



Variable Dimensions with Stroke

Stroke	TSB .5			TSB 1+			TSB 2.5			TSB 4		
	Y	B	Min. Plate Thickness	Y	B	Min. Plate Thickness	Y	B	Min. Plate Thickness	Y	B	Min. Plate Thickness
0.25 IN.	0.91	1.13	1.56									
6 MM	23	29	40									
0.5 IN.	1.16	1.38	1.81	1.16	1.41	1.84	1.16	1.75	2.22	1.16	2.00	2.66
13 MM	29	35	46	29	36	39	29	44	56	29	51	68
0.75 IN.	1.41	1.63	2.06	1.41	1.66	2.09	1.41	2.00	2.47	1.41	2.25	2.91
19 MM	36	41	52	36	42	45	36	51	63	36	57	69
1.00 IN.	1.66	1.88	2.31	1.66	1.91	2.34	1.66	2.25	2.72	1.66	2.50	3.16
25 MM	42	48	59	42	49	59	42	57	69	42	64	80
1.50 IN.	2.16	2.38	2.81	2.16	2.41	2.84	2.16	2.75	3.22	2.16	3.00	3.66
38 MM	55	60	71	55	61	72	55	70	82	55	76	93
2.00 IN.	2.66	2.88	3.31	2.66	2.91	3.34	2.66	3.25	3.72	2.66	3.50	4.16
51 MM	67	73	84	68	74	85	68	83	94	68	89	106
2.50 IN.	3.16	3.38	3.81	3.16	3.41	3.84	3.16	3.75	4.22	3.16	4.00	4.66
64 MM	80	86	97	80	87	98	80	95	107	80	102	118
3.00 IN.	3.66	3.88	4.31	3.66	3.91	4.34	3.66	4.25	4.72	3.66	4.50	5.16
76 MM	93	99	109	93	99	110	93	108	120	93	114	131
3.50 IN.	4.16	4.38	4.81	4.16	4.41	4.84	4.16	4.75	5.22	4.16	5.00	5.66
89 MM	106	111	122	106	112	123	106	121	133	106	127	144
4.00 IN.	4.66	4.88	5.31	4.66	4.91	5.34	4.66	5.25	5.72	4.66	5.50	6.16
102 MM	118	124	135	118	125	136	118	133	133	118	128	156
4.50 IN.				5.16	5.41	5.84	5.16	5.75	6.22	5.16	6.00	6.66
114 MM				131	137	148	131	146	158	131	152	169
5.00 IN.				5.66	5.91	6.34	5.66	6.25	6.72	5.66	6.50	7.16
127MM				144	150	161	144	159	171	144	165	182
5.50 IN.				6.16	6.41	6.84	6.16	6.75	7.22	6.16	7.00	7.66
140 MM				156	163	174	156	171	183	156	178	195
6.00 IN.				6.66	6.91	7.34	6.66	7.25	7.72	6.66	7.50	8.16
152 MM				169	176	186	169	184	196	169	191	207
6.50 IN.							7.16	7.75	8.22	7.16	8.00	8.66
165 MM							182	197	209	182	203	220
7.00 IN.							7.66	8.25	8.72	7.66	8.50	9.16
178 MM							195	210	221	195	216	233
7.50 IN.										8.16	9.00	9.66
191 MM										207	229	245
8.00 IN.										8.66	9.50	10.16
203 MM										220	241	258

Maximum Stroke Length Available

Model	Stroke
TSB .5	4 IN.
	102 MM
TSB +1	6 IN.
	152 MM

Model	Stroke
TSB 2.5	7 IN.
	178 MM
TSB 4	8 IN.
	203 MM

Note: All dimensions are nominal unless tolerance is stated.