Year: 2017
Location:
Program:

Carbon Door Handle

Carbon fiber is an interesting material because of its high stiffness, high tensile strength, extremely low weight and low thermal expansion. The FSB door handle is designed in a way that the carbon fiber tube acts as a structural element and comfortable grip, which is not cold like metal or prone to static electric shocks. In order to maintain consistency through the different types of handles required by building regulations, I designed a special neck which can be used for both normal and cranked handles. The grip's cross section is an ellipse, which reveals a circular face when cut at 45 degrees. This geometry allows for the seamless attachment of the end return at different angles. (Manufacturer： FSB)