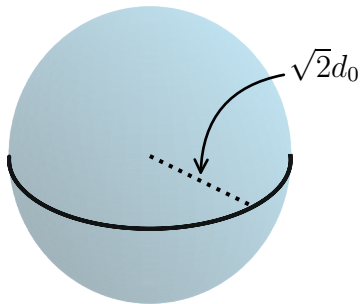
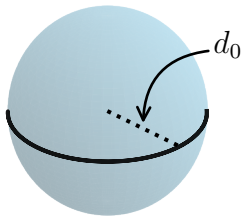
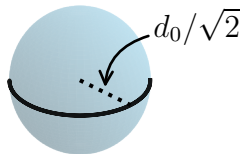


$$r_a = r$$



$$r_a = r/\sqrt{2}$$



single stars

twin binaries