

# ➤ Aluminum & Aluminum Alloy

## IN THIS SECTION ➤ R&D Sputter Targets

- Because the range of possible target shapes and sizes is so vast, we list only discs of uniform thickness in this section. If you don't see a size, shape, or material listed to suit your **OEM** sputter sources, please contact KJLC's Materials Division at [materials@lesker.com](mailto:materials@lesker.com) or fax **412-384-2573** with your requests.
- Every effort is made to display correct prices. Wherever possible, we honor the listed price even if the current price is higher. We reserve the right to adjust prices, without notice, even after the material has been ordered.
- For materials having large daily price fluctuations, we indicate "Call" in the price block.
- For our TORUS<sup>®</sup> Sputter Source Targets, this sizing chart is common to each product in the section.

### TORUS<sup>®</sup> Sputter Source Target Sizing Chart

TORUS Source Model	Target Diameter
TORUS 1 (Model TRS1)	1"
TORUS 2 (Models TRS2 & TMO2)	2"
TORUS 3 (Models TRS3 & TMO3)	3"
TORUS 4 (Model TRS4)	4"
TORUS 6 (Model TRS6)	6"
TORUS 7 (Model TMO7)	7"
TORUS 10	6 <sup>3</sup> / <sub>8</sub> "



Aluminum Copper, Al/Cu 99/1 wt%



Aluminum Silicon, Al/Si 99/1 wt%

## ■ Aluminum, Al



Aluminum, Al

Size	Aluminum, Al (99.999% Purity) Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness	EJTALXX501A2		Call
1.00" Diameter x 0.250" Thickness	EJTALXX501A4	•	Call
2.00" Diameter x 0.125" Thickness	EJTALXX502A2	•	Call
2.00" Diameter x 0.250" Thickness	EJTALXX502A4	•	Call
3.00" Diameter x 0.125" Thickness	EJTALXX503A2	•	Call
3.00" Diameter x 0.250" Thickness	EJTALXX503A4	•	Call
4.00" Diameter x 0.125" Thickness	EJTALXX504A2		Call
4.00" Diameter x 0.250" Thickness	EJTALXX504A4	•	Call
6.00" Diameter x 0.125" Thickness	EJTALXX506A2		Call
6.00" Diameter x 0.250" Thickness	EJTALXX506A4		Call
8.00" Diameter x 0.125" Thickness	EJTALXX508A2		Call
8.00" Diameter x 0.250" Thickness	EJTALXX508A4		Call

Size	Aluminum, Al (99.99% Purity) Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness	EJTALXX401A2		Call
1.00" Diameter x 0.250" Thickness	EJTALXX401A4		Call
2.00" Diameter x 0.125" Thickness	EJTALXX402A2	•	Call
2.00" Diameter x 0.250" Thickness	EJTALXX402A4	•	Call
3.00" Diameter x 0.125" Thickness	EJTALXX403A2	•	Call
3.00" Diameter x 0.250" Thickness	EJTALXX403A4	•	Call
4.00" Diameter x 0.125" Thickness	EJTALXX404A2		Call
4.00" Diameter x 0.250" Thickness	EJTALXX404A4		Call
6.00" Diameter x 0.125" Thickness	EJTALXX406A2		Call
6.00" Diameter x 0.250" Thickness	EJTALXX406A4		Call
8.00" Diameter x 0.125" Thickness	EJTALXX408A2		Call
8.00" Diameter x 0.250" Thickness	EJTALXX408A4	•	Call

## ■ Aluminum Copper, Al/Cu 99/1 wt%

Size	Al/Cu 99/1 wt% (99.999% Purity) Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness	EJTALCU501A2		Call
1.00" Diameter x 0.250" Thickness	EJTALCU501A4		Call
2.00" Diameter x 0.125" Thickness	EJTALCU502A2		Call
2.00" Diameter x 0.250" Thickness	EJTALCU502A4		Call
3.00" Diameter x 0.125" Thickness	EJTALCU503A2		Call
3.00" Diameter x 0.250" Thickness	EJTALCU503A4		Call
4.00" Diameter x 0.125" Thickness	EJTALCU504A2		Call
4.00" Diameter x 0.250" Thickness	EJTALCU504A4		Call
6.00" Diameter x 0.125" Thickness	EJTALCU506A2		Call
6.00" Diameter x 0.250" Thickness	EJTALCU506A4		Call

## ■ Aluminum Silicon, Al/Si 99/1 wt%

Size	Al/Si 99/1 wt% (99.999% Purity) Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness	EJTALSI501A2		Call
1.00" Diameter x 0.250" Thickness	EJTALSI501A4		Call
2.00" Diameter x 0.125" Thickness	EJTALSI502A2		Call
2.00" Diameter x 0.250" Thickness	EJTALSI502A4		Call
3.00" Diameter x 0.125" Thickness	EJTALSI503A2		Call
3.00" Diameter x 0.250" Thickness	EJTALSI503A4		Call
4.00" Diameter x 0.125" Thickness	EJTALSI504A2		Call
4.00" Diameter x 0.250" Thickness	EJTALSI504A4		Call

