

**IQ PREMIUM  
A**

**SPEED & SURFACE  
COMPARISON**

**IQ PREMIUM  
SPEED**

**IQ PREMIUM  
BRASS**



SURFACE

BACK  
TO  
MENU

IQ PREMIUM  
A

IQ PREMIUM  
BRASS

IQ PREMIUM  
SPEED

SPEED

**TANSO**  
Svenska Tanso AB



# SVENSKA TANSO IQ PREMIUM BRASS FOR IMPROVED ACCURACY

BACK  
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CORE	CuZn40
COATING	None, paraffin-free
TENSILE STRENGTH	980 N/mm <sup>2</sup>
ELONGATION	>2 %
COLOR	Gold

- IMPROVED ACCURACY
- EXCELLENT AUTOTHREADING
- PERFECT STRAIGHTNESS
- CLEAN WIRE SURFACE
- FREE FROM PARAFFIN



Beta phase brass alloy.  
Ultra smooth and completely  
clean wire surface.

## AVAILABILITY

	K 160	K 200	K 250	P 10	P 15
Ø 0.20	✓				
Ø 0.25	✓	✓	✓	✓	✓
Ø 0.30		✓			

\*Other diameters and spools on request



# SVENSKA TANSO IQ PREMIUM BRASS FOR IMPROVED ACCURACY

BACK  
TO  
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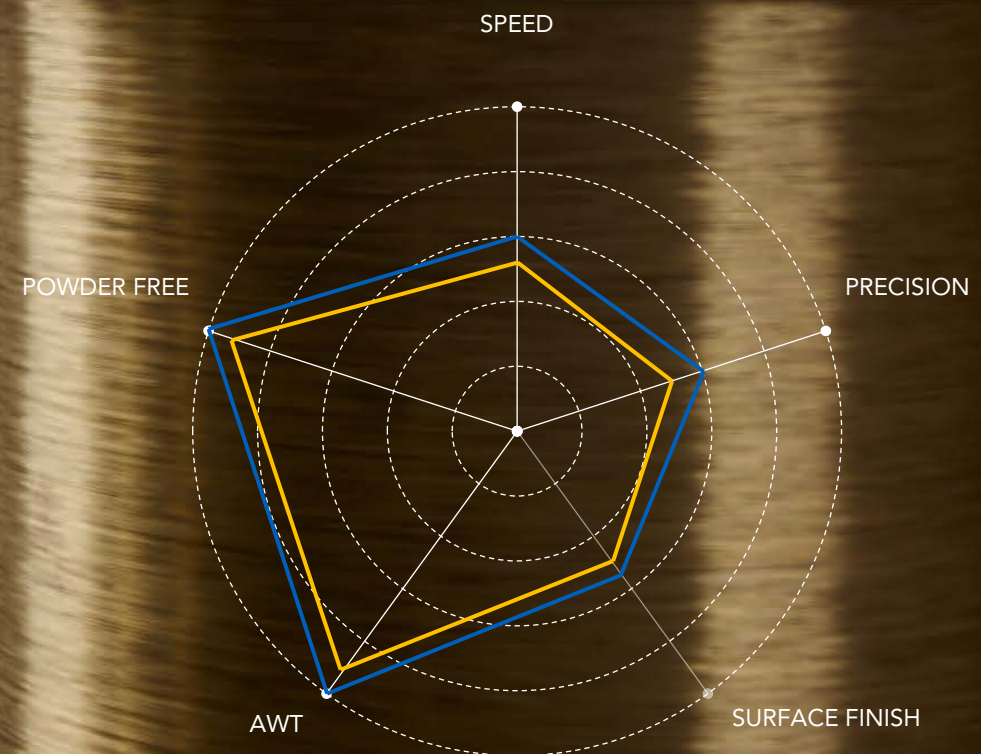
## IQ PREMIUM BRASS

is as the name indicates a **PREMIUM** brass wire manufactured from a very **PURE** zinc enriched beta phase brass alloy, this **60:40** core wire has been especially developed to be a perfect match for all **JAPANESE MACHINES** as **FANUC**, **MAKINO**, **MITSUBISHI** and **SODICK**.

