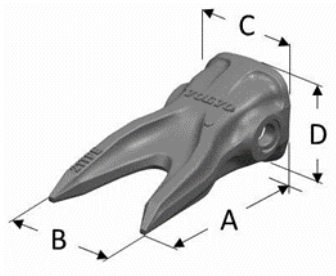
Abrasive Material and Rock Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
11ARXE	VOE14744547	212	73	93	86	3,1
<u>11ARXE</u>	<u>VOE54467383</u>	<u>212</u>	<u>73</u>	<u>98</u>	<u>86</u>	<u>3,3</u>
16ARXE	VOE14732377	236	84	109	102	4,5
21ARXE	VOE14732382	269	95	116	111	6,8
31ARXE	VOE14732387	285	107	134	123	8,6
41ARXE	VOE14732392	312	120	141	133	12,2
56ARXE	VOE14732397	339	131	164	147	16,6
66ARXE	VOE14732402	382	147	178	167	22,5
81ARXE	VOE14731779	405	159	197	175	28,6
126ARXE	VOE14732425	464	179	216	205	42



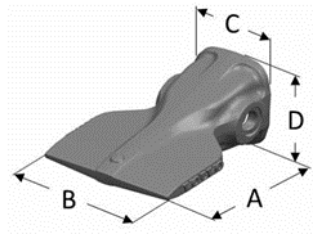
Pick Point Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
16PPE	VOE14732378	241	-	109	102	3,3
21PPE	VOE14732383	273	-	116	111	4,8
41PPE	VOE14732393	330	-	140	132	8,4
56PPE	VOE14732398	359	-	164	147	11,5
66PPE	VOE14732403	391	-	178	167	15
81PPE	VOE14732424	427	-	197	175	19,4
126PPE	VOE14753794	486	-	217	205	35



Twin Pick Point Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
16TPE	VOE14732379	239	119	109	102	3,8
21TPE	VOE14732384	273	125	116	111	5,9
41TPE	VOE14732394	330	162	141	133	10,5
56TPE	VOE14732399	358	182	164	147	15



Spade Nose Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
16SNE	VOE14732380	215	127	108	100	4,4
21SNE	VOE14732385	262	177	116	111	7,6
31SNE	VOE54099788	278	180	134	123	9,8
41SNE	VOE14732395	306	206	141	133	12,8
56SNE	VOE14732400	342	231	164	147	18,2
66SNE	VOE54099789	382	256	178	167	24,7

Wheel Loader Teeth – Dimensions & Weight



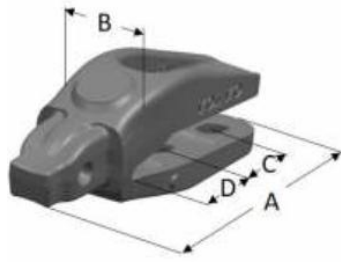
Flush Adapter

Designation	Part No.	Edge thickness (mm)	Edge angle (degree)	A (mm)	B (mm)	Weight (kg)
LA11FC25	VOE17491920	25	25	264	91	4,1
LA16FC30-35	VOE17491922	30-35	25	301	104	6,1
LA21FC40	VOE17491926	40	25	363	112	9,5
LA31FC40	VOE17491928	40	25	387	123	13



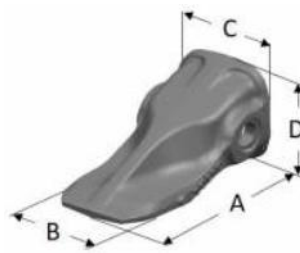
Top Leg Adapter

Designation	Part No.	Edge thickness (mm)	Edge angle (degree)	A (mm)	B (mm)	Weight (kg)
UA11TL25	VOE17491921	25	25	267	91	4,5
LA16TL30	VOE17491923	30	25	298	104	6,3
LA16TL35	VOE17491924	35	25	300	104	6,6
LA21TL35	VOE17491925	35	25	323	112	8,1
LA21TL40	VOE17491927	40	25	323	112	8,2
LA31TL40	VOE17491929	40	25	350	123	11,2
LA41TL40	VOE17491930	40	25	388	113	15,6
LA41TL50	VOE17491933	50	25	395	113	16,2
LA56TL65	VOE17491931	65	30	422	131	21,7
LA66TL65	VOE17491932	65	30	504	140	31,2



