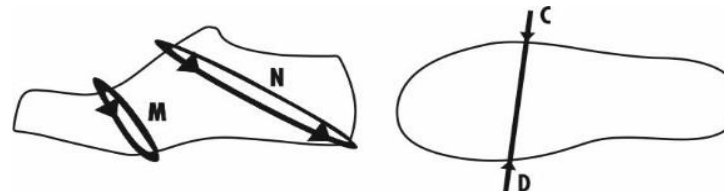




# Buchanan Orthotics

## identification of width for orthotic shoes, support shoes and multi-support shoes

orthotic shoes												
shoe size	TN5			TN 8			TN 9			TN 12		
	ball circumference (cm)	heel circumference (cm)	ball width (cm)	ball circumference (cm)	heel circumference (cm)	ball width (cm)	ball circumference (cm)	heel circumference (cm)	ball width (cm)	ball circumference (cm)	heel circumference (cm)	ball width (cm)
18	15.0	20.0	5.5	16.7	20.8	5.9	17.6	21.0	5.9	17.9	21.8	5.9
19	15.5	20.8	5.6	17.2	21.5	6.0	18.0	21.8	6.0	18.4	22.5	6.0
20	16.0	21.4	5.8	17.6	22.3	6.2	18.4	22.6	6.2	18.8	23.3	6.2
21	16.5	22.0	6.0	18.0	23.0	6.4	18.8	23.3	6.4	19.2	24.0	6.4
22	16.9	22.6	6.2	18.3	23.6	6.6	19.2	24.0	6.6	19.5	24.6	6.6
23	17.3	23.4	6.3	18.7	24.3	6.7	19.5	24.7	6.7	19.9	25.3	6.7
24	17.7	24.1	6.4	19.0	25.0	6.9	19.8	25.4	6.9	20.2	26.0	6.9
25	18.1	24.9	6.6	19.4	25.7	7.1	20.2	26.1	7.1	20.6	26.7	7.1
26	18.5	25.7	6.7	19.8	26.4	7.2	20.6	26.8	7.2	21.0	27.4	7.2
27	18.9	26.4	6.9	20.2	27.2	7.4	20.9	27.6	7.4	21.4	28.2	7.4
28	19.3	27.1	7.1	20.7	28.1	7.6	21.2	28.4	7.6	21.9	29.1	7.6
29	19.7	27.9	7.3	21.1	28.9	7.8	21.6	29.2	7.8	22.3	29.9	7.8
30	20.1	28.6	7.4	21.6	29.7	7.9	22.1	30.0	7.9	22.8	30.7	7.9
31	20.6	29.2	7.6	22.1	30.6	8.1	22.6	30.8	8.1	23.3	31.6	8.1
32	21.2	29.8	7.8	22.6	31.6	8.3	23.1	31.7	8.3	23.8	32.6	8.3
33	21.8	30.6	7.9	23.2	32.5	8.4	23.6	32.6	8.4	24.4	33.5	8.4
34	22.4	31.4	8.1	23.6	33.4	8.6	24.1	33.5	8.6	24.8	34.4	8.6
35	23.0	32.2	8.3	24.0	34.1	8.8	24.6	34.4	8.8	25.2	35.1	8.8
36	23.5	33.0	8.5	24.5	34.9	9.0	25.1	35.2	9.0	25.7	35.9	9.0
37	24.0	34.0	8.7	25.0	35.7	9.2	25.4	36.0	9.2	26.2	36.7	9.2
38	24.5	34.9	8.9	25.5	36.5	9.4	25.9	36.8	9.4	26.7	37.5	9.4
39	24.9	35.8	9.1	26.0	37.2	9.6	26.3	37.5	9.6	27.2	38.2	9.6
40	25.3	36.6	9.3	26.5	38.0	9.7	26.8	38.3	9.7	27.7	39.0	9.7
41	25.7	37.4	9.5	27.0	38.7	9.9	27.2	39.0	9.9	28.2	39.7	9.9
42	26.2	38.2	9.7	27.4	39.5	10.1	27.6	39.7	10.1	28.6	40.5	10.1
43	26.7	38.9	9.9	27.8	40.0	10.3	28.2	40.4	10.3	29.0	41.0	10.3
44	27.1	39.6	10.1	28.3	40.5	10.5	28.7	41.0	10.5	29.5	41.5	10.5
45	27.5	40.3	10.3	28.7	41.0	10.6	29.5	41.5	10.6	29.9	42.0	10.6
46	27.9	41.0	10.5	29.1	41.5	10.8	30.2	42.1	10.8	30.3	42.5	10.8
47	28.3	41.7	10.7	29.5	42.0	11.0	30.6	42.7	11.0	30.7	43.0	11.0
48	28.7	42.2	10.9	29.9	42.5	11.1	31.0	43.1	11.1	31.1	43.5	11.1
49	29.1	42.7	11.1	30.3	43.0	11.3	31.3	43.7	11.3	31.5	44.0	11.3
50	29.5	43.2	11.3	30.7	43.5	11.4	31.6	44.2	11.4	31.9	44.5	11.4



