








VOLVO CONSTRUCTION EQUIPMENT

VOLVO TOOTH SYSTEM

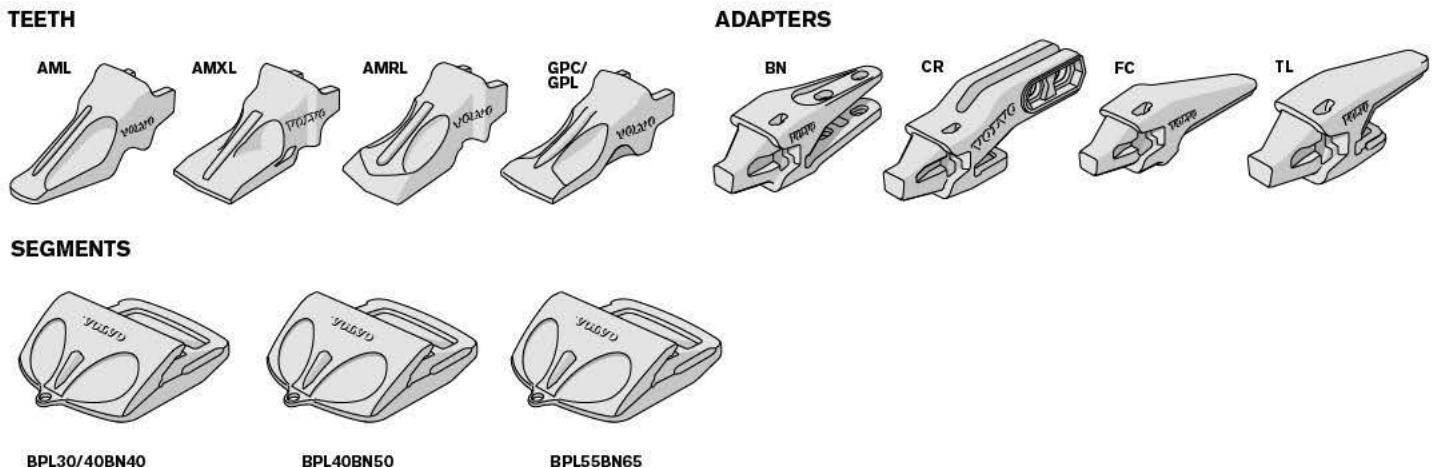
QUICK GUIDE









LOADER BUCKETS

	GENERAL KIND OF TERRAIN				1=Recommended 2=Alternative									Notes	
	Description				Tooth Design					Adapters					
	Type of terrain	Example	Impact Level	Abrasion Level	Model	Size	AML	AMXL	AMRL	GPC/GPL	BN	CR	FC		TL
	Hot slag		Low	High	L110, L120	30	2		1				2	1	Heavy duty application. Use the special pin and retainer
					L150, L180	40	2		1				2	1	
					L220, L250	40	2		1				2	1	
					L330, L350	55	2		1				2	1	
	Abrasive, big rocks	Granite family, blasted material	High	High	L60, L70	10	1			2				1	Heavy duty application
					L90	15	2	1						1	
					L110, L120	20	2		1					1	
					L150, L180	30	2		1					1	
					L220, L250	30			2					2	
					L220, L250	40			1					1	
					L330, L350	55	2		1					1	
					L350	65			1					1	
	Abrasive, medium and small stones	Granite family with no big rocks	Medium	High	L60, L70	10	1			2				1	Heavy duty application
					L90	15	1	1						1	
					L110, L120	20	1		1					1	
					L150, L180	30	1		1					1	
					L220, L250	30			2					2	
					L220, L250	40			1					1	
					L330, L350	55	1		1					1	
					L350	65			1					1	
	Abrasive and loose	Granite family, gravel, crushed stones, sand	Low	High	L40, L50	10				1			1		Take into account the undercut for loading and cleaning
					L60, L70	10	1			2			2	1	
					L90	15	1			2	1		2	1	
					L110, L120	15	2	1			1	1		1	
					L150, L180	20	2		1		1	1		1	
					L220, L250	30	2		1		1	1		1	
					L330, L350	55	2		1					1	
					L350	65			1					1	
	Not abrasive, big stones	Limestone, dolomite, blasted material	High	Low	BL60-BL71	8				1			1		Heavy duty application
					L40, L50	10				1			1		
					L60, L70	10	1			2				1	
					L90	15	1			2				1	
					L110, L120	20	1			2				1	
					L150, L180	30	1			2				1	
					L220, L250	30	1			2				1	
					L330, L350	55	1			2				1	
	Not abrasive, loose. General application. Building, cleaning	General, not abrasive applications, limestone, dolomite gravels	Low	Low	MC60-MC110	5				1			1		Take into account the undercut for loading and cleaning
					L25-L35, BL60-BL71	8				1			1		
					L40, L50, L60, L70	10	2			1	1		1		
					L90	15	2			1	1	1	1	1	
					L110, L120	15	1	2			1	1		1	
					L150, L180	20	2			1	1	1	1	1	
					L220, L250	30	2			1	1	1	1	1	
					L330, L350	55	2			1				1	

