

SPECIALIZED **FIREPROOF-CERAMIC** **PRODUCTS**



SINCE 2000

Made for jewellers by jewellers

AMERIO GRUPÈ



ABOUT US

Our company has specialized in the production of fireproof ceramic products since 2000. AG Crucibles quickly gained demand in Dubai and Europe. In 2001, our specialists developed a new technology called **SPECIAL CERAMIC**. Since 2003, we have mass-produced products under this name. We use only pure oxides in our production, ensuring high quality. Superior quality and competitive pricing set us apart in the market. Since 2014, we have expanded into Central Europe, where many jewelry businesses actively use AG Crucibles.

WHY CHOOSE US?

- AG Crucibles offer long-term durability.
- AG Group prides itself on strong client relationships, showing that our products provide excellent quality and longevity.
- AG Group offers the best prices and generous discounts for long-term and major clients.
- AG Group responds quickly to orders.

We specialize in fireproof ceramic crucibles, crafted with our exclusive technology, ensuring safe, high-quality molding, valued by our partners.

AMONG OUR PARTNERS



SILVERIDEA



JASPER
KAMIEŃ KORALE MUSZLE ELEMENTY SREBRNE



YOUR RELIABLE PARTNER FOR GOLDSMITH'S CRAFTSMANSHIP



02 FIREPROOF CERAMIC CRUCIBLES

(THIN-WALLED)

Fireproof ceramic crucibles are designed for hand fusing of precious metals and their alloys. They are fully resistant to thermal shock, contain no impurities that could contaminate the alloys, and remain neutral to both metals and aggressive environments. The maximum operating temperature reaches **2000 °C**.



No	Diameter (mm)	Height (mm)
0	40	15
1	45	17
2	50	18
3	55	22
4	60	23
5	65	27
6	70	27
7	75	30
8	80	32
9	85	32



KEY FEATURES

- ✓ Maximum operating temperature up to **2000 °C**
- ✓ For hand fusing of precious metals and alloys
- ✓ Fully resistant to thermal shock, no impurities
- ✓ Ten sizes available — from 40 mm to 85 mm diameter



03 GRAPHITE-CONTAINING CRUCIBLES

(THICK-WALLED)

Graphite-containing crucibles are designed for fusing precious metals and their alloys. With fusion temperatures up to **2000 °C**, they fully withstand thermal shock and fire changes.



No	Diameter (mm)	Height (mm)	Size
1a	54	20	
2a	67	27	
3a	81	32	
4a	107	37	

KEY FEATURES

- ✓ Resistant to thermal shock and rapid temperature changes
- ✓ Compatible with gold, silver, platinum and other precious metals
- ✓ Contains no impurities — keeps alloys pure
- ✓ Neutral to aggressive environments
- ✓ Long-term durability for repeated use

*Crafted with our proprietary **SPECIAL CERAMIC** technology for unmatched performance.*



04 CERAMIC FIREPROOF GLASSES

Ceramic fireproof glasses are used for fusing colored metals and their alloys, with fusion temperatures up to **2000 °C**. They contain no impurities that could contaminate the alloys and remain neutral to both metals and harsh environments.



No	Diameter (mm)	Height (mm)
1	48	57
2	60	68
3	70	80
4	80	96
5	95	110
6	100	125
7	110	140



KEY FEATURES

- ✓ Fusion temperatures up to **2000 °C**
- ✓ Designed for fusing colored metals and alloys
- ✓ Neutral to metals and aggressive environments
- ✓ No contaminating impurities
- ✓ Seven sizes available — from 48 mm to 110 mm diameter



05 CENTRIFUGAL MOLDING CRUCIBLES

Fire-resistant ceramic crucibles are designed for centrifugal molding of colored metals and their alloys, with fusion temperatures up to **1600 °C**. They contain no impurities that could contaminate the alloys and remain neutral to both metals and harsh environments.



