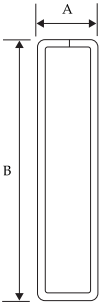


**MB****ALLMETAL®****Muntin Bar**

Aluminum: Painted, Mill Finish, Clear & Color In™ Anodized

**TOLERANCE**

A, ± .005 (.127mm)

B, ± .005 (.127mm)

SPECIAL NOTICE**Cleaning and Handling of Muntin Bar**

We recommend muntin bar to be wiped clean before installation into an insulating glass unit. A household grade liquid cleaner may be used for this purpose.

To avoid breakdown of painted surfaces, do not use M.E.K., Triethane, Alcohol or like substances for the cleaning of painted muntin bar.

When machining and processing muntin bar in your plant, keep saw tables and work areas free of saw cut filings to avoid scratching the painted surfaces.

Packaging Information

Muntin Bar Size	Part #	Pieces Per Shipping Carton 12' 8" Lengths	Lineal Feet Per Shipping Carton 12' 8" Lengths
1/8 x .610	219697	200	2533
3/16 x 9/16†	119320	150	1900
3/16 x .610†	119705	125	1583
3/16 x 5/8†	120874	125	1583
3/16 x 3/4	122909	110	1393
3/16 x 13/16	123618	110	1393
3/16 x 1	123823	85	1076
1/4 x 9/16	119427	135	1710
1/4 x 5/8†	121410	120	1520
1/4 x 3/4	123063	95	1203
1/4 x 13/16	215017	95	1203
1/4 x 1	123836	70	887
1/4 x 1 1/4	123856	51	646
5/16 x 1	210318	60	684
3/8 x 5/8	121468	90	1140
3/8 x 3/4	123088	75	950
3/8 x 13/16	215016	70	887
3/8 x 7/8	123797	55	697
3/8 x 1	201968	55	696
3/8(.375) x 3/8	205591	140	1773
7/16 x 3/8	119016	115	1457
7/16 x 3/8	216500**	115	1457
7/16 x 1/2	213045	88	1115
7/16 x 5/8†	214621	65	823
1/2 x 3/4*	201043	50	633
1/2 x 1	203710	40	506

Specification In Inches

Muntin Bar Size	A	B
1/8 x .610	.125	.610
3/16 x 9/16†	.187	.551
3/16 x .610†	.187	.610
3/16 x 5/8†	.187	.630
3/16 x 3/4†	.187	.775
3/16 x 13/16†	.187	.801
3/16 x 1	.187	1.000
1/4 x 9/16	.235	.562
1/4 x 5/8†	.235	.625
1/4 x 3/4	.235	.765
1/4 x 13/16	.235	.801
1/4 x 1	.235	1.000
1/4 x 1 1/4	.235	1.250
5/16 x 1	.312	1.000
3/8 x 5/8†	.325	.625
3/8 x 3/4	.325	.750
3/8 x 13/16	.325	.801
3/8 x 7/8	.325	.875
3/8 x 1	.325	1.000
3/8(.375) x 3/8	.375	.375
7/16 x 3/8	.438	.375
7/16 x 3/8	.438	.375
7/16 x 1/2	.438	.500
7/16 x 5/8†	.438	.625
1/2 x 3/4*	.500	.750
1/2 x 1	.500	1.000

Part numbers shown are standard white color.

† Available in tutone. Please see Color Selection Chart located in front of catalog.

Δ Part number shown is Dark Bronze Anodized Color.

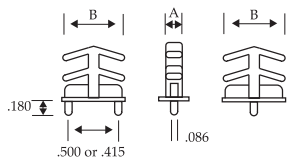
* Part number shown is Clear Anodized. **Part number shown is white welded.

Note: Available in pre-cut lengths and pre-notched; tutone and post-painted. Custom colors also available.

Material thickness: .0185



Finned Muntin Bar Keeper - Solid Prong Nylon



TOLERANCE

A, $\pm .005$ (.127mm)

B, $\pm .005$ (.127mm)



