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A schematic view of the TOKASTAR-2 device. It is a tokamak-stellarator hybrid device that contains seven types of magnetic field coils. Local helical coils composed of two parallelogram-shaped outer ones (HF coils) and four fan-shaped upper and lower ones (AHF coils) are used together with vertical field coils (VF coils) to generate closed flux surfaces. (Hiromasa ITOU et al., Plasma and Fusion Research, Vol.13, 1402039 (2018) http://www.jspf.or.jp/)