



## Robotic Tops

Our Robotic Tops are ideal for Lab applications involving robotics, automated machinery and linear motion rails. Provided plain or with a grid of drilled and tapped holes for machine mounting, our Tops provide the strength and flatness to insure accurate, repeatable machine motion.

### Specifications

#### Top Material

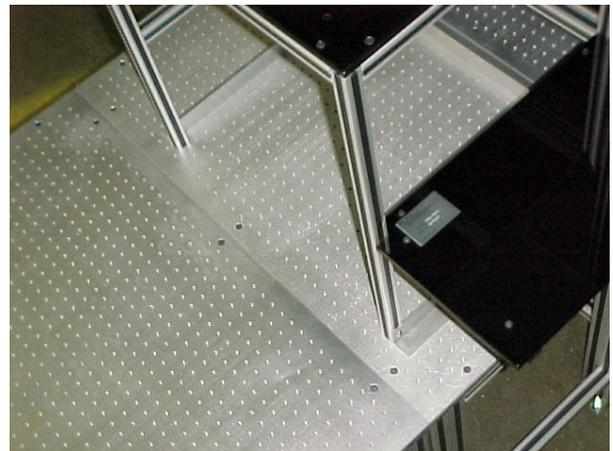
- Mic-6 Aluminum Tool and Jig Plate – a cast and ground product providing an excellent surface for mounting linear motion devices.

#### Dimensions and Tolerances

- Standard Thickness: 1/2"
- Thickness Deviation: +/- .005"
- Transverse Flatness: .015"
- Thickness Options: 1/4" to 1"
- Laser Controlled Tolerance: +/- .010"
- Tolerances are laser controlled.

#### Standard Surface Finish

- Surface Ground to .50 micron finish



#### Surface Finish Options

- Teflon Adhesive
- Anodized
- Hard Coated

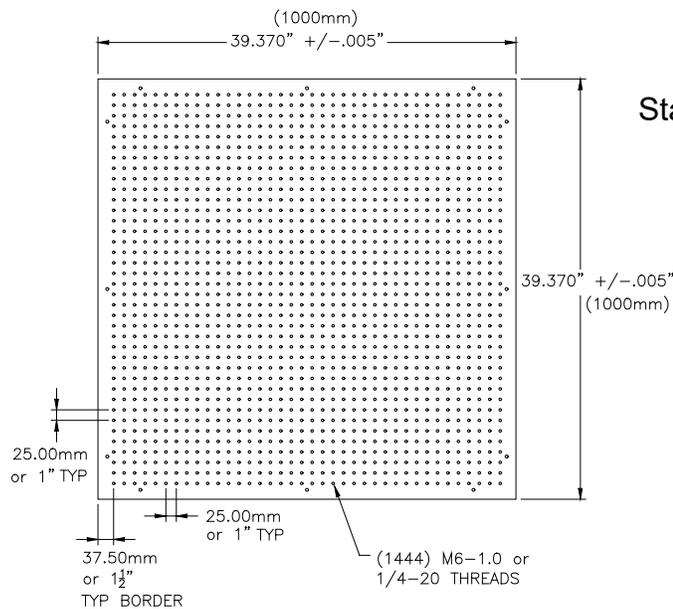


## Drilled and Tapped Grids

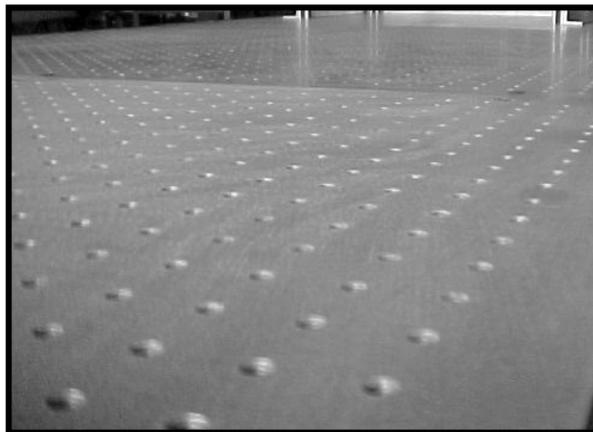
Drilled and Tapped Tops provide automation engineers and scientists with an easy, flexible way of mounting equipment.

### Grid Patterns:

- Metric Grid: M6 spaced every 25mm with 37.5mm borders
- English Grid: 1/4-20 spaced every 1" with 1 1/2" borders



Standard Grid Pattern on a 1M x 1M Top





## Plain Robotic Tops – Standard Metric Sizes

<b>Metric Sizes</b>				
<b>Plain Surface Ground Aluminum Lab Table Tops (no drilled and tapped holes)</b>				
<b>Top Thickness</b>	<b>Width</b>	<b>Depth</b>	<b>Weight</b>	<b>Part Number</b>
1/2" Robotic Top	.75M	.75M	45	TTM1 - 500
	1.0M	.75M	60	TTM1 - 501
	1.0M	1.0M	80	TTM1 - 502
	1.5M	1.0M	120	TTM1 - 503
	2.0M	1.0M	160	TTM1 - 504
3/4" Robotic Top	.75M	.75M	68	TTM1 - 750
	1.0M	.75M	90	TTM1 - 751
	1.0M	1.0M	120	TTM1 - 752
	1.5M	1.0M	180	TTM1 - 753
	2.0M	1.0M	240	TTM1 - 754
1" Robotic Top	.75M	.75M	91	TTM1 - 1000
	1.0M	.75M	122	TTM1 - 1001
	1.0M	1.0M	162	TTM1 - 1002
	1.5M	1.0M	243	TTM1 - 1003
	2.0M	1.0M	324	TTM1 - 1004



