



MX-93 Strap System Stack & Window Clearance Chart

One Way Draw			
Finished Width	Number of Vanes	Stack Space	Window Opening
7	2	2 3/16	4 13/16
10	3	2 5/8	7 3/8
13 1/4	4	3 1/16	10 3/16
16 1/4	5	3 1/2	12 3/4
19 1/2	6	3 15/16	15 9/16
22 1/2	7	4 3/8	18 1/8
25 3/4	8	4 13/16	20 15/16
28 3/4	9	5 1/4	23 1/2
32	10	5 11/16	26 5/16
35	11	6 1/8	28 7/8
38 1/4	12	6 9/16	31 11/16
41 1/4	13	7	34 1/4
44 1/2	14	7 7/16	37 1/16
47 1/2	15	7 7/8	39 5/8
50 3/4	16	8 5/16	42 7/16
53 3/4	17	8 3/4	45
56 3/4	18	9 3/16	47 9/16
60	19	9 5/8	50 3/8
63	20	10 1/16	52 15/16
66 1/4	21	10 1/2	55 3/4
69 1/4	22	10 15/16	58 5/16
72 1/2	23	11 3/8	61 1/8
75 1/2	24	11 13/16	63 11/16
78 3/4	25	12 1/4	66 1/2
81 3/4	26	12 11/16	69 1/16
85	27	13 1/8	71 7/8
88	28	13 9/16	74 7/16
91 1/4	29	14	77 1/4
94 1/4	30	14 7/16	79 13/16
97 1/2	31	14 7/8	82 5/8
100 1/2	32	15 5/16	85 3/16
103 3/4	33	15 3/4	88
106 3/4	34	16 3/16	90 9/16
110	35	16 5/8	93 3/8
113	36	17 1/16	95 15/16
116 1/4	37	17 1/2	98 3/4
119 1/4	38	17 15/16	101 5/16
122 1/4	39	18 3/8	103 7/8

One Way Draw			
Finished Width	Number of Vanes	Stack Space	Window Opening
125 1/2	40	18 13/16	106 11/16
128 1/2	41	19 1/4	109 1/4
131 3/4	42	19 11/16	112 1/16
134 3/4	43	20 1/8	114 5/8
138	44	20 9/16	117 7/16
141	45	21	120
144 1/4	46	21 7/16	122 13/16
147 1/4	47	21 7/8	125 3/8
150 1/2	48	22 5/16	128 3/16
153 1/2	49	22 3/4	130 3/4
156 3/4	50	23 3/16	133 9/16
159 3/4	51	23 3/4	136 1/8
163	52	24 1/16	138 15/16
166	53	24 1/2	141 1/2
169 1/4	54	24 15/16	144 5/16
172 1/4	55	25 3/8	146 7/8
175 1/2	56	25 13/16	149 11/16
178 1/2	57	26 1/4	152 1/4
181 3/4	58	26 11/16	155 1/16
184 3/4	59	27 1/8	157 5/8
187 3/4	60	27 9/16	160 3/16
191	61	28	163
194	62	28 7/16	165 9/16
197 1/4	63	28 7/8	168 3/8
200 1/4	64	29 5/16	170 15/16
203 1/2	65	29 3/4	173 3/4
206 1/2	66	30 3/16	176 5/16
209 3/4	67	30 5/8	179 1/8
212 3/4	68	31 1/16	181 11/16
216	69	31 1/2	184 1/2
219	70	31 15/16	187 1/16
222 1/4	71	32 3/8	189 7/8
225 1/4	72	32 13/16	192 7/16
228 1/2	73	33 1/4	195 1/4
231 1/2	74	33 11/16	197 13/16
234 3/4	75	34 1/8	200 5/8
237 3/4	76	34 9/16	203 3/16
240	77	35	205

This chart has been developed to show the size of the stack, clear of the window, when the verticals are drawn open. This chart is for outside mounts only.

NOTE: If the measurement of the window is between two sizes, use the next higher number.

Example: Window opening – 70" use 71 1/2".



