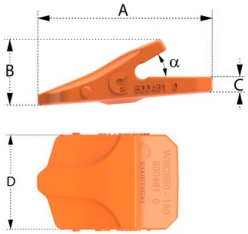
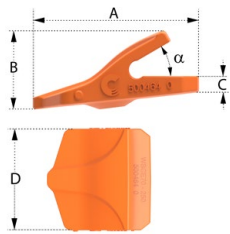


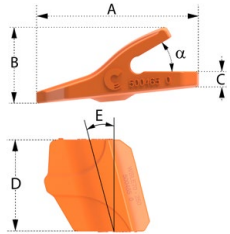
WELD ON LIP SHROUDS SPECIFICATIONS



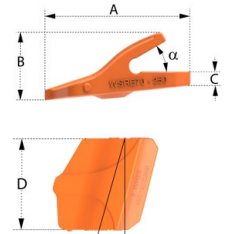
WSCE50 



WSCE70 



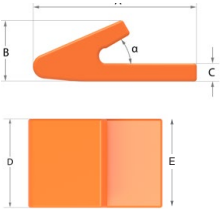
WSLE70 




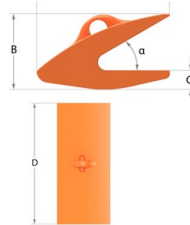
WSRE70 

Type	Part. no			Lip thickness inch	Weight lb	A inch	B inch	C inch	D inch	E °	α °
WSCE50	500461			1,58 - 1,97	17,6	8,86	3,35	0,79	5,9	0	30
WSCE70	500464			2,36 - 2,75	40,7	10,04	4,72	0,98	9,84	0	30
WSLE70	500465			2,36 - 2,75	41,6	10,04	4,72	0,98	9,84	15	30
WSRE70	500466			2,36 - 2,75	41,6	10,04	4,72	0,98	9,84	15	30

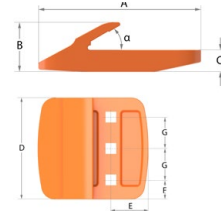
WELD ON AND BOLT ON LIP SHROUDS SPECIFICATIONS



Weld on shroud 
14204
15204
15205



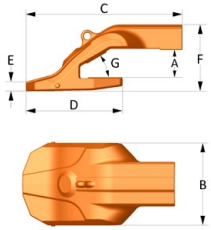
Weld on shroud 
16204



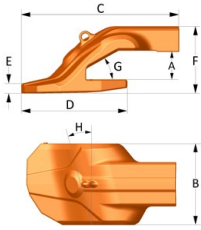
Bolt on shroud 
15206

Type	Part. no	 	Plate thickness inch	Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G inch	H °
WoS	14204	 	1,57 - 1,97	33,4	8,27	2,95	0,98	13,78	10,24			25
WoS	15204	 	2,36 - 2,95	39,6	8,27	4,02	1,18	7,09	7,09			30
WoS	15205	 	2,36 - 2,95	111,8	10,63	4,02	1,18	19,68	19,68			30
WoS	16204		2,95 - 3,54	94,6	8,66	4,92	1,34	19,68				30
Bolt on	15206	 	2,56	96,8	14,65	4,45	1,97	13,39	4,96	2,56	4,13	30

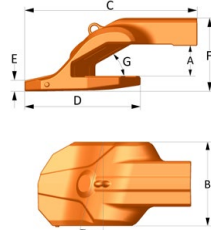
MECHANICAL LIP SHROUDS SPECIFICATIONS 2,76 inch, 2,95 inch