The surface of the **IQ PREMIUM BRASS** wire is ultra smooth and free from any deposits like drawing oil or brass dust.

Cutting speed is about 5% higher compared to other brass wire.

Best possible Ra ~0.22  $\mu\text{m}$



IQ PREMIUM BRASS  
STANDARD BRASS WIRE



# SVENSKA TANSO IQ PREMIUM A FOR PREMIUM SURFACE FINISH

BACK  
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MENU

CORE	CuZn40
COATING	High purity Zinc
TENSILE STRENGTH	900 N/mm <sup>2</sup>
ELONGATION	1.5 %
COLOR	Silver glossy



- SUPERIOR SURFACE FINISH
- IMPROVED ACCURACY
- REDUCED CORROSION IN THE CUT SURFACE
- EXCELLENT AUTOTHREADING

## AVAILABILITY

	K 160	K 200
Ø 0.25	√	√

\*Other diameters and spools on request



# SVENSKA TANSO IQ PREMIUM A FOR PREMIUM SURFACE FINISH

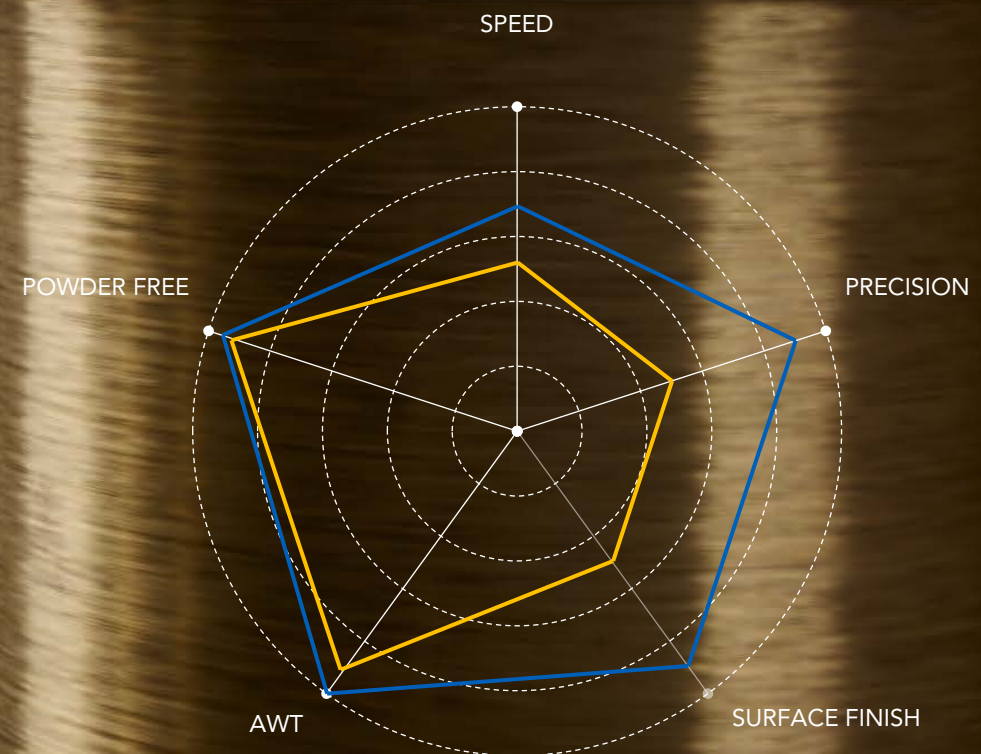
BACK  
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## IQ PREMIUM A

zinc coated brass wire of **HIGHEST QUALITY**. When the main task is to reach very fine surfaces this might very well be the right solution for you. The surface of this high gloss polished wire is free from zinc dust and leaves no lines in the eroded surface as a low quality wire do from time tot time. Suitable for all machines when a good surface finish is the top priority.

Cutting speed is about 10% higher compared to **IQ PREMIUM BRASS**.

