



Ohio Exim Metals
 8748 Brecksville Rd
 Suite 135
 Brecksville, OH 44141
www.ohioexim.com

Brian Geiger
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Mold Base Plate

Standard Length, mm	Standard Width, mm	Standard Steel Grades:	Preparation Methods
296, 396, 496, 596, 696	296, 346, 396, 446, 496, 546, 596, 696, 796	<ul style="list-style-type: none"> Mild Steel (MS, A36/1018, 1020) Carbon steel (C45, 1.1730, 1045, 1050, S50C) P20 (2311, 2738, HH) H13 (1.2344) Tool steel (1.2316) Stainless Steel 420 (1.2083) 	<p>Six-Sided Milling</p> <ul style="list-style-type: none"> Weight up to 6,600 lb Operation Universal, Top & Bottom, Side Max Dimensions (in) 70.8" x 27.5" x 19.6" <p>Surface Grinding</p> <ul style="list-style-type: none"> Weight up to 1,650 lb Operation Surface Grinding Max Dimensions (in) 39.3" x 23.6" x 15.7"
Additional L x W combinations available upon request (may result in longer lead times, contact sales for available inventory of alternate sizes, and to discuss thickness and other specifications)			
<ul style="list-style-type: none"> Ohio Exim works with our strategic partners in India to ensure that all our metal is sourced directly from the mills and is accompanied with test certificates. Our steel and copper products are checked for chemical composition, hardness, and dimensions. Inspection engineers ensure that every machined plate is checked for tolerances, dimensions and weight before it is shipped. All deliveries are accompanied with inspection reports. All shipments and material are properly and securely packed to ensure no damage during transport. 			

Note – Pre-drilled holes may be available upon request; please contact the sales office to discuss details and options

How To Order

There are three easy steps to order from **Ohio Exim Metals**:

1. Send an email with your order: brian@ohioexim.com
2. We will contact you to verify all information, including price and lead times, and formalize the order to be fulfilled
3. Once all ordering requirements are met, we will start the production process with the mill and our logistics team

Thank you for your business!



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Raw Material

Steel Types
Carbon Steel <ul style="list-style-type: none"> • 1045 / C45 / EN8 • MS / 1018 / 1020 / IS 2062B • 1050 / S50C / EN9 • OHNS / O1
Cold Work Tool Steel <ul style="list-style-type: none"> • 1.2080 / D3 • 1.2767 / (~AISI 6F7) • 1.2363 / A2 • 1.2379 / D2
Hot Work Tool Steel <ul style="list-style-type: none"> • 1.2344 / H13 • 1.2714 / L6 Die Block • 1.2436 / D6 Die Block • 1.2343 / H11 • 1.2367 / "Hi-Mo" H11
Plastic Mold Steel <ul style="list-style-type: none"> • 1.2311 / P20 • 1.2738 / P20 + Ni • P20 HH • 1.2312 / P20 + S • 1.2083 / AISI 420 • 1.2316 / (~AISI 422)

Preparation Methods
Band Sawing <ul style="list-style-type: none"> • Weight up to 33,000 lb • Cutting Direction Horizontal & Vertical • Max Dimensions (in) 78.7" x 39.3" x 23.6" • Round Dimensions (in) Diameter 31.5"
Six-Sided Milling <ul style="list-style-type: none"> • Weight up to 6,600 lb • Operation Universal, Top & Bottom, Side • Max Dimensions (in) 70.8" x 27.5" x 19.6"
Surface Grinding <ul style="list-style-type: none"> • Weight up to 1,650 lb • Operation Surface Grinding • Max Dimensions (in) 39.3" x 23.6" x 15.7"
Container Loading <ul style="list-style-type: none"> • Minimum order 10,000 lbs. • Full shipping container loads available upon request • Raw material blocks, bars or rounds to be loaded into 20' sea containers • Blocking & bracing handled on site

Copper Types																								
Pure Copper <ul style="list-style-type: none"> • C110 ETP • C101 • C102 • Sample mill reports available 																								
Copper Specifications <ul style="list-style-type: none"> • 99.99% Purity • Hardness – H00, H02, H04 • Edge radius to spec • Surface – Bare copper or tinned • Tinning surface thickness – 6-8 microns • Length of all bars is 144 inches 																								
<table border="1"> <thead> <tr> <th>Thickness (in.)</th> <th>Width (in.)</th> <th>Surface</th> </tr> </thead> <tbody> <tr> <td>1/4"</td> <td>3.5"</td> <td>Tinned</td> </tr> <tr> <td>1/4"</td> <td>4</td> <td>Bare</td> </tr> <tr> <td>1/4"</td> <td>4</td> <td>Tinned</td> </tr> <tr> <td>1/4"</td> <td>5</td> <td>Tinned</td> </tr> <tr> <td>1/4"</td> <td>6</td> <td>Tinned</td> </tr> <tr> <td>3/8"</td> <td>2</td> <td>Bare</td> </tr> <tr> <td>3/8"</td> <td>2</td> <td>Tinned</td> </tr> </tbody> </table>	Thickness (in.)	Width (in.)	Surface	1/4"	3.5"	Tinned	1/4"	4	Bare	1/4"	4	Tinned	1/4"	5	Tinned	1/4"	6	Tinned	3/8"	2	Bare	3/8"	2	Tinned
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Note – block sizes may be limited, and shipments may be split to ensure compliance with all U.S. federal and state transportation regulations