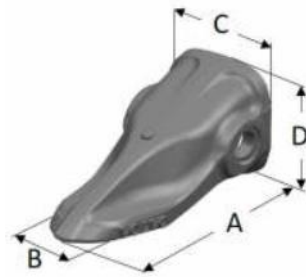
Bolt-On Adapter

Designation	Part No.	Edge thickness (mm)	Edge angle (degree)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
LA11BN25	VOE17491915	25	25	290	91	87	85	5,4
LA16BN30	VOE17491916	30	25	307	103	87	85	6,9
LA16BN35	VOE17491917	35	25	357	104	111	106	7,9
LA21BN40	VOE17491918	40	25	390	112	100	117	14,4
LA31BN40	VOE17491919	40	25	401	123	100	118	18,5



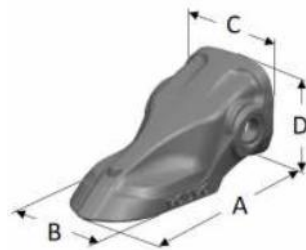
General Purpose Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
11GPL	VOE17491940	186	76	93	86	2,5
<u>11GPL</u>	<u>VOE55094750</u>	<u>184</u>	<u>76</u>	<u>96</u>	<u>85</u>	<u>2,8</u>
16GPL	VOE17491941	190	80	109	102	4,1
21GPL	VOE17491944	194	104	116	111	5,5
31GPL	VOE17491947	213	112	125	123	7,6
41GPL	VOE17491950	226	130	141	133	10,8



Abrasive Material Tooth

Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
16AML	VOE17491942	188	62	109	109	4,7
21AML	VOE17491945	201	65	116	111	5,9
31AML	VOE17491948	218	90	134	123	8,5



Abrasive Material and Rock Tooth

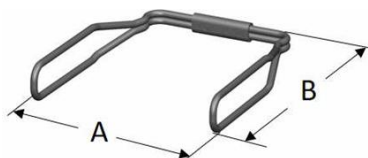
Designation	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
16AMRL	VOE17491943	192	93	109	101	5,3
21AMRL	VOE17491946	213	96	116	111	8,1
31AMRL	VOE17491949	237	110	134	123	11,1
41AMRL	VOE17491951	257	140	141	133	16,6
56AMRL	VOE17491952	286	150	164	174	22,1
66AMRL	VOE17491953	322	167	178	167	27,3

Universal Locking Devices – Dimensions & Weight



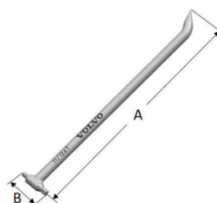
Locking Pin

Designation	Part No.	A (mm)	B (mm)	Weight (kg)
11P	VOE17473100	20	87	0,17
<u>11P</u>	<u>VOE54467517</u>	<u>20</u>	<u>91</u>	<u>0,17</u>
16P	VOE17473101	21	100	0,2
21P	VOE17473102	21	107	0,2
31P	VOE17473103	23,5	120	0,3
41P	VOE17473104	25	128	0,4
56P	VOE17473105	28,5	149	0,5
66P	VOE17473106	32	162	0,8
81P	VOE14740815	33,5	174	0,9
126P	VOE14740817	39	192	1,4



Retainer

Designation	Part No.	A (mm)	B (mm)
11R	VOE17493100	69,5	72,4
16R	VOE17493101	80,2	86,2
21R	VOE17493102	84,4	96
31R	VOE17493103	97,2	101,9
41R	VOE17493104	105,5	111,4
56R	VOE17493105	114,3	123,4
66R	VOE17493106	130	136,1
81R	VOE14740816	134,9	145,1
126R	VOE14740818	155,1	166,8



Locking Pin Tool

Designation	Part No.	Weight (kg)	Sizes
11\126T	VOE17473120	3	11\126

Wheel Loaders

L60

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491920	LA11FC25	Flush-mounted	4,3
	VOE17491921	LA11TL25	Top Leg	4,17
	VOE17491915	LA11BN25	Bolt-on	5,5
TOOTH	VOE17491940	11GPL	General purpose	2,7
<u>TOOTH</u>	<u>VOE55094750</u>	<u>11GPL</u>	<u>General purpose</u>	<u>2,8</u>
PIN	VOE17473100	11P	Locking device	0,2
<u>PIN</u>	<u>VOE54467517</u>	<u>11P</u>	<u>Locking device</u>	<u>0,17</u>
RETAINER	VOE17493100	11R	Retainer	
HEXAGON SCREW	VOE997464	M16 L=70mm		
FLANGE NUT	VOE60113144	M16		

