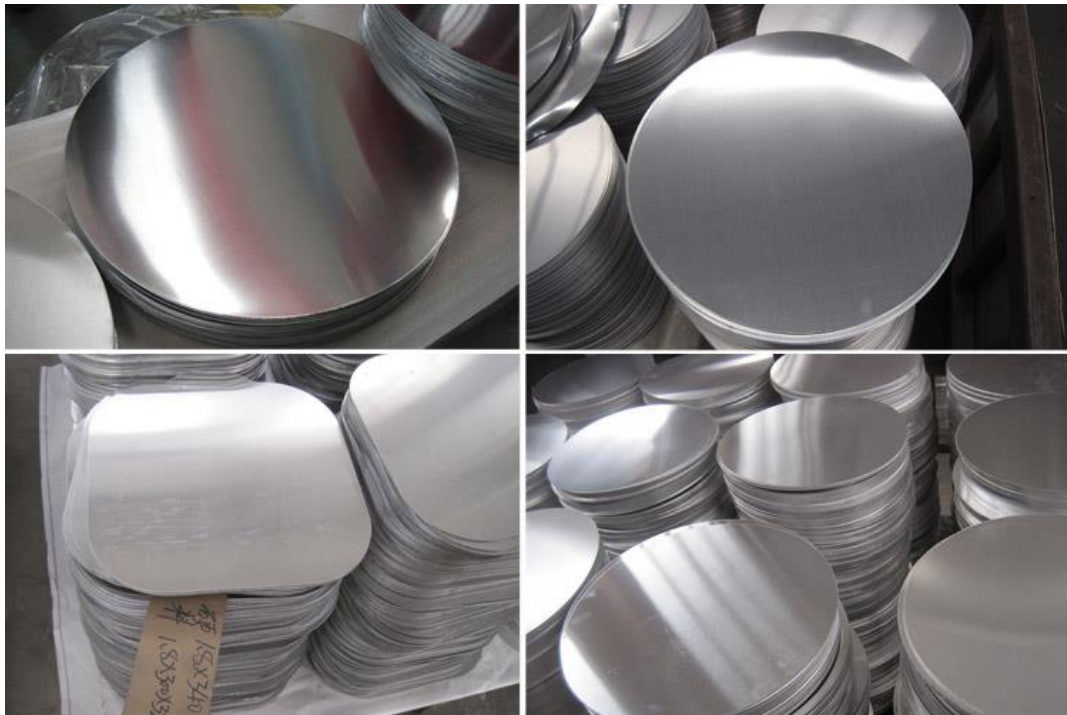


Aluminum circle

Aluminum circle is also called as round metal plate, which is a perfect material for making aluminium round metal. We are [Aluminum Circle](#) Suppliers and manufacturer. We provide supreme quality of heavy gauge Aluminum circles with thicknesses between 0.3mm - 4mm and diameter ranging between 3.94" - 38.5, which would meet your needs for making round metal cookware such as pots, pans, fryers etc. cookware, utensils, Non-stick pan/pot, Bowl or cup, traffic sign and so on



Product Features

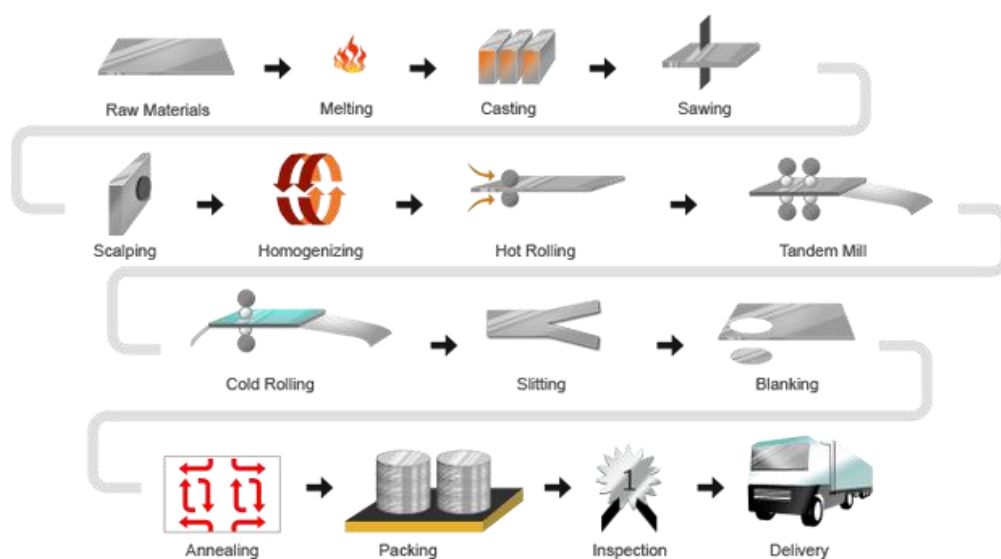
- Wide range of selection on circles' size including customized shape and size.
- Excellent Surface Quality for lighting reflectors.
- Excellent deep drawing and spinning quality.
- We provide heavy gauge circles with thicknesses up to 6mm thick which is ideal for cookware.
- Anodizing Quality and Deep Drawing Quality which is suitable for cookware as well.
- RoHS and REACH compliance
- Well-Protected Packing

