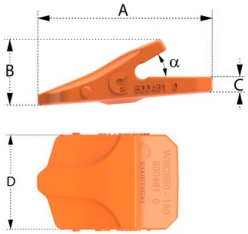
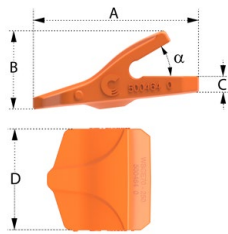


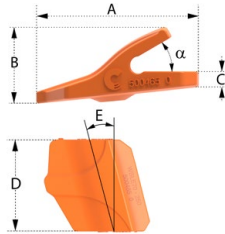
WELD ON LIP SHROUDS SPECIFICATIONS



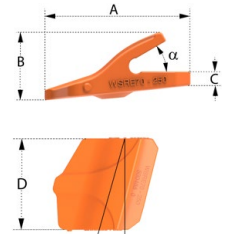
WSCE50 



WSCE70 



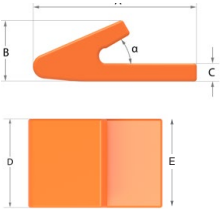
WSLE70 




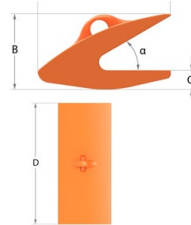
WSRE70 

Type	Part. no			Lip thickness mm	Weight kg	A mm	B mm	C mm	D mm	E °	α °
WSCE50	500461			40-50	8	225	85	20	150	0	30
WSCE70	500464			60-70	18,5	255	120	25	250	0	30
WSLE70	500465			60-70	18,9	255	120	25	250	15	30
WSRE70	500466			60-70	18,9	255	120	25	250	15	30

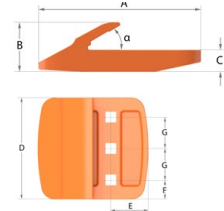
WELD ON AND BOLT ON LIP SHROUDS SPECIFICATIONS





Weld on shroud 
14204
15204
15205



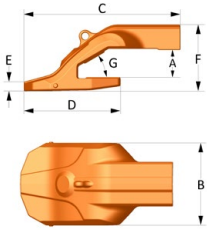
Weld on shroud 
16204



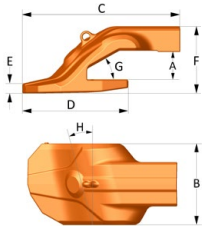
Bolt on shroud 
15206

Type	Part. no	 	Plate thickness mm	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H °
WoS	14204	 	40-50	15.2	210	75	25	350	260			25
WoS	15204	 	60-75	18	210	102	30	180	180			30
WoS	15205	 	60-75	50.8	270	102	30	500	500			30
WoS	16204		75-90	43	220	125	34	500				30
Bolt on	15206	 	65	44	372	113	50	340				30

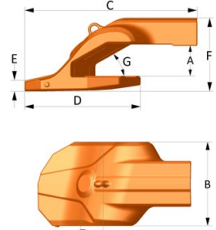
MECHANICAL LIP SHROUDS SPECIFICATIONS 70 mm, 75 mm



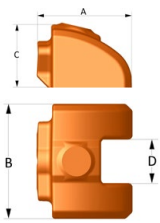
MSCE 



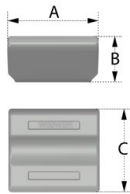
MSLE 



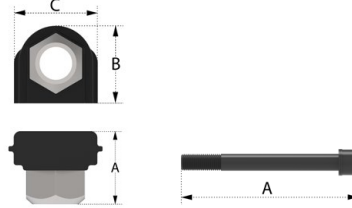
MSRE 



























MSP 



WSR 

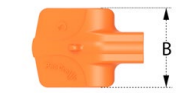
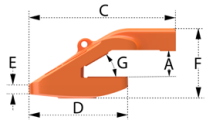


