ROTO ROUND CONCENTRICITY FIXTURE

The rotoround is an adjustable fixture used to check concentricities, runout, and/or TIR of one or more surfaces to a basic diameter. Three precision bearings set the primary datum plane and support the weight of the part while 2 roller bearings mounted on the angled base define the circular datum. Indicators then contact the part as it is being rotated to determine various parameters.



For parts 1-5" (25mm-130mm) in diameter. Fixture includes:

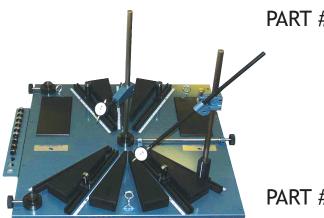
- •.0001" grad. Test indicator
- •.00005" grad. Test indicator
- Two sets of adjustable load bearings (3 each)

• Two sets of banking bearings (2 each): bearing number 9028 (.25" OD x .12" thick), bearing number 2426 OD x .12" thick)

- •15 degree angled base plate
- Tool set with holder
- Wooden storage box sold separately

For parts 3-12" (75mm-300mm) in diameter with maximum weight of 150 lbs. (70Kg.). Fixture includes:

- •One .0005" grad. AGD group 2 dial indicator
- •Two .0001" grad. AGD group 2 dial indicator
- One magnetic base stand
- One indicating unit with right angle transfer
- One adjustable height stand
- •Three sets of adjustable load bearings in .50" increments (3 each) bearing number 9020 (.866 OD x .406" thick)
- One set of banking bearings (2 each): bearing number 9018 (.75" OD x .281" thick)
- •15 degree angled base plate with adjustable bridge gantry
- Tool set with holder
- Wooden shipping/storage case sold separately



PART #CPF-2

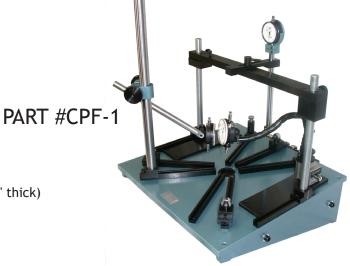
PART #P-CPF-33824

For parts 10-30" (250mm-760mm) in diameter with maximum weight up to 1000 lbs. (450Kg.). Fixture includes:

- Two .0005" grad. AGD group 2 dial indicator
- One magnetic base stand
- One adjustable pole stand
- Three sets of adjustable load bearings in .50" increments (3 each)
- •One set of banking bearings (2 each): bearing number 9029 (1.10" OD x .562" thick)
- •15 degree angled base plate
- Tool set with holder
- Wooden shipping/storage crate sold separately

As described in Pratt & Whitney overhaul manual, similar to CPF-2 but features:

- Canted base
- Rubber bumpers
- Special bearing set
- Additional post location



(.312"