

Cookson Industrial

We offer comprehensive solutions that revolutionise the way industries interact with precious metals, such as Gold, Silver and Platinum.

From patented alloys and state-of-the-art manufacturing processes to the latest laboratory analysis techniques, we empower businesses to redefine the use of precious metals in industry.



Cookson Industrial brings over 100 years of precision manufacturing, sustainability and innovation to every project, making us a highly trusted industry partner."

Discover the future of precious metal solutions with Cookson Industrial – where tradition meets transformation

Industries Including:

Aerospace
Electronic
Medical & Dental
Automotive
Space

Redefining precious metals for industry

For more information on our product, services or general inquiries to discuss your specific requirements please contact:

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 **Cookson Industrial**
Heimerle + Meule Group

Redefining precious metals for industry

Delivering a full-solution in the supply of precious metals for industrial applications.

 **Cookson Industrial**
Heimerle + Meule Group

Our production capabilities

Delivering innovative end to end solutions.



Additive Manufacturing

We offer unique Additive Manufacturing services; production-ready components, intricate geometries, and samples in a variety of precious metal alloys. Additionally, we have in-house capabilities that allow us to produce part specific jigs and fixtures to quickly and accurately aid manufacturing. With various SLM systems, extensive industry experience, and a proficient CAD team, we are able to provide comprehensive Additive Manufacturing solutions from start to finish.



Brazing Alloys / Atomised Powder

We manufacture brazing alloys in wire, sheet and our in house manufactured atomised powder. With the ability to produce high purity precious metals, in a completely spherical, clean oxide-free powder. Be it a standard alloy or bespoke made to order we can supply it in any form you require. We also hold various alloys and solders which we can ship out from out stock.



Electroplating

As part of the H+M Group, we have the best access to a wide range of electroplating equipment and chemicals with smaller quantities also available from stock. Additionally, we can also supply larger industrial plating shops with products such as anodes, gold potassium cyanides and silver salts.



Sputtering Targets

Targets can be manufactured in disc or sheet form, to a thickness of 0.1mm*. Cookson Industrial also has a wide range of existing tooling so whatever your diameter requirement, we have it covered.



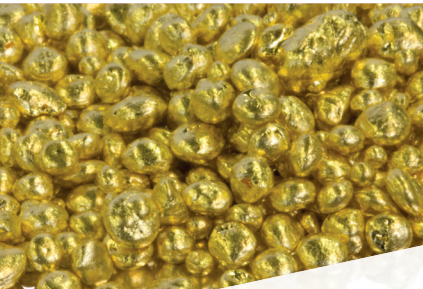
Tubes

Tubes can be manufactured with very small interior diameters, extremely thin walls and long lengths.



Wire

Cookson Industrial is vastly experienced in wire drawing, and can offer diameters of 0.1mm*. Advanced mechanical testing is available to provide results such as ultimate tensile strength, elongation and breaking loads.



Grain

We can manufacture grain in a range of high purity precious metals, including platinum, gold, silver and palladium.



Refining

With a refinery on site we can analyse and melt your metal. Once the metal has been refined, you can either receive a financial settlement or hold the metal in an account with Cookson Industrial, which can then be used against future orders or left as an investment.



Sheet

World class rolling capabilities available at Cookson Industrial for high purity metals, or bespoke alloys. The surface finish is high quality, flat and scratch-free.

Why choose Cookson Industrial

Cookson Industrial pioneers comprehensive solutions across industries like automotive and aerospace, guiding clients through the entire material development lifecycle. From initial selection to custom design, our expertise in material science ensures tailored solutions for diverse applications.

With a diverse portfolio of precious metals, including gold, silver, platinum, palladium and more we cater to all unique needs. Backed by skilled metallurgists and engineers, we guarantee precision and care in every project, offering manufacturing in many different thicknesses, diameters and lengths.

Our commitment to process optimisation drives us to deliver top-tier quality and efficiency. Plus, we offer competitive pricing and flexible project management to meet financial needs.

Unlock the potential of precious metals with Cookson Industrial.

Product Overview

Precious metal semi-finished products and contact materials

			Gold alloy	Silver alloy	Pt alloy
Sheet + strip	Thickness	[mm]	0.1 - 4.1	0.1 - 4.1	0.1 - 4.00
	Width-sheets	[mm]	3.0 - 100.00	3.0 - 100.00	3.0 - 100.00
	Width-strips	[mm]	3.00 - 25.00	3.00 - 25.00	3.00 - 100.00
	Length	[mm]	o.r.*	o.r.*	o.r.*
Wires	Round	[mm]	0.10 - 8.00	0.10 - 8.00	0.25 - 6.00
	Rolled section	[mm]	0.60 - 16.00	0.60 - 16.00	2.30 - 6.00
	Square	[mm]	0.50 - 8.00	0.50 - 8.00	2.00 - 6.00
	Special Profiles		o.r.*	o.r.*	o.r.*
Rods + bars	Round	[mm]	0.25 - 30.00	0.25 - 30.00	0.25 - 5.00
	Square	[mm]	1.00 - 8.00	1.00 - 8.00	2.00 - 6.00
	Special profiles		o.r.*	o.r.*	o.r.*
Turned and milled parts			o.r.*	o.r.*	o.r.*
Tubes	Round + shaped	[mm]	A/ext. - Ø max 42.00	A/ext. - Ø max 56.00	A/ext. - Ø max 33.00
			A/ext. - Ø min 0.64	A/ext. - Ø min 0.64	A/ext. - Ø min 1.00
			Wall max 6.50	Wall max 6.50	Wall max 6.50
			Wall max 6.50	Wall max 6.50	Wall max 6.50
Anodes	Thickness	[mm]	1.00 - 7.00	1.00 - 15.00	
	Width	[mm]	50.00 - 200.00	50.00 - 400.00	max. 10kg / item
	Drilling		o.r.*	o.r.*	
	Rod anodes	[mm]		Ø 11.00	
	Anode sections	[mm]		Ø 11.00 x 10.00	
	Bar anodes	[mm]		Ø 11.00 x 200.00	
	Dogbone Anodes	[mm]	76mm wide / 15mm edge bead / 10mm web thickness		
Targets + sputtering materials	Diameter	[mm]	Ø 25.00 and / or 57.00	Ø 25.00 and / or 57.00	Ø 25.00 and / or 57.00
	Thickness	[mm]	0.10 - 1.00	0.10 - 1.00	0.10 - 1.00
Continuous casting material	Wires	[mm]	Ø 4.00 - 7.00	Ø 4.00 - 7.00	
	Rods	[mm]	Ø 18.00 - 42.00	Ø 18.00 - 42.00	
	Sheets				
	~Thickness	[mm]	10.00 - 15.00	10.00 - 15.00	
	~Width	[mm]	100.00 - 110.00	100.00 - 110.00	
	Strip				
	~Thickness	[mm]	3.00	3.00	
	~Width	[mm]	30.00 - 100.00	30.00 - 100.00	
	Tubes				
	~OD Ø	[mm]	33.00-42.00	33.00-42.00	
	~ID Ø	[mm]	26.00-33.00	26.00-33.00	

*On request