SL, Washer, Bolt 

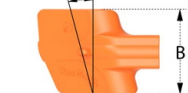
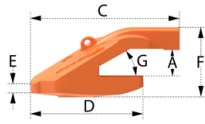
Type	Part. no			Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE70	500401			40,0	72	240	445	275	28	189	30	0
MSLE70	500402			39,0	72	240	445	275	29	189	30	15
MSRE70	500403			39,0	72	240	445	275	29	189	30	15
MSCE75	500404			40,0	77	240	425	275	28	189	30	0
MSLE75	500405			39,0	77	240	425	275	29	189	30	15
MSRE75	500406			39,0	77	240	425	275	29	189	30	15
MSP75	500423			4,2	108	130	72	49				
WSR75	500417			2,2	95	53	90					
SL	500302			0,3	48	54	58					
Washer	500355											
Bolt *	500354			0,9	254							

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

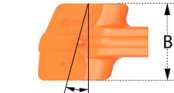
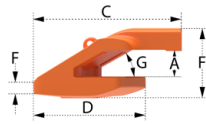
MECHANICAL LIP SHROUDS SPECIFICATIONS 75 mm



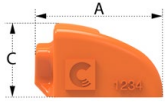
MSCL 



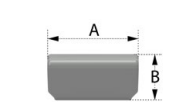
MSLL 



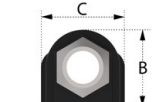
MSRL 













MSP 



WSR 

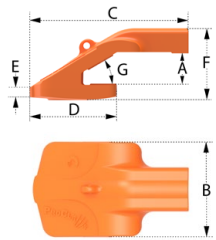


SL, Washer, Bolt 

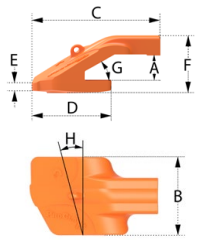
Type	Part. no	 	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCL	800401		121.2	77	370	527	354	34	238	30	0
MSLL	800402		121.2	77	370	527	354	34	238	30	15
MSRL	800403		121.2	77	370	527	354	34	238	30	15
MSP	700424		6.5	140	148	82	54				
WSR	700413		3.3	110	60	105					
SL	700303		0.4	51	60	68					
Washer	700330										
Bolt *	700350		1.3	260							

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

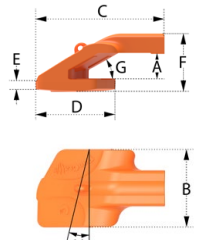
MECHANICAL LIP SHROUDS SPECIFICATIONS 90 mm