L70

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491920	LA11FC25	Flush-mounted	4,3
	VOE17491921	LA11TL25	Top Leg	4,17
	VOE17491915	LA11BN25	Bolt-on	5,5
TOOTH	VOE17491940	11GPL	General purpose	2,7
<u>TOOTH</u>	<u>VOE55094750</u>	<u>11GPL</u>	<u>General purpose</u>	<u>2,8</u>
PIN	VOE17473100	11P	Locking device	0,2
<u>PIN</u>	<u>VOE54467517</u>	<u>11P</u>	<u>Locking device</u>	<u>0,17</u>
RETAINER	VOE17493100	11R	Retainer	
HEXAGON SCREW	VOE997464	M16 L=70mm		
FLANGE NUT	VOE60113144	M16		

L90

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491922	LA16FC30-35	Flush-mounted	6,5
	VOE17491923	LA16TL30	Top Leg	6,7
	VOE17491916	LA16BN30	Bolt-on	7,2
TOOTH	VOE17491941	16GPL	General purpose	4,1
	VOE17491942	16AML	Abrasive material	4,9
	VOE17491943	16AMRL	Abrasive material with extra wear metal	5,7
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			

L110

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491918	LA21BN40	Bolt-on	8,3
	VOE17491925	LA21TL35	Top Leg	8,3
TOOTH	VOE17491944	21GPL	General purpose	6
	VOE17491945	21AML	Abrasive material	6,3
	VOE17491946	21AMRL	Abrasive material with extra wear metal	8,28
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			

L120

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491918	LA21BN40	Bolt-on	8,3
	VOE17491925	LA21TL35	Top Leg	8,3
TOOTH	VOE17491944	21GPL	General purpose	6
	VOE17491945	21AML	Abrasive material	6,3
	VOE17491946	21AMRL	Abrasive material with extra wear metal	8,28
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			

L150

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491926	LA21FC40	Flush-mounted	9,55
	VOE17491927	LA21TL40	Top Leg	8,47
	VOE17491918	LA21BN40	Bolt-on	15,4
TOOTH	VOE17491944	21GPL	General purpose	6
	VOE17491945	21AML	Abrasive material	6,3
	VOE17491946	21AMRL	Abrasive material with extra wear metal	8,3
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491928	LA31FC40	Flush-mounted	13,6
	VOE17491929	LA31TL40	Top Leg	11,6
	VOE17491919	LA31BN40	Bolt-on	19,1
TOOTH	VOE17491947	31GPL	General purpose	8
	VOE17491948	31AML	Abrasive material	8,8
	VOE17491949	31AMRL	Abrasive material with extra wear metal	11,5
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			

L180

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491926	LA21FC40	Flush-mounted	9,55
	VOE17491927	LA21TL40	Top Leg	8,47
	VOE17491918			
TOOTH	VOE17491944	21GPL	General purpose	6
	VOE17491945	21AML	Abrasive material	6,3
	VOE17491946	21AMRL	Abrasive material with extra wear metal	8,3
PIN	VOE17473102			
RETAINER	VOE17493102			
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491928	LA31FC40	Flush-mounted	13,6
	VOE17491929	LA31TL40	Top Leg	11,6
	VOE17491919	LA31BN40	Bolt-on	19,1
TOOTH	VOE17491947	31GPL	General purpose	8
	VOE17491948	31AML	Abrasive material	8,8
	VOE17491949	31AMRL	Abrasive material with extra wear metal	11,5
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			

L220

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491928	LA31FC40	Flush-mounted	13,6
	VOE17491929	LA31TL40	Top Leg	11,6
	VOE17491919	LA31BN40	Bolt-on	19,1
TOOTH	VOE17491947	31GPL	General purpose	8
	VOE17491948	31AML	Abrasive material	8,8
	VOE17491949	31AMRL	Abrasive material with extra wear metal	11,5
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	
HEXAGON SCREW	VOE963361	M24 L=100mm		
LOCK NUT	VOE948836	M24		
WASHER	VOE997387			
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491930	LA41TL40	Top Leg	15,8
	VOE17491933	LA41TL50	Top Leg	16,6
TOOTH	VOE17491950	41GPL	General purpose	11
	VOE17491951	41AMRL	Abrasive material with extra wear metal	17,1
PIN	VOE17473104	41P	Locking device	0,4
RETAINER	VOE17493104	41R	Retainer	