Best possible Ra ~0.10  $\mu\text{m}$



IQ PREMIUM A

STANDARD BRASS WIRE

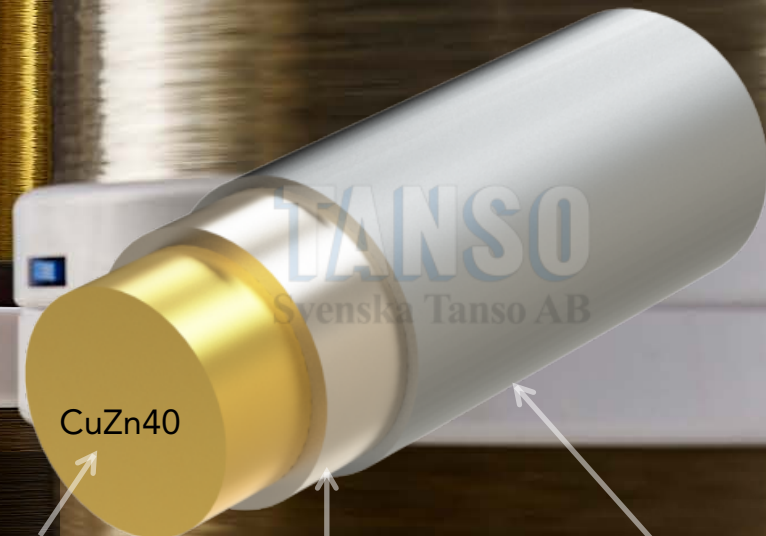


# SVENSKA TANSO IQ PREMIUM SPEED FOR MAXIMUM PRODUCTIVITY

BACK  
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CORE	CuZn40
COATING	PATENTED
TENSILE STRENGTH	875 N/mm <sup>2</sup>
ELONGATION	2 %
COLOR	Silver/Bronze

- FOR MAXIMUM PRODUCTIVITY
- PERFECT IN POOR FLUSHING CONDITIONS
- FEWER WIRE BREAKS
- EXCELLENT AUTOTHREADING
- ALSO THE BEST WIRE FOR ALUMINUM, INCONEL, TITANIUM



IQ PREMIUM BRASS

Intermediate alloy for high power discharge/fast cutting

Fractured high purity gamma phase zinc layer for best possible surface finish

## AVAILABILITY

	K 160	K 200	P 10	P 15
Ø 0.20		✓		
Ø 0.25	✓	✓	✓	✓

\*Other diameters and spools on request



# SVENSKA TANSO IQ PREMIUM SPEED FOR MAXIMUM PRODUCTIVITY

BACK  
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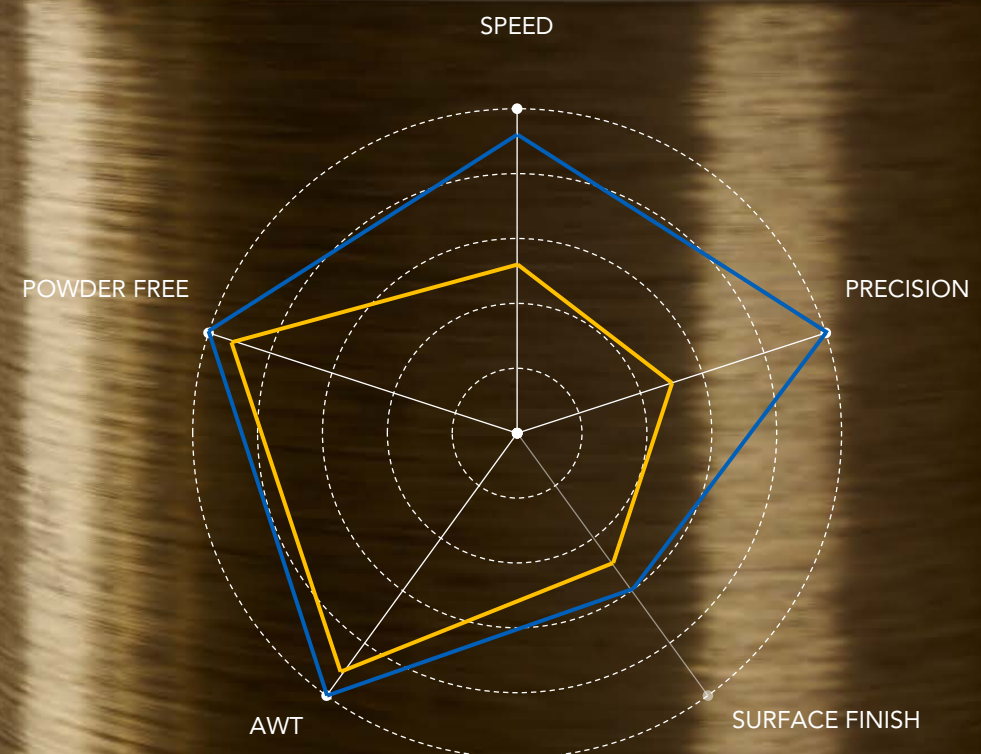
## IQ PREMIUM SPEED

