



## SERIES 2 — Standard Type, Inch Reading

## SPECIFICATIONS

| Inch     |           | ANSI/AGD type   |                        |                                                                    |         |                     |              |                     |
|----------|-----------|-----------------|------------------------|--------------------------------------------------------------------|---------|---------------------|--------------|---------------------|
| Code No. |           | Graduation (in) | Range (range/rev) (in) | Accuracy (in)                                                      |         | Repeat-ability (in) | Dial reading | Measuring force (N) |
| w/lug    | Flat-back |                 |                        | First 1 Rev/2.5 Rev/10 Rev                                         | Retrace |                     |              |                     |
| 2414A    | 2414AB    | 0.001           | 0.5 (0.1)              | ±0.001/±0.001/±0.001                                               | 0.0002  | ±0.0002             | ±0-100       | 1.8 or less         |
| 2415A    | 2415AB    | 0.001           | 0.5 (0.1)              | ±0.001/±0.001/±0.001                                               | 0.0002  | ±0.0002             | 0-50-0       | 1.8 or less         |
| 2914A    | 2914AB    | 0.001           | 0.5 (0.1)              | ±0.001/±0.001/±0.001                                               | 0.0002  | ±0.0002             | 100-0        | 1.8 or less         |
| 2506A    | 2506AB    | 0.0005          | 0.125 (0.05)           | ±0.0005/±0.0005/—                                                  | 0.00016 | ±0.0001             | ±0-50        | 1.8 or less         |
| 2507A    | 2507AB    | 0.0005          | 0.125 (0.05)           | ±0.0005/±0.0005/—                                                  | 0.00016 | ±0.0001             | 0-25-0       | 1.8 or less         |
| 2514A    | 2514AB    | 0.0005          | 0.5 (0.05)             | ±0.0005/±0.0005/±0.0015                                            | 0.00016 | ±0.0001             | ±0-50        | 1.8 or less         |
| 2922A    | 2922AB    | 0.0005          | 0.125 (0.05)           | ±0.0005/±0.0005/—                                                  | 0.00016 | ±0.0001             | 0-25-0       | 1.8 or less         |
| 2356A-10 | 2356AB-10 | 0.0001          | 0.25 (0.01)            | ±0.0002/±0.0002/±0.0003/±0.0004 (First 20rev)/±0.0005 (Over 20rev) | 0.0001  | ±0.00003            | 0-10         | 2.0 or less         |
| 2358A-10 | 2358AB-10 | 0.0001          | 0.5 (0.01)             | ±0.0002/±0.0002/±0.0003/±0.0004 (First 20rev)/±0.0008 (Over 20rev) | 0.00015 | ±0.00003            | 0-10         | 2.0 or less         |
| 2802A-10 | 2802AB-10 | 0.0001          | 0.025 (0.01)           | ±0.0001/±0.0001/—                                                  | 0.0001  | ±0.00003            | 0-10         | 2.0 or less         |
| 2803A-10 | 2803AB-10 | 0.0001          | 0.025 (0.01)           | ±0.0001/±0.0001/—                                                  | 0.0001  | ±0.00003            | 0-5-0        | 2.0 or less         |
| 2804A-10 | 2804AB-10 | 0.0001          | 0.05 (0.01)            | ±0.0001/±0.0001/±0.0002                                            | 0.0001  | ±0.00003            | 0-10         | 2.0 or less         |
| 2805A-10 | 2805AB-10 | 0.0001          | 0.05 (0.01)            | ±0.0001/±0.0001/±0.0002                                            | 0.0001  | ±0.00003            | 0-5-0        | 2.0 or less         |
| 2905A-10 | 2905AB-10 | 0.0001          | 0.05 (0.01)            | ±0.0001/±0.0001/±0.0002                                            | 0.0001  | ±0.00003            | 10-0         | 2.0 or less         |
| 2923A-10 | 2923AB-10 | 0.0001          | 0.05 (0.01)            | ±0.0001/±0.0001/±0.0002                                            | 0.0001  | ±0.00003            | 0-5-0        | 2.0 or less         |

Note: Completed products inspection is performed in the vertical orientation (contact point downward) and the stated accuracy is guaranteed.

