

Ornamental Balls and Hemispheres



These **Hollow Metal Balls** and **Hemispheres** have a wide range of ornamental applications for the designer and fabricator. They have ample wall thickness for welding, screwing or tapping; these are not recommended for mechanical applications that have precise dimensional requirements. Steel and Stainless Steel **Balls** are 11 gauge (.120" thick), and Aluminum and Brass **Balls** have a 1/8" wall thickness.

Standard finish is mill with the weld seam ground flush. **Wagner** can furnish specific finishes, however, we will not take responsibility for customer grinding or finishing which causes distortion. Please note, **Wagner** does not recommend bright polishing the Aluminum **Balls** due to the porosity of the material.

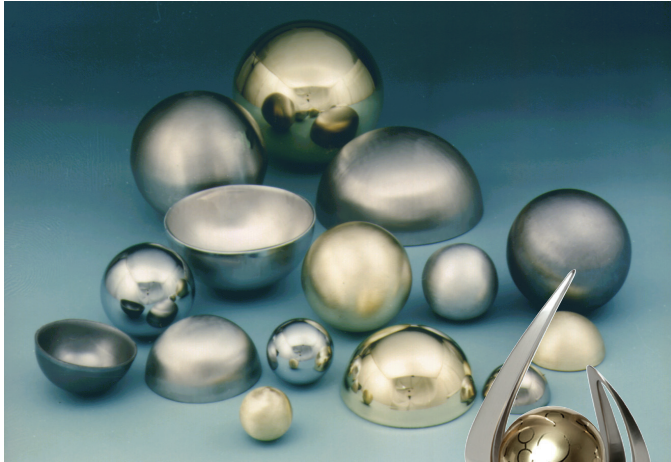
Holes in the ends are required for manufacturing and may be plugged later.

Hollow Balls contain a drilled alignment hole:

- 1 1/2" diameter to 8" diameter have a 3/16" hole.
- 10" and 12" diameter have a 1/4" hole.

Hemisphere holes:

- 1" to 6" diameter **Hemispheres** have no hole.
- 10" and 12" diameter **Hemispheres** have a 1/4" hole.



Polishing on special request. Contact **Wagner** at rfq@mailwagner.com.



4152



4154



4156

Hollow Ball - Mill Finish

Size	1010 HRPO STEEL	ALLOY 3003 ALUMINUM	TYPE 304 STAINLESS	ALLOY C26000 YELLOW BRASS
1 1/2"	4105	4106	4107*	4108
2"	4110	4112	4114*	4116
2 1/2"	4120	4122	4124*	4126
3"	4130	4132	4134*	4136
3 1/2"	4140	4142	4144*	4146
4"	4150	4152	4154*	4156
4 1/2"	4155	4157	4158*	4159
5"	4160	4162	4164*	4166
6"	4170	4172	4174*	4176
8"	4180	4182	4184*	4186
10"	4185	4187	4188*	4189
12"	4190	4192	4194*	4196

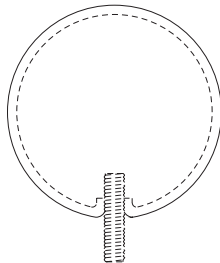
* Available in 316 Alloy

Hollow Ball with Threaded Hole - Mill Finish

All **Balls** noted below have a 3/8"-16 threaded hole except for the 8" **Ball** which has a 1/2"-13 threaded hole.

Size	1010 HRPO STEEL	ALLOY 3003 ALUMINUM	TYPE 304 STAINLESS	ALLOY C26000 YELLOW BRASS
2"	4110H	4112H	4114H*	4116H
2 1/2"	4120H	4122H	4124H*	4126H
3"	4130H	4132H	4134H*	4136H
3 1/2"	4140H	4142H	4144H*	4146H
4"	4150H	4152H	4154H*	4156H
4 1/2"	4155H	4157H	4158H	
5"	4160H	4162H	4164H*	4166H
6"	4170H	4172H	4174H*	4176H
8"	4180H	4182H	4184H	4186H

* Available in 316 Alloy



NUMBERS IN BOLD TYPE are typically in stock. Other items may not be available for immediate shipment or are made-to-order - requiring a minimum quantity and a longer lead time. Visit shop.wagnercompanies.com for availability.