Packaging Information				
Muntin Bar Size	1 Prong Part #	1 Prong Pieces	2 Prong Part #	2 Prong Pieces
1/8 x .610	302724	5000	302706	5000
3/16 x .375"	302582	5000	TBA	5000
3/16 x 1/2"	302246	5000	TBA	5000
3/16 x 9/16	134952	3500	134942	3500
3/16 x 5/8	135147	3000	135138	3000
3/16 x 3/4	136867	2500	136862	2500
3/16 x 13/16	137143	2400	137132	2400
3/16 x 7/8"	302275	2200	TBA	2200
3/16 x 1"	300762	2000	302319	2000
1/4 x 5/16 [*]	302084	7500	302758	7500
1/4 x .375"	302583	TBA	TBA	TBA
1/4 x 1/2"	302247	4000	302681	4000
1/4 x 9/16	135079	3000	135080	3000
1/4 x 5/8	136005	2500	135992	2500
1/4 x 3/4	137078	2000	137070	2000
1/4 x 13/16	302236	2000	302678	2000
1/4 x 7/8"	TBA	1800	TBA	1800
1/4 x 1"	301860	1800	302680	1800
1/4 x 1 1/4"	302567	1000	302504	1000
5/16 x 1/2"	302248	3000	302682	3000
.325 x .375"	302398	4000	TBA	TBA
.375 x .375"	302584	TBA	TBA	TBA
3/8 x 1/2"	302260	2500	302699	2500
3/8 x 5/8	136060	2000	136046	2000
3/8 x 3/4	137098	1500	137095	1500
3/8 x 13/16	302235	1800	302679	1800
3/8 x 7/8"	300044	1400	138279	1400
.375 x 7/8"	301513	1400	TBA	1400
3/8 x 1"	301507	1200	301434	1200
7/16 x 3/8"	138261	3500	138264 [†]	3500
7/16 x 1/2"	302259	2000	302700	2000
7/16 x 7/8"	302464	1200	TBA	1200
7/16 x 1"	TBA	1000	TBA	1000
1/2 x 1/2"	302261	1800	TBA	TBA
1/2 x 3/4	301459	1000	301847	1000
1/2 x 7/8"	TBA	1000	TBA	1000
1/2 x 1"	TBA	800	TBA	800

Specification In Inches		
Muntin Bar Size	A	B
1/8 x .610	.090	.572
3/16 x .375"	.155	.350
3/16 x 1/2"	.155	.476
3/16 x 9/16	.134	.525
3/16 x 5/8	.134	.598
3/16 x 3/4	.134	.754
3/16 x 13/16	.134	.781
3/16 x 7/8"	.134	.846
3/16 x 1"	.134	.970
1/4 x 5/16 [*]	.195	.286
1/4 x .375"	.202	.350
1/4 x 1/2"	.188	.476
1/4 x 9/16	.188	.530
1/4 x 5/8	.188	.593
1/4 x 3/4	.188	.733
1/4 x 13/16	.188	.770
1/4 x 7/8"	.188	.846
1/4 x 1"	.188	.970
1/4 x 1 1/4"	.215	1.230
5/16 x 1/2"	.277	.476
.325 x .375"	.292	.350
.375 x .375"	.340	.350
3/8 x 1/2"	.340	.476
3/8 x 5/8	.270	.593
3/8 x 3/4	.270	.722
3/8 x 13/16	.270	.770
3/8 x 7/8"	.270	.846
.375 x 7/8"	.333	.846
3/8 x 1"	.270	.970
7/16 x 3/8"	.375	.345
7/16 x 1/2"	.402	.476
7/16 x 7/8"	.396	.846
7/16 x 1"	.388	.970
1/2 x 1/2"	.465	.476
1/2 x 3/4	.460	.712
1/2 x 7/8"	.458	.846
1/2 x 1"	.450	.970

Part numbers shown are standard natural nylon with a .500 prong distance.

* Not available with a .415 prong distance. † 2 Prong distance = .275 ‡ Prong distance = .300

§ Also fits Slimline Muntin Bar (.230 x 5/16")

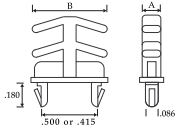


MB



ALLMETAL®

Finned Muntin Bar Keeper - Barbed Prong Nylon



TOLERANCE

A, ± .005 (.127mm)

B, ± .005 (.127mm)

