

# Excalibur

## 19" Step

Big Brake Caliper											
High Disk 114.3 / red/ff only											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip
19x8	5	-8	-20								
19x8.5	11	-1	-14	-27							
19x9	18	5	-8	-20	-33						
19x9.5	24	11	-1	-14	-27	-39					
19x10	30	18	5	-8	-20	-33	-46				
19x10.5	36	24	11	-1	-14	-27	-39	-52			
19x11	43	30	18	5	-8	-20	-33	-46	-59		
19x11.5	36	24	11	-1	-14	-27	-39	-52	-65		
19x12		30	18	5	-8	-20	-33	-46	-59	-71	
19x12.5			24	11	-1	-14	-27	-39	-52	-65	
19x13				18	5	-8	-20	-33	-46	-59	

Small Brake Caliper											
Medium/Low Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip
19x8	30	17	5								
19x8.5	36	24	9	-2							
19x9	43	30	17	5	-8						
19x9.5	49	36	24	9	-2	-14					
19x10	55	43	30	17	5	-8	-21				
19x10.5	62	49	36	24	9	-2	-14	-27			
19x11	68	55	43	30	17	5	-8	-21	-34		
19x11.5	75	62	49	36	24	9	-2	-14	-27	-40	
19x12		68	55	43	30	17	5	-8	-21	-34	-46
19x12.5			49	36	24	9	-2	-14	-27	-40	
19x13				43	30	17	5	-8	-21	-34	

Normal Brake Caliper											
Medium Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip
19x8	20	7	-5								
19x8.5	26	13	1	-12							
19x9	33	20	7	-5	-18						
19x9.5	39	26	13	1	-12	-24					
19x10	45	33	20	7	-5	-18	-31				
19x10.5	52	39	26	13	1	-12	-24	-37			
19x11	58	45	33	20	7	-5	-18	-31	-44		
19x11.5	64	52	39	26	13	1	-12	-24	-37	-50	
19x12	71	58	45	33	20	7	-5	-18	-31	-44	-56
19x12.5			39	26	13	1	-12	-24	-37	-50	
19x13				33	20	7	-5	-18	-31	-44	

Small Brake Caliper												
Low Disk												
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip	
19x8	45	33	21									
19x8.5	51	39	27	15								
19x9	57	45	33	21	9							
19x9.5	63	51	39	27	15	3						
19x10	70	57	45	33	20	7	-6					
19x10.5	76	64	52	39	27	15	3	-9				
19x11		70	57	45	33	20	9	-3	-15			
19x11.5			63	51	39	27	15	3	-9	-21		
19x12				57	45	33	21	9	-3	-15	-27	
19x12.5					63	51	39	27	15	3	-9	-21
19x13						57	45	33	21	9	-3	-15

## 18" Reverse

Big Brake Caliper											
High Disk 114.3 / red/ff only											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip
18x8	5	-8	-20								
18x8.5	11	-1	-14	-27							
18x9	18	5	-8	-20	-33						
18x9.5	24	11	-1	-14	-27	-39					
18x10	30	18	5	-8	-20	-33	-46				
18x10.5	36	24	11	-1	-14	-27	-39	-52			
18x11	43	30	18	5	-8	-20	-33	-46	-59		
18x11.5	36	24	11	-1	-14	-27	-39	-52	-65		
18x12		30	18	5	-8	-20	-33	-46	-59	-71	
18x12.5			24	11	-1	-14	-27	-39	-52	-65	
18x13				18	5	-8	-20	-33	-46	-59	

Small Brake Caliper											
Medium/Low Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip
18x8	30	17	5								
18x8.5	36	24	9	-2							
18x9	43	30	17	5	-8						
18x9.5	49	36	24	9	-2	-14					
18x10	55	43	30	17	5	-8	-21				
18x10.5	62	49	36	24	9	-2	-14	-27			
18x11	68	55	43	30	17	5	-8	-21	-34		
18x11.5	75	62	49	36	24	9	-2	-14	-27	-40	
18x12		68	55	43	30	17	5	-8	-21	-34	-46
18x12.5			49	36	24	9	-2	-14	-27	-40	
18x13				43	30	17	5	-8	-21	-34	

