

cobracut® – the comparison

	cobracut® AS	cobracut® A	cobracut® G
General	Zinc-coated, straightened wire electrode for Agie machines.	The original zinc-coated wire electrode for professional use with Agie and Charmilles machines.	Wire electrode with especially wear-resistant special layer on zinc basis for perfect usage with Agie machines.
Manufacturing	Cost-optimised galvanising and drawing processes, using a „speed annealing“ process in proven bedra quality.	Absolute process security due to unique manufacturing processes and annealing treatment. Manufactured according to original specifications; unrivalled for more than 30 years.	Best process security due to precision-oriented manufacturing for a select circle of customers.
Precision/ Surface	Reliable quality level for classic requirements for reproducible precision and surface quality.	Fulfils the strictest requirements for precision and surface quality for cylindrical cuts (< 7° cone). ¹	For the best parallelism with high work pieces (70 - 100 mm). Fulfils the highest quality requirements, especially with the cutting of cones (> 7°). ²
Automatic threading	Greatest reliability for automatic threading, straightness pursuant to Agie Charmilles specification.		
Target group	EDM specialists who appreciate above average performance at an affordable entry level price.	Precision specialists in tool and mould making.	Businesses with an uncompromising orientation toward technology leadership.

¹ first choice for the processing of carbide and PCD
² on Agie machines with toroid guides

cobracut® – the technical data

	core material	coating material	tensile strenght	elongation	colour
cobracut® Typ AS	CuZn36	Zn	950 N/mm²	1%	bright silver
Ø [mm]	0,25				
spool / kg K200 / 16,0	•				

	core material	coating material	tensile strenght	elongation	colour
cobracut® Typ G	CuZn36	Zn treated	900 N/mm²	1%	light grey
Ø [mm]	0,15	0,20	0,25	0,30	
spool / kg bedra 8 bedra 16	•	•	• ¹	• ¹	
spool / kg K250 / 25,0 K355 / 45,0		•	•	•	

	core material	coating material	tensile strenght	elongation	colour
cobracut® Typ A	CuZn36	Zn	900 N/mm²	1%	bright silver
Ø [mm]	0,15	0,20	0,25	0,30	
spool / kg bedra 4 bedra 8 bedra 16	• ¹	•	• ¹	• ¹	
spool / kg K250 / 25,0 K355 / 45,0		•	•	•	

¹automatic threading not guaranteed



bedra high-performance wire electrodes are available through authorized dealers and the original equipment manufacturers. We will gladly recommend a distributor close to you.

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 Subject to technical modifications and errors.

bedra
intelligent wires

cobracut® –
The original from bedra



...when the highest level of precision and surface quality is required!

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NEW

cobracut® AS – Your ticket to the A class

There are many zinc-coated wire electrodes in the market. However, none have the performance potential of cobracut® A, the ORIGINAL from bedra. The products which have tried to imitate ours are now joined by an economical alternative with proven cobracut® A technology: the new **cobracut® AS** from Berkenhoff – your ticket to the original A class.

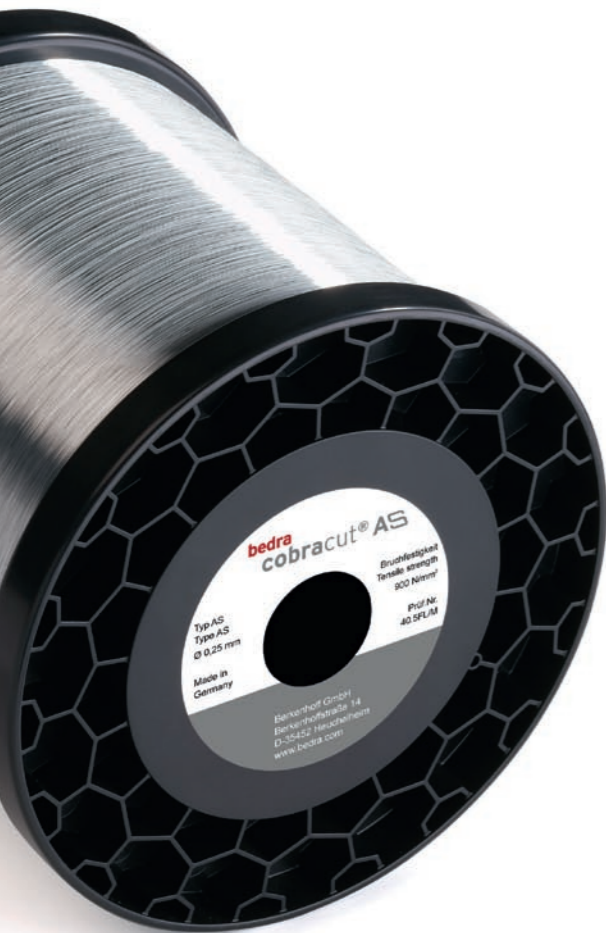
bedra high performance wire at an entry price

The new **cobracut® AS** is a zinc-coated wire electrode for Agie machines which has numerous advantages:

- Modified primary material
- Optimisation of the drawing and annealing process
- Reliable quality
- Excellent value for money

Galvanised zinc isn't always of the same quality

There are differences which are not always immediately noticeable. bedra's first class electroplating plants produce a uniformly concentric structure for the zinc coating which is free of harmful accompanying elements.



cobracut® A – Process security and precision

The zinc-coated **cobracut® A** electrode was developed in close cooperation with Agie and has had an excellent reputation for more than three decades on Agie machines. The electrode is characterised by a good cutting performance and a reliable process security. **cobracut® A** is therefore recommended as a proven electrode by experts in tool and mould manufacturing, who demand the highest standards of precision and surface finish.

cobracut® G – Uncompromising leader in technology

The electrode **cobracut® G** has a highly wear-resistant special layer and is characterised by best parallelism with high work pieces. It fulfils the highest quality requirements, especially with the cutting of cones > 7°.

