

# Color Ratchet & Color Speeder

## Color ratchet



### SPECIFICATIONS

| Order No.   | Color  |
|-------------|--------|
| 985056      | Black  |
| 985061      | Red    |
| 985081      | Blue   |
| 985071      | Yellow |
| 985076      | Green  |
| 985066      | Brown  |
| 04GZA241*   | Gray   |
| 04GZA239**  | Gray   |
| 04GZA243*** | Gray   |

\*for Series 293 digital model

\*\* up to 300mm / 12"

\*\*\* over 300mm / 12"

## Color Speeder for Ratchet Thimble Micrometer



### SPECIFICATIONS

| Order No. | Color  |
|-----------|--------|
| 04GAA899  | Black  |
| 04GAA900  | Red    |
| 04GAA901  | Yellow |
| 04GAA902  | Green  |
| 04GAA903  | Blue   |
| 04AAB208  | Gray   |

### Technical Data

Tip length: metric type: 10mm  $\pm 5\mu\text{m}$   
inch type: .5"  $\pm .0002$ "

Spindle Dia: \*1 .250" / 6.35mm  
\*1 Spindle diameter for 101469  
(.250" ball) is .315" / 8mm



To measure odd workpieces, several convenient anvil attachments are prepared by Mitutoyo. Among them the most often used one is the ball attachment.

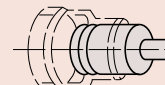
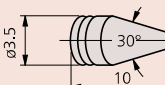
The ball attachments are hardened steel balls with .200" and .250" diameters which are placed on the .250" and .315" diameter anvils, respectively, by rubber caps. With these attachments, regular micrometers can measure cylindrical wall thickness, but, .200" or .250" must be subtracted from the readings.

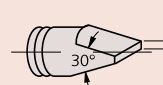
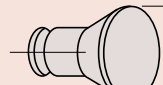
Other attachments shown here are either .500" or 10mm in length. The added amount must be subtracted from the reading.

## Spindle Attachment Tip

| Ball                                                                                | Spline                                                                              | Comparator                                                                           | Blade                                                                                 | Knife-edge                                                                            | Disk                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 101468 (.200" ball dia.)<br>101469 (.250" ball dia.)                                | 208062*<br>208098                                                                   | 208063*<br>208099                                                                    | 208064*<br>208100                                                                     | 208065*<br>208101                                                                     | 208066*<br>208102                                                                     |

### DIMENSIONS

| Order No.         | Dimension                                                                           |
|-------------------|-------------------------------------------------------------------------------------|
| 208098<br>208062* |  |
| 208099<br>208063* |  |
| 208100<br>208064* |  |

| Order No.         | Dimension                                                                             |
|-------------------|---------------------------------------------------------------------------------------|
| 208101<br>208065* |  |
| 208102<br>208066* |  |

\* metric type

## Micrometer Oil

207000 (30ml)



Mitutoyo