

# Gapped Cores

## Depth of Grind Tolerances

### Tolerance Ranges for Pot, RS, DS, RM, PQ, and EP cores

INCHES		MILLIMETERS		GAP CONDITION
GAP	TOLERANCE	GAP	TOLERANCE	
0.001"–0.038"	± 0.0005"	0.1 mm – 0.9 mm	± 0.03 mm	Ungapped to gap combination
0.039"–0.076"	± 0.001"	1.0 mm – 1.9 mm	± 0.04 mm	Ungapped to gap combination (Except if the gap is more than 10% of the minimum bobbin depth for the set*, then gap-to-gap combination.)
0.077"–0.114"	± 0.002"	2.0 mm – 2.9 mm	± 0.07 mm	Gap to gap combination (Except if the gap is less than 10% of the minimum bobbin depth for the set*, then ungapped-to-gap combination.)
0.115"–0.152"	± 0.002"	3.0 mm – 3.8 mm	± 0.07 mm	Gap to gap combination
0.153"–0.228"	± 0.004"	3.9 mm – 5.0 mm	± 0.12 mm	Gap to gap combination

\*The bobbin depth for the set is the 2D dimension or 2 times the D dimension

### Tolerance Ranges for E, EC, ER, EER, EFD, ETD and Planar E cores

INCHES		MILLIMETERS	
GAP	TOLERANCE	GAP	TOLERANCE
0.001"–0.038"	± 0.0005"	0.1 mm – 0.9 mm	± 0.03 mm
0.039"–0.076"	± 0.001"	1.0 mm – 1.9 mm	± 0.04 mm
0.077"–0.152"	± 0.002"	2.0 mm – 3.8 mm	± 0.07 mm
0.153"–0.228"	± 0.004"	3.9 mm – 5.0 mm	± 0.12 mm