



HOT RUNNER NOZZLE TIPS

The continually growing plastics industry benefits from an ever increasing quantity of carbide products, which have all the necessary properties – they are resistant to wear, corrosion and high temperatures, while at the same time conducting heat.

KE25

Optimized conducting heat, high temperature, wear and corrosion resistance.

European Ceratizit Technology

New grade for hot runner nozzle tips

Nozzle Tips Grade Compare

Grade / Strength	Becu	TZM	Carbide KE25
Conducting heat	√√√	√√	√√
Wear resistance	√	√√	√√√
Corrosion resistance	x	√	√√√
Application	Normal plastic	Optical fibre plastic	Variety of plastic (Engineer plastic, optical fibre, fire-retardant additive and corrosion plastic)



Choose Right Supplier—CB CERATIZIT

Professional carbide manufacturer (from powder to finished product)

Over 120 year carbide manufacture and sales experience

Stable quality assurance

Offer complete carbide solution

Choose Right Grade---**KE25**

Optimized thermal conductivity (corrosion resistance) with very high wear resistance

Property	Strength	Your Customer Value
Hardness 86.2 [HRA]	Wear resistance	Long lifetime Cost savings
Thermal conductivity 108-112 [W/m. K]	Good heat transfer Good flowability	Process security Long lifetime Cost savings
Corrosion resistance	Protection against corrosive attack	Process security Long lifetime Cost savings
Temperature resistance (min.800 C :1472°F)	No effect on material (carbide structure)	Even high temperature application are possible
Versatile production	Execution according to customer drawing	Product range extendable (New geometries possible)

We measured all thermal conductivities at 300°C, because this temperature is the working temperature in the hot runner system.





■ **CB-CERATIZIT (Taiwan) Group Head Office**

ADD: 3F., NO. 217, Sec.2, New Taipei Blvd., Hsin Chuang Dist., New Taipei
City 24250, Taiwan (R.O.C.)
TEL: + 886-2-8521-6688 FAX: + 886-2-8521-1011
E-mail: sales@cbceratizit.com

■ **CB-CERATIZIT (Xiamen) China Head Office**

ADD: 69 Xingxi Rd., Xinglin, Jimei, Xiamen, China, 361022
TEL: +86-592-666-1000 FAX: +86-592-621-9599
E-mail: sales@cbceratizit.com

www.cbceratizit.com

We reserve the right to make technical changes for improvement of the product.

