

Performance Alloys and
Services, Inc.

www.moldstar.com

Highly Engineered

**Beryllium-Free
Copper Alloys**

PLUS
State of the Art

**Engineering
& Machining**

*Where Performance is
MORE than JUST OUR
NAME*

Performance Alloys and
Services, Inc.

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53022
United States

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Since 1987

Performance Alloys™



**High Performance Materials for
High Performance Applications**

**MoldStar®90
(MS90)**

- High Thermal Conductivity
- Excellent Hardness/Ductility
- Resistant to High Temperatures
- Gets Tougher/Harder in Application
- Does Not Develop Heat Cracks
- Resistant to Environmental Attack

Performance Alloys has a long history with the alloy combination and manufacturing practices for MoldStar®90. Just like Motorsports, all the contributing factors have to be right to have a winner. You will find the winning combination with Performance Alloys' MoldStar®90 as well with all their other products and services. There is actually no better product in the market.

Please see back for Standard and non-Standard Product Sizes and Forms

The word MoldStar & the word Mold with a star symbol are Registered Trademarks of Performance Alloys and Services, Inc of Germantown, Wisconsin, United States.



MoldStar® 90

PRODUCT SIZES

Round Bar Sizes

Nominal Diameter (inch)	Approx. Range	Pounds per FT.	Nominal Diameter (inch)	Approx. Range	Pounds per FT.
1/4	.285-.289	.252	2	2.16-2.18	14.09
3/8	.390-.392	.480	2 3/8	Special Order	18.3
1/2	.530-.531	.852	2 1/2	2.55-2.57	19.49
19/32	.590-.591	1.08	3	3.12-3.16	28.96
5/8	.668-.669	1.356	3 1/2	3.62-3.63	39.32
3/4	.786-.788	1.836	4	4.13-4.14	50.76
1	1.029-1.034	3.144	4 1/2	4.60-4.61	63.87
1 1/2	1.57-1.575	7.452	5	5.11-5.12	77.75
1 3/4	1.80-1.81	9.71			

We offer round bar cut to your length requirements or in full bar lengths. Full bar lengths vary by diameters. Performance Alloys sales consultants will provide standard bar length information by request. We never charge a cut charge. Tube sizes quoted by request.

Bars are oversize to finish at nominal.

Check our Website for the LATEST PRODUCT/SIZE information

www.moldstar.com

We also offer Full In-House Precision Machine Shop Services

Plate Thickness

Nominal Thickness (Inches)	Approx. Range
1/2	.620-.627
1	1.16-1.11
1 1/2	1.57-1.61
2	2.19-2.21
2 1/2	2.67-2.68
3	3.11-3.14
4	4.10-4.11
5	5.12-5.14

Plates are oversize to finish at nominal.

Call for a quotation for your plate requirements. We cut oversize to finish to your size and width, from standard patterns. Performance Alloys sales consultants will provide maximum available pattern sizes.

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