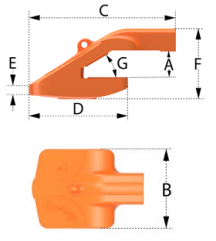
MSCE



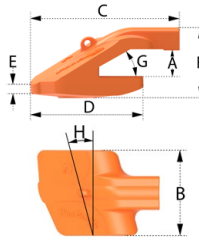
MSLE



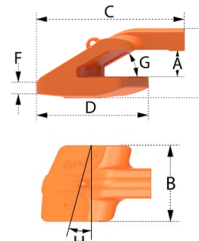
MSRE



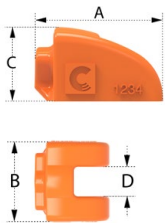
MSCL



MSLL



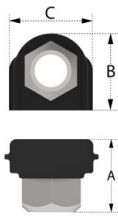
MSRL



MSP



WSR

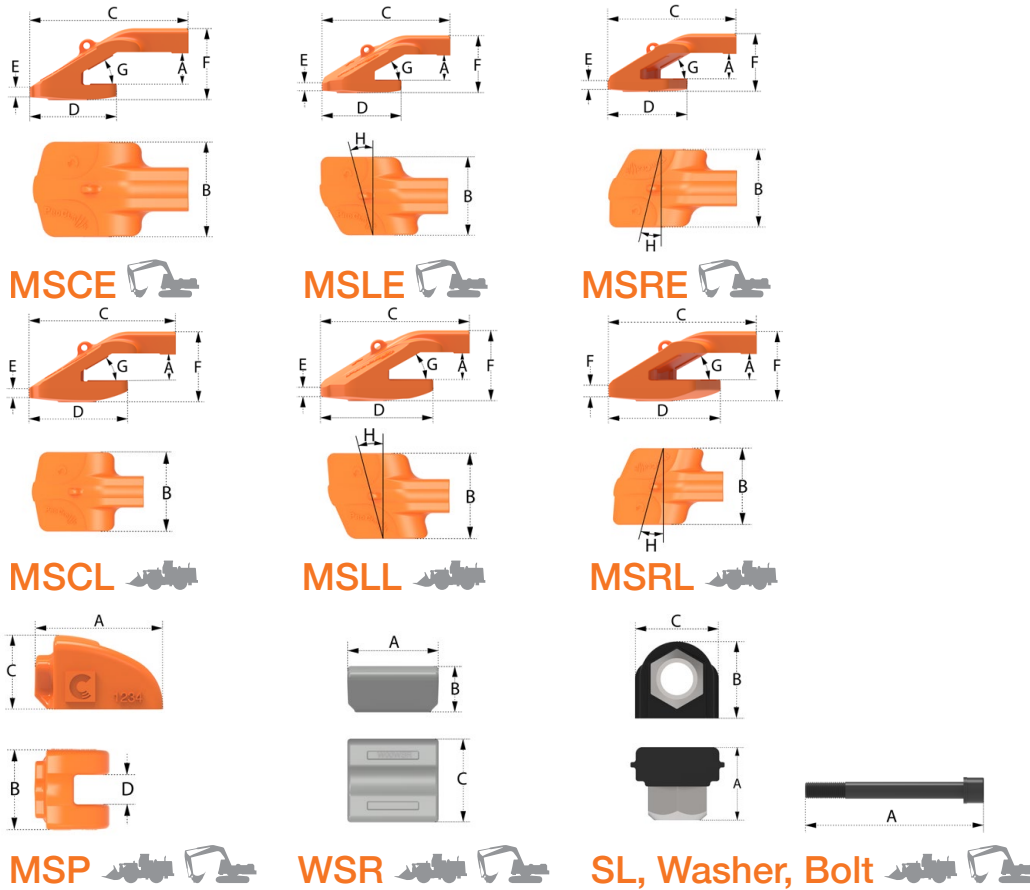














SL, Washer, Bolt

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			81.4	93	320	511	288	32	228	30	15
MSRE	700406			81.4	93	320	511	288	32	228	30	15
MSCL	800404			116.5	93	370	527	354	34	253	30	0
MSLL	800405			116.5	93	370	532	354	34	253	30	15
MSRL	800406			116.5	93	370	532	354	34	253	30	15
MSP	700424			6.5	140	148	82	54				
WSR	700413			3.3	110	60	105					
SL	700303			0.4	51	60	68					
Washer	700330											
Bolt *	700350			1.3	260							

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

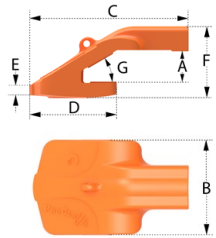
MECHANICAL LIP SHROUDS SPECIFICATIONS 100 mm



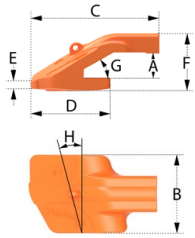
Type	Part. no		Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE	700407		108.0	103	350	565	323	36	256	30	0
MSLE	700408		108.0	103	350	571	323	36	256	30	15
MSRE	700409		108.0	103	350	571	323	36	256	30	15
MSCL	800407		168.0	103	420	596	402	38	283	30	0
MSLL	800408		168.0	103	420	604	402	38	283	30	15
MSRL	800409		168.0	103	420	604	402	38	283	30	15
MSP	700425		9.2	158	166	92	60				
WSR	700414		4.8	124	67	120					
SL	700304		0.4	56	66	72					
Washer	700331										
Bolt *	700351		1.8	290							

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

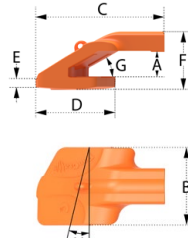
MECHANICAL LIP SHROUDS SPECIFICATIONS 120 mm