Mode of Aluminum circle production

When it comes to the process of producing, [Aluminum Circle](#) is usually directly cutting from aluminum coil or the aluminum plate, usually, if the thickness of [Aluminum Circle](#) is less than 3.0 mm, the form of piercing blank feeding directly will be applied. If the thickness of aluminum circle is between 3.0 mm and 100 mm, according to the precision demands, aluminum circle board face demands, the bar cutting, laser cutting, CNC water cutting, cutting will be used for blank feeding production. When the thickness of [Aluminum Circle](#) is higher than 100 mm, our usually adopts aluminum rod sawing for production directly, special circumstances will adopt CNC water cutting and cutting precision processing mode.

Procedures of [Aluminum Circle](#) Production

Ingot/Master Alloys --- Melting Furnace - Holding Furnace --- D.C. Caster --- Slab ---- Scalper --- Hot Rolling Mill - Cold Rolling Mill - Punching - Annealing Furnace -- Final Inspection - Packing --- Delivery



Product Range

Alloy	Temper	Specification	
		Thickness (mm)	Diameter (mm)
1050, 1060 1070, 1100, 3003	0, H12, H14	0.40—6.0	20—1200

Product Properties

TEMPER	THICKNESS (mm)	TENSILE STRENGTH	ELONGATION%	Standard
H0	0.36-6	60-100	≥ 20	GB/T91-2002
H12	0.5-6	70-120	≥ 4	
H14	0.5-6	85-120	≥ 2	

Chemical Properties (WT. %)

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ca	V	Ti	Other	Min. Al
1050	0.25	0.4	0.05	0.05	0.05	-	-	0.05	-	0.05	0.03	0.03	99.5
1060	0.25	0.35	0.05	0.03	0.03	-	-	0.05	-	0.05	0.03	0.03	99.6
1070	0.25	0.25	0.04	0.03	0.03	-	-	0.04	-	0.05	0.03	0.03	99.7
1100	0.95	0.05-0.2	0.05	-	-	-	0.1	-	-	-	0.05		99
3003	0.6	0.7	0.05-0.2	1.0-1.5	-	-	0.1	-	-	-	0.15		96.95-96.75

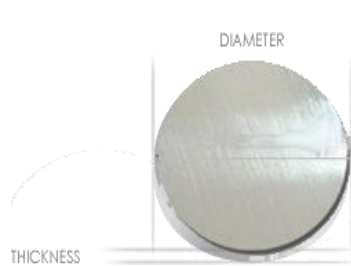
Diameter List

≥ 20	≥ 140	≥ 170	≥ 200	≥ 250	≥ 300	≥ 400	≥ 500	≥ 600	≥ 700	≥ 800
20	140	170	200	250	300	400	500	600	700	800
25	141	172	203	252	305	405	505	610	705	810
93	142	173	205	254	310	410	510	615	710	838
100	143	175	210	255	312	420	515	619	720	890
105	144	176	211	258	315	425	520	630	730	902
109	145	177	212	260	320	430	525	635	740	945
110	147	178	215	267	325	435	530	645	760	960
112	149	180	216	268	330	440	540	650	770	1000
115	150	181	217	270	335	445	545	655	780	1150
118	153	182	218	272	340	450	550	665		1200
120	154	183	220	274	345	455	560	670		
121	155	184	221	275	350	460	565	680		
122	157	185	222	277	355	465	570	690		
123	158	188	225	278	360	470	575			

124	160	190	226	280	364	475	580			
127	161	192	230	282	368	480	585			
128	162	193	233	285	370	485				
129	163	195	235	290	375	490				
130	164	198	237	292	380	495				
132	165		238	293	385					
133	166		240	295	390					
134	167		242		395					
135	168		245							
136	169		249							
137										
138										
139										

* Please enquire if you are interested in products outside the above ranges

Diameter Tolerances



Blanked and Sheared aluminum Circle Products
 Thickness (mm) Diameter Range (D) (mm)

	$D \leq 455$	$455 < D \leq 1000$	$1000 < D \leq 1200$
.4 - 6.0	+/- .079	+/- .099	+/- .015

*The maximum dimension may vary according to individual specifications

Applications

Cookware

Haomei has more than 10 years' experience in producing [Aluminum Circle](#) for the cookware and small appliance industries. Our product is currently being used to make: Stock pots, Fry pans, Tea kettles, Pressure cookers, rice cookers, pizza pans, electric skillets, restaurant cookware, coffee urns, bakeware, steam irons, woks, stainless cookware bottom plates, bread makers

Deep Drawing Quality - Haomei's specialty is in deep drawing quality. Grain size is tightly controlled to minimize the "orange peel effect". This is a rough surface, like the surface of an orange peel, which often occurs after deep drawing. Haomei tightly controls the chemistry and heat treating to maximize the elongation that allows the materials to stretch

more.