L250

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491930	LA41TL40	Top Leg	15,8
	VOE17491933	LA41TL50	Top Leg	16,6
TOOTH	VOE17491950	41GPL	General purpose	11
	VOE17491951	41AMRL	Abrasive material with extra wear metal	17,1
PIN	VOE17473104	41P	Locking device	0,4
RETAINER	VOE17493104	41R	Retainer	

L260

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491930	LA41TL40	Top Leg	15,8
	VOE17491933	LA41TL50	Top Leg	16,6
TOOTH	VOE17491950	41GPL	General purpose	11
	VOE17491951	41AMRL	Abrasive material with extra wear metal	17,1
PIN	VOE17473104	41P	Locking device	0,4
RETAINER	VOE17493104	41R	Retainer	

L330

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491931	LA56TL65	Top Leg	22,7
TOOTH	VOE17491952	56AMRL	Abrasive material with extra wear metal	22,9
PIN	VOE17473105	56P	Locking device	0,56
RETAINER	VOE17493105	56R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491932	LA66TL65	Top Leg	32,6
TOOTH	VOE17491953	66AMRL	Abrasive material with extra wear metal	28,4
PIN	VOE17473106	66P	Locking device	0,8
RETAINER	VOE17493106	66R	Retainer	

L350

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491931	LA56TL65	Top Leg	22,7
TOOTH	VOE17491952	56AMRL	Abrasive material with extra wear metal	22,9
PIN	VOE17473105	56P	Locking device	0,56
RETAINER	VOE17493105	56R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491932	LA66TL65	Top Leg	32,6
TOOTH	VOE17491953	66AMRL	Abrasive material with extra wear metal	28,37
PIN	VOE17473106	66P	Locking device	0,8
RETAINER	VOE17493106	66R	Retainer	

Shim for Bolted Adapter – Wheel Loaders

Description	Part No.	Thickness (mm)	Width (mm)	Length (mm)	Note
Shim for bolted adapter	VOE15015573	1	80	175.5	Requisite number
Shim for bolted adapter	VOE15015574	2	80	175.5	Requisite number
Shim for bolted adapter	VOE15015576	3	80	175.5	Requisite number

Crawler Excavators

EC140

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491921	EA11TL25	Top Leg	4,8
ADAPTER	VOE14744545	EA11TL30	Top Leg	4,2
TOOTH	VOE14744546	11GPE	General purpose	2,7
<u>TOOTH</u>	<u>VOE54467382</u>	<u>11GPE</u>	<u>General purpose</u>	<u>2,7</u>
TOOTH	VOE14744547	11ARXE	Abrasive material with extra wear metal	3,2
<u>TOOTH</u>	<u>VOE54467383</u>	<u>11ARXE</u>	<u>Abrasive material with extra wear metal</u>	<u>3,3</u>
PIN	VOE17473100	11P	Locking device	0,2
<u>PIN</u>	<u>VOE54467517</u>	<u>11P</u>	<u>Locking device</u>	<u>0,17</u>
RETAINER	VOE17493100	11R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
TOOTH	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
TOOTH	VOE14732378	16PPE	Extremely compact material	3,6
TOOTH	VOE14732379	16TPE	Extremely compact material	4
TOOTH	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	

ECR145

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491921	EA11TL25	Top Leg	4,8
ADAPTER	VOE14744545	EA11TL30	Top Leg	4,2
<u>TOOTH</u>	<u>VOE54467382</u>	<u>11GPE</u>	<u>General purpose</u>	<u>2,7</u>
TOOTH	VOE14744547	11ARXE	Abrasive material with extra wear metal	3,2
<u>TOOTH</u>	<u>VOE54467383</u>	<u>11ARXE</u>	<u>Abrasive material with extra wear metal</u>	<u>3,3</u>
PIN	VOE17473100	11P	Locking device	0,2
<u>PIN</u>	<u>VOE54467517</u>	<u>11P</u>	<u>Locking device</u>	<u>0,17</u>
RETAINER	VOE17493100	11R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
TOOTH	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
TOOTH	VOE14732378	16PPE	Extremely compact material	3,6
TOOTH	VOE14732379	16TPE	Extremely compact material	4
TOOTH	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	

EC160

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
TOOTH	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
TOOTH	VOE14732378	16PPE	Extremely compact material	3,6
TOOTH	VOE14732379	16TPE	Extremely compact material	4
TOOTH	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	

EC180

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
TOOTH	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
TOOTH	VOE14732378	16PPE	Extremely compact material	3,6
TOOTH	VOE14732379	16TPE	Extremely compact material	4
TOOTH	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3

