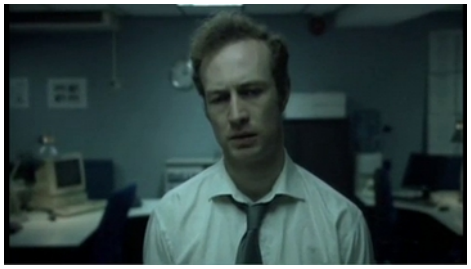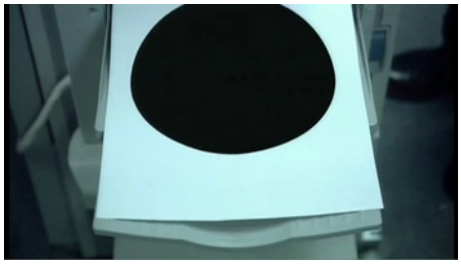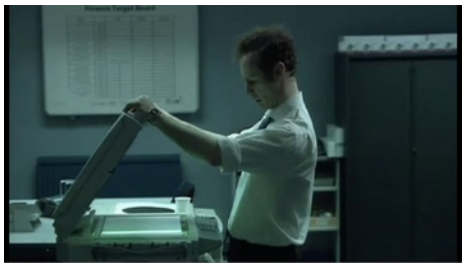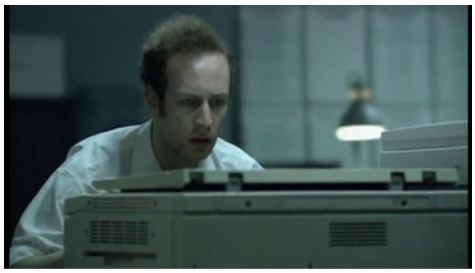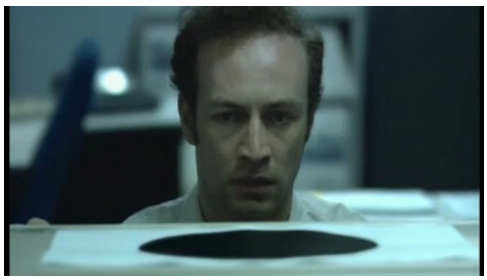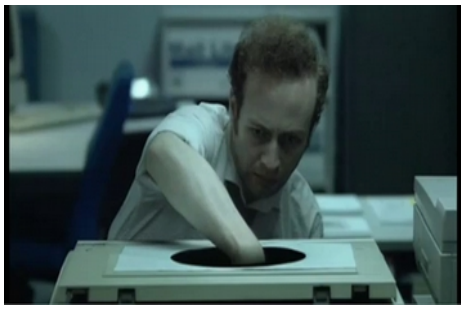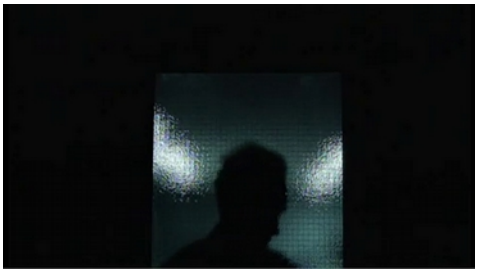THE BLACK HOLE