



FOR CREATIVE HANDCRAFTED JEWELLERY

Semi-finished product range

WWW.KOOS.DE

Stability, Solidity, Seriousness – Values we feel committed to pursuing.

Gold and precious metals represent the epitome of lasting value and people today are seeking them in ever greater numbers.



Dear Sir or Madam,

Established in 1980, our company KOOS Edelmetalle has become exceptionally well known in the industry for its seriousness, solidity and uncompromising quality over the decades.

As a family-owned and operated medium-sized company, we maintain direct, personal contact with our customers and address their wishes quickly, easily and individually thanks to our flat hierarchy.

Best regards,

A handwritten signature in blue ink, consisting of stylized, flowing letters that appear to be 'S-M Koos'.

Sven-Michael Koos



Here for you

Located in Renningen, Germany, between Pforzheim and Stuttgart, the region strongly embodies its middle class values.

Visit us and experience our unique, instant, **2-hour recycling service** for yourself.

We recommend you make an appointment right away.

Our business areas

Reliability, straightforwardness, cautiousness and a sense of moderation: these are virtues literally worth their weight in gold.

They are the basis of our long-standing partnerships with our customers in all our business areas.



Precious metals

KOOS offers a vast range for flexible investment: gold, silver, platinum and palladium – precious metals with the greatest imaginable estimation.

- Investment Card
- CombiBars™
- Investment bars & coins
- Fine metals
- Semi-finished products
- Precious metal rates



Scrap

KOOS is one of the leading companies for precious metal recycling. Simple transactions, excellent reliability, quick processing.


- State-of-the-art equipment and techniques
- ERP-guided process and material documentation
- Perfectly coordinated and digital workflow
- Collection, instant and despatch services
- Glass smelting foundry on site



Jewellery

KOOS offers an extremely strong-selling range of jewellery. For jewellers, goldsmiths, and precious metal wholesalers and retailers.

- Delivery from warehouse of orders starting with 1 piece, within 24 hours
- POS sales support using advertising materials
- Three eye-catching advertising lines
- Customer portal with comprehensive online shop



Materials with intrinsic value
to inspire your creativity.

SVEN-MICHAEL KOOS
Managing Director KOOS Edelmetalle GmbH

Semi-finished products for creative handcrafted jewellery

The jewellery designer's creativity and fantasy need a good foundation. KOOS EDELMETALLE offers a broad range of semi-finished products in gold, silver, platinum and palladium alloy for handcrafted jewellery.



Custom production

If you need particular alloys, sizes or products that aren't listed among our standard products, we'll be glad to help you out.

Simply give us a call or send us an e-mail.



Fine metal pellets and sheets

As a processing material for goldsmiths, our gold and silver comes in the form of pellets, each with a fine content of 99.99 %.

Our platinum and palladium comes in the form of sponges or powders or as sheets with a fine content of 99.95 %.

No minimum order volume

We also deliver small order volumes without minimum mould costs: just the way you want and need it.

Short delivery times

Order merchandise in stock and we'll deliver it as soon as possible after you order. We deliver all other products in about four workdays.

Ring blanks

Ring sizes: 42, 46, 50, 54, 58, 62, 66, 70, 74 • Ring width mm: as directed

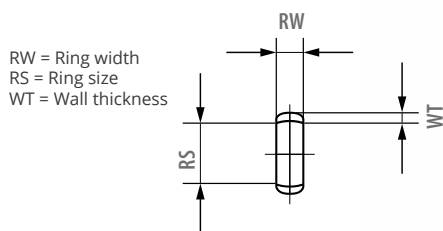
Alloy	Colour	Supplied hardness HV
Silver		
Ag 935 *	white	120

Coloured gold		
Au 333	yellow	130
Au 333	red	120
Au 376	yellow	130
Au 376	red	120
Au 585	deep yellow	150
Au 585	rosé	170
Au 585	red	130
Au 750	yellow 2 N	140
Au 750	rosé 4 N	160
Au 750	red	180

White gold		
Au 376 – Pd 12	white	160
Au 585 – Pd 14 **	white	170
Au 750 – Pd 13,5	white	150

Platinum		
Pt 952 W Ru	white	200

Palladium		
Pd 500 W Ru	grey	170
Pd 950 W Ru	grey	150



Additional dimensions and alloys upon request.

Note: All blanks contain a number processing fee. The indicated supplied hardness is subject to technical fluctuations.

* The Ag alloy 935 (any wall thickness) is also available in the following ring sizes: 44, 48, 52, 56, 60, 64, 68 and 72.

** The Au alloy 585 – Pd 14 (wall thicknesses 2.0 and 2.5 mm) is also available in the following ring sizes: 44, 48, 52, 56, 60, 64, 68 and 72.

