

Excalibur

20" Step

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 8" Lip
20x8	12	-1	-13							
20x8.5	18	6	-7	-20						
20x9	25	12	-1	-13	-26					
20x9.5	31	18	6	-7	-20	-32				
20x10	38	25	12	-1	-13	-26	-39			
20x10.5	44	31	18	6	-7	-20	-32	-45		
20x11	50	38	25	12	-1	-13	-26	-39	-51	
20x11.5	57	44	31	18	6	-7	-20	-32	-45	-58
20x12		50	38	25	12	-1	-13	-26	-39	-51 -64
20x12.5						6	-7	-20	-32	-45 -58
20x13						12	-1	-13	-26	-39 -51

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
20x8	30	17	5							
20x8.5	36	24	11	-2						
20x9	43	30	17	5	-8					
20x9.5	49	36	24	11	-2	-14				
20x10	55	43	30	17	5	-8	-21			
20x10.5	62	49	36	24	11	-2	-14	-27		
20x11	68	55	43	30	17	5	-8	-21	-34	
20x11.5	75	62	49	36	24	11	-2	-14	-27	-40
20x12		68	55	43	30	17	5	-8	-21	-34 -46
20x12.5				49	36	24	11	-2	-14	-27 -40
20x13					43	30	17	5	-8	-21 -34

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
20x8	45	32	20							
20x8.5	51	39	26	13						
20x9	58	45	32	20	7					
20x9.5	64	51	39	26	13	1				
20x10	70	58	45	32	20	7	-6			
20x10.5	77	64	51	39	26	13	1	-12		
20x11		70	58	45	32	20	7	-6	-19	
20x11.5			64	51	39	26	13	1	-12	-25
20x12				58	45	32	20	7	-6	-19 -31
20x12.5				64	51	39	26	13	1	-12 -25
20x13					58	45	32	20	7	-6 -19

19" Step

Big Brake Caliper										
High Disk T14.3 / redrill 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

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										
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

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	32	20							
19x8.5	51	39	26	13						
19x9	58	45	32	20	7					
19x9.5	64	51	39	26	13	1				
19x10	70	58	45	32	20	7	-6			
19x10.5	77	64	51	39	26	13	1	-12		
19x11		70	58	45	32	20	7	-6	-19	
19x11.5			64	51	39	26	13	1	-12	-25
19x12				58	45	32	20	7	-6	-19 -31
19x12.5				64	51	39	26	13	1	-12 -25
19x13					58	45	32	20	7	-6 -19

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

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

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

19" Reverse

Big Brake Caliper											
High Disk						114.3 / redrill 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	12	-1	-13								
19x8.5	18	6	-7	-20							
19x9	25	12	-1	-13	-26						
19x9.5	31	18	6	-7	-20	-32					
19x10	38	25	12	-1	-13	-26	-39				
19x10.5	44	31	18	6	-7	-20	-32	-45			
19x11	50	38	25	12	-1	-13	-26	-39	-51		
19x11.5	57	44	31	18	6	-7	-20	-32	-45	-58	
19x12		50	38	25	12	-1	-13	-26	-39	-51	-64
19x12.5						6	-7	-20	-32	-45	-58
19x13						12	-1	-13	-26	-39	-51

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	32	20								
19x8.5	51	39	26	13							
19x9	58	45	32	20	7						
19x9.5	64	51	39	26	13	1					
19x10	70	58	45	32	20	7	-6				
19x10.5	77	64	51	39	26	13	1	-12			
19x11		70	58	45	32	20	7	-6	-19		
19x11.5			64	51	39	26	13	1	-12	-25	
19x12				58	45	32	20	7	-6	-19	-31
19x12.5				64	51	39	26	13	1	-12	-25
19x13					58	45	32	20	7	-6	-19

Normal Brake Caliper											
Medium Disk 114.3 / redrill 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	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

18" Reverse

Big Brake Caliper											
High Disk						114.3 / redrill 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

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	-17	-30	-42			
17x10	27	15	2	-11	-23	-36	-49		
17x10.5	34	21	8	-4	-17	-30	-42	-55	
17x11		27	15	2	-11	-23	-36	-49	-62
17x11.5			21	8	-4	-17	-30	-42	-55
17x12				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
17x8	25	12	0						
17x8.5	31	19	6	-7					
17x9	38	25	12	0	-13				
17x9.5	44	31	19	6	-7	-19			
17x10	50	38	25	12	0	-13	-26		
17x10.5	57	44	31	19	6	-7	-19	-32	
17x11		50	38	25	12	0	-13	-26	-39
17x11.5			44	31	19	6	-7	-19	-32
17x12				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
17x8	15	2	-10						
17x8.5	21	9	-4	-17					
17x9	28	15	2	-10	-23				
17x9.5	34	21	9	-4	-17	-29			
17x10	40	28	15	2	-10	-23	-36		
17x10.5	47	34	21	9	-4	-17	-29	-42	
17x11		40	28	15	2	-10	-23	-36	-49
17x11.5			34	21	9	-4	-17	-29	-42
17x12				28	15	2	-10	-23	-36