## FEATURES

| Inch     |           |   |   |   |   |   |   |
|----------|-----------|---|---|---|---|---|---|
| Code No. |           | S | P | D | R | L | T |
| w/lug    | Flat-back |   |   |   |   |   |   |
| 2414A    | 2414AB    |   |   |   | ✓ |   | ✓ |
| 2415A    | 2415AB    |   |   |   |   | ✓ | ✓ |
| 2914A    | 2914AB    |   | ✓ |   |   |   | ✓ |
| 2506A    | 2506AB    |   |   |   | ✓ |   | ✓ |
| 2507A    | 2507AB    |   |   |   |   | ✓ | ✓ |
| 2514A    | 2514AB    |   |   |   | ✓ |   | ✓ |
| 2922A    | 2922AB    |   |   |   |   | ✓ | ✓ |
| 2356A-10 | 2356AB-10 |   |   | ✓ | ✓ |   | ✓ |
| 2358A-10 | 2358AB-10 |   |   | ✓ | ✓ |   | ✓ |
| 2802A-10 | 2802AB-10 | ✓ |   | ✓ | ✓ |   |   |
| 2803A-10 | 2803AB-10 | ✓ |   | ✓ |   | ✓ |   |
| 2804A-10 | 2804AB-10 | ✓ |   | ✓ | ✓ |   |   |
| 2805A-10 | 2805AB-10 | ✓ |   | ✓ |   | ✓ |   |
| 2905A-10 | 2905AB-10 | ✓ | ✓ | ✓ |   |   |   |
| 2923A-10 | 2923AB-10 | ✓ |   | ✓ |   | ✓ |   |

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DIMENSIONS

ANSI/AGD  
Type

Unit: in

| Code No. | A    | B    | C    | D    | E   | F    | G    | H    | I    | Mass (g) |           |
|----------|------|------|------|------|-----|------|------|------|------|----------|-----------|
|          |      |      |      |      |     |      |      |      |      | w/lug    | Flat-back |
| 2414A    | 1.53 | 2.52 | 2.24 | 0.71 | 3/4 | 0.54 | 0.87 | 2.05 | 0.30 | 164      | 139       |
| 2415A    | 1.53 | 2.52 | 2.24 | 0.71 | 3/4 | 0.54 | 0.87 | 2.05 | 0.30 | 164      | 139       |
| 2914A    | 1.53 | 2.52 | 2.24 | 0.71 | 3/4 | 0.54 | 0.87 | 2.05 | 0.30 | 164      | 139       |
| 2506A    | 1.86 | 2.14 | 2.24 | 0.71 | 3/4 | 0.54 | 0.48 | 2.05 | 0.30 | 164      | 139       |
| 2507A    | 1.86 | 2.14 | 2.24 | 0.71 | 3/4 | 0.54 | 0.48 | 2.05 | 0.30 | 164      | 139       |
| 2514A    | 1.53 | 2.52 | 2.24 | 0.71 | 3/4 | 0.54 | 0.87 | 2.05 | 0.30 | 164      | 139       |
| 2922A    | 1.86 | 2.14 | 2.24 | 0.71 | 3/4 | 0.54 | 0.48 | 2.05 | 0.30 | 164      | 139       |
| 2356A-10 | 1.86 | 2.25 | 2.24 | 0.71 | 3/4 | 0.54 | 0.59 | 2.05 | 0.30 | 163      | 138       |
| 2358A-10 | 1.53 | 2.50 | 2.24 | 0.71 | 3/4 | 0.54 | 0.85 | 2.05 | 0.30 | 164      | 139       |
| 2802A-10 | 1.86 | 2.02 | 2.24 | 0.71 | 3/4 | 0.54 | 0.37 | 2.05 | 0.30 | 164      | 139       |
| 2803A-10 | 1.86 | 2.02 | 2.24 | 0.71 | 3/4 | 0.54 | 0.37 | 2.05 | 0.30 | 164      | 139       |
| 2804A-10 | 1.86 | 2.04 | 2.24 | 0.71 | 3/4 | 0.54 | 0.38 | 2.05 | 0.30 | 166      | 141       |
| 2805A-10 | 1.86 | 2.04 | 2.24 | 0.71 | 3/4 | 0.54 | 0.38 | 2.05 | 0.30 | 166      | 141       |
| 2905A-10 | 1.86 | 2.04 | 2.24 | 0.71 | 3/4 | 0.54 | 0.38 | 2.05 | 0.30 | 164      | 139       |
| 2923A-10 | 1.86 | 2.04 | 2.24 | 0.71 | 3/4 | 0.54 | 0.38 | 2.05 | 0.30 | 164      | 139       |