MX-93 Strap System Stack & Window Clearance Chart

Split Draw			
Finished Width	Number of Vanes	Total Stack Space	Window Opening
6 3/4	2	3 3/16	3 9/16
13	4	3 1/16	9 15/16
19 1/4	6	3 15/16	15 5/16
25 1/4	8	4 13/16	20 7/16
31 1/2	10	5 11/16	25 13/16
37 3/4	12	6 9/16	31 3/16
44	14	7 7/16	36 9/16
50 1/4	16	8 5/16	41 15/16
56 1/2	18	9 3/16	47 5/16
62 3/4	20	10 1/16	52 11/16
69	22	10 15/16	58 1/16
75 1/4	24	11 13/16	63 7/16
81 1/2	26	12 11/16	68 13/16
87 3/4	28	13 9/16	74 3/16
94	30	14 7/16	79 9/16
100 1/4	32	15 5/16	84 15/16
106 1/2	34	16 3/16	90 5/16
112 3/4	36	17 1/16	95 11/16
119	38	17 15/16	101 1/16
125 1/4	40	18 13/16	106 7/16
131 1/2	42	19 11/16	111 13/16
137 3/4	44	20 9/16	117 3/16
144	46	21 7/16	122 9/16
150 1/4	48	22 5/16	127 15/16
156 1/4	50	23 3/16	133 1/16
162 1/2	52	24 1/16	138 7/16
168 3/4	54	24 15/16	143 13/16
175	56	25 13/16	149 3/16
181 1/4	58	26 11/16	154 9/16
187 1/2	60	27 9/16	159 15/16
193 3/4	62	28 7/16	165 5/16
200	64	29 5/16	170 11/16
206 1/4	66	30 3/16	176 1/16
212 1/2	68	31 1/16	181 7/16
218 3/4	70	31 15/16	186 13/16
225	72	32 13/16	192 3/16
231 1/4	74	33 11/16	197 9/16
237 1/2	76	34 9/16	202 15/16
240	78	35 7/16	204 9/16

This chart has been developed to show the size of the stack, clear of the window, when the verticals are drawn open. This chart is for outside mounts only.
NOTE: If the measurement of the window is between two sizes, use the next higher number.
Example: Window opening – 70" use 71 1/2".



MX-93 Scissors System Stack & Window Clearance Chart

One Way Draw			
Finished Width	Number of Vanes	Stack Space	Window Opening
6	2	2 5/16	3 11/16
7 1/4	3	2 13/16	4 7/16
10 1/4	4	3 5/16	6 15/16
13 1/4	5	3 13/16	9 7/16
16 1/4	6	4 5/16	11 15/16
19 1/4	7	4 13/16	14 7/16
22 1/4	8	5 5/16	16 15/16
25 1/4	9	5 13/16	19 7/16
28 1/4	10	6 5/16	21 15/16
31 1/4	11	6 13/16	24 7/16
34 1/4	12	7 5/16	26 15/16
37 1/4	13	7 13/16	29 7/16
40 1/4	14	8 5/16	31 15/16
43 1/4	15	8 13/16	34 7/16
46 1/4	16	9 5/16	36 15/16
49 1/4	17	9 13/16	39 7/16
52 1/4	18	10 5/16	41 15/16
55 1/4	19	10 13/16	44 7/16
58 1/4	20	11 5/16	46 15/16
61 1/4	21	11 13/16	49 7/16
64 1/4	22	12 5/16	51 15/16
67 1/4	23	12 13/16	54 7/16
70 1/4	24	13 5/16	56 15/16
73 1/4	25	13 13/16	59 7/16
76 1/4	26	14 5/16	61 15/16
79 1/4	27	14 13/16	64 7/16
82 1/4	28	15 5/16	66 15/16
85 1/4	29	15 13/16	69 7/16
88 1/4	30	16 5/16	71 15/16
91 1/4	31	16 13/16	74 7/16
94 1/4	32	17 5/16	76 15/16
97 1/4	33	17 13/16	79 7/16
100 1/4	34	18 5/16	81 15/16
103 1/4	35	18 13/16	84 7/16
106 1/4	36	19 5/16	86 15/16
109 1/4	37	19 13/16	89 7/16
112 1/4	38	20 5/16	91 15/16
115 1/4	39	20 13/16	94 7/16
118 1/4	40	21 5/16	96 15/16
121 1/4	41	21 13/16	99 7/16

