

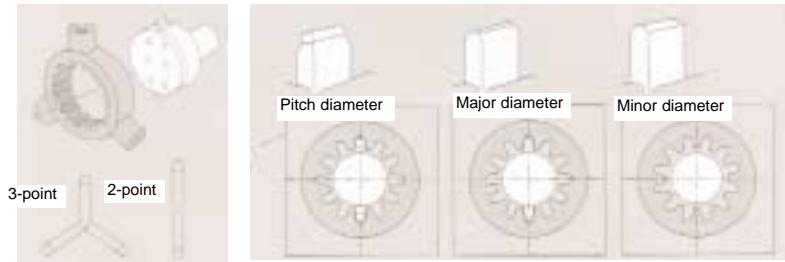


## Subject : Internal Spline Measurement

### Details

The following features can be inspected using Bowers spline heads (also used for checking internal gears) :

- Dimension between pins
- Minor diameter
- Major diameter



### Head features

- 2 or 3 point contact
- 3-point contact anvils can be machined to suit odd spacing (e.g. 35 teeth)
- Between pin dimension anvils are wire-eroded for robustness
- Rapid inspection
- Can be supplied as ball contacts or a pin/ball combination for checking taper
- Odd tooth splines can be checked using either the 2-point or 3-point system for between pin dimension
- Can be manufactured / adapted for use with any past or present Bowers digital system

### Range available

- 10 mm - 300 mm
- 3/8" - 12"

### Customer profile

- Generally power transmission manufacturers, automotive companies suppliers of clutch components, universal joints, stub-axles etc.
- For details, please contact your sales office or email us at Bradford

### Information required

- Details of the feature to be measured
- The digital system required (XTD / XTPG / Superbore / BS / BSHM )
- Between-pin dimension
- Number of teeth
- Major / minor diameter
- Whether setting rings are also required

If an order is received, please provide a drawing of the part to enable us to ensure that all details are correct before proceeding to manufacture.