

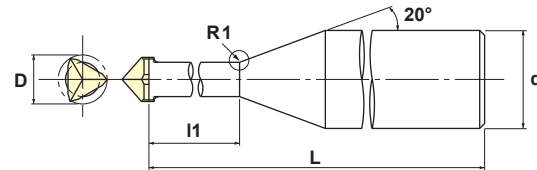


METRIC

Beam Drill - Nano Drill

MCD Type

- For Glass, Alumina & Zirconia



110 Point Angle

Effective cutting length - $I1 / D = 10x$

CATALOG NUMBER	STK	DIMENSIONS			
		D	I1	L	d
MCD-010	•	0.1	1.2	40	3
MCD-020	•	0.2	2.2	40	3
MCD-030	•	0.3	3.2	40	3

Recommended Cutting Data

Diameter	Materials								
	Glass			Alumina			Zirconia		
	n (min ⁻¹)	Vf (mm/min)	z (mm)	n (min ⁻¹)	Vf (mm/min)	z (mm)	n (min ⁻¹)	Vf (mm/min)	z (mm)
0.1	12,000	3.0	0.02	12,000	3.0	0.02	13,000	3.0	0.02
0.3	10,000	4.0	0.04	10,000	4.0	0.03	12,000	4.0	0.03

Note: Other sizes can be made by special order.