PRODUCT RANGE FOR WHEEL LOADER BUCKETS

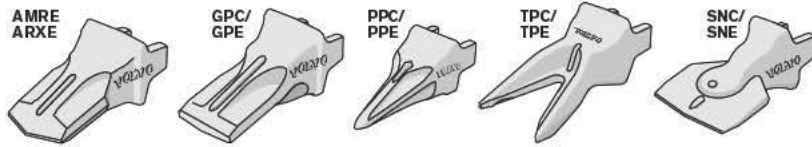


EXCAVATOR BUCKETS

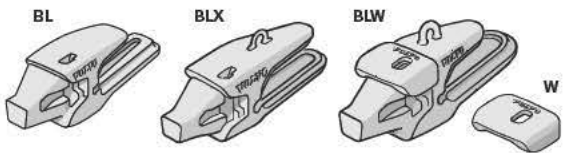
	GENERAL KIND OF TERRAIN				1=Recommended 2=Alternative									Notes	
	Description				Tooth Design					Adapters					
	Type of terrain	Example	Impact Level	Abrasion Level	Model	Size	AMRE ARXE	GPC/ GPE	PPC/ PPE	TPC/ TPE	SNC/ SNE	BL	BLX		BLW
	Hot slag		Low	High	EC210, EW210	30	1						1		Heavy duty application. Use the special pin and retainer
					EC235, ECR235, EC240	40	1							1	
					EC290, EC300	55	1							1	
					EC330-380	65	1							1	
					EC460, EC480	80	1							1	
					EC700	125	1							1	
	Trenching		Low	Low	EC45-ECR88, BL60-BL71	8		2			1	1			
					EC140-180, EW140-180	15		2			1	1			
					EC210, EW1210	20		2			1	1			
					EC235, ECR235, EC240	30		2			1	1			
					EC290, EC300	40		2			1	1			
					EC330-380	55		2			1		1		
					EC460, EC480	65		2			1	1			
	Abrasive, big rocks	Granite family, blasted material	High	High	EC140-180, EW140-180	20	1						1		Heavy duty application
					EC210, EW210	30	1						1		
					EC235, ECR235, EC240	40	1							1	
					EC290, EC300	55	1							1	
					EC330-380	65	1							1	
					EC460, EC480	80	1							1	
	Abrasive, medium and small stones	Granite family with no big rocks	Medium	High	EC140-180, EW140-180	15	1	2				1			Heavy duty application
					EC140-180, EW140-180	20	1					1			
					EC210, EW210	30	1	2				2	1		
					EC235, ECR235, EC240	30	1	2				1			
					EC235, ECR235, EC240	40	1							1	
					EC290, EC300	40	1	2				1			
					EC290, EC300	55	1							1	
					EC330-380	55	1	2					1		
					EC330-380	65	1							1	
					EC460, EC480	65	1	2				1			
					EC460, EC480	80	1							1	
					EC700	80	1	2				1			
					EC700	125	1							1	
	Abrasive and compact	Conglomerate, abrasive old river bed	Low	High	EC140-180, EW140-180	15			1	1		1			Penetration is the most important
					EC210, EW210	20			1	1		1			
					EC235, ECR235, EC240	30			1	1		1			
					EC290, EC300	40			1	1		1			
					EC330-380	55			1	1			1		
					EC460, EC480	65			1	1		1			
					EC700	80			1	1		1			
	Not abrasive, big stones	Limestone, dolomite, blasted material	High	Low	EC140-180, EW140-180	20	1						1		Heavy duty application
					EC210, EW210	30	1						1		
					EC235, ECR235, EC240	40	1							1	
					EC290, EC300	55	1							1	
					EC330-380	65	1							1	
					EC460, EC480	80	1							1	
					EC700	125	1							1	
	Not abrasive, compact	Conglomerate, not abrasive old river bed	Low	Low	EC45-ECR88, BL60-BL71	8			1	1		1			Penetration is the most important
					EC140-180, EW140-180	15			1	1		1			
					EC210, EW210	20			1	1		1			
					EC235, ECR235, EC240	30			1	1		1			
					EC290, EC300	40			1	1		1			
					EC330-380	55			1	1			1		
					EC460, EC480	65			1	1		1			
					EC700	80			1	1		1			
	Not abrasive, loose. General application. Building, cleaning	General, not abrasive applications, limestone, dolomite gravels	Low	Low	EC35-ECR38	5		1				1			
					EC45-ECR88, BL60-BL71	8		1				1			
					EC140-180, EW140-180	15		1				1			
					EC210, EW210	20		1				1			
					EC235, ECR235, EC240	30		1				1			
					EC290, EC300	40		1				1			
					EC330-380	55		1					1		
					EC460, EC480	55		1					1		
					EC460, EC480	65		1				1			
					EC700	80		1				1			

