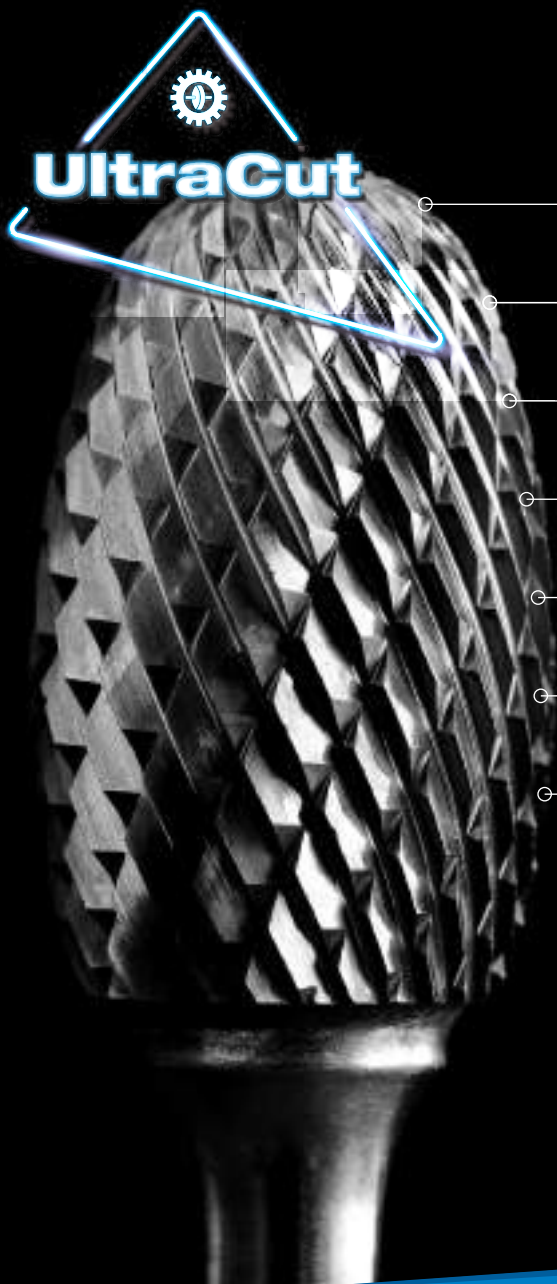
Karbosan

Fineness in Details, Excellence in Surface Quality

Karbosan Burr Product Family

As faster as SingleCut and as smoother as DoubleCut "Karbosan UltraCut"
The UltraCut series provides excellent results in material removal and shaping.



- High Performance in Abrasion and Stock Removal
- Unique Surface Quality
- Long Life Span
- Wide Application Area
- Safety Usage
- Comfortable Operation and Low Vibration
- Technical Support

Karbosan Ultracut Carbide Burr Features

UltraCut carbide burr products have features that offer high efficiency and durability for industrial processes.

- Becuse of its hardness, it is long-lasting and resistant to wear.
- Even if working high temprature, showing high performance continiously by keeping sharpness.
- Working efficiently on hard metal, cast iron and aluminium material.
- Making processes faster and more efficient because of providing aggressive stock removal.
- Ensuring getting smooth surfaces and high sensitivity where required fine workmanship.
- It opens a gate of working efficiently through generating low heat.
- Supporting different applications with various shape and size options.

Karbosan Ultracut Carbide Burr Usage Areas

UltraCut carbide burrs are mainly used in the shipyard, metalworking and fabrication, construction, mold making and casting, railway and carpentry industries. They are also preferred in the automotive and aerospace industries.

- **Metalworking:** Ideal for machining hard metals, cast iron, stainless steel and deburring and shaping of materials such as steel.
- **Construction:** Provides high performance in the shaping of steel construction surfaces and cleaning processes after welding.
- **Shipyard:** Ideal for metalworking, deburring and forming operations in shipyards.
- **Woodworking:** Effective in detailed carving, shaping and fine workmanship in wood materials.
- **Automotive:** Excellent results in rust removal, surface smoothing and deburring of parts.
- **Mold Production:** It has the advantage of precise shaping in plastic and metal injection molds and casting molds and works with high efficiency.

Material	Speed (m/min)
Cast Iron	450-600
Manufacturing Steel	450-600
Head Treated Steel	250-350
Stainless Steel	250-350
Hard Alloy	250-350
Head Treated Alloy	300-450

Working Speed (RPM) Diameter (mm)	Peripheral Speed (m/dk) 250	300	350	400	450	500	600	900	1.100
2	40.000	48.000	56.000	64.000	72.000	80.000	95.000	143.000	175.000
3	27.000	32.000	37.000	42.000	48.000	53.000	64.000	95.000	117.000
4	20.000	24.000	28.000	32.000	36.000	40.000	48.000	72.000	88.000
5	16.000	19.000	22.000	25.000	29.000	32.000	38.000	57.000	70.000
6	13.000	16.000	19.000	21.000	24.000	27.000	32.000	48.000	59.000
8	10.000	12.000	14.000	16.000	18.000	20.000	24.000	36.000	44.000
10	8.000	10.000	11.000	13.000	14.000	16.000	19.000	29.000	35.000
12	7.000	8.000	9.000	11.000	12.000	13.000	16.000	24.000	29.000
16	5.000	6.000	7.000	8.000	9.000	10.000	12.000	18.000	22.000
19	4.000	5.000	6.000	6.000	7.000	8.000	10.000	14.000	18.500
25	3.000	4.000	4.000	5.000	6.000	6.000	8.000	11.000	14.000