Normal Brake Caliper											
Medium Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip
18x8	20	7	-5								
18x8.5	26	13	1	-12							
18x9	33	20	7	-5	-18						
18x9.5	39	26	13	1	-12	-24					
18x10	45	33	20	7	-5	-18	-31				
18x10.5	52	39	26	13	1	-12	-24	-37			
18x11	58	45	33	20	7	-5	-18	-31	-44		
18x11.5	64	52	39	26	13	1	-12	-24	-37	-50	
18x12	71	58	45	33	20	7	-5	-18	-31	-44	-56
18x12.5			39	26	13	1	-12	-24	-37	-50	
18x13				33	20	7	-5	-18	-31	-44	

Small Brake Caliper												
Low Disk												
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	8" Lip	
18x8	45	33	21									
18x8.5	51	39	27	15								
18x9	57	45	33	21	9							
18x9.5	63	51	39	27	15	3						
18x10	70	57	45	33	20	7	-6					
18x10.5	76	64	52	39	27	15	3	-9				
18x11		70	57	45	33	20	9	-3	-15			
18x11.5			63	51	39	27	15	3	-9	-21		
18x12				57	45	33	21	9	-3	-15	-27	
18x12.5					63	51	39	27	15	3	-9	-21
18x13						57	45	33	21	9	-3	-15

## 18" Step Lip

Big Brake Caliper											
High Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	
18x8	2	-11	-23								
18x8.5	8	-4	-17	-30							
18x9	15	2	-11	-23	-36						
18x9.5	21	8	-4	-17	-30	-42					
18x10	27	15	2	-11	-23	-36	-49				
18x10.5	34	21	8	-4	-17	-30	-42	-55			
18x11		27	15	2	-11	-23	-36	-49	-62		
18x11.5			21	8	-4	-17	-30	-42	-55	-68	
18x12				15	2	-11	-23	-36	-49	-62	
18x12.5					23	8	-4	-17	-30	-42	-55
18x13						15	2	-11	-23	-36	-49

Small Brake Caliper											
Low Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	
18x8	25	12	0								
18x8.5	31	19	6	-7							
18x9	38	25	12	0	-13						
18x9.5	44	31	19	6	-7	-19					
18x10	50	38	25	12	0	-13	-26				
18x10.5	57	44	31	19	6	-7	-19	-32			
18x11		50	38	25	12	0	-13	-26	-39		
18x11.5			44	31	19	6	-7	-19	-32	-45	
18x12				38	25	12	0	-13	-26	-39	
18x12.5					67	31	19	6	-7	-19	-32
18x13						38	25	12	0	-13	-26

Normal Brake Caliper											
Medium Disk											
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip	7.5" Lip	
18x8	15	2	-10								
18x8.5	21	9	-4	-17							
18x9	28	15	2	-10	-23						
18x9.5	34	21	9	-4	-17	-29					
18x10	40	28	15	2	-10	-23	-36				
18x10.5	47	34	21	9	-4	-17	-29	-42			
18x11		40	28	15	2	-10	-23	-36	-49		
18x11.5			34	21	9	-4	-17	-29	-42	-55	
18x12				28	15	2	-10	-23	-36	-49	
18x12.5					63	21	9	-4	-17	-29	-42
18x13						28	15	2	-10	-23	-36

## 17" Reverse

Big Brake Caliper									
High Disk									
Size	3" Lip	3.5" Lip	4" Lip	4.5" Lip	5" Lip	5.5" Lip	6" Lip	6.5" Lip	7" Lip
17x8	2	-11	-23						
17x8.5	8	-4	-17	-30					
17x9	15	2	-11	-23	-36				
17x9.5	21	8	-4	-					