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Fluorescent nanodiamonds have disk-like shapes: implications for nanodiamond engineering and quantum sensing applications

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Fluorescent nanodiamonds (FNDs) made from HPHT diamond have predominantly disk-like shapes. A typical FND is three times wider (eg in x-y) than it is thick (eg in z). This has important implications for the next generation of nanodiamond-based quantum sensors.

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