## ➤ Aluminum Alloys & Compounds

### ■ Aluminum Silicon Copper, Al/Si/Cu 98/1/1 wt%

Size	Al/Si/Cu 98/1/1 wt% (99.999% Purity)	Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness		EJTALSC501A2		Call
1.00" Diameter x 0.250" Thickness		EJTALSC501A4		Call
2.00" Diameter x 0.125" Thickness		EJTALSC502A2		Call
2.00" Diameter x 0.250" Thickness		EJTALSC502A4		Call
3.00" Diameter x 0.125" Thickness		EJTALSC503A2		Call
3.00" Diameter x 0.250" Thickness		EJTALSC503A4		Call
4.00" Diameter x 0.125" Thickness		EJTALSC504A2		Call
4.00" Diameter x 0.250" Thickness		EJTALSC504A4		Call

### ■ Aluminum Nitride, AlN (Bond)

Size	Aluminum Nitride, AlN (99.8% Purity)	Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness		EJTALNX281A2		Call
1.00" Diameter x 0.250" Thickness		EJTALNX281A4		Call
2.00" Diameter x 0.125" Thickness		EJTALNX282A2		Call
2.00" Diameter x 0.250" Thickness		EJTALNX282A4		Call
3.00" Diameter x 0.125" Thickness		EJTALNX283A2		Call
3.00" Diameter x 0.250" Thickness		EJTALNX283A4	•	Call
4.00" Diameter x 0.125" Thickness		EJTALNX284A2		Call
4.00" Diameter x 0.250" Thickness		EJTALNX284A4		Call



Aluminum Nitride, AlN

### ■ Aluminum Oxide, Al<sub>2</sub>O<sub>3</sub> (Bond)

Size	Aluminum Oxide, Al <sub>2</sub> O <sub>3</sub> (99.99% Purity)	Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness		EJTALOX401A2	•	Call
1.00" Diameter x 0.250" Thickness		EJTALOX401A4	•	Call
2.00" Diameter x 0.125" Thickness		EJTALOX402A2	•	Call
2.00" Diameter x 0.250" Thickness		EJTALOX402A4	•	Call
3.00" Diameter x 0.125" Thickness		EJTALOX403A2	•	Call
3.00" Diameter x 0.250" Thickness		EJTALOX403A4	•	Call
4.00" Diameter x 0.125" Thickness		EJTALOX404A2	•	Call
4.00" Diameter x 0.250" Thickness		EJTALOX404A4		Call
6.00" Diameter x 0.125" Thickness		EJTALOX406A2		Call
6.00" Diameter x 0.250" Thickness		EJTALOX406A4		Call
8.00" Diameter x 0.125" Thickness		EJTALOX408A2		Call
8.00" Diameter x 0.250" Thickness		EJTALOX408A4		Call



Aluminum Oxide, Al<sub>2</sub>O<sub>3</sub>

**1980**

## Personal Computer

Bill Gates, Paul Allen and Kay Nishi make the final decision to accept the IBM® contract to produce languages and an operating system for the new microcomputer.

**Kurt J. Lesker** Company became the exclusive distributor for Vacuum Generators in the United States. Vacuum Generators offered a complete line of sample manipulation and UHV Components.

## ► Antimony, Antimony Telluride, Barium & Barium Compounds

### ■ Antimony, Sb (Porosity, Surface Imperfections)

Antimony, Sb (99.999% Purity)			
Size	Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness	EJTSBXX501A2	•	Call
1.00" Diameter x 0.250" Thickness	EJTSBXX501A4		Call
2.00" Diameter x 0.125" Thickness	EJTSBXX502A2	•	Call
2.00" Diameter x 0.250" Thickness	EJTSBXX502A4		Call
3.00" Diameter x 0.125" Thickness	EJTSBXX503A2		Call
3.00" Diameter x 0.250" Thickness	EJTSBXX503A4	•	Call

### ■ Antimony Telluride, Sb<sub>2</sub>Te<sub>3</sub> (Bond)

Antimony Telluride, Sb <sub>2</sub> Te <sub>3</sub> (99.999% Purity)			
Size	Part No.	Stocked Item	Price
1.00" Diameter x 0.125" Thickness	EJTSBTE501A2		Call
1.00" Diameter x 0.250" Thickness	EJTSBTE501A4		Call
2.00" Diameter x 0.125" Thickness	EJTSBTE502A2		Call
2.00" Diameter x 0.250" Thickness	EJTSBTE502A4		Call
3.00" Diameter x 0.125" Thickness	EJTSBTE503A2		Call
3.00" Diameter x 0.250" Thickness	EJTSBTE503A4		Call
4.00" Diameter x 0.125" Thickness	EJTSBTE504A2		Call
4.00" Diameter x 0.250" Thickness	EJTSBTE504A4		Call