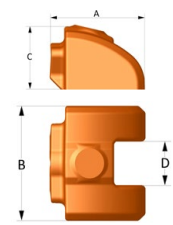
MSCE 



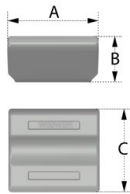
MSLE 



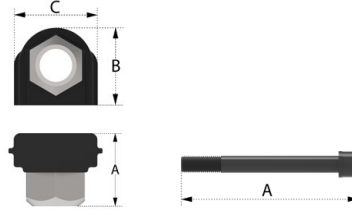
MSRE 



























MSP 



WSR 

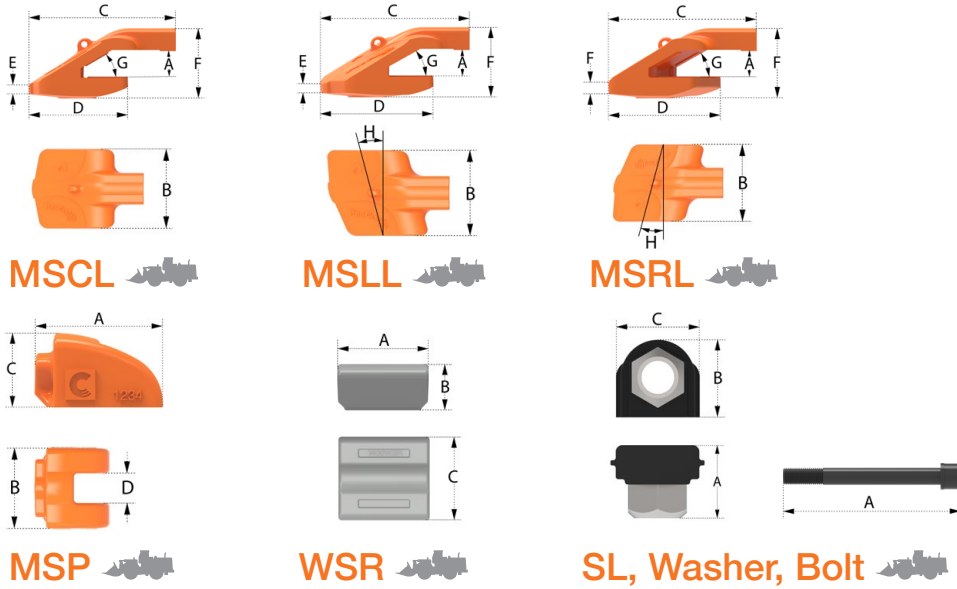












SL, Washer, Bolt 

Type	Part. no			Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G °	H °
MSCE70	500401			88	2,84	9,45	17,52	10,83	1,1	7,44	30	0
MSLE70	500402			85,8	2,84	9,45	17,52	10,83	1,14	7,44	30	15
MSRE70	500403			85,8	2,84	9,45	17,52	10,83	1,14	7,44	30	15
MSCE75	500404			88	3,03	9,45	16,73	10,83	1,1	7,44	30	0
MSLE75	500405			85,8	3,03	9,45	16,73	10,83	1,14	7,44	30	15
MSRE75	500406			85,8	3,03	9,45	16,73	10,83	1,14	7,44	30	15
MSP75	500423			9,2	4,25	5,12	2,84	1,93				
WSR75	500417			4,8	3,74	2,09	3,54					
SL	500302			0,7	1,89	2,13	2,28					
Washer	500355											
Bolt *	500354			2	10							

* Use a 0,75 inch allen key to mount and dismount the bolt.

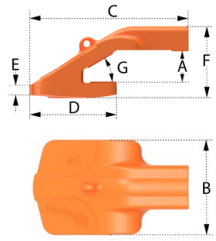
MECHANICAL LIP SHROUDS SPECIFICATIONS 3 inch



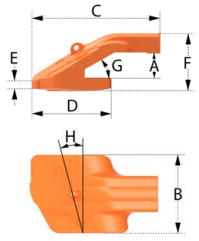
Type	Part. no	 	Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G °	H °
MSCL	800401		266,9	3,03	14,57	20,75	13,94	1,34	9,37	30	0
MSLL	800402		266,9	3,03	14,57	20,94	13,94	1,34	9,37	30	15
MSRL	800403		266,9	3,03	14,57	20,94	13,94	1,34	9,37	30	15
MSP	700424		14,3	5,51	5,83	2,13	2,13				
WSR	700413		7,3	4,33	2,36	4,13					
SL	700303		0,9	2,01	2,36	2,68					
Washer	700330										
Bolt *	700350		2,9	10,24							

* Use a 0,75 inch allen key to mount and dismount the bolt.

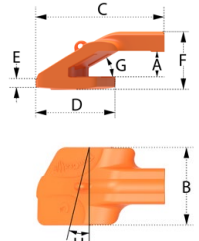
MECHANICAL LIP SHROUDS SPECIFICATIONS 3,5 inch