No1



No2



No3



No4

No	Type	Capacity
1	Ceramic Crucible	77 g
2	Ceramic Crucible	280 g
3	Ceramic Crucible	280 g
4	Ceramic Crucible	400 g

KEY FEATURES

- ✓ Fusion temperatures up to **1600 °C**
- ✓ Designed for centrifugal molding of colored metals
- ✓ Specialized shape with integrated mounting projection
- ✓ No impurities — neutral to metals and aggressive environments
- ✓ Four sizes available — capacities from 77 g to 400 g



06 HIGH-FREQUENCY FOUNDRY CRUCIBLES

Fireproof ceramic crucibles for high-frequency foundry applications. They contain no impurities that could contaminate the alloys and remain stable under high temperatures up to **1500 °C**.



№1



№2



№3



№4



№5



№6



№7



№8

Available in multiple sizes and shapes for various foundry installations.

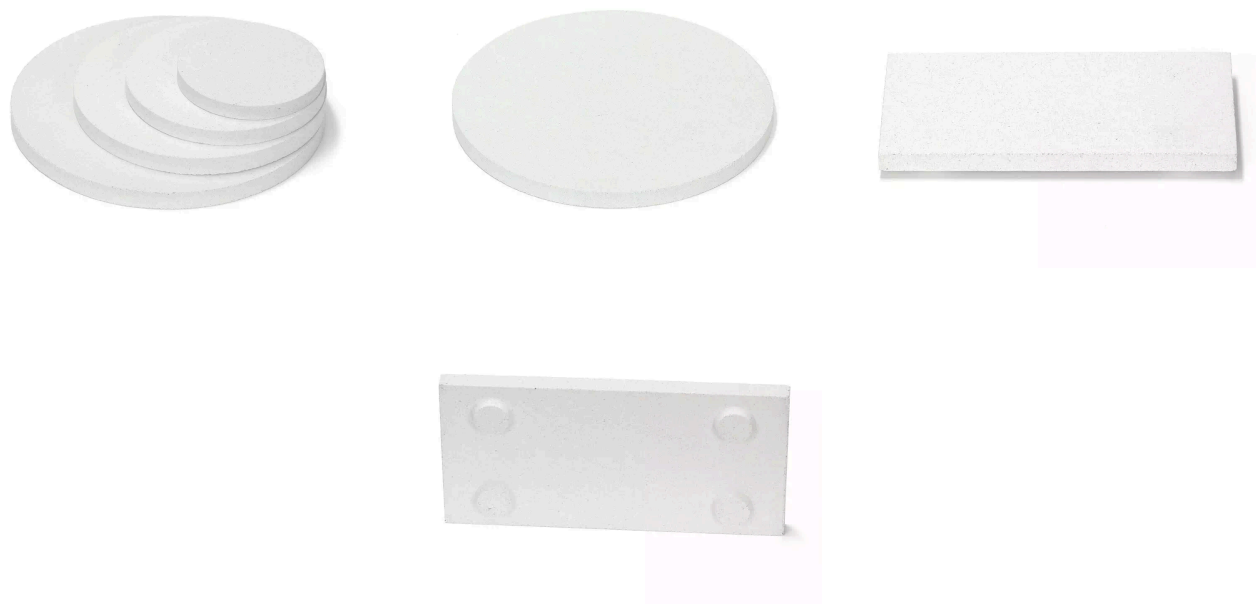
KEY FEATURES

- ✓ Stable under high temperatures up to **1500 °C**
- ✓ Contains no impurities — keeps alloys pure
- ✓ Integrated spout for controlled, precise pouring
- ✓ Optimized for high-frequency induction foundry installations
- ✓ Eight sizes and shapes, plus matching lid



07 CERAMIC BOARDS FOR SOLDERING

Ceramic boards designed for soldering work, available in round and rectangular shapes. Heat-resistant surface ideal for jewelry-making and metalwork.