EC200

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

EC210

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

EC220

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

EC230 Electric

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

EC235

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

ECR235

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
TOOTH	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
TOOTH	VOE14732383	21PPE	Extremely compact material	4,9
TOOTH	VOE14732384	21TPE	Extremely compact material	6,2
TOOTH	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

EC250

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
TOOTH	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
TOOTH	VOE45099788	31SNE	Levelling, cleaning, grading and backfilling	9,8
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727409	EA41TLW40	Top Leg	19,6
ADAPTER	VOE14732187	EA41TLW50	Top Leg	19,5
TOOTH	VOE14732391	41GPE	General purpose	10
TOOTH	VOE14732392	41ARXE	Abrasive material with extra wear metal	12,2
TOOTH	VOE14732393	41PPE	Extremely compact material	8,7
TOOTH	VOE14732394	41TPE	Extremely compact material	10,7
TOOTH	VOE14732395	41SNE	Levelling, cleaning, grading and backfilling	13,1
PIN	VOE17473104	41P	Locking device	0,4
RETAINER	VOE17493104	41R	Retainer	
CAP	VOE14736109	41W	Wear cap	2

EC300

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727409	EA41TLW40	Top Leg	19,6
ADAPTER	VOE14732187	EA41TLW50	Top Leg	19,5
TOOTH	VOE14732391	41GPE	General purpose	10
TOOTH	VOE14732392	41ARXE	Abrasive material with extra wear metal	12,2
TOOTH	VOE14732393	41PPE	Extremely compact material	8,7
TOOTH	VOE14732394	41TPE	Extremely compact material	10,7
TOOTH	VOE14732395	41SNE	Levelling, cleaning, grading and backfilling	13,1
PIN	VOE17473104	41P	Locking device	0,4
RETAINER	VOE17493104	41R	Retainer	
CAP	VOE14736109	41W	Wear cap	2
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732190	EA56TLW50	Top Leg	26,6
TOOTH	VOE14732396	56GPE	General purpose	13,7
TOOTH	VOE14732397	56ARXE	Abrasive material with extra wear metal	16,8
TOOTH	VOE14732398	56PPE	Extremely compact material	11,6
TOOTH	VOE14732399	56TPE	Extremely compact material	15
TOOTH	VOE14732400	56SNE	Levelling, cleaning, grading and backfilling	18,2
PIN	VOE17473105	56P	Locking device	0,5
RETAINER	VOE17493105	56R	Retainer	
CAP	VOE14736110	56W	Wear cap	2,2

EC350

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732190	EA56TLW50	Top Leg	26,6
TOOTH	VOE14732396	56GPE	General purpose	13,7
TOOTH	VOE14732397	56ARXE	Abrasive material with extra wear metal	16,8
TOOTH	VOE14732398	56PPE	Extremely compact material	11,6
TOOTH	VOE14732399	56TPE	Extremely compact material	15
TOOTH	VOE14732400	56SNE	Levelling, cleaning, grading and backfilling	18,2
PIN	VOE17473105	56P	Locking device	0,5
RETAINER	VOE17493105	56R	Retainer	
CAP	VOE14736110	56W	Wear cap	2,2
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38,2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37,4
TOOTH	VOE14732401	66GPE	General purpose	16,6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22,5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24,7
PIN	VOE17473106	66P	Locking device	0,3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3,5
TOOL	VOE17473120	11/126T	Tool	3

ECR355

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727409	EA41TLW40	Top Leg	19,6
ADAPTER	VOE14732187	EA41TLW50	Top Leg	19,5
TOOTH	VOE14732391	41GPE	General purpose	10
TOOTH	VOE14732392	41ARXE	Abrasive material with extra wear metal	12,2
TOOTH	VOE14732393	41PPE	Extremely compact material	8,7
TOOTH	VOE14732394	41TPE	Extremely compact material	10,7
TOOTH	VOE14732395	41SNE	Levelling, cleaning, grading and backfilling	13,1
PIN	VOE17473104	41P	Locking device	0,4
RETAINER	VOE17493104	41R	Retainer	
CAP	VOE14736109	41W	Wear cap	2
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732190	EA56TLW50	Top Leg	26,6
TOOTH	VOE14732396	56GPE	General purpose	13,7
TOOTH	VOE14732397	56ARXE	Abrasive material with extra wear metal	16,8
TOOTH	VOE14732398	56PPE	Extremely compact material	11,6
TOOTH	VOE14732399	56TPE	Extremely compact material	15
TOOTH	VOE14732400	56SNE	Levelling, cleaning, grading and backfilling	18,2
PIN	VOE17473105	56P	Locking device	0,5
RETAINER	VOE17493105	56R	Retainer	
CAP	VOE14736110	56W	Wear cap	2,2