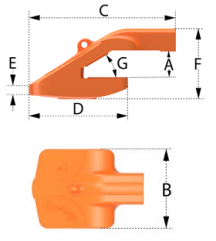
MSCE 



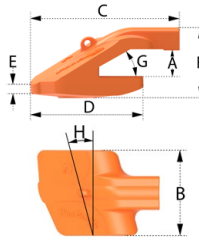
MSLE 



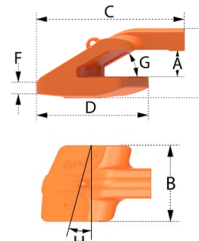
MSRE 



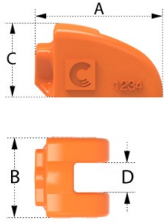
MSCL 



MSLL 



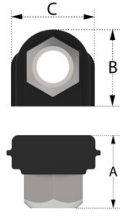
MSRL 

















MSP 



WSR 

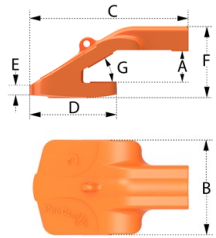


SL, Washer, Bolt 

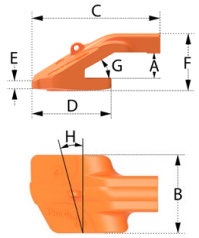
Type	Part. no	 	Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G °	H °
MSCE	700404		176,2	3,62	12,6	19,92	11,34	1,26	8,98	30	0
MSLE	700405		176,2	3,62	12,6	20,12	11,34	1,26	8,98	30	15
MSRE	700406		176,2	3,62	12,6	20,12	11,34	1,26	8,98	30	15
MSCL	800404		261	3,62	14,57	20,75	13,94	1,34	9,96	30	0
MSLL	800405		261	3,62	14,57	20,94	13,94	1,34	9,96	30	15
MSRL	800406		261	3,62	14,57	20,94	13,94	1,34	9,96	30	15
MSP	700424	 	14,3	5,51	5,83	3,23	2,13				
WSR	700413	 	7,3	4,33	2,36	4,13					
SL	700303	 	0,9	2,01	2,36	2,68					
Washer	700330	 									
Bolt *	700350	 	2,9	10,24							

* Use a 0,75 inch allen key to mount and dismount the bolt.

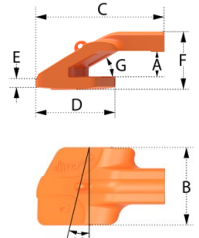
MECHANICAL LIP SHROUDS SPECIFICATIONS 3,94 inch



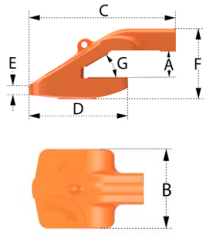
MSCE



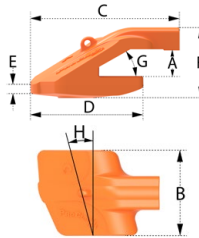
MSLE



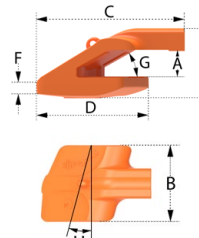
MSRE



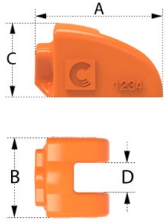
MSCL



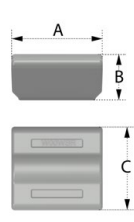
MSLL



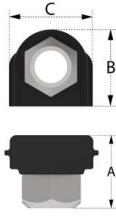
MSRL



MSP



WSR

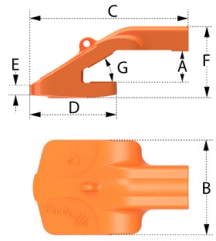


SL, Washer, Bolt

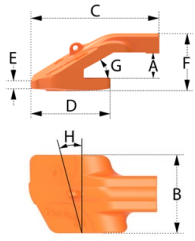
Type	Part. no			Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G °	H °
MSCE	700407			237,6	4,06	13,78	22,24	12,72	1,42	10,08	30	0
MSLE	700408			237,6	4,06	13,78	22,48	12,72	1,42	10,08	30	15
MSRE	700409			237,6	4,06	13,78	22,48	12,72	1,42	10,08	30	15
MSCL	800407			369,6	4,06	16,54	23,46	15,83	1,5	11,14	30	0
MSLL	800408			369,6	4,06	16,54	23,78	15,83	1,5	11,14	30	15
MSRL	800409			369,6	4,06	16,54	23,78	15,83	1,5	11,14	30	15
MSP	700425			20,2	6,22	6,54	3,62	2,36				
WSR	700414			10,6	4,88	2,64	4,72					
SL	700304			0,9	2,2	2,6	2,84					
Washer	700331											
Bolt *	700351			4	11,42							

* Use a 0,87 inch allen key to mount and dismount the bolt.

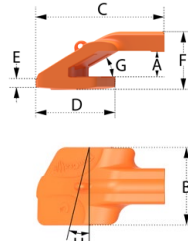
MECHANICAL LIP SHROUDS SPECIFICATIONS 4,72 inch



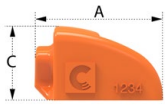
MSCE 



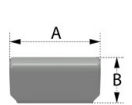
MSLE 



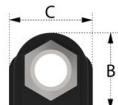
MSRE 



MSP 













WSR 



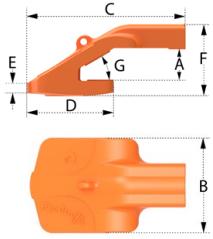
SL, Washer, Bolt 



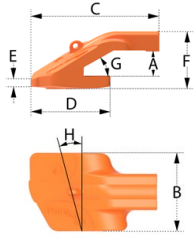
Type	Part. no		Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G °	H °
MSCE	700410		330	4,84	15,55	25,39	13,98	1,54	11,5	30	0
MSLE	700411		330	4,84	15,55	25,63	13,98	1,54	11,5	30	15
MSRE	700412		330	4,84	15,55	25,63	13,98	1,54	11,5	30	15
MSCE	700440		293,7	4,84	13,19	25,39	13,98	1,54	11,5	30	0
MSP	700426		29,48	6,85	7,2	4,02	2,6				
WSR	700414		15,4	5,75	2,91	5,24					
SL	700304		0,9	2,2	2,6	2,84					
Washer	700331										
Bolt *	700352		4,4	12,6							

* Use a 0,87 inch allen key to mount and dismount the bolt.

