



# 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.



## PART# CPF PRICE \$2,745

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

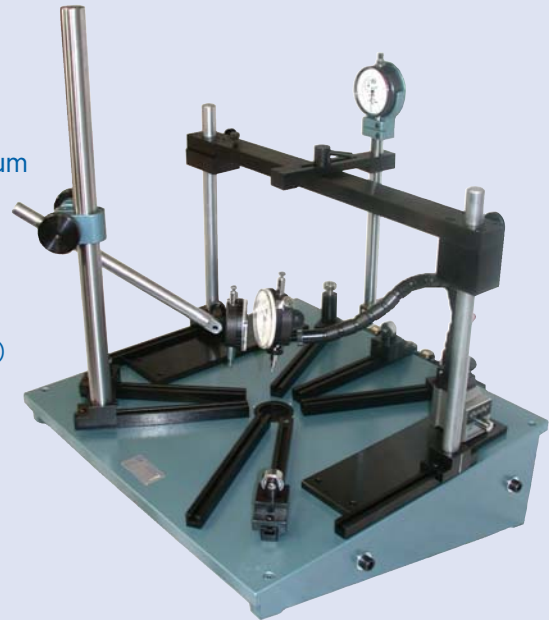
- .0001" grad. large format double dial test indicator
- .00005" grad. large format double dial test indicator
- Two sets of adjustable load bearings (3 each)
- Two sets of banking bearings (2 each)
  - bearing number 9028 .25" OD x .12" thick
  - bearing number 2426 .312" OD x .12" thick
- 15 degree angled base plate
- Tool set with holder
- Wooden storage box

## PART# CPF-1 PRICE \$3,975

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

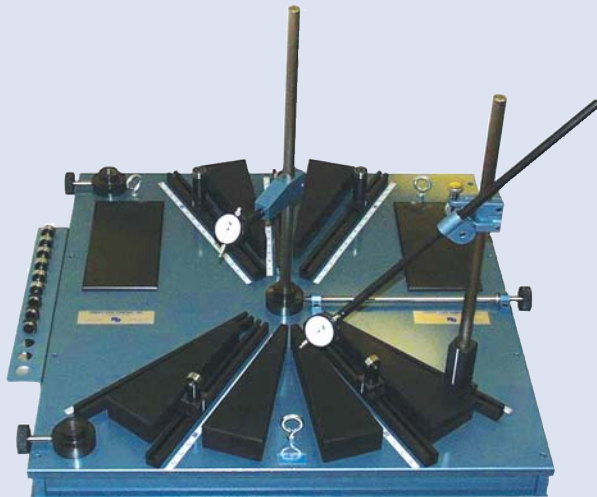


## PART# CPF-2 PRICE \$6,515

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



## PART# P-CPF-33824 PRICE \$7,985

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

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

Dorsey also manufactures a line of portable concentricity fixtures for use if your part cannot be placed on a CPF fixture. Contact us for details.