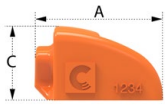
MSCE 



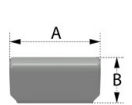
MSLE 



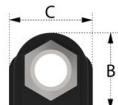
MSRE 













MSP 



WSR 

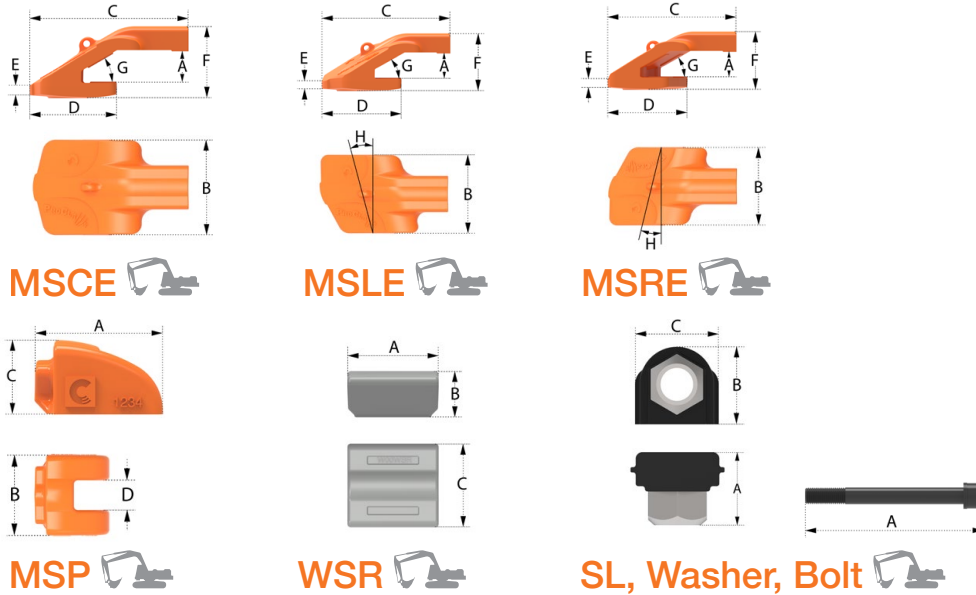












SL, Washer, Bolt 

Type	Part. no		Weight kg	A mm	B mm	C mm	D mm	E mm	F mm	G °	H °
MSCE	700410		150.0	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		13.4	174	183	102	66				
WSR	700414		7.0	146	74	133					
SL	700304		0.4	56	66	72					
Washer	700331										
Bolt *	700352		2.0	320							

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

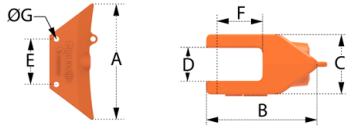
MECHANICAL LIP SHROUDS SPECIFICATIONS 140 mm



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	142	420	706	380	43	328	30	11,5
MSRE	700445		189	142	420	706	380	43	328	30	11,5
MSP	700427		18,4	192	202	112	74				
WSR	700416		9,6	163	81	146					
SL	700304		0,4	56	66	72					
Washer	700331										
Bolt *	700353		2,7	340							

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

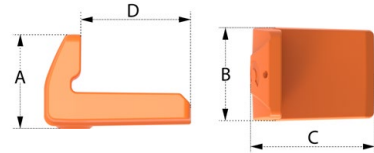
SIDE AND HEEL SHROUDS SPECIFICATIONS



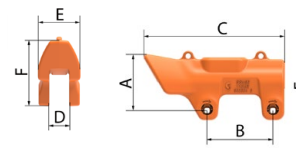
SSM Side shroud 



Pin and ring 



WHS Heel shroud 



SSM Side shroud 



























LP 



LT 



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	190	189	500	52	98	95
SSM *2	700601			63.5	40.2	220	215	564	65	115	109
SSM *2	700603			60.0	41.2	220	215	564	63	115	109
Pin	700321			50.0							
Pin	700320			60.0/63.5							
Ring	700360			50.0							
Ring	700361			60.0/63.5							
SSM35 *3	500605			25	200	187	460	36,5	112	105	
SSM40 *3	500606			24	200	187	460	41,5	112	105	
SSM50 *4	500607			45,9	82	245	570	51,5	142	204	
SSM60 *4	500608			43,8	82	245	570	61,5	142	204	
SSM80 *5	500603			112	101	310	666	82	192	287	
SSM90 *5	500604			110	101	310	666	92	192	287	
Pin	500323			35/40							
Pin	500324			50/60							
Pin	500326			90							
Weld on base	500663			35/40							
Weld on base	500664			50/60							
Weld on base	500662			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 EXCAVATOR

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.