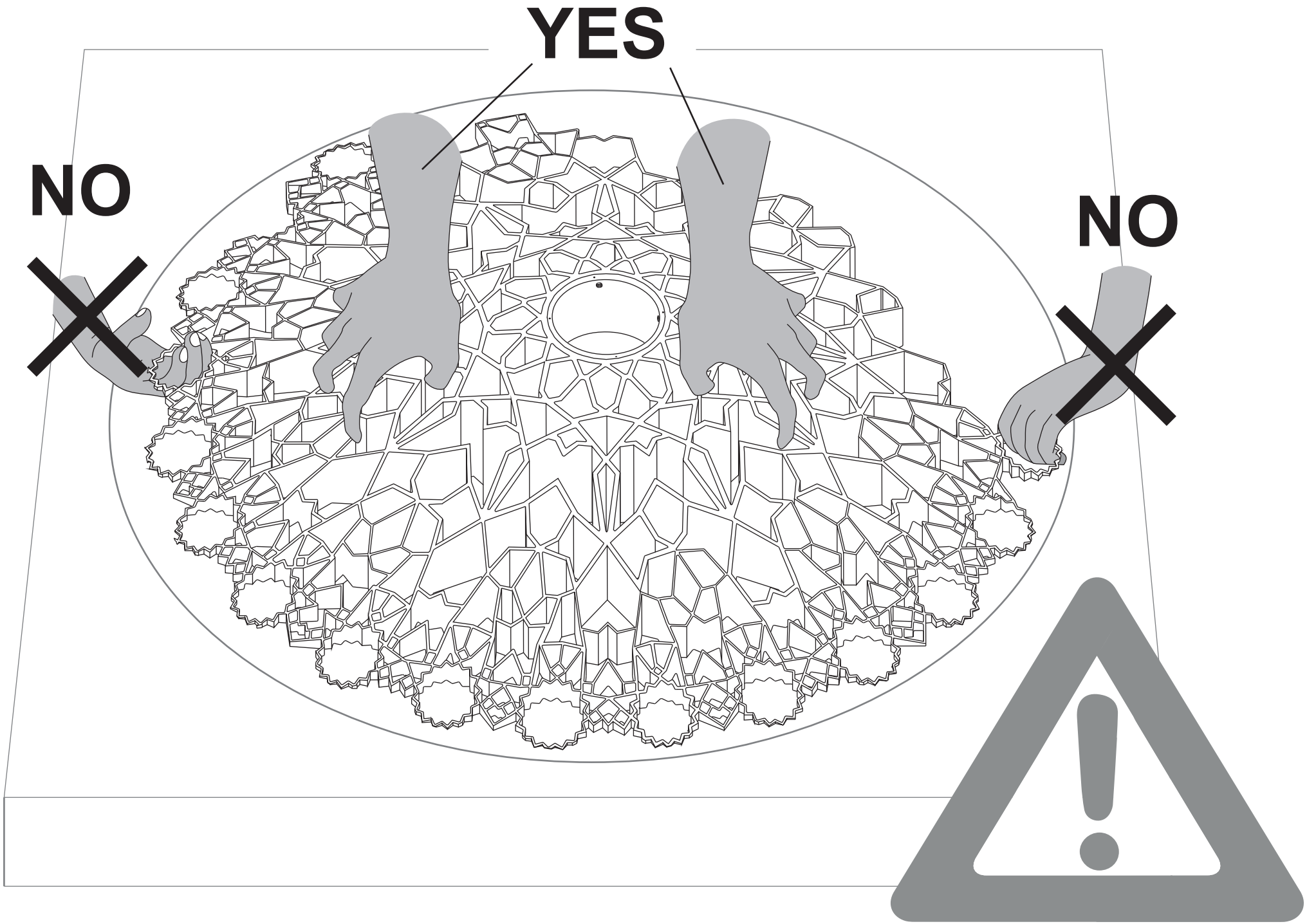KARMAN