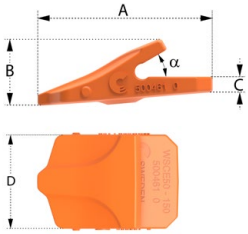
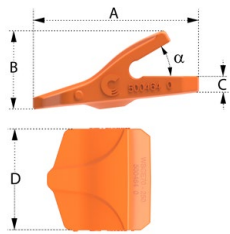




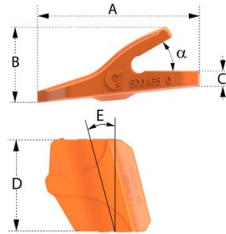
Weld on lip shrouds specifications



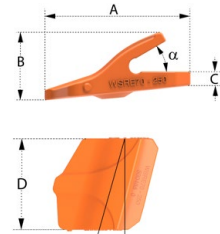
WSCE50 



WSCE70 



WSLE70 



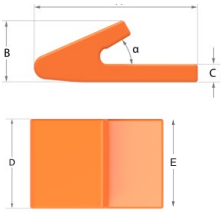
WSRE70 


Type	Part. no			Lip thickness mm	Weight kg	A mm	B mm	C mm	D mm	E °	α °
WSCE50	500461			40-50	7,6	225	85	20	150	0	30
WSCE70	500464			60-70	17,8	255	120	25	250	0	30
WSLE70	500465			60-70	18,5	255	120	25	250	15	30
WSRE70	500466			60-70	18,5	255	120	25	250	15	30

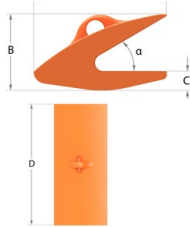
Left and right designation when standing behind the bucket in the excavating direction.



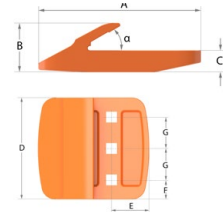
Weld on and bolt on lip shrouds specifications




Weld on shroud 
14204
15204
15205



Weld on shroud 
16204

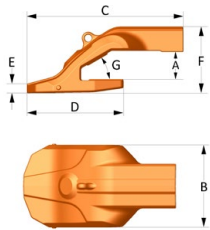


Bolt on shroud 
15206

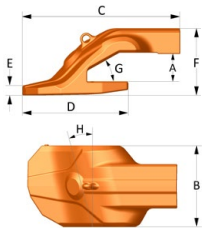
Type	Part. no	 	Plate thickness mm	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm	α °
WoS	14204	 	40-50	16,1	210	75	25	350	260			25
WoS	15204	 	60-75	18,2	210	102	30	180	180			30
WoS	15205	 	60-75	50,3	270	102	30	500	500			30
WoS	16204		75-90	43,0	220	125	34	500				30
Bolt on	15206	 	65	43,5	372	113	50	340	126	65	105	30



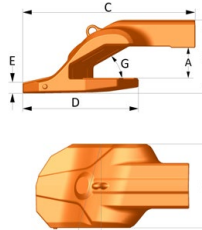
Mechanical lip shrouds specifications 70 mm, 75 mm



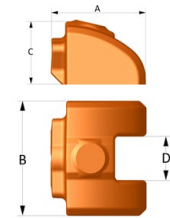
MSCE 



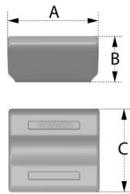
MSLE 



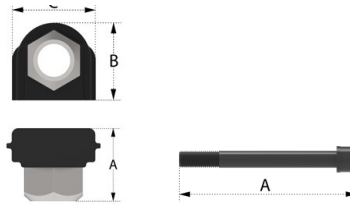
MSRE 
















MSP 



WSR 



SL, Washer, Bolt 

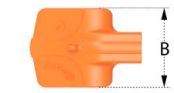
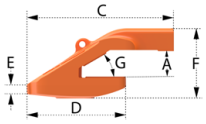
Type	Part. no			Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE70	500401			40,6	72	240	445	275	28	189	30	0
MSLE70	500402			39,8	72	240	445	275	29	189	30	15
MSRE70	500403			39,8	72	240	445	275	29	189	30	15
MSCE75	500404			39,4	77	240	445	275	28	189	30	0
MSLE75	500405			38,7	77	240	445	275	29	189	30	15
MSRE75	500406			38,7	77	240	445	275	29	189	30	15
MSP75	500423			4,1	108	130	72	49				
WSR75	500417			2,5	95	53	90					
SL	500302			0,3	48	54	58					
Washer	500355											
Bolt *	500354			0,9	254	230						

* Use a 19 mm allen key to mount and dismount the bolt.