Packaging Information

Muntin Bar Size	1 Prong		2 Prong	
	Part #	Pieces	Part #	Pieces
1/8 x .610	NA	NA	TBA	5000
3/16 X .375*	TBA	5000	302591	5000
3/16 x 1/2*	302451	5000	300475	5000
3/16 x 9/16	134949	3500	134944	3500
3/16 x 5/8	135175	3000	135141	3000
3/16 x 3/4	136865	2500	136863	2500
3/16 x 13/16	137221	2400	137133	2400
3/16 x 7/8	TBA	2200	302368	2200
3/16 x 1	300214	2000	138286	2000
1/4 x 5/16 ^Δ	301858	7500	302831	7500
1/4 x .375*	302747	4000	302594	4000
1/4 x 1/2*	TBA	4000	302432	4000
1/4 x 9/16	TBA	3000	TBA	3000
1/4 x 5/8	135995	2500	135993	2500
1/4 x 3/4	137068	2000	137069	2000
1/4 x 13/16	TBA	2000	301734	2000
1/4 x 7/8	302565	1800	301974	1800
1/4 x 1	300321	1800	138301	1800
1/4 x 1 1/4	300916	1000	300186	1000
5/16 x 1/2*	301876	3000	300476	3000
.325 x .375*	301772	4000	302596	4000
.375 x .375*	302748	4000	302599	TBA
3/8 x 1/2*	TBA	2500	302690	2500
3/8 x 5/8	136051	2000	136045	2000
.375 x 5/8*	NA	2000	302465	2000
3/8 x 3/4	137093	1500	137092	1500
3/8 x 13/16	TBA	1800	301735	1800
3/8 x 7/8*	300424	1400	138277	1400
.375 x 7/8	TBA	1400	301036	1400
3/8 x 1	138305	1200	138306	1200
7/16 x 3/8*	NA	NA	302602	3500
7/16 x 1/2*	TBA	2000	300486	2000
7/16 x 5/8*	300071	1500	136119	1500
7/16 x 7/8	TBA	1200	301034	1200
7/16 x 1	300069	1000	301028	1000
1/2 x 1/2*	TBA	TBA	TBA	TBA
1/2 x 3/4	TBA	1000	137118	1000
1/2 x 7/8	302403	1000	301035	1000
1/2 x 1	302573	800	138314	800
5/8 x 5/8*	301495	1000	136122	1000

Specification In Inches

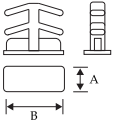
Muntin Bar Size	A	B
1/8 x .610	.090	.572
3/16 X .375*	.155	.350
3/16 x 1/2*	.155	.476
3/16 x 9/16	.134	.525
3/16 x 5/8	.134	.598
3/16 x 3/4	.134	.754
3/16 x 13/16	.134	.781
3/16 x 7/8	.134	.846
3/16 x 1	.134	.970
1/4 x 5/16 ^Δ	.195	.286
1/4 x .375*	.202	.350
1/4 x 1/2*	.188	.476
1/4 x 9/16	.188	.530
1/4 x 5/8	.188	.593
1/4 x 3/4	.188	.743
1/4 x 13/16	.188	.770
1/4 x 7/8	.188	.846
1/4 x 1	.188	.970
1/4 x 1 1/4	.215	1.230
5/16 x 1/2*	.277	.476
.325 x .375	.292	.350
.375 x .375*	.340	.350
3/8 x 1/2*	.340	.476
3/8 x 5/8*	.270	.593
.375 x 5/8*	.340	.598
3/8 x 3/4	.270	.722
3/8 x 13/16	.270	.770
3/8 x 7/8*	.270	.846
.375 x 7/8	.333	.846
3/8 x 1	.270	.970
7/16 x .3/8*	.375	.345
7/16 x 1/2*	.402	.476
7/16 x 5/8	.394	.598
7/16 x 7/8	.396	.846
7/16 x 1	.388	.970
1/2 x 1/2*	.465	.476
1/2 x 3/4	.460	.712
12 x 7/8	.458	.846
1/2 x 1	.450	.970
5/8 x 5/8*	.594	.598

Part numbers shown are standard natural nylon with a .500 prong distance.

* Not available with a .415 prong distance. ^Δ Also fits Slimline Muntin Bar (.230 x 5/16"). [†] 2 Prong distance = .275



Finned Muntin Bar Keeper w/ Pad Nylon



TOLERANCE

A, $\pm .005$ (.127mm)

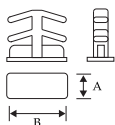
B, $\pm .005$ (.127mm)