EC360

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732190	EA56TLW50	Top Leg	26,6
TOOTH	VOE14732396	56GPE	General purpose	13,7
TOOTH	VOE14732397	56ARXE	Abrasive material with extra wear metal	16,8
TOOTH	VOE14732398	56PPE	Extremely compact material	11,6
TOOTH	VOE14732399	56TPE	Extremely compact material	15
TOOTH	VOE14732400	56SNE	Levelling, cleaning, grading and backfilling	18,2
PIN	VOE17473105	56P	Locking device	0,5
RETAINER	VOE17493105	56R	Retainer	
CAP	VOE14736110	56W	Wear cap	2,2
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38,2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37,4
TOOTH	VOE14732401	66GPE	General purpose	16,6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22,5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24,7
PIN	VOE17473106	66P	Locking device	0,3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3,5
TOOL	VOE17473120	11/126T	Tool	3

EC380

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732190	EA56TLW50	Top Leg	26,6
TOOTH	VOE14732396	56GPE	General purpose	13,7
TOOTH	VOE14732397	56ARXE	Abrasive material with extra wear metal	16,8
TOOTH	VOE14732398	56PPE	Extremely compact material	11,6
TOOTH	VOE14732399	56TPE	Extremely compact material	15
TOOTH	VOE14732400	56SNE	Levelling, cleaning, grading and backfilling	18,2
PIN	VOE17473105	56P	Locking device	0,5
RETAINER	VOE17493105	56R	Retainer	
CAP	VOE14736110	56W	Wear cap	2,2
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38,2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37,4
TOOTH	VOE14732401	66GPE	General purpose	16,6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22,5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24,7
PIN	VOE17473106	66P	Locking device	0,3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3,5
TOOL	VOE17473120	11/126T	Tool	3

EC400

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732190	EA56TLW50	Top Leg	26,6
TOOTH	VOE14732396	56GPE	General purpose	13,7
TOOTH	VOE14732397	56ARXE	Abrasive material with extra wear metal	16,8
TOOTH	VOE14732398	56PPE	Extremely compact material	11,6
TOOTH	VOE14732399	56TPE	Extremely compact material	15
TOOTH	VOE14732400	56SNE	Levelling, cleaning, grading and backfilling	18,2
PIN	VOE17473105	56P	Locking device	0,5
RETAINER	VOE17493105	56R	Retainer	
CAP	VOE14736110	56W	Wear cap	2,2
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38,2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37,4
TOOTH	VOE14732401	66GPE	General purpose	16,6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22,5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24,7
PIN	VOE17473106	66P	Locking device	0,3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3,5
TOOL	VOE17473120	11/126T	Tool	3

EC480

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38.2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37.4
TOOTH	VOE14732401	66GPE	General purpose	16.6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22.5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24.7
PIN	VOE17473106	66P	Locking device	0.3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3.5
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732193	EA81TLW80	Top Leg	45.1
TOOTH	VOE14732404	81GPE	General purpose	23.1
TOOTH	VOE14731779	81ARXE	Abrasive material with extra wear metal	29.5
TOOTH	VOE14732424	81PPE	Extremely compact material	20
LOCK	VOE14740815	81P	Locking device	0.9
RETAINER	VOE14740816	81R	Retainer	
WEAR CAP	VOE14736112	81W	Adapter protector	4.3
TOOL	VOE17473120	11/126T	Tool	3

EC500

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38.2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37.4
TOOTH	VOE14732401	66GPE	General purpose	16.6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22.5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24.7
PIN	VOE17473106	66P	Locking device	0.3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3.5
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732193	EA81TLW80	Top Leg	45.1
TOOTH	VOE14732404	81GPE	General purpose	23.1
TOOTH	VOE14731779	81ARXE	Abrasive material with extra wear metal	29.5
TOOTH	VOE14732424	81PPE	Extremely compact material	20
LOCK	VOE14740815	81P	Locking device	0.9
RETAINER	VOE14740816	81R	Retainer	
WEAR CAP	VOE14736112	81W	Adapter protector	4.3
TOOL	VOE17473120	11/126T	Tool	3

