EXPERTISE

For over 50 years Moog have been manufacturing high precision motion control devices for both aerospace and industrial applications. Moog Industrial Group in Tewkesbury UK is the global design, development and manufacturing centre for motorsport products. To serve this market it has developed specialist production techniques utilising custom machining and measurement technologies.

CAPABILITIES

In particular Moog capabilities include the ability to produce extremely precise close-fitting cylindrical components using technology developed from Moog Servovalve manufacture. Typically we can achieve diametric fit tolerances of 1.25 micron and axial tolerances of 2.00 micron using our temperature controlled machining and measurement facilities. Furthermore, we have extensive expertise in the precision spark erosion of a wide range of features in a variety of materials and the manufacture of complex hydraulic manifolds.

APPLICATIONS

In addition to the production of Moog's standard range of Motorsport products, this technology has been widely applied to confidential developments for individual Motorsport Customers. Key applications have included miniature manifolds, state of the art brake components, steering systems, fluid control and hydraulic and electric actuation.