



**Continuous-rim
Electroplated bond:**

Multi-layer

NK type: (as diamond sawblades only)

NK sawblades with electroplated, **multi-layer** diamond layer have comparable bond characteristics and cutting behaviour to Bz tools.

The range of materials for which they are suitable is almost identical. NK blades add to the Bz range in that the special

WINTER manufacturing technique permits production of blades having cutting widths down to 0.15 mm. NK blades are thus especially suitable for precision cutting of sensitive and/or expensive materials - tasks required more and more often, especially in the semiconductor industry.

FEPA designation	Catalog & Order no.	D	T	X	E	H	Diamond grit size	Typical concentration
1A1R	NK34D - 50	50	0.15	1	0.10	-	D46 / D64	-
1A1R	NK34D - 50	50	0.2	2	0.15	-	D46 / D64 / D91	-
1A1R	NK34D - 50	50	0.25	2	0.20	-	D64 / D91 / D126	-
1A1R	NK34D - 50	50	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 50	50	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 50	50	0.5	2	0.40	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 60	60	0.15	1	0.10	-	D46 / D64	-
1A1R	NK34D - 60	60	0.2	2	0.15	-	D46 / D64 / D91	-
1A1R	NK34D - 60	60	0.25	2	0.20	-	D64 / D91 / D126	-
1A1R	NK34D - 60	60	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 60	60	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 60	60	0.5	2	0.40	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 75	75	0.15	1	0.10	-	D46 / D64	-
1A1R	NK34D - 75	75	0.2	2	0.15	-	D46 / D64 / D91	-
1A1R	NK34D - 75	75	0.25	2	0.20	-	D64 / D91 / D126	-
1A1R	NK34D - 75	75	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 75	75	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 75	75	0.5	2	0.40	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 80	80	0.15	1	0.10	-	D46 / D64	-
1A1R	NK34D - 80	80	0.2	2	0.15	-	D46 / D64 / D91	-
1A1R	NK34D - 80	80	0.25	2	0.20	-	D64 / D91 / D126	-
1A1R	NK34D - 80	80	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 80	80	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 80	80	0.5	2	0.40	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 100	100	0.15	1	0.10	-	D46 / D64	-
1A1R	NK34D - 100	100	0.2	2	0.15	-	D46 / D64 / D91	-
1A1R	NK34D - 100	100	0.25	2	0.20	-	D64 / D91 / D126	-
1A1R	NK34D - 100	100	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 100	100	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 100	100	0.5	2	0.40	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 125	125	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 125	125	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 125	125	0.5	2	0.40	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 150	150	0.3	2	0.25	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 150	150	0.4	2	0.30	-	D64 / D91 / D126 / D181	-
1A1R	NK34D - 150	150	0.5	2	0.40	-	D64 / D91 / D126 / D181	-

Standard bore diam. 20 mm, other dias. on request.
Other bore dias. on request

S33 only

Tolerances Cutting width (T) ± 0.03
OD (D) ± 0.30
Blade thickness (E) ± 0.02
Layer depth (X) ± 0.50