One Way Draw			
Finished Width	Number of Vanes	Stack Space	Window Opening
124 1/4	42	22 5/16	101 15/16
127 1/4	43	22 13/16	104 7/16
130 1/4	44	23 5/16	106 15/16
133 1/4	45	23 13/16	109 7/16
136 1/4	46	24 5/16	111 15/16
139 1/4	47	24 13/16	114 7/16
142 1/4	48	25 5/16	116 15/16
145 1/4	49	25 13/16	119 7/16
148 1/4	50	26 5/16	121 15/16
151 1/4	51	26 13/16	124 7/16
154 1/4	52	27 5/16	126 15/16
157 1/4	53	27 13/16	129 7/16
160 1/4	54	28 5/16	131 15/16
163 1/4	55	28 13/16	134 7/16
166 1/4	56	29 5/16	136 15/16
169 1/4	57	29 13/16	139 7/16
172 1/4	58	30 5/16	141 15/16
175 1/4	59	30 13/16	144 7/16
178 1/4	60	31 5/16	146 15/16
181 1/4	61	31 13/16	149 7/16
184 1/4	62	32 5/16	151 15/16
187 1/4	63	32 13/16	154 7/16
190 1/4	64	33 5/16	156 15/16
193 1/4	65	33 13/16	159 7/16
196 1/4	66	34 5/16	161 15/16
199 1/4	67	34 13/16	164 7/16
202 1/4	68	35 5/16	166 15/16
205 1/4	69	35 13/16	169 7/16
208 1/4	70	36 5/16	171 15/16
211 1/4	71	36 13/16	174 7/16
214 1/4	72	37 5/16	176 15/16
217 1/4	73	37 13/16	179 7/16
220 1/4	74	38 5/16	181 15/16
223 1/4	75	38 13/16	184 7/16
226 1/4	76	39 5/16	186 15/16
229 1/4	77	39 13/16	189 7/16
232 1/4	78	40 5/16	191 15/16
235 1/4	79	40 13/16	194 7/16
238 1/4	80	41 5/16	196 15/16
240	80	41 5/16	198 11/16

This chart has been developed to show the size of the stack, clear of the window, when the verticals are drawn open. This chart is for outside mounts only.

NOTE: If the measurement of the window is between two sizes, use the next higher number.

Example: Window opening – 70" use 71 1/2".



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Split Draw			
Finished Width	Number of Vanes	Total Stack Space	Window Opening
6	2	3 5/16	2 11/16
8 1/2	4	4 5/16	4 3/16
14 1/2	6	5 5/16	9 3/16
20 1/2	8	6 5/16	14 3/16
26 1/2	10	7 5/16	19 3/16
32 1/2	12	8 5/16	24 3/16
38 1/2	14	9 5/16	29 3/16
44 1/2	16	10 5/16	34 3/16
50 1/2	18	11 5/16	39 3/16
56 1/2	20	12 5/16	44 3/16
62 1/2	22	13 5/16	49 3/16
68 1/2	24	14 5/16	54 3/16
74 1/2	26	15 5/16	59 3/16
80 1/2	28	16 5/16	64 3/16
86 1/2	30	17 5/16	69 3/16
92 1/2	32	18 5/16	74 3/16
98 1/2	34	19 5/16	79 3/16
104 1/2	36	20 5/16	84 3/16
110 1/2	38	21 5/16	89 3/16
116 1/2	40	22 5/16	94 3/16
122 1/2	42	23 5/16	99 3/16
128 1/2	44	24 5/16	104 3/16
134 1/2	46	25 5/16	109 3/16
140 1/2	48	26 5/16	114 3/16
146 1/2	50	27 5/16	119 3/16
152 1/2	52	28 5/16	124 3/16
158 1/2	54	29 5/16	129 3/16
164 1/2	56	30 5/16	134 3/16
170 1/2	58	31 5/16	139 3/16
176 1/2	60	32 5/16	144 3/16
182 1/2	62	33 5/16	149 3/16
188 1/2	64	34 5/16	154 3/16
194 1/2	66	35 5/16	159 3/16
200 1/2	68	36 5/16	164 3/16
206 1/2	70	37 5/16	169 3/16
212 1/2	72	38 5/16	174 3/16
212 1/2	72	38 5/16	174 3/16
224 1/2	76	40 5/16	184 3/16
230 1/2	78	41 5/16	189 3/16
236 1/2	80	42 5/16	194 3/16
240	80	42 5/16	197 11/16

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