□ Delivery time: approx. 4 working days

RING BLANKS

Wall thickness in mm						
	1,75	2,15	2,65	3,15	3,65	4,15

	□	□	□	□	□	□
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Wall thickness in mm						
1,3	1,6	2,0	2,5	3,0	3,5	4,0

□	□	□	□	□		
□	□	□	□			
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

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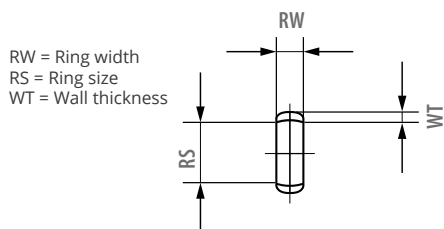
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Profile blanks

Ring sizes: 42 – 74 • Ring width: 3 – 10 mm • Wall thickness: 1.3 – 3.5 mm

Alloys	Colour	Supplied hardness HV	PROFILE RING BLANKS					
			round	oval	navette	curved inward	curved outward	curved inward and outward
Silver	white	120						
								
Ag 935			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coloured gold								
Au 333	yellow	130	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 333	red	120	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 376	yellow	130	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 376	red	120	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 585	deep yellow	150	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 585	rosé	170	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 585	red	130	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 750	yellow 2 N	140	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 750	rosé 4 N	160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 750	red	180	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
White gold								
Au 376 – Pd 12	white	160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 585 – Pd 14	white	170	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Au 750 – Pd 13,5	white	150	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Platinum								
Pt 952 W Ru	white	200	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



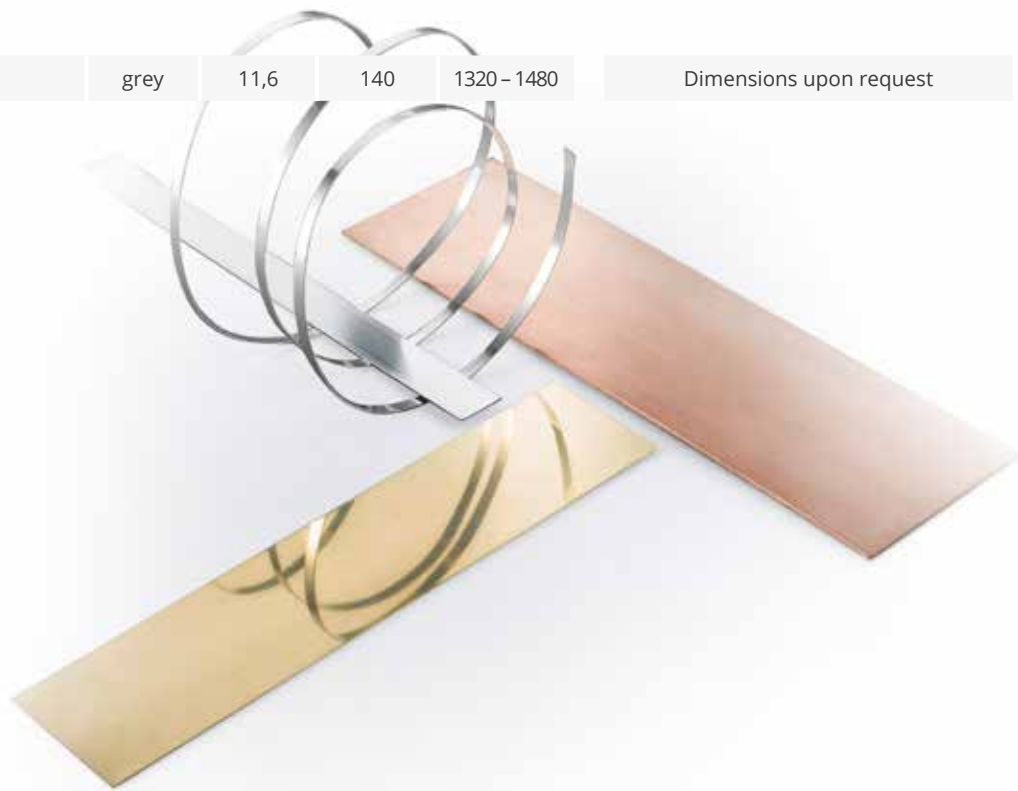
Additional dimensions and alloys upon request.

