



Fowler's Quartz Optical Flats and Parallels are perfect for repair departments and Quality Control labs for inspection of micrometers and other measuring tools.

Available in individual sets—four parallels to a set. For greater savings, purchase the complete set of 16 optical parallels, range .610"–3.582" in thickness. Optical flats are sold individually.

- Sizes are etched on each individual gage.
- A Certificate of Traceability and Accuracy to the National Institute of Standards and Technology is issued with each set.
- Grade 3
- Price includes fitted case.



| Order No.                   | Set  | Dia.  | Thickness     | Flatness           | Parallelism      |
|-----------------------------|--|-------|---------------|--------------------|------------------|
| <b>Optical Flats</b>        |  |       |               |                    |                  |
| 53-682-824                  | -  | 2.4"  | .787"         | .000004"/.0001mm   |                  |
| 53-682-832                  | -  | 3.2"  | .984"         | .000004"/.0001mm   |                  |
| 53-682-839                  | -  | 3.9"  | .984"         | .000004"/.0001mm   |                  |
| 53-682-847                  | -  | 4.7"  | 1.181"        | .000005"/.000125mm |                  |
| <b>Optical Parallels</b>    |  |       |               |                    |                  |
| 53-682-101                  | Set of 4   | 1.20" | .610"—.625"   | .000003"/.00007mm  | .000020"/.0005mm |
| 53-682-202                  | Set of 4   | 1.20" | 1.589"—1.605" | .000003"/.00007mm  | .000020"/.0005mm |
| 53-682-303                  | Set of 4   | 1.50" | 2.578"—2.593" | .000003"/.00007mm  | .000040"/.001mm  |
| 53-682-404                  | Set of 4   | 2.00" | 3.567"—3.582" | .000003"/.00007mm  | .000040"/.001mm  |
| 53-682-777                  | Complete Set of 16 Parallels   |       |               |                    |                  |
| <b>Lapping Plates/Paste</b> |  |       |               |                    |                  |
| 53-682-001                  | Set of 4 Lapping Plates for 53-682-101. Includes diamond paste.        |       |               |                    |                  |
| 53-682-002                  | Set of 4 Lapping Plates for 53-682-202. Includes diamond paste.        |       |               |                    |                  |
| 53-682-003                  | Set of 4 Lapping Plates for 53-682-303. Includes diamond paste.        |       |               |                    |                  |
| 53-682-004                  | Set of 4 Lapping Plates for 53-682-404. Includes diamond paste.        |       |               |                    |                  |
| 53-682-444                  | Complete Set of Lapping Plates for 53-682-777. Includes diamond paste. |       |               |                    |                  |
| 53-682-520                  | Diamond Lapping Paste—20 g.  |       |               |                    |                  |
| 53-682-540                  | Diamond Lapping Paste—40 g.  |       |               |                    |                  |