

AgosiRefining

The cycle of precious metals

Our recycling management returns your scrap material to your cycle of precious metals. At Agosi, the precious metal recovered is of greatest purity and can directly be re-used for the production of alloys, semi-finished products and marketable fine metals.

Agosi offers the full range of precious metals services and efficiently supports the business activities of its customers in the precious metals markets.



Allgemeine Gold- und Silberscheideanstalt AG is part of Umicore, Brussels, a global materials technology group. It focuses on application areas where its expertise in materials science, chemistry and metallurgy makes a real difference. Umicore's overriding goal of sustainable value creation is based on an ambition to develop, produce and recycle materials in a way that fulfils its mission: materials for a better life. Its social commitment and innovative environmental approach have earned Umicore worldwide recognition; the corporation is among „World's Most Ethical Companies“ (Ethisphere 2012). www.umicore.com

With its subsidiaries in Austria, the Netherlands, Switzerland, Thailand, North- and South America, Agosi represents the core of the Umicore Business Unit Jewellery & Industrial Metals. It provides a closed-loop concept of precious metals services, products and refining for the precious metals consuming industries. At its RJC-CoC certified sites in Pforzheim and Thailand, Agosi can offer CoC-conform, responsibly produced gold of conflict-free and certified origin. www.agosi.de

Our General Terms and Conditions apply. (www.agosi.de/download).

printed on 100 % recycled paper



Agosi

Allgemeine Gold- und Silberscheideanstalt AG
Kanzlerstraße 17 | 75175 Pforzheim | Germany
Phone +49 7231 960-207 | Fax +49 7231 960-210
info@agosi.de | www.agosi.de

Part of the Umicore Group

2014-01 NETZWERKUNGSBÜRO

Precious Metal Blanks
Blanks for Medals and Coins
Investment Products
standard and individual Bars

AgosiPrecious Metal Blanks for Medals and Coins

Agosi – globally in use

Precious metal coin and medal blanks from Allgemeine Gold- und Silberschmelze AG (Agosi) have been in worldwide circulation for many years. Precision minting of the artist's design transforms these items into magnificent objects of value. Our clients mint them into popular collectibles in the form of medals and commemorative coins, and into coins as legal tender. Precious metal bars complete the range of this type of investment products.

Individual specifications

Agosi blanks are made to order in silver, gold, platinum, palladium and in various precious metal alloys, in practically all sizes and surface finishes up to and including high mirror finish. They are manufactured to the customer's specifications, are ideally suited to the intricacy of the design, and ensure a faithful reproduction of the pattern. Copper blanks in various dimensions add to the standard programme.

The flawless and homogeneous blanks are available either plane or rimmed, with narrow production and weight tolerances and unsurpassed striking and flow characteristics.

Excellent forming properties

A process quality management system controls the continuously extruded material as it passes through a series of differently sized rolling mills with high quality roller surfaces and other state-of-the-art forming machines in order to attain the specified dimensions. The result is a semi-finished product with first class forming and polishing properties. Test and/or CoC-certificates (gold) can be provided if required.

Alloys

ALLOY	composition weight %	hardness, recrystallized annealed ± 10 HV
fine silver	Ag ≥ 99,97	35
Ag 925	Ag 92,5; Rest Cu	70
Ag 900	Ag 90,0; Rest Cu	75
Ag 835	Ag 83,5; Rest Cu	80
Ag 800	Ag 80,0; Rest Cu	80
Ag 625	Ag 62,5; Rest Cu	90
Ag 500	Ag 50,0; Rest Cu	100
Ag 333	Ag 33,3; Rest Cu	100
fine gold	Au ≥ 99,99	30
coloured gold 986/-	Au 98,6; Rest Cu	35
coloured gold 917/53	Au 91,7; Ag 5,3; Rest Cu	55
coloured gold 900/50	Au 90,0; Ag 5,0; Rest Cu	80
coloured gold 750/200	Au 75,0; Ag 20,0; Rest Cu	85
coloured gold 585/415	Au 58,5; Ag 41,5	45
coloured gold 333/75	Au 33,3; Ag 7,5; Rest Cu	105
platinum	Pt ≥ 99,95	50
palladium	Pd ≥ 99,95	50
copper	Cu ≥ 99,95	90

Further alloys on request.

