

cobracut® AS



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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.

cobracut® AS

- zinc-coated wire electrode for Agie machines
- modified primary material
- optimisation of the drawing and annealing process
- reliable quality
- excellent value for money



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

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

megacut®



megacut® type A

- zinc-coated precision wire
- suitable for extra-fine surfaces
- excellent cutting results – particularly for carbide machining



The high quality coated **megacut®** electrodes were especially developed for Japanese EDM machines.

	core material	coating material	tensile strength	elongation	colour
megacut® type A	CuZn36	Zn treated	900 MPa	1%	light grey
Ø [mm]	0,15	0,20	0,25	0,30	
spools / kg					
bedra8 / 8,0	•	•	•	•	
bedra16 / 16,0	•	•	•	•	
spools / kg					
P5 / 5,0	•	•	•	•	
P10 / 10,0	•	•	•	•	
P15 / 20,0	•	•	•	•	

megacut® type T

- particularly suitable for high tapering with highest precision
- limited suitability for automatic threading



	core material	coating material	tensile strength	elongation	colour
megacut® type T	CuZn36	Zn treated	500 MPa	15%	light grey
Ø [mm]	0,20	0,25			
spools / kg					
bedra8 / 8,0	•	•			
bedra16 / 16,0	•	•			
spools / kg					
P5 / 5,0	•	•			
P10 / 10,0	•	•			
P15 / 20,0	•	•			

megacut® type D

- high-performance cutting characteristics due to its special coating
- particularly effective when operating under poor flushing conditions (tall workpieces, interrupted cuts, staked parts)



	core material	coating material	tensile strength	elongation	colour
megacut® type D	CuZn20	CuZn50	800 MPa	1%	yellow brown
Ø [mm]	0,20	0,25	0,30		
spools / kg					
bedra8 / 8,0	•	•	•		
bedra16 / 16,0	•	•	•		
spools / kg					
K355 / 45,0		•	•		
spools / kg					
P5 / 5,0	•	•	•		
P10 / 10,0	•	•	•		
P15 / 20,0	•	•	•		