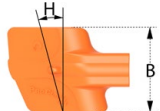
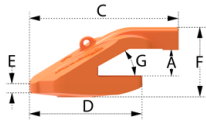
Left and right designation when standing behind the bucket in the excavating direction.



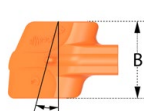
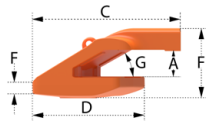
Mechanical Lip Shrouds specifications 75 mm



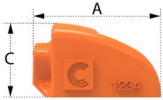
MSCL 



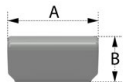
MSL 



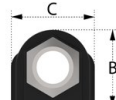
MSRL 













MSP 



WSR 



SL, Washer, Bolt 

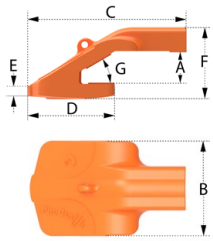
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCL	800401		116,7	78	370	527	354	34	238	30	0
MSLL	800402		118,4	78	370	532	354	34	238	30	15
MSRL	800403		118,4	78	370	532	354	34	238	30	15
MSP	700424		7,0	140	148	82	54				
WSR	700413		3,3	110	60	105					
SL	700303		0,5	51	60	68					
Washer	700330										
Bolt *	700350		1,3	260							

* Use a 19 mm allen key to mount and dismount the bolt.

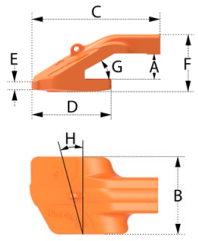
Left and right designation when standing behind the bucket in the excavating direction.



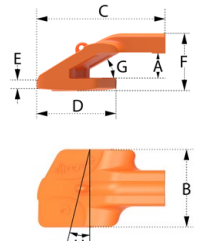
Mechanical Lip Shrouds specifications 90 mm



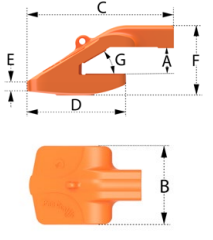
MSCE 



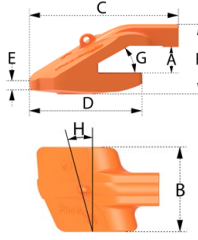
MSLE 



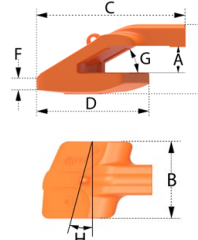
MSRE 



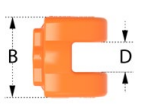
MSCL 



MSLL 



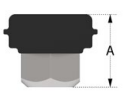
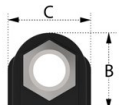
MSRL 





















MSP 



WSR 



SL, Washer, Bolt 

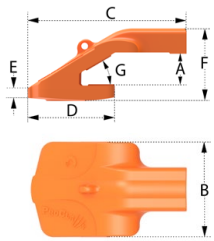
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE	700404		81.4	93	320	506	288	32	228	30	0
MSLE	700405		81,3	93	320	507	288	32	228	30	15
MSRE	700406		81,3	93	320	507	288	32	228	30	15
MSCL	800404		116.5	93	370	527	354	34	253	30	0
MSLL	800405		116,0	93	370	532	354	34	253	30	15
MSRL	800406		116,0	93	370	532	354	34	253	30	15
MSP	700424	 	7,0	140	148	82	54				
WSR	700413	 	3,3	110	60	105					
SL	700303	 	0,5	51	60	68					
Washer	700330	 									
Bolt *	700350	 	1.3	260							

* Use a 19 mm allen key to mount and dismount the bolt.

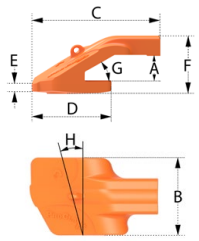
Left and right designation when standing behind the bucket in the excavating direction.



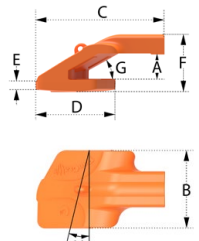
Mechanical Lip Shrouds specifications 100 mm



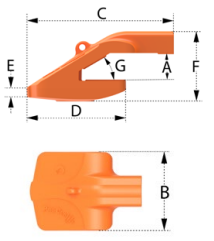
MSCE 



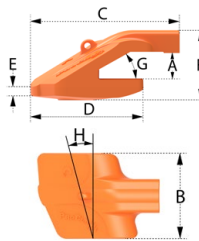
MSLE 



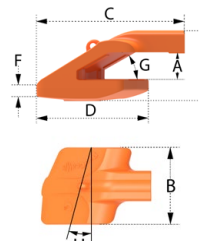
MSRE 



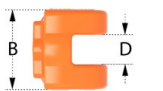
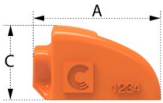
MSCL 