PRODUCT RANGE FOR EXCAVATOR BUCKETS

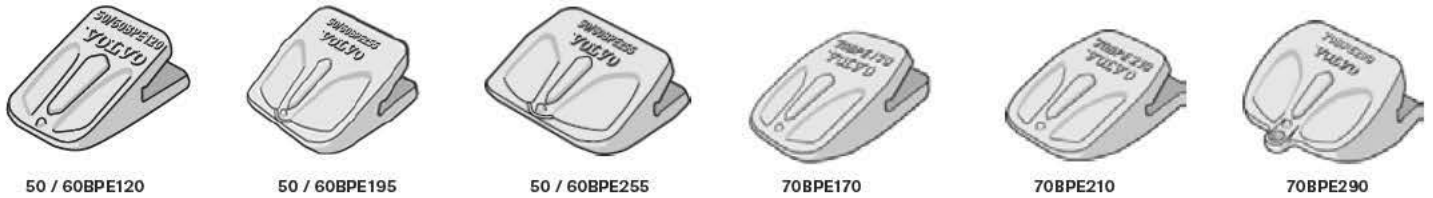
TEETH



ADAPTERS

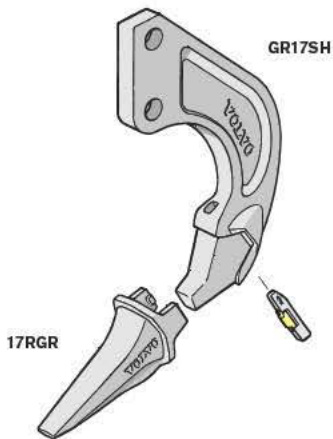


SEGMENTS



PRODUCT RANGE FOR MOTOR GRADER RIPPER

TOOTH AND SHANK



THE POWERFUL TOOTH SYSTEM FROM VOLVO

The bucket's tooth system is exposed to extreme stresses. Volvo Tooth System is a result of our relentless commitment to innovation and development. It has undergone extensive field testing in various types of materials and applications to analyze and ensure high quality and good characteristics.

