

# BS8888 Geometric Dimensioning & Tolerancing

## 2-day virtual training module

### Open enrolment classes

**February 2<sup>nd</sup> to 3<sup>rd</sup> 20256**  
8.30am – 4.30pm GMT each day

#### Fees:

- The cost per participant is £495+VAT.
- This is fully inclusive of:
  - 2-day interactive training module
  - Digital course materials

#### To book places:

- Please email Smallpeice via [train@smallpeice.com](mailto:train@smallpeice.com) with your requirements.
- Our experienced booking team will then send you a booking form.

### In-Company Training

This programme is available for cost effective 'in-company' group training. This provides the opportunity to customise the content and to include practical activities that are linked to your own processes and products. For more information on the options, please email [train@smallpeice.com](mailto:train@smallpeice.com)

### Overview

- This 2-day course is aimed at delegates who have little or no knowledge of using Geometrical Dimensioning and Tolerancing (GD&T).
- The course is suitable for all engineers as the objectives are to provide a basic understanding of the symbols and how they can be used to solve problems.
- The course helps to provide a consistent understanding of GD&T within your company.

### Training Format

- Training will be delivered live via MS Teams.
- A mix of theory and interactive activities / discussions will help delegates to understand the symbols and how they can be used to solve problems.

### Training Content

#### Introduction

- Understanding tolerances
- Types of tolerances
- Why use GD & T?

#### The Standards

- BS 8888 and ISO
- ASME Y 14.5
- GPS

#### Tolerance Indicator

- Styles and types
- Attaching

#### Tolerance Zones

- Cylindrical
- Width

#### Theoretical exact dimensions

- What is a TED?
- How TED's are used

#### Single features

- Straightness
- Flatness
- Roundness
- Cylindricity

#### Profile Tolerances

- Line Profile
- Surface profile

#### Related features

- Parallel
- Perpendicular
- Angularity
- Position
- Co-axiality
- Symmetry
- Circular runout
- Total runout

#### Maximum material condition

- Introduction
- The bonus tolerance
- Zero tolerances