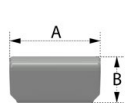
MSLL 



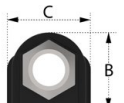
MSRL 



MSP  





















WSR  



SL, Washer, Bolt  



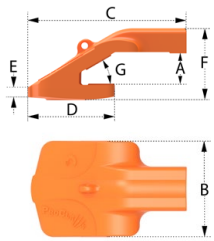
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE	700407		108,0	103	350	565	322	36	256	30	0
MSLE	700408		107,5	103	350	571	323	36	256	30	15
MSRE	700409		107,5	103	350	571	323	36	256	30	15
MSCL	800407		168,0	103	420	596	402	38	283	30	0
MSLL	800408		167,1	103	420	604	402	38	283	30	15
MSRL	800409		167,1	103	420	604	402	38	283	30	15
MSP	700425	 	9,9	158	166	92	60				
WSR	700414	 	4,8	124	67	120					
SL	700304	 	0,6	56	66	72					
Washer	700331	 									
Bolt *	700351	 	1,8		290						

* Use a 22 mm allen key to mount and dismount the bolt.

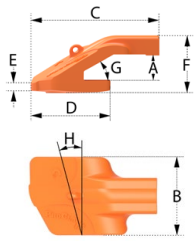
Left and right designation when standing behind the bucket in the excavating direction.



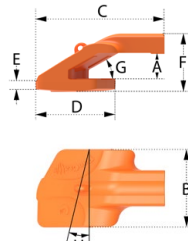
Mechanical Lip Shrouds specifications 120 mm



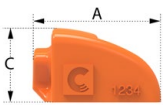
MSCE 



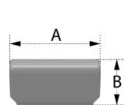
MSLE 



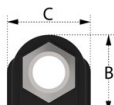
MSRE 



MSP 













WSR 



SL, Washer, Bolt 



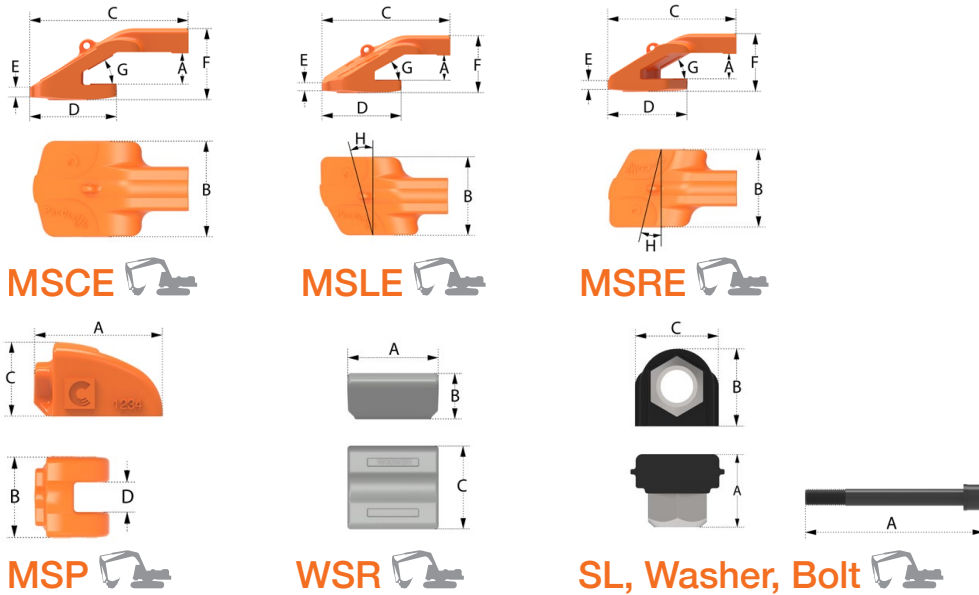
Type	Part. no		Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE	700410		149,0	123	395	645	355	39	292	30	0
MSLE	700411		150.0	123	395	651	355	39	292	30	15
MSRE	700412		150.0	123	395	651	355	39	292	30	15
MSCE	700440		133.5	123	335	645	355	39	292	30	0
MSP	700426		13,0	174	183	102	66				
WSR	700415		7.0	146	74	133					
SL	700304		0.6	56	66	72					
Washer	700331										
Bolt *	700352		2.0		320						











* Use a 22 mm allen key to mount and dismount the bolt.

Left and right designation when standing behind the bucket in the excavating direction.



