



MICRO CUTTING TOOLS

für Hochleistungskeramiken, Zirkonoxid , Aluminiumoxid

for high-performance ceramics, zirconium oxide, aluminium oxide

The diagram illustrates a tapered optical fiber with a micro-structured core. The core has a diameter d_1 and a cladding with a diameter d_2 . The fiber is tapered, with a taper angle ϕ . The total length of the fiber is l_1 , the length of the micro-structured section is l_2 , and the length of the tapered section is l_3 . A parameter a is also indicated, likely representing the taper rate. The micro-structured core is shown with a radius r .

Typ	RDC 450	Type	RDC 450
Norm	HPTec-Werknorm	Standard	HPTec Standard
Spiralwinkel	$\lambda = 35^\circ$	Helix angle	$\lambda = 35^\circ$
Zylinderschaft	DIN 6535 HA	Straight shank	DIN 6535 HA
Beschichtung	Diamant	Coating	Diamond
Schneidstoff	Vollhartmetall	Cutting material	Solid carbide

[illegible]

status 06.2015 technische Änderungen vorbehalten / Subject to technical alterations