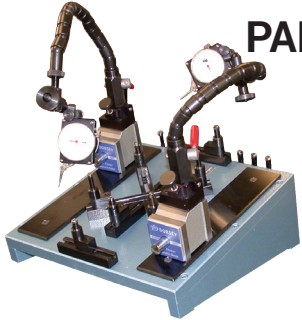


The rotoround is an adjustable fixture used to check concentricities, runout, and/or TIR of one or more surfaces to a basic diameter. Three precision bearings set the primary datum plane and support the weight of the part while 2 roller bearings mounted on the angled base define the circular datum. Indicators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



## PART# CPF

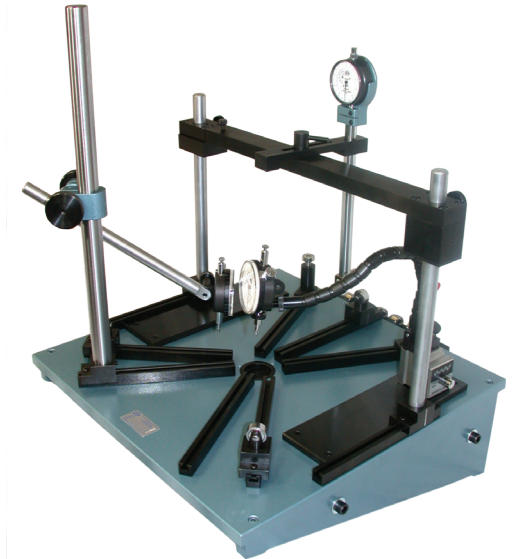
For parts 1-5" (25mm-130mm) in diameter. Fixture includes:

- ✓ .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.

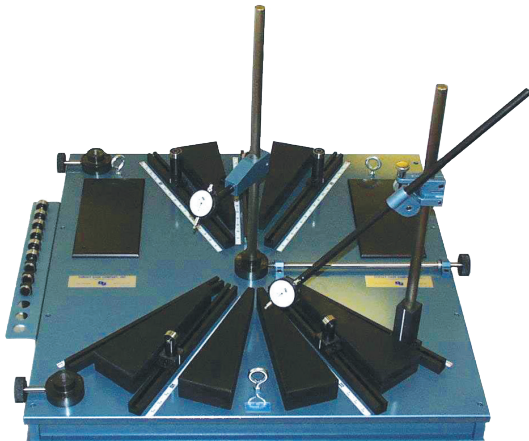
For parts 3-12" (75mm-300mm) in diameter with maximum weight of 150 lbs. (70Kg.). Fixture includes:

- ✓ 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-1



## 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.

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.