☐ Delivery time: approx. 4 working days

Sheet, band

Delivery condition: soft

Alloys	Ag content ‰	Colour	Thick-ness g/ cm3	Annealed hardness HV5	Smelting interval °C	Strength in mm					
						0,5	0,8	1,0	1,5	2,0	3,0
Silver											
Ag 935	935	white	10,3	70 – 90	825 – 900	■	■	■	■	■	■
Coloured gold											
Au 333	90	yellow	10,6	110	820 – 910	■		■	■	■	■
Au 585	330	yellow	14,0	130	860 – 930	■		■	■	■	■
Au 585	5	red	12,9	120	925 – 975			■		■	
Au 750 (VDF)	150	yellow 2 N	15,5	140	855 – 900	■		■	■	■	■
Au 750	40	red	15,0	185	900 – 930			■		■	
White gold											
Au 585 – Pd 14	185	white	14,3	145	1015 – 1105			■		■	
Au 750 – Pd 13,5	20	white	15,9	135	1045 – 1135			■		■	
Platinum											
Pt 952 W Ru		white	21,0	170	ca. 1800	Dimensions upon request					
Palladium											
Pd 950 W Ru		grey	11,6	140	1320 – 1480	Dimensions upon request					



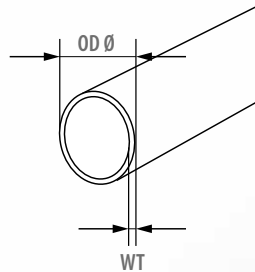
Width: max. 100 mm • Length: max. 500 mm
Additional dimensions and alloys upon request.
■ Delivery time: from stock

Round tubes

Delivery condition: hard enough to draw

Alloys	Ag content ‰	Colour	Thick- ness g/ cm3	An- nealed hard- ness HV5	Smelting interval °C	Round tubes						
						AD Ø	2,0	3,0	4,0	5,0	6,0	10,0
						WS	0,5	0,5	0,5	0,5	0,5	1,0
Silver												
Ag 935	935	white	10,3	70 – 90	825 – 900	■	■	■	■	■	■	■
Coloured gold												
Au 333	90	yellow	10,6	110	820 – 910	Dimensions upon request						
Au 585	330	yellow	14,0	130	860 – 930	■	■	■	■	■	■	■
Au 750	140	yellow	15,4	130	850 – 890	■	■	■	■	■	■	■
White gold												
Au 585 – Pd 10	280	white	14,4	100	1055 – 1150	■	■	■	■	■	■	■
Au 750 – Pd 13,5	20	white	15,9	135	1045 – 1135	■	■	■	■	■	■	■
Platinum												
Pt 952 W Ru		white	21,0	170	ca. 1800	Dimensions upon request						
Palladium												
Pd 950 W Ru		grey	11,6	140	1320 – 1480	Dimensions upon request						

OD Ø = Outer diameter (mm)
WT = Wall thickness (mm)



Length: max. 500 mm

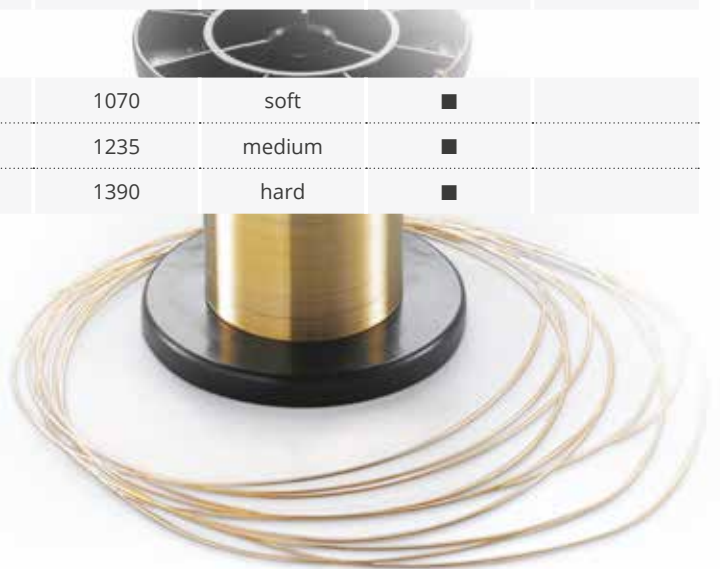
Additional dimensions and alloys upon request.