EC530

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38.2
ADAPTER	VOE14732192	EA66TLW60	Top Leg	37.4
TOOTH	VOE14732401	66GPE	General purpose	16.6
TOOTH	VOE14732402	66ARXE	Abrasive material with extra wear metal	22.5
TOOTH	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24.7
PIN	VOE17473106	66P	Locking device	0.3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3.5
TOOL	VOE17473120	11/126T	Tool	3

EC550

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732191	EA66TLW50	Top Leg	38.2
	VOE14732192	EA66TLW60	Top Leg	37.4
TOOTH	VOE14732401	66GPE	General purpose	16.6
	VOE14732402	66ARXE	Abrasive material with extra wear metal	22.5
	VOE14732403	66PPE	Extremely compact material	15
TOOTH	VOE54099789	66SNE	Levelling, cleaning, grading and backfilling	24.7
PIN	VOE17473106	66P	Locking device	0.3
RETAINER	VOE17493106	66R	Retainer	
CAP	VOE14736111	66W	Wear cap	3.5
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732193	EA81TLW80	Top Leg	45.1
TOOTH	VOE14732404	81GPE	General purpose	23.1
TOOTH	VOE14731779	81ARXE	Abrasive material with extra wear metal	29.5
TOOTH	VOE14732424	81PPE	Extremely compact material	20
LOCK	VOE14740815	81P	Locking device	0.9
RETAINER	VOE14740816	81R	Retainer	
WEAR CAP	VOE14736112	81W	Adapter protector	4.3
TOOL	VOE17473120	11/126T	Tool	3

EC700

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732193	EA81TLW80	Top Leg	45.1
TOOTH	VOE14732404	81GPE	General purpose	23.1
TOOTH	VOE14731779	81ARXE	Abrasive material with extra wear metal	29.5
TOOTH	VOE14732424	81PPE	Extremely compact material	20
LOCK	VOE14740815	81P	Locking device	0.9
RETAINER	VOE14740816	81R	Retainer	
WEAR CAP	VOE14736112	81W	Adapter protector	4.3
TOOL	VOE17473120	11/126T	Tool	3

EC750

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE1473219 3	EA81TLW80	Top Leg	45.1
TOOTH	VOE1473240 4	81GPE	General purpose	23.1
TOOTH	VOE1473177 9	81ARXE	Abrasive material with extra wear metal	29.5
TOOTH	VOE1473242 4	81PPE	Extremely compact material	20
LOCK	VOE1474081 5	81P	Locking device	0.9
RETAINER	VOE1474081 6	81R	Retainer	
WEAR CAP	VOE1473611 2	81W	Adapter protector	4.3
TOOL	VOE147312 0	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE1473237 5	EA126TLW100	Top Leg	73.1
ADAPTER	VOE1473219 4	EA126TLW90	Top Leg	73.4
TOOTH	VOE1473242 5	126ARXE	Abrasive material with extra wear metal	43.2
TOOTH	VOE1475379 4	126PPE	Extremely compacted material	35
WEAR CAP	VOE1473611 3	126W	Adapter protector	6.6
PIN	VOE1474081 7	126P	Locking device	1.4
RETAINER	VOE1474081 8	126R	Retainer	

EC950

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14732375	EA126TLW100	Top Leg	73.1
ADAPTER	VOE14732194	EA126TLW90	Top Leg	73.4
TOOTH	VOE14732425	126ARXE	Abrasive material with extra wear metal	43.2
TOOTH	VOE14753794	126PPE	Extremely compacted material	35
WEAR CAP	VOE14736113	126W	Adapter protector	6.6
PIN	VOE14740817	126P	Locking device	1.4
RETAINER	VOE14740818	126R	Retainer	

Wheeled Excavators

EWR130

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE17491921	EA11TL25	Top Leg	4,8
ADAPTER	VOE14744545	EA11TL30	Top Leg	4,2
TOOTH	VOE14744546	11GPE	General purpose	2,7
<u>TOOTH</u>	<u>VOE54467382</u>	<u>11GPE</u>	<u>General purpose</u>	<u>2,7</u>
TOOTH	VOE14744547	11ARXE	Abrasive material with extra wear metal	3,2
<u>TOOTH</u>	<u>VOE54467383</u>	<u>11ARXE</u>	<u>Abrasive material with extra wear metal</u>	<u>3,3</u>
PIN	VOE17473100	11P	Locking device	0,2
<u>PIN</u>	<u>VOE54467517</u>	<u>11P</u>	<u>Locking device</u>	<u>0,2</u>
RETAINER	VOE17493100	11R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
TOOTH	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
TOOTH	VOE14732378	16PPE	Extremely compact material	3,6
TOOTH	VOE14732379	16TPE	Extremely compact material	4
TOOTH	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	

