

# Monarch

## 19" Step

Big Brake Caliper											
Size	High Disk				114.3 / redrill only						
	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	0	-13	-25								
19x8.5	6	-6	-19	-32							
19x9	13	0	-13	-25	-38						
19x9.5	19	6	-6	-19	-32	-44					
19x10	25	13	0	-13	-25	-38	-51				
19x10.5	32	19	6	-6	-19	-32	-44	-57			
19x11	38	25	13	0	-13	-25	-38	-51	-64		
19x11.5		32	19	6	-6	-19	-32	-44	-57	-70	
19x12			25	13	0	-13	-25	-38	-51	-64	-76
19x12.5				19	6	-6	-19	-32	-44	-57	-70
19x13					13	0	-13	-25	-38	-51	-64

Normal Brake Caliper											
Size	Medium Disk				114.3 / redrill only						
	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	15	2	-10								
19x8.5	21	9	-4	-17							
19x9	28	15	2	-10	-23						
19x9.5	34	21	9	-4	-17	-29					
19x10	40	28	15	2	-10	-23	-36				
19x10.5	47	34	21	9	-4	-17	-29	-42			
19x11	53	40	28	15	2	-10	-23	-36	-49		
19x11.5		47	34	21	9	-4	-17	-29	-42	-55	
19x12			40	28	15	2	-10	-23	-36	-49	-61
19x12.5				34	21	9	-4	-17	-29	-42	-55
19x13					28	15	2	-10	-23	-36	-49

Small Brake Caliper											
Size	Low Disk										
	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	25	12	0								
19x8.5	31	19	6	-7							
19x9	38	25	12	0	-13						
19x9.5	44	31	19	6	-7	-19					
19x10	50	38	25	12	0	-13	-26				
19x10.5	57	44	31	19	6	-7	-19	-32			
19x11	63	50	38	25	12	0	-13	-26	-39		
19x11.5	69	57	44	31	19	6	-7	-19	-32	-45	
19x12	76	63	50	38	25	12	0	-13	-26	-39	-51
19x12.5				44	31	19	6	-7	-19	-32	-45
19x13					38	25	12	0	-13	-26	-39

## 18" Reverse

Big Brake Caliper											
Size	High Disk				114.3 / redrill only						
	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	0	-13	-25								
18x8.5	6	-6	-19	-32							
18x9	13	0	-13	-25	-38						
18x9.5	19	6	-6	-19	-32	-44					
18x10	25	13	0	-13	-25	-38	-51				
18x10.5	32	19	6	-6	-19	-32	-44	-57			
18x11	38	25	13	0	-13	-25	-38	-51	-64		
18x11.5		32	19	6	-6	-19	-32	-44	-57	-70	
18x12			25	13	0	-13	-25	-38	-51	-64	-76
18x12.5				19	6	-6	-19	-32	-44	-57	-70
18x13					13	0	-13	-25	-38	-51	-64

Normal Brake Caliper											
Size	Medium Disk				114.3 / redrill only						
	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	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	53	40	28	15	2	-10	-23	-36	-49		
18x11.5		47	34	21	9	-4	-17	-29	-42	-55	
18x12			40	28	15	2	-10	-23	-36	-49	-61
18x12.5				34	21	9	-4	-17	-29	-42	-55
18x13					28	15	2	-10	-23	-36	-49

Small Brake Caliper											
Size	Low Disk										
	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	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	63	50	38	25	12	0	-13	-26	-39		
18x11.5	69	57	44	31	19	6	-7	-19	-32	-45	
18x12	76	63	50	38	25	12	0	-13	-26	-39	-51
18x12.5				44	31	19	6	-7	-19	-32	-45
18x13					38	25	12	0	-13	-26	-39