■ Delivery time: from stock

Solders

Alloys		Ag content ‰	Colour	Working temperature °C	Flowing behaviour	Sheet 0.3mm	Wire 0.5mm
Silver							
L-Ag 60 Sn	Silver solder	600	white	680	soft	■	■
L-Ag 60	Silver solder	600	white	710	medium	■	■
L-Ag 67	Silver solder	670	white	730	hard	■	■
L-Ag 75	Silver solder	750	white	770	extra hard	■	■
Coloured gold							
L-Au 333 W	Coloured gold solder	340	yellow	715	soft	■	■
L-Au 333 M	Coloured gold solder	365	yellow	740	medium	■	■
L-Au 333 H	Coloured gold solder	360	yellow	755	hard	■	■
L-Au 585 W	Coloured gold solder	161	yellow	710	soft	■	■
L-Au 585 M	Coloured gold solder	150	yellow	750	medium	■	■
L-Au 585 H	Coloured gold solder	140	yellow	790	hard	■	■
L-Au 585 H	Coloured gold solder	75	red	890	hard	■	
L-Au 750 W	Coloured gold solder	100	yellow	750	soft	■	■
L-Au 750 M	Coloured gold solder	77,5	yellow	780	medium	■	■
L-Au 750 H	Coloured gold solder	70	yellow	815	hard	■	■
White gold							
L-Au 585 W	White gold solder	165	white	740	soft	■	
L-Au 585 M	White gold solder	195	white	790	medium	■	
L-Au 585 H	White gold solder	315	white	815	hard	■	
L-Au 750 W	White gold solder	129	white	760	soft	■	
L-Au 750 M	White gold solder	160	white	800	medium	■	
L-Au 800 H	White gold solder		white	880	hard	■	
Platinum							
L-Pt W	Platinum solder	590	white	1070	soft	■	
L-Pt M	Platinum solder	320	white	1235	medium	■	
L-Pt H	Platinum solder	100	white	1390	hard	■	

■ Delivery time: from stock



Founding

Alloys	Ag content ‰	Colour	Thickness g/cm ³	Annealed hardness HV5	Smelting interval °C	Preheat temperature °C	Founding temperature °C
Silver							
Ag 935	935	white	10,3	65	825 – 900	ca. 600	1000 – 1100
Coloured gold							
Au 333	90	yellow	10,6	110	820 – 910	ca. 600	1010 – 1110
Au 585	335	yellow 0 N	14,0	120	870 – 930	ca. 600	1030 – 1130
Au 585	70	light red	13,2	140	870 – 940	ca. 600	1040 – 1140
Au 750 (VDF)	150	yellow 2 N	15,5	130	855 – 900	ca. 600	1000 – 1100
Au 750 (VDF)	125	deep yellow 3 N	15,4	150	890 – 915	ca. 600	1015 – 1115
White gold							
Au 585 – Pd 14	185	white	14,3	140	1015 – 1105	ca. 650	1205 – 1305
Au 750 – Pd 15		white	15,7	150	1030 – 1115	ca. 650 – 700	1215 – 1315
Platinum							
Pt 950 Co 5		white	20,2	135	1730 – 1740	ca. 1000	ca. 2000

Additional dimensions and alloys upon request.

□ **Delivery time:** approx. 4 working days

Round wire, shaped wire

Delivery condition: soft

Alloys	Ag content %	Colour	Thick-ness g/cm3	Annealed hardness HV5	Smelting interval °C	Round wire in mm						Shaped wire in mm	
						0,5	1,0	1,5	2,0	3,0	4,0	3,6	6,4
Silver													
Ag 935	935	white	10,3	70 – 90	825 – 900	■	■	■	■	■	■	■	■
Coloured gold													
Au 333	90	yellow	10,6	110	820 – 910	■	■		■	■	■	■	■
Au 585	335	yellow 0 N	14,0	120	870 – 930	■	■		■	■	■	■	■
Au 585	5	red	12,9	120	925 – 975		■		■			■	■
Au 585	150	rosé	13,4	170	850 – 890							■	■
Au 750 (VDF)	150	yellow 2 N	15,5	140	855 – 900	■	■		■	■	■	■	■
Au 750	90	rosé 4 N	15,2	155	870 – 885							■	■
Au 750	40	red	15,0	185	900 – 930		■		■			■	■
White gold													
Au 585 – Pd 14	185	white	14,3	145	1015 – 1105		■		■			■	■
Au 750 – Pd 13,5	20	white	15,9	135	1045 – 1135		■		■			■	■
Platinum													
Pt 952 W Ru		white	21,0	170	ca. 1800							■	■
Palladium													
Pd 950 W Ru		grey	11,6	140	1320 – 1480							■	■

Additional dimensions and alloys upon request.

■ Delivery time: approx. 4 working days

CUSTOMER AREA, ONLINE SHOP & CUSTOMER CENTRE

The new high performance KOOS customer portal.

Tailored to jewellers, goldsmiths, and precious metal
wholesalers and retailers.

AVAILABLE
AROUND-THE-CLOCK



COMPREHENSIVE
OVERVIEW OF RATES



REAL-TIME PURCHASE
AND SELLING PRICES



PERSONAL
CUSTOMER AREA



JEWELLERY AND
INVESTMENT SHOP



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PRECIOUS METAL
ACCOUNT

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