## Plain Robotic Tops – Standard English Sizes

English Sizes				
Plain Surface Ground Aluminum Lab Table Tops (no drilled and tapped holes)				
Top Thickness	Width	Depth	Weight	Part Number
1/2" Robotic Top	36"	36"	67	TT3 - 500
	48"	36"	89	TT3 - 501
	60"	36"	111	TT3 - 502
	72"	36"	134	TT3 - 503
	84"	36"	156	TT3 - 504
	96"	36"	178	TT3 - 505
1/2" Robotic Top	48"	48"	119	TT3 - 506
	60"	48"	148	TT3 - 507
	72"	48"	178	TT3 - 508
	84"	48"	208	TT3 - 509
	96"	48"	237	TT3 - 510
3/4" Robotic Top	36"	36"	100	TT3 - 750
	48"	36"	134	TT3 - 751
	60"	36"	167	TT3 - 752
	72"	36"	200	TT3 - 753
	84"	36"	234	TT3 - 754
	96"	36"	267	TT3 - 755
3/4" Robotic Top	48"	48"	178	TT3 - 756
	60"	48"	223	TT3 - 757
	72"	48"	267	TT3 - 758
	84"	48"	312	TT3 - 759
	96"	48"	356	TT3 - 7510
1" Robotic Top	36"	36"	134	TT3 - 1000
	48"	36"	177	TT3 - 1001
	60"	36"	223	TT3 - 1002
	72"	36"	267	TT3 - 1003
	84"	36"	312	TT3 - 1004
	96"	36"	356	TT3 - 1005
1" Robotic Top	48"	48"	237	TT3 - 1006
	60"	48"	297	TT3 - 1007
	72"	48"	356	TT3 - 1008
	84"	48"	415	TT3 - 1009
	96"	48"	475	TT3 - 1010



## Drilled and Tapped Robotic Tops Standard Metric Sizes

<b>Metric Sizes</b>					
<b>Surface Ground Aluminum Lab Table Tops with Drilled and Tapped Holes</b>					
<b>Top Thickness</b>	<b>Width</b>	<b>Depth</b>	<b>Weight</b>	<b>No. of M6 Tapped Holes</b>	<b>Part Number</b>
1/2" Robotic Top	.75M	.75M	45	896	TT2 - 500
	1.0M	.75M	60	1196	TT2 - 501
	1.0M	1.0M	80	1596	TT2 - 502
3/4" Robotic Top	.75M	.75M	68	896	TT2 - 750
	1.0M	.75M	90	1196	TT2 - 751
	1.0M	1.0M	120	1596	TT2 - 752
1" Robotic Top	.75M	.75M	91	896	TT2 - 1000
	1.0M	.75M	122	1196	TT2 - 1001
	1.0M	1.0M	162	1596	TT2 - 1002

## Drilled and Tapped Robotic Tops Standard English Sizes

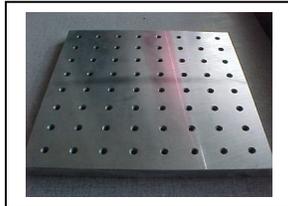
<b>English Sizes</b>					
<b>Surface Ground Aluminum Lab Table Tops with Drilled and Tapped Holes</b>					
<b>Top Thickness</b>	<b>Width</b>	<b>Depth</b>	<b>Weight</b>	<b>No. of 1/4-20 Tapped Holes</b>	<b>Part Number</b>
1/2" Robotic Top	36"	36"	67	1292	TT3 - 500
	48"	36"	89	1724	TT3 - 501
3/4" Robotic Top	36"	36"	100	1292	TT3 - 750
	48"	36"	134	1724	TT3 - 751
1" Robotic Top	36"	36"	134	1292	TT3 - 1000
	48"	36"	177	1724	TT3 - 1001



## Robotic Tops – Surface Finishes

### Standard Mill Finish

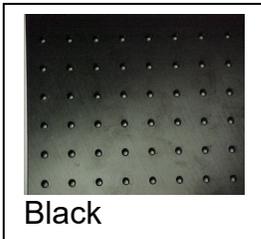
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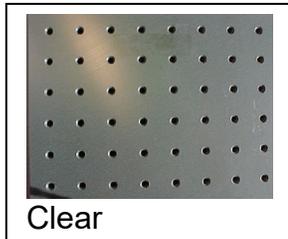
- Surface Ground to .50 micron finish

### Anodized

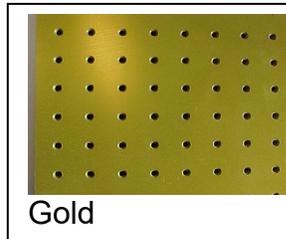
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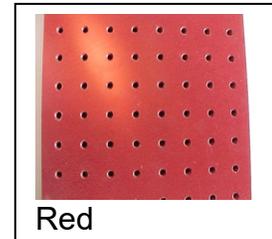
Black



Clear



Gold

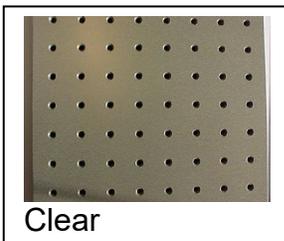


Red

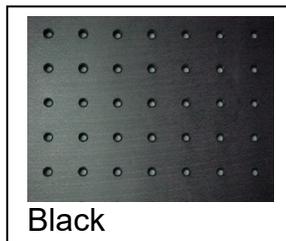
Other colors include purple, green, turquoise, blue

### Hard Coated

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Clear



Black

Also available – Teflon Coated adhesive