No	Diameter (mm)	Length (mm)	Width (mm)
1	80	—	—
2	110	—	—
3	140	—	—
4	150	—	—
5	170	—	—
6	—	200	100

KEY FEATURES

- ✓ Available in round and rectangular shapes
- ✓ Heat-resistant surface for soldering and metalwork
- ✓ Ideal for jewelry making and fine craftsmanship
- ✓ Flat, stable working surface
- ✓ Six sizes available — from 80 mm to 200 × 100 mm



08 UNIVERSAL HOLDER FOR CRUCIBLES

Universal holder with regulated slider, length **320 mm**. Designed to fit all crucible sizes for safe handling during high-temperature operations.



KEY FEATURES

- ✓ Total length: **320 mm** — comfortable working distance from heat
- ✓ Regulated slider — fits all crucible sizes in our catalog
- ✓ Stainless steel frame — durable and corrosion-resistant
- ✓ Wooden handle — comfortable grip, heat-insulating
- ✓ Designed for safe handling during high-temperature operations



09 CRUCIBLES FOR ELECTRIC MELTING FURNACES

Fireproof ceramic crucible for high-quality electric melting furnaces, made from **special ceramic**.



Dimension	Value
Diameter	60 mm
Height	100 mm

KEY FEATURES

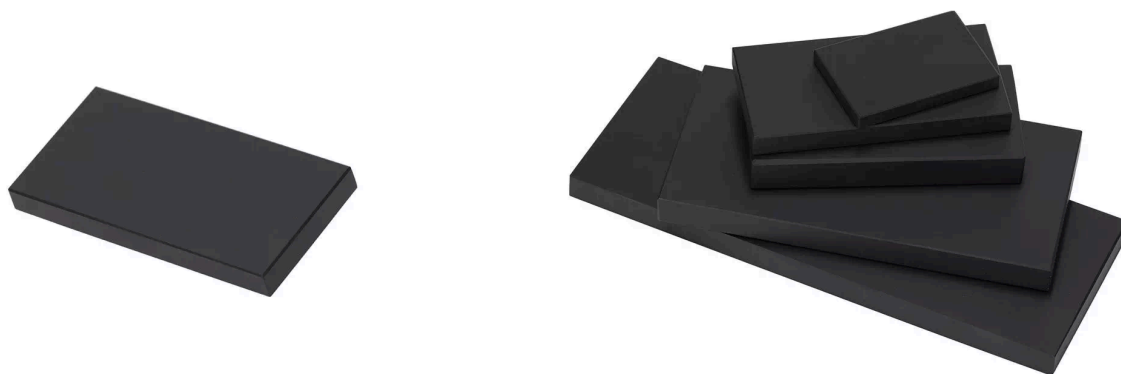
- ✓ Made from special ceramic for highest quality melting
- ✓ Corrugated outer surface designed for induction heating coils
- ✓ Withstands repeated heating cycles without cracking
- ✓ Includes matching ceramic ring lid
- ✓ Standard dimensions: 60 mm diameter × 100 mm height



10 TESTING STONE & CRUCIBLE BOAT

Testing Stone

Testing stone — black bar made from close-grain siliceous shale, ensuring a clear and precise assay.

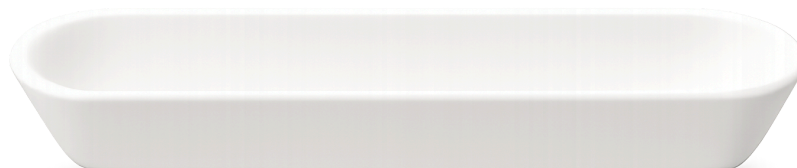


No	Product	Size
1	Testing Stone	40 × 60 mm
2	Testing Stone	60 × 80 mm
3	Testing Stone	80 × 100 mm
4	Testing Stone	100 × 120 mm
5	Testing Stone	120 × 140 mm

Crucible-boat ceramic (heat-resistant)

Maximum working temperature up to **2000 °C**.

Length: 83 mm · Width: 14 mm · Height: 10 mm





AMERIO GRUPÈ

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