EWR150

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
	VOE14732378	16PPE	Extremely compact material	3,6
	VOE14732379	16TPE	Extremely compact material	4
	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	

EW160

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
	VOE14732378	16PPE	Extremely compact material	3,6
	VOE14732379	16TPE	Extremely compact material	4
	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
	VOE14732383	21PPE	Extremely compact material	4,9
	VOE14732384	21TPE	Extremely compact material	6,2
	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3

EWR170

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
	VOE14732378	16PPE	Extremely compact material	3,6
	VOE14732379	16TPE	Extremely compact material	4
	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
	VOE14732383	21PPE	Extremely compact material	4,9
	VOE14732384	21TPE	Extremely compact material	6,2
	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3

EW180

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727403	EA16TL30	Top Leg	6,8
TOOTH	VOE14732376	16GPE	General purpose	4,1
	VOE14732377	16ARXE	Abrasive material with extra wear metal	4,7
	VOE14732378	16PPE	Extremely compact material	3,6
	VOE14732379	16TPE	Extremely compact material	4
	VOE14732380	16SNE	Levelling, cleaning, grading and backfilling	4,9
PIN	VOE17473101	16P	Locking device	0,2
RETAINER	VOE17493101	16R	Retainer	
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
	VOE14732383	21PPE	Extremely compact material	4,9
	VOE14732384	21TPE	Extremely compact material	6,2
	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3

EW220

Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727405	EA21TL40	Top Leg	10
TOOTH	VOE14732381	21GPE	General purpose	6
	VOE14732382	21ARXE	Abrasive material with extra wear metal	6,9
	VOE14732383	21PPE	Extremely compact material	4,9
	VOE14732384	21TPE	Extremely compact material	6,2
	VOE14732385	21SNE	Levelling, cleaning, grading and backfilling	8
PIN	VOE17473102	21P	Locking device	0,2
RETAINER	VOE17493102	21R	Retainer	
TOOL	VOE17473120	11/126T	Tool	3
Description	Part No.	Designation	Type/application	Weight (kg)
ADAPTER	VOE14727406	EA31TL40	Top Leg	12,7
TOOTH	VOE14732386	31GPE	General purpose	7,8
	VOE14732387	31ARXE	Abrasive material with extra wear metal	8,9
PIN	VOE17473103	31P	Locking device	0,3
RETAINER	VOE17493103	31R	Retainer	

VTS2 Special Applications Locking Retainer

The VTS2 Special Applications Locking Retainer is an aftermarket solution developed for applications where the standard VTS2 locking system may be exposed to a combination of low material compaction around the tooth fitting area and high impact loads. Under these conditions, the special retainer helps maintain locking performance and reduces the risk of tooth loss.

NOTE! Always consult with the Product Management Department at VOLVO CE before starting to use this type of retainer.

When Should It Be Used?

The standard VTS2 locking system remains the recommended solution for most applications. The Special Applications Locking Retainer should only be used in specific operating conditions where low compaction and high impacts occur simultaneously, such as:

- Muddy applications
- Wet or rainy conditions
- Low-abrasion materials
- Applications with limited packaging around the adapter and tooth
- High-impact operating environments



Important: The Special Applications Locking Retainer is intended for specific applications only and is not required for normal operating conditions. The standard VTS2 locking system remains the preferred solution for most customers and applications.

Benefits

- Optimized for demanding, low-compaction applications
- Helps improve retainer performance in challenging conditions
- Reduces the risk of unplanned tooth loss
- Fully compatible with the current VTS2 locking system
- Easy replacement using standard service procedures
- Available for teeth sizes 41, 56, 66, 81 and 126.

Part Numbers for Special Retainer and corresponding Special Pin

Size	Component	Reference	Standard Part No.	Special Part No.
41	Retainer	41R	17493104	54836776
41	Pin	41P	17473104	54836782
56	Retainer	56R	17493105	54836786
56	Pin	56P	17473105	54836787
66	Retainer	66R	17493106	54837118
66	Pin	66P	17473106	54837124
81	Retainer	81R	14740816	54831349
81	Pin	81P	14740815	54831348
126	Retainer	126R	14740818	54831346
126	Pin	126P	14740817	54831345