Muntin Bar Pad Size		Packaging Information									
Fractional	Millimeter	3/16 X 5/8		1/4 X 5/8		3/8 X 5/8		3/8 X 7/8		7/16 X 3/8	
		Part #	Pieces	Part #	Pieces	Part #	Pieces	Part #	Pieces	Part #	Pieces
7/32	5.5	135135	3000	NA	NA	NA	NA	NA	NA	NA	NA
1/4		135137	3000	302299	2500	NA	NA	NA	NA	NA	NA
9/32	7	TBA	2800	TBA	2400	NA	NA	NA	NA	NA	NA
5/16	8	135144	2800	301231	2200	NA	NA	NA	NA	NA	NA
11/32		TBA	2800	TBA	2000	NA	NA	NA	NA	NA	NA
23/64	9	300286	2800	TBA	2000	NA	NA	NA	NA	NA	NA
3/8	9.5	135170	2800	302448	2000	301501	2000	NA	NA	NA	NA
13/32		135136	2600	TBA	2000	TBA	TBA	NA	NA	NA	NA
7/16	11	135145	2600	301475	2000	301887	1600	NA	NA	NA	NA
15/32	12	302501	2400	300119	2000	TBA	TBA	NA	NA	NA	NA
.475		NA	NA	NA	NA	NA	NA	300450	1200	NA	NA
1/2		135146	2000	300129	2000	301520	1200	NA	NA	NA	NA
.503		NA	NA	NA	NA	NA	NA	NA	NA	TBA	3500
17/32	13.5	301388	2000	300120	2000	TBA	1200	NA	NA	NA	NA
9/16	14.5	135171	2000	300121	2000	300644	1200	NA	NA	NA	NA
19/32	15	300397	2000	TBA	2000	TBA	1200	NA	NA	NA	NA
.605		NA	NA	NA	NA	NA	NA	NA	NA	301630	3500
5/8	16	135183	2000	300868	2000	301521	1200	NA	NA	NA	NA
21/32		TBA	TBA	300894	1800	TBA	TBA	NA	NA	NA	NA
11/16	17.5	135209	1800	301279	1600	301394	1100	NA	NA	300593	3400
23/32	18.5	TBA	TBA	301232	1600	TBA	TBA	NA	NA	NA	NA
.725		NA	NA	NA	NA	NA	NA	301051	1000	NA	NA
3/4	19	135191	1600	301476	1600	301498	1000	NA	NA	NA	NA
13/16	20.5	TBA	1600	TBA	1500	TBA	TBA	NA	NA	300594	3000

Part numbers shown are natural nylon.



Finned Muntin Bar Keeper w/ Pad Nylon



TOLERANCE
A, $\pm .005$ (.127mm)
B, $\pm .005$ (.127mm)

Muntin Bar Pad Size		Specification In Inches									
Fractional	Millimeter	3/16 X 5/8		1/4 X 5/8		3/8 X 5/8		3/8 X 7/8*		7/16 X 3/8†	
		A	B	A	B	A	B	A	B	A	B
7/32	5.5	.218	.620	NA	NA	NA	NA	NA	NA	NA	NA
1/4		.250	.620	.250	.620	NA	NA	NA	NA	NA	NA
9/32	7	.281	.620	.281	.620	NA	NA	NA	NA	NA	NA
5/16	8	.312	.620	.312	.620	NA	NA	NA	NA	NA	NA
11/32		.344	.620	.344	.620	NA	NA	NA	NA	NA	NA
23/64	9	.359	.620	.359	.620	NA	NA	NA	NA	NA	NA
3/8	9.5	.375	.620	.375	.620	.375	.620	NA	NA	NA	NA
13/32		.406	.620	.406	.620	.406	.620	NA	NA	NA	NA
7/16	11	.437	.620	.437	.620	.437	.620	NA	NA	NA	NA
15/32	12	.470	.620	.470	.620	.470	.620	NA	NA	NA	NA
.475		NA	NA	NA	NA	NA	NA	.475	.866	NA	NA
1/2		.500	.620	.500	.620	.500	.620	NA	NA	NA	NA
.503		NA	NA	NA	NA	NA	NA	NA	NA	.503	.370
17/32	13.5	.531	.620	.531	.620	.531	.620	NA	NA	NA	NA
9/16	14.5	.562	.620	.562	.620	.562	.620	NA	NA	NA	NA
19/32	15	.594	.620	.594	.620	.594	.620	NA	NA	NA	NA
.605		NA	NA	NA	NA	NA	NA	NA	NA	.605	.370
5/8	16	.625	.620	.625	.620	.625	.620	NA	NA	NA	NA
21/32		.646	.620	.646	.620	.646	.620	NA	NA	NA	NA
11/16	17.5	.688	.620	.688	.620	.688	.620	NA	NA	.688	.370
23/32	18.5	.708	.620	.708	.620	.708	.620	NA	NA	NA	NA
.725		NA	NA	NA	NA	NA	NA	.725	.866	NA	NA
3/4	19	.750	.620	.750	.620	.750	.620	NA	NA	NA	NA
13/16	20.5	.812	.620	.812	.620	.812	.620	NA	NA	.812	.370

* 3/8 x 7/8: B=.866

† 7/16 x 3/8: B=.370



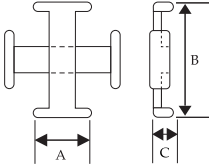
MB



ALLMETAL®

Internal Muntin Bar Clip

Nylon



TOLERANCE

A, $\pm .005$ (.127mm)