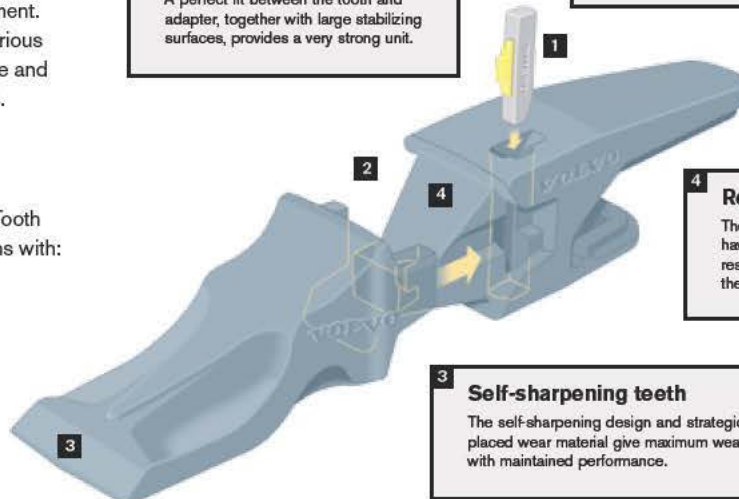
Total operating economy is the key

Design and material selection makes Volvo Tooth System the obvious choice for all applications with:

- Better penetration capability
- Longer service life
- Shorter downtime when changing
- Increased productivity

2 Two parts, one unit
A perfect fit between the tooth and adapter, together with large stabilizing surfaces, provides a very strong unit.

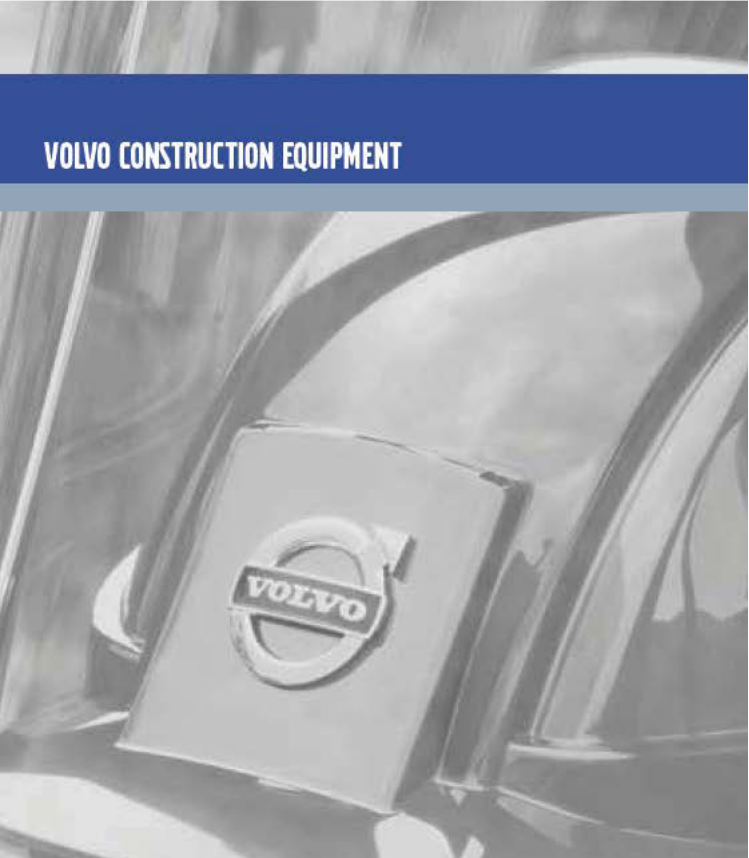
1 Locking device
The vertical locking device makes mounting and removing fast and easy. It is completely integrated in the adapter body for protection and longer service life.



4 Resistant to forces
The edge of the adapters and teeth have an acute angle that gives perfect resistance to frontal forces and reduces the risk of "tooth box" opening.

3 Self-sharpening teeth
The self-sharpening design and strategically placed wear material give maximum wear life with maintained performance.

VOLVO CONSTRUCTION EQUIPMENT



Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo.

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

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VOLVO

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