Anodizing Quality – Our [Aluminum Circle](#) are commonly used in high quality anodizing cookware. We are good at providing a very consistent anodizing surface.

Heavy Gauge Circle – Haomei can produce [Aluminum Circle](#) with thicknesses up to 6mm thick. Such thicknesses are commonly required with commercial quality cookware.

Lighting

Some of the current applications for our Aluminum Circle products are: Recessed Lighting ,High Bay Industrial Lighting,Low Bay Industrial Lighting,Street Lighting,Traffic Light Reflectors,Sports Lighting



Packaging & Delivery

Packing: export standard, covering with brown paper and plastic film then packed with wooden case/pallet
Packing: export standard, covering with brown paper and plastic film then packed with wooden case/pallet such 2-3 tonnes in 1 wooden pallet. Such 18-22 tonnes in 1x20' container.

Contact Us

We can be reached 24/7 to answer all of your support related needs. We can be reached at the following...

E-mail:

alu@haomeicn.com

wade@haomeicn.com

Phone:

86 0371 6562 1391

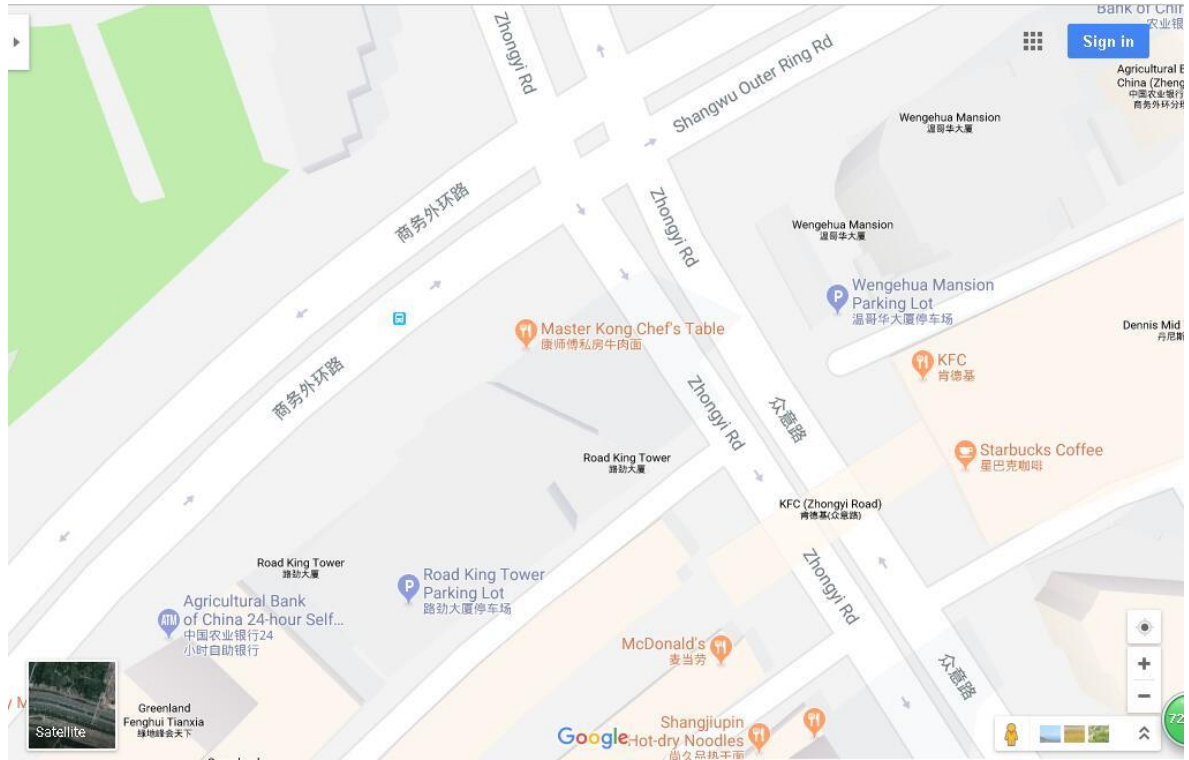
Fax:

86 0371 6562 1393

add:

1103.No.14 Shangwu Outer Ring Rd, New District, Zhengzhou, China.

Map





As you can see, these different Aluminum Circle' size including customized shape and size can create a range of different aluminium round metal in different time frames. Some are for very specific purposes while others cover a wider range of round metal cookware needs. If you still have questions about the different Aluminum Circle' size or for more information, please contact us. E-mail: wade@haomeicn.com