



## Vacancy Product Design Engineer

**About Barden Bearings:** Barden has recently celebrated its 75th anniversary. Starting from our roots in precision miniature bearings, we now cater to a wide range of industries, from the industrial sector and vacuum technologies, to aerospace and advanced robotics. The majority of our products are designed specifically to address our customers' challenges and surpass normal performance standards. In order to further support and grow our business, we are currently recruiting for various positions within the Product Design department.

**Job Purpose:** Working within the Product Design team your primary function will be the realisation of new bearings from the concept designs prepared by the application Engineers to the detailed definitions to allow successful manufacture and assembly. The role includes mathematical and CAD modelling using existing procedures and the development of bespoke solutions to suit specific designs, considering the impact of production steps, gauging and processes on the ultimate outcome

**Product Design Engineer:** You will be project managing and creating new designs, communicating with the key stakeholders, and supporting departmental knowledge and skill dissemination. You will also be supporting the validation and verification of designs and associated documentation.

This role allows for personal development, building experience and the potential to progress either within this function or others such as Manufacturing Engineering, Quality and R&D.

### Knowledge/Skills and Experience required:

- Masters Degree, equivalent or higher, in a STEM subject such as Mechanical, Manufacturing Engineering, Physics etc with a strong academic core
- Proficient in the use of 3D CAD software, Solidworks is preferred but not essential
- Knowledge of Mechanical Design of Rotating Equipment and Production Technologies (Turning, Milling, Grinding, Precision Metrology, etc.) methods and application would be beneficial
- Project Management, Business processes and methods
- Analytical tools, statistical methods and problem solving techniques (e.g. 6 Sigma, 8D)
- An ability to adapt quickly, applying fundamental knowledge to new challenges
- Excellent communication skills, written, verbal and presentation

To apply for this role, please submit your CV and covering letter to the HR Department, or via email at

[careers@bardenbearings.co.uk](mailto:careers@bardenbearings.co.uk)

**Closing date: 4th August 2023**