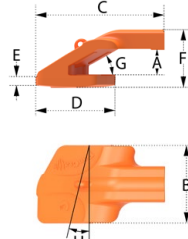
MECHANICAL LIP SHROUDS SPECIFICATIONS 5,51 inch



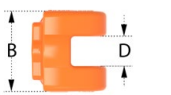
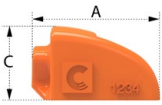
MSCE 



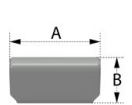
MSLE 



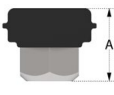
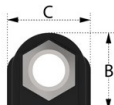
MSRE 



MSP 













WSR 



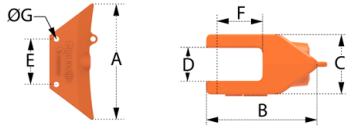
SL, Washer, Bolt 



Type	Part. no	 	Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G °	H °
MSCE	700443		414,3	5,59	16,54	27,64	14,96	1,69	12,9	30	0
MSLE	700444		415,8	5,59	16,54	27,8	14,96	1,69	12,9	30	11,5
MSRE	700445		415,8	5,59	16,54	27,8	14,96	1,69	12,9	30	11,5
MSP	700427		40,5	7,56	7,95	4,4	2,91				
WSR	700416		21,1	6,42	3,19	5,75					
SL	700304		0,9	2,2	2,6	2,84					
Washer	700331										
Bolt *	700353		5,9	13,4							

* Use a 0,87 inch allen key to mount and dismount the bolt.

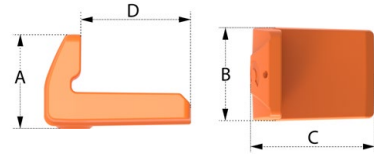
SIDE AND HEEL SHROUDS SPECIFICATIONS



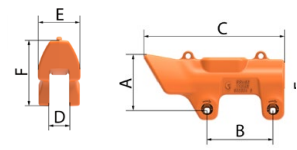
SSM Side shroud 



Pin and ring 



WHS Heel shroud 



SSM Side shroud 



























LP 



LT 



Weld on base 

Type	Part. no			Side plate inch	Weight lb	A inch	B inch	C inch	D inch	E inch	F inch	G ø inch
SSM *1	700602			1,97	62,9	19,68	7,44	3,86	2,05	7,48	2,52	0,9
SSM *2	700601			2,5	88,4	22,2	8,46	4,53	2,56	8,66	2,95	1,06
SSM *2	700603			2,36	90,6	22,2	8,46	4,53	2,48	8,66	2,95	1,06
Pin	700321			1,97								
Pin	700320			2,36/2,5								
Ring	700360			1,97								
Ring	700361			2,36/2,5								
SSM35 *3	500605			1,38	55	7,87	7,36	18,11	1,44	4,41	4,13	
SSM40 *3	500606			1,57	52,8	7,87	7,36	18,11	1,63	4,41	4,13	
SSM50 *4	500607			1,97	103,4	9,65	9,25	22,44	2,03	5,59	4,72	
SSM60 *4	500608			2,36	99	9,65	9,25	22,44	2,42	5,59	4,72	
SSM80 *5	500603			3,15	246,4	12,2	12,28	26,22	3,23	7,56	5,79	
SSM90 *5	500604			3,54	246,4	12,2	12,28	26,22	3,62	7,56	5,79	
Pin	500323			1,38/1,57								
Pin	500324			1,97/2,36								
Pin	500326			3,15/3,54								
Weld on base	500663			1,38/1,57								
Weld on base	500664			1,97/2,36								
Weld on base	500662			3,15/3,54								
WHS	700651				33,4	5,12	7,09	8,27	6,3			
WHS	700652				44	5,9	7,09	9,45	7,09			
WHS	700653				81,4	7,84	9,84	11,81	9,29			
WHS	700655				161,7	9,45	10,32	13,58	9,84			

*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 1,57-2,76 inch straight cutting edges.	WSLE Weld-on lip shroud Left*. Fits 2,36-2,76 inch cutting edges with 15° angle. *Left from excavating direction.	WSRE Weld-on lip shroud Right*. Fits 2,36-2,76 inch 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.