

	Standard Imperial (inches)	Standard Metric (cm)	Modified Imperial (inches)	Modified Metric (cm)
Disc Run-Out	0.004	0.01	0.004	0.01
Caliper Piston Displacement (2 x Run-Out)	0.008	0.02	0.008	0.02
Brake shoe to Drum Clearance	0.025	0.06	0.025	0.06
Total Drum Lining Movement (2 x shoe)	0.050	0.13	0.050	0.13
Front Piston Diameter	1.892	4.81	1.892	4.81
Number Pistons per Caliper	2	2	2	2
Volume per Front Piston	0.022	0.369	0.022	0.369
Volume Per Front Caliper	0.045	0.737	0.045	0.737
Volume Due to Front Brake Calipers	0.090	1.474	0.090	1.474
Rear W/Cylinder Piston Diameter	0.750	1.91	0.750	1.91
Number Pistons per Drum	1	1	1	1
Volume per Rear Piston	0.022	0.362	0.022	0.362
Volume Per Rear Caliper	0.022	0.362	0.022	0.362
Volume Due to Rear Brake Drums	0.044	0.724	0.044	0.724
Total System Volume at given Run-Out	0.134	2.199	0.134	2.199
Master Cylinder Diameter	0.700	1.78	0.750	1.91
Master Cylinder Area	0.385	2.483	0.442	2.851
Movement Required for Total Braking Volume	0.349	0.885	0.304	0.771
Brake Pedal Pivot to Pedal dimension	7.500	19.05	7.500	19.05
Brake Pedal Pivot to Actuator dimension	1.750	4.45	1.750	4.45
Brake Pedal Travel for Required Volume	1.494	3.794	1.301	3.305
Observed movement at Pedal	1.5"			

Modified Imperial (inches)	Modified Metric (cm)
0.004	0.01
0.008	0.02
0.025	0.06
0.050	0.13
1.892	4.81
2	2
0.022	0.369
0.045	0.737
0.090	1.474
0.750	1.91
1	1
0.022	0.362
0.022	0.362
0.044	0.724
0.134	2.199
0.625	1.59
0.307	1.980
0.437	1.111
7.500	19.05
1.750	4.45
1.874	4.760