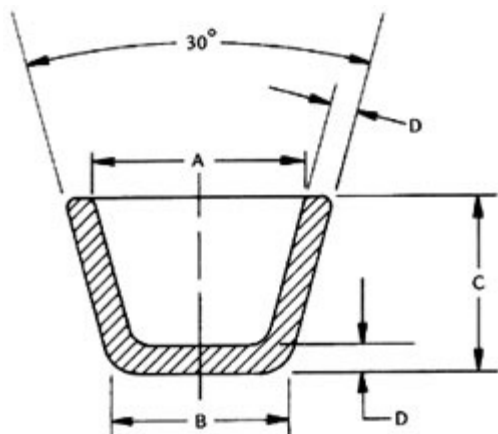


Mo, BN, Vit. Carbon, Intermetallic, Alumina, Cu, W & Graphite Crucibles - Listing

CRUCIBLE LINERS

Crucible Liners are very useful in electron-beam evaporation. They typically increase the evaporation rates of the material being deposited and they simplify the task of changing from one evaporation material to another. We manufacture and distribute crucible inserts made from; Molybdenum, Boron Nitride, Graphite and Vitreous Carbon. Each of these materials has its particular application/suitability as an liners:



Molybdenum (Mo)

Very strong material machined from solid rod. Do not use Moly inserts with metals which may alloy with it at melting temperatures.

Boron Nitride (BN)

Usually used in evaporation of Aluminum. Provides good thermal shock resistance.

Graphite (C)

Used regularly for many different types of evaporation materials. Will assist in increased evaporation rates.

Vitreous Carbon

Especially well suited to chemical etching processes because it is highly resistant to chemicals.

Crucibles are also available in Copper (Cu), Tantalum (Ta) and Tungsten (W) metals. Please inquire.

We ask that you specify part number and quantity when ordering. For special requirements, please [contact us](#), attaching a sketch of your hearth design and tolerances. **SIZE.**

4 Pocket Gun						
Intermetallic 6 Pocket Gun	N/A	N/A	N/A	N/A	N/A	515-2222-6
Aluminum Oxide 4 Pocket Gun	N/A	N/A	N/A	N/A	N/A	9998-9025-4
Aluminum Oxide 6 Pocket Gun	N/A	N/A	N/A	N/A	N/A	9998-9625-6
Tungsten 4 Pocket Gun	N/A	N/A	N/A	N/A	N/A	203-6025-4
Tungsten 6 Pocket Gun	N/A	N/A	N/A	N/A	N/A	9998-9052-6

40cc Crucible - For SFIH-270-2 and 2-inch -270° Sources						
Material	A	B	C	D	VOLUME	PART #
Molybdenum	1.512	1.456	1.093	.250	18cc	203-6512
Boron Nitride	1.658	1.456	1.093	.175	24cc	102-6640
Vitreous Carbon	1.852	1.456	1.055	.085	30cc	9998-9005
Intermetallic	1.852	1.456	1.055	.085	30cc	303-6872
Aluminum Oxide	1.852	1.456	1.055	.085	30cc	9998-9040
Copper	1.852	1.456	1.055	.085	30cc	701-0040
Tungsten	1.852	1.456	1.055	.085	30cc	9998-9042

Temescal part numbers are for reference purposes only.