Karbosan UltraCut Carbide Burr Product Family

Karbosan UltraCut Burr Product Family, with 50 pieces of burr in total that are different types and a wide range of size options, perfectly adapts to all kinds of processing needs. Depending on the shape of the surface to be machined, fine diameter burrs should be preferred for detailed and precise shaping, while larger diameter burrs should be preferred for wide and flat surfaces.

Type	D x CL x L - SD (mm)*	Article	Barcode
Type A Cylindrical Shape	**06 x 16 x 61 - Ø 06**	**033498**	8697870334988
	08 x 20 x 65 - Ø 06	**032679**	8697870326792
	10 x 20 x 65 - Ø 06	**032680**	8697870326808
	12 x 25 x 70 - Ø 06	**033499**	8697870334995
	16 x 25 x 70 - Ø 06	**033500**	8697870335008
Type B Cylindrical with End Cut	**06 x 16 x 61 - Ø 06**	**033501**	8697870335015
	08 x 20 x 65 - Ø 06	**032684**	8697870326846
	10 x 20 x 65 - Ø 06	**032685**	8697870326853
	12 x 25 x 70 - Ø 06	**033502**	8697870335022
	16 x 25 x 70 - Ø 06	**033503**	8697870335039
C Cylindrical Ball Nose	**06 x 16 x 61 - Ø 06**	**033504**	8697870335046
	08 x 20 x 65 - Ø 06	**032689**	8697870326891
	10 x 20 x 65 - Ø 06	**032690**	8697870326907
	12 x 25 x 70 - Ø 06	**033505**	8697870335053
	16 x 25 x 70 - Ø 06	**033506**	8697870335060
Type D Ball Shape	**06 x 05 x 50 - Ø 06**	**033507**	8697870335077
	08 x 07 x 52 - Ø 06	**033508**	8697870335084
	10 x 09 x 54 - Ø 06	**033509**	8697870335091
	12 x 10 x 55 - Ø 06	**033510**	8697870335107
	16 x 14 x 59 - Ø 06	**033511**	8697870335114
Type E Oval Shape	**06 x 10 x 55 - Ø 06**	**033512**	8697870335121
	08 x 13 x 58 - Ø 06	**033513**	8697870335138
	10 x 16 x 61 - Ø 06	**033514**	8697870335145
	12 x 20 x 65 - Ø 06	**032701**	8697870327010
	16 x 25 x 70 - Ø 06	**033515**	8697870335152

Type	D x CL x L - SD (mm)*	Article	Barcode
Type F Tree Shape with Radius End	**06 x 18 x 63 - Ø 06**	**033516**	8697870327034
	08 x 20 x 65 - Ø 06	**032704**	8697870327041
	10 x 20 x 65 - Ø 06	**032705**	8697870327058
	12 x 25 x 70 - Ø 06	**033517**	8697870327065
	16 x 25 x 70 - Ø 06	**033518**	8697870327072
Type G Pointed Tree Shape	**06 X 18 X 63 - Ø 06**	**033519**	8697870335190
	08 X 20 X 65 - Ø 06	**033594**	8697870335947
	10 X 20 X 65 - Ø 06	**032710**	8697870327102
	12 X 25 X 70 - Ø 06	**033520**	8697870335206
	16 X 25 X 70 - Ø 06	**033521**	8697870335213
Type H Flame Shape	**06 x 18 x 63 - Ø 06**	**033522**	8697870335220
	08 x 20 x 65 - Ø 06	**032714**	8697870327140
	10 x 25 x 70 - Ø 06	**033523**	8697870335237
	12 x 32 x 77 - Ø 06	**033524**	8697870335244
	16 x 36 x 81 - Ø 06	**033595**	8697870335954
Type L Conical Shape with Radius End	**06 x 16 x 61 - Ø 06**	**033526**	8697870335268
	08 x 22 x 67 - Ø 06	**033527**	8697870335275
	10 x 25 x 70 - Ø 06	**033528**	8697870335282
	12 x 28 x 73 - Ø 06	**033529**	8697870335299
	16 x 33 x 78 - Ø 06	**033530**	8697870335305
Type M Conical Pointed Shape	**06 x 18 x 63 - Ø 06**	**033531**	8697870335312
	08 x 20 x 65 - Ø 06	**033596**	8697870335961
	10 x 20 x 65 - Ø 06	**032725**	8697870327256
	12 x 25 x 70 - Ø 06	**033532**	8697870335329
	16 x 25 x 70 - Ø 06	**033533**	8697870335336

***D:** Diameter | **CL:** Cutting Lenght | **L:** Lenght | **SD:** Shank Diameter