



the world
famous
Bullers Rings...
measuring
“**heat work**”
within kiln
environments

Pyrometric Technology Bullers Rings and Discs

Brief History & Profile

Taylor Tunnicliff was founded in the year 1867 by **Thomas Taylor** and **William Tunnicliff** for the purpose of making specialised pottery articles, achieving world fame in the manufacture of high-grade ceramics for the electrical industry and for the design and manufacture of the globally recognised **Bullers Rings to measure ‘heat work’ within kiln environments.**

Taylor Tunnicliff Limited is based in the UK and specialises in the manufacture of the **‘industry standard’ Bullers Rings and Discs.** **‘Bullers Rings’** are utilised by many of the worlds leading Tableware, Sanitaryware and Refractory manufacturers to measure the amount of **‘heat work’** that has taken place in the kiln, giving an **independent, accurate, reliable** and **essential** indication that the firing of the product is **correct** and unaffected by any variations in temperature and kiln loading.



why choose taylor tunnicliff:

- A wealth of Pyrometric experience.
- Global product acclaim.
- UK based manufacturing.
- Setting the industry standards.
- Over 80 years of proven product performance.
- BS EN ISO 9001 manufacturing process.

why we are world leaders:

- World class manufacturing technology.
- Products are used in 45 countries.
- Global brands rely on Bullers Rings and discs.
- Temperature ranges from 750°C – 1770°C cover all types of kilns and applications.
- Cost effective quality assured Pyrometric product.

World Class Manufacturing Techniques

- While the principle for making **'Bullers Rings'** was determined over 80 years ago, they are manufactured today using the **latest production technology**.
- To ensure **consistency** and **accuracy**, **'Bullers Rings'** are manufactured to a precise materials specification under strict quality control parameters.
- Each batch of spray dried materials is **pre-tested** to our **exacting standards** before being released for manufacture.
- This consistency ensures a reliable and **reproducible quality** time after time.

Worldwide Applications

- **'Bullers Rings and Discs'** are used in over **45 countries worldwide** by the global leading producers of ceramic products.
- Applications range from **earthenware, sanitaryware, tableware, bricks, tiles, bone china, refractories, hard porcelain** and increasingly our specialist discs are used within the high temperature world of **technical ceramics**. Our customers' applications are served by a wide range and grade of rings and discs which enable a **temperature range of 750°C – 1770°C to be monitored**.
- The use of just a **few 'Bullers Rings'** enables craft studios and other users of small kilns to ensure the same accuracy of kiln environment as enjoyed by major ceramic producers. **'Bullers Rings and Discs'** are used in all types of kiln, continuous or intermittent, providing an **independent** indicator of **firing consistency**.