Qualities



SPECIAL QUALITY Bright rolled surface, fully annealed with uniform, fine grain structure. Each blank individually checked and vacuum packed on reusable trays. Especially suitable for mirror finish striking. For exceptionally high mirror finish requirements, polishing and ultrasonic cleaning before striking is recommended.

STANDARD QUALITY Rolled surface with or without finishing treatment, sample checked, manufactured and packed in bulk. Blanks without finishing treatment require polishing before striking.

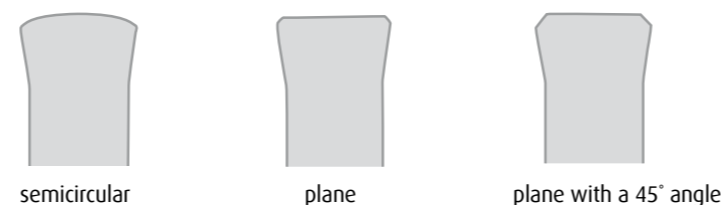
CURRENCY QUALITY Surface brush finished or drum polished, rimmed, manufactured and packed in bulk.

CNC-MANUFACTURED QUALITY For weights >= 500 grs per piece, vacuum-packed

SURFACE FINISHES bright rolled
drum polished
brushed
pickled
fine silver blanché
CNC-turned



RIMMED EDGE For blanks with diameters up to 50 mm



HARDNESS Other than fully annealed (see table) by agreement.

Dimensions

THICKNESS Standard range 0.3 – 4 mm, CNC manufactured 8.0 – 20 mm, tolerance according to weight tolerance specified

DIAMETER approx. 15 - 50 mm, tolerance ± 0.03 mm, no rim
tolerance ± 0.05 mm, rimmed
approx. 51 - 100 mm, tolerance ± 0.05 mm, no rim
(smaller tolerances on request)

WEIGHT PER BLANK For ordering, weight per blank and diameter (stamped and/or rimmed) suffice as determining factors.

The thickness is a function of these.

Weight tolerance per blank ± 1 % (smaller tolerances on request)
Total weight tolerance ± 0.5 % (smaller tolerances on request)



AgosiSheets|Strips

Pre-material is the basis for brilliant results

Brush-finished or bright-rolled sheets and strips with excellent minting properties for the production of discs and medals, with ideal surface characteristics for the manufacturing of high-quality coins and investment products. It is our ambition to realize our customers' specifications in the form of products that are ideally suited to their various applications. Whether sheet or strips – only the best material ensures efficient processing further down the line.

AgosiInvestmentProducts

Customer-specified bars in fine gold or fine silver

As an LBMA-accredited producer of bars, Agosi offers individually designed investment bars with your company logo and – if required – corresponding certificates, Agosi stamp and packaging. The Agosi range comprises all the conventional sizes: gold bars 1 gr up to 400 oz, silver bars 10 grs up to 1000 oz, platinum bars 50 grs up to 1000 grs, palladium bars 10 grs up to 1000 grs. Customers are certainly welcome to discuss their specific ideas regarding dimensions and weights with us.

AgosiPreciousMetalsServices

Global connections

In the precious metals sector, Agosi is an important closed-loop refiner, producer of semi-finished products and raw material supplier for gold, silver, platinum and palladium. Our precious metals services department has online access to the world's major trading centres to guarantee the best possible supply of fine metals.

The Agosi trading team deals with all purchase and sales contracts properly, punctually and reliably. It handles accounts and the delivery of precious metals and is an indispensable link in the cycle of precious metals, ensuring the safe management and supply of your precious metals.

Conflict-free gold

Agosi is a certified member of the Responsible Jewellery Council (RJC), London. On the basis of its RJC-certified Chain of Custody Standard, Agosi is the first German supplier on the precious metals markets that offers fine gold of certified origin from conflict-free and ethically responsible sources. The RJC CoC-certificate stands for sustainability and testifies that supply chains are strictly monitored and products are manufactured responsibly.

As an LBMA-accredited Good Delivery refiner (gold and silver bars), Agosi and its CoC-status meet the standards of the Gold Guidance programme of the London Bullion Market Association (LBMA).