M = ball circumference  
 N = heel circumference  
 C-D = ball width



# Buchanan Orthotics

support shoes										mult-support shoes		
shoe size	TN 2			TN 4			TN 6			ST3		
	ball circumference (cm)	heel circumference (cm)	ball width (cm)	ball circumference (cm)	heel circumference (cm)	ball width (cm)	ball circumference (cm)	heel circumference (cm)	ball width (cm)	ball circumference (cm)	heel circumference (cm)	ball width (cm)
18												
19												
20												
21												
22												
23	16.9	22.0	6.2	17.7	22.6	6.4	18.5	23.0	6.4			
24	17.3	22.7	6.3	18.1	23.3	6.5	18.9	23.6	6.5			
25	17.6	23.3	6.5	18.4	23.9	6.7	19.2	24.1	6.7			
26	17.9	23.9	6.6	18.7	24.5	6.8	19.5	24.7	6.8			
27	18.2	24.5	6.8	19.0	25.1	7.0	19.9	25.3	7.0			
28	18.5	25.2	7.0	19.5	25.8	7.2	20.3	26.0	7.2			
29	19.0	25.8	7.2	20.0	26.4	7.4	20.7	26.8	7.4			
30	19.4	26.4	7.3	20.4	27.0	7.5	21.2	27.4	7.5			
31	19.9	27.1	7.5	20.9	27.6	7.7	21.7	28.0	7.7			
32	20.4	27.9	7.7	21.4	28.4	7.9	22.1	28.8	7.9			
33	21.2	28.5	7.8	22.2	29.2	8.0	22.7	29.6	8.0			
34	21.6	29.3	8.0	22.6	30.0	8.2	23.2	30.4	8.2			
35	22.0	30.0	8.2	23.0	30.8	8.4	23.6	31.2	8.4			
36	22.5	30.8	8.4	23.5	31.6	8.6	24.1	32.0	8.6	24.0	31.3	8.6
37	23.0	31.6	8.6	24.0	32.4	8.8	24.6	32.9	8.8	24.4	32.0	8.8
38	23.7	32.4	8.8	24.7	33.2	9.0	25.1	33.7	9.0	24.8	32.7	9.0
39	24.2	33.2	9.0	25.2	34.0	9.2	25.7	34.5	9.2	25.2	33.5	9.2
40	24.8	34.0	9.2	25.8	34.8	9.4	26.3	35.3	9.4	25.7	34.2	9.4
41	25.3	34.8	9.4	26.3	35.6	9.6	26.7	36.1	9.6	26.2	35.0	9.6
42	25.8	35.6	9.6	26.8	36.4	9.8	27.2	37.0	9.8	26.6	35.7	9.8
43	26.5	36.5	9.8	27.3	37.2	10.1				27.1	36.4	10.1
44	27.1	37.4	10.0	27.8	38.0	10.3				27.6	37.2	10.3
45	27.5	38.3	10.2	28.3	38.8	10.5				28.2	37.9	10.5
46	27.9	39.2	10.4	28.8	39.6	10.7				28.8	38.7	10.7
47	28.3	40.1	10.6	29.3	40.4	10.9				29.4	39.4	10.9