B, $\pm .005$ (.127mm)

C, $\pm .005$ (.127mm)

Packaging Information

Internal Muntin Bar Clip	Small Carton Part #	Small Carton Pieces	Large Carton Part #	Large Carton Pieces
A	137237	2000	137238	7500
B	137663	700	137660	3500
C	137842	800	137839	3600
D	137889	700	137892	2500
E	137900	500	137901	1800
F	300515	1800	138872	7000
G	138874	2000	300337	6500
H	138876	1600	300473	5500
I	TBA	1400	300511	4500
J	138878	1000	138879	3800
K	300077	700	300076	2600
L	300260	2800	300261	10,000
M	300393	500	300392	2000
N	302792	5000	NA	NA
O*	300526	300	300518	1000
P	300625	3500	TBA	TBA
Q	302173	TBA	301730	7500
R	TBA	TBA	301768	9000
S	302417	600	301742	3000
T	302399	5000	302302	15000
U	302837	3000	302252	10000
V	302585	5000	TBA	TBA

Specification In Inches

Internal Muntin Bar Clip	A	B	C
A	.455	.896	.140
B	.670	1.270	.140
C	.500	1.044	.228
D	.820	1.430	.140
E	.740	1.430	.204
F	.400	.800	.233
G	.400	.800	.201
H	.400	.800	.264
I	.400	.800	.295
J	.500	1.034	.264
K	.500	1.034	.358
L	.400	.800	.145
M	.600	1.280	.295
N	.210	.490	.125
O*	1.000	2.120	.152
P	.280	.560	.240
Q	.455	.896	.168
R	.400	.800	.165
S	.670	1.310	.204
T	.280	.560	.200
U	.455	.896	.090
V	.280	.560	.145

Part numbers shown are standard natural nylon.

* Glass-filled nylon only.

A. Fits Sizes $\frac{3}{16} \times \frac{9}{16}$, $\frac{3}{16} \times \frac{3}{4}$, $\frac{1}{4} \times \frac{9}{16}$, $\frac{1}{4} \times \frac{3}{4}$

B. Fits Sizes $\frac{3}{16} \times \frac{3}{4}$, $\frac{3}{16} \times \frac{13}{16}$, $\frac{1}{4} \times \frac{3}{4}$

C. Fits Sizes $\frac{3}{8} \times \frac{3}{8}$, $\frac{3}{8} \times \frac{3}{4}$, $.375 \times \frac{3}{8}$

D. Fits Sizes $\frac{3}{16} \times \frac{7}{8}$, $\frac{3}{16} \times 1$, $\frac{1}{4} \times \frac{7}{8}$, $\frac{1}{4} \times 1$

E. Fits Sizes $\frac{3}{8} \times \frac{7}{8}$, $\frac{3}{8} \times 1$

F. Fits Sizes $\frac{3}{8} \times \frac{1}{2}$, $.375 \times \frac{1}{2}$

G. Fits Sizes $\frac{3}{16} \times \frac{1}{2}$

H. Fits Sizes $\frac{7}{16} \times \frac{1}{2}$

I. Fits Sizes $\frac{1}{2} \times \frac{1}{2}$

J. Fits Sizes $\frac{7}{16} \times \frac{3}{8}$

K. Fits Sizes $\frac{3}{8} \times \frac{3}{8}$

L. Fits Sizes $\frac{3}{16} \times \frac{1}{2}$

M. Fits Sizes $\frac{1}{2} \times \frac{3}{4}$

N. Fits Sizes $\frac{1}{4} \times \frac{3}{16}$

O. Fits Sizes $\frac{1}{4} \times 1$, $\frac{1}{4} \times \frac{1}{4}$, $\frac{1}{4} \times 1 \frac{3}{8}$

P. Fits Sizes $\frac{7}{16} \times \frac{3}{8}$, $.375 \times .375$

Q. Fits Sizes $\frac{1}{4} \times \frac{3}{8}$

R. Fits Sizes $\frac{1}{4} \times \frac{1}{2}$

S. Fits Sizes $\frac{1}{4} \times \frac{13}{16}$, $\frac{3}{8} \times \frac{13}{16}$

T. Fits Sizes $.325 \times .375$

U. Fits Sizes $.125 \times .610$

V. Clip $\frac{3}{16} \times \frac{3}{8}$ (.187 X .375) and $\frac{1}{4} \times \frac{3}{8}$ (.235 X .375)