is the new reference for **HIGH SPEED MACHINING** in all Japanese machines. Developed to be a **PERFECT MATCH** with standard machine parameters. Significantly **INCREASED CUTTING SPEED** and better cutting parallelism (straighter cuts), improved **SURFACE** finish compared to most other high quality wires.

- FREE FROM PARAFFIN
- EXTREMELY CLEAN WIRE SURFACE
- IMPROVED ACCURACY

Cutting speed is about 35% higher compared to **IQ PREMIUM BRASS**.

Best possible Ra ~0.20  $\mu\text{m}$



IQ PREMIUM SPEED  
STANDARD BRASS WIRE



# SVENSKA TANSO IQ PREMIUM SPEED IS CHEAPER THAN BRASS

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	STANDARD BRASS WIRE	IQ PREMIUM SPEED	
WIRE DIAMETER	0.25	0.25	mm
WIRE FEED RATE	10	10	m/min
PRICE	<b>8.50</b>	<b>12.00</b>	EUR/kg
MACHINE COST	30	30	EUR/h
NUMBER OF MACHINES	1	1	PCE
MACHINING TIME	<b>64,0</b>	<b>41,6</b>	h
USED LENGTH OF WIRE	<b>38 400</b>	<b>24 960</b>	m
USED WEIGHT OF WIRE	<b>16,00</b>	<b>10,40</b>	2 400m/kg
ACTUAL COST FOR THE WIRE	<b>136</b>	<b>125</b>	EUR
MACHINING COST	<b>1 920</b>	<b>1 248</b>	EUR
TOTAL COST	<b>2 056</b>	<b>1 383</b>	EUR
	<b>SAVINGS:</b>	<b>683</b>	EUR

\*The final result may vary depending on machine type, work piece material and job conditions.



# SVENSKA TANSO IQ PREMIUM WIRES CUTTING SPEED

BACK  
TO  
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CUTTING SPEED

IQ PREMIUM BRASS

IQ PREMIUM A

IQ PREMIUM SPEED



# SVENSKA TANSO IQ PREMIUM WIRES SURFACE FINISH

BACK  
TO  
MENU

## SURFACE FINISH

IQ PREMIUM BRASS

IQ PREMIUM A

IQ PREMIUM SPEED



# SVENSKA TANSO IQ PREMIUM WIRES PRECISION

BACK  
TO  
MENU

PRECISION

IQ PREMIUM BRASS

IQ PREMIUM A

IQ PREMIUM SPEED



SURFACE

BACK  
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IQ PREMIUM  
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IQ PREMIUM  
BRASS

IQ PREMIUM  
SPEED



SPEED

**TANSO**  
Svenska Tanso AB





SVENSKA TANSO  
**IQ PREMIUM WIRES**  
HIGH QUALITY MADE AFFORDABLE

BACK  
TO  
MENU

IMPROVED  
QUALITY





SVENSKA TANSO  
**IQ PREMIUM WIRES**  
HIGH QUALITY MADE AFFORDABLE

BACK  
TO  
MENU

INTELLIGENT  
QUALITY



SVENSKA TANSO  
**IQ PREMIUM WIRES**  
HIGH QUALITY MADE AFFORDABLE

BACK  
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MENU

**IQ**  
**PREMIUM**  
HIGH QUALITY MADE AFFORDABLE



# SVENSKA TANSO IQ PREMIUM WIRES FOR BETTER RESULTS

BACK  
TO  
MENU

TO THE  
WEB SHOP

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