Mechanical Lip Shrouds specifications 140 mm



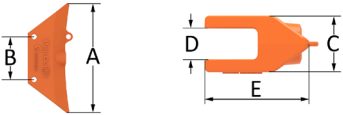
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE	700443		188,3	142	420	702	380	43	328	30	0
MSLE	700444		189,0	142	420	706	380	43	327	30	11,5
MSRE	700445		189,0	142	420	706	380	43	327	30	11,5
MSP	700427		18,4	192	202	112	74				
WSR	700416		9,6	163	81	146					
SL	700304		0,6	56	66	72					
Washer	700331										
Bolt *	700353		2,7		340						

* Use a 22 mm allen key to mount and dismount the bolt.

Left and right designation when standing behind the bucket in the excavating direction.



Side and Heel Shrouds specifications



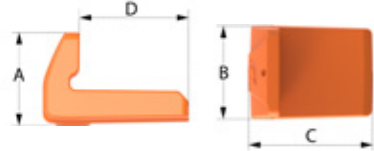
700601-700603

SSM Side shroud  

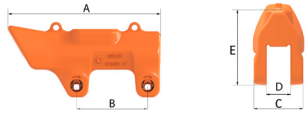


700320-700321, 700360-700361

Pin and ring  



WHS Heel shroud  



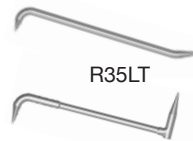
500603-500608

SSM Side shroud  



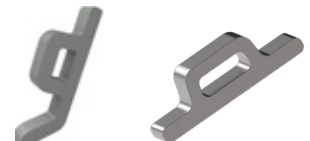
500323-500326

LP  



R50LT, R70LT

























LT  



500662

500663-664

Weld on base  

Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G ø mm
SSM *1	700602	 	50.0	28.6	500	190	98	52	98	
SSM *2	700601	 	63.5	40.2	564	220	115	65	215	
SSM *2	700603	 	60.0	41.2	564	220	115	63	215	
Pin	700321	 	50.0							
Pin	700320	 	60.0/63.5							
Ring	700360	 	50.0							
Ring	700361	 	60.0/63.5							
SSM35 *3	500605		23,9	460	200	112	36,5	187		
SSM40 *3	500606		23,0	460	200	112	41,5	187		
SSM50 *4	500607		45,9	570	245	142	51,5	235		
SSM60 *4	500608		43,8	570	245	142	61,5	235		
SSM80 *5	500603		112,0	666	310	192	82	312		
SSM90 *5	500604		110,0	666	310	192	92	312		
Pin	500323		35/40							
Pin	500324		50/60							
Pin	500326		80/90							
Weld on base	500663		35/40							
Weld on base	500664		50/60							
Weld on base	500662		80/90							
WHS	700651	 	15.2	130	180	210	160			
WHS	700652	 	20.0	150	180	240	180			
WHS	700653	 	37.0	199	250	300	236			
WHS	700655	 	73.5	240	262	345	250			

*1 used together with 700321 and 700360.

*2 used together with 700320 and 700361.

*3 used together with 500323, 500663 and R35LT.

*4 used together with 500324, 500664 and R50LT.

*5 used together with 500326, 500662 and R70LT.





Shrouds description

LIP SHROUD

MSC	MSL	MSR	MSP
Mechanical lip shroud Center for straight edges and for use in combination with MSL & MSR on spade nose buckets. Provides full lip protection between adapters in abrasive applications.	Mechanical lip shroud Left* 15° angle for delta and spade nose buckets. * Left from excavating direction.	Mechanical lip shroud Right* 15° angle for delta and spade nose buckets. * Right from excavating direction.	Mechanical shroud protector designed to protect the locking device and the backside of the shrouds.

RAIL	LOCKING PARTS	SIDE SHROUD	PIN AND RING
WSR Welded on shroud rail holds the lip shrouds in secure position.	SHROUD LOCK, BOLT AND WASHER Self tightening lock, bolt and washer for the mechanical shroud.	SSM Mechanical side shroud is used to protect the bucket side plates and fastened with pin and ring.	PIN AND RING Locking pin and ring for the side shroud.

HEEL SHROUD	WELD-ON LIP SHROUD		
WHS Welded on heel shroud provides excellent wear protection of the lower outside corner of all types of buckets.	WSCE Weld-on lip shroud, Center. Fits 40-70mm straight cutting edges.	WSLE Weld-on lip shroud Left*. Fits 60-70mm cutting edges with 15° angle. *Left from excavating direction.	WSRE Weld-on lip shroud Right*. Fits 60-70mm cutting edges with 15° angle. *Right from excavating direction.

WELD ON BASE
WOB Welded on protection of lip shroud pins, welded both on inside and outside.