

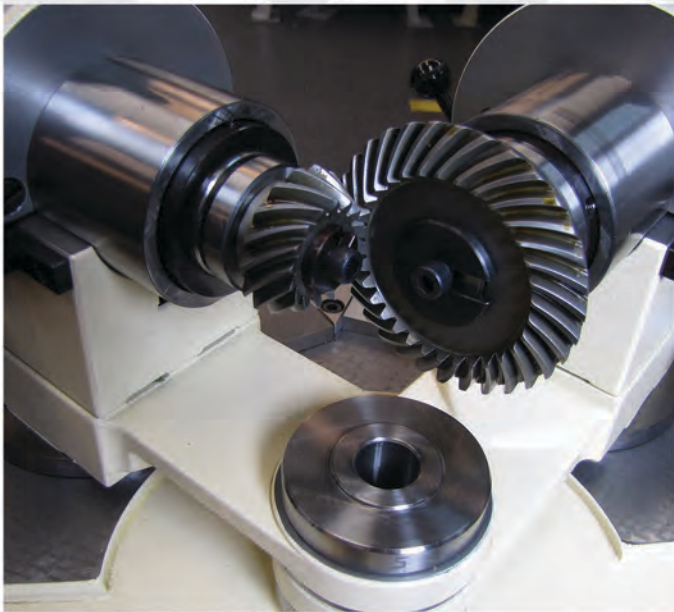
## GearMaster

The Bevel Gear Tester is a unique solution for testing bevel gear assemblies during production and final inspection. It consists of a precision machined cast iron base with two swiveling arm assemblies. Spring actuated rotors force the bevel gear set to rotate in tight mesh or they can be set to a fixed center distance for pattern checks.

The Bevel Gear Tester is useful for:

- Measuring Backlash
- Pattern Checks
- Double Flank Composite Error
- Checking Assembly Distances

With the use of the Bevel Gear Tester end users can prevent faulty bevel gear sets from making it into assemblies and therefore avoiding costly teardowns. Manufacturers are able to decrease set-up time and lower scrap rates by catching potential quality issues immediately.



### + Specifications

- Max  $\varnothing$  of bevel gear - 5.5" (140mm)
- Morse Taper 4 - One Bearing Shaft
- 30mm Cylindrical Bore - Other Bearing Shaft
- Angle adjustment of axis - 50° - 140°
- Minimum Assembly Distance - 1.18" (30mm)
- Maximum Assembly Distance - 3.54" (90mm)

### + Dimensions and Weight

- Base - 15.75" (400mm) x 9.84" (250mm)
- Suggested area - 27.55" (700mm) x 18.89" (480mm)
- Weight with standard accessories - 123.2 lbs. (56kg)
- Angle adjustment of axis - 50° - 140°

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