

# Dial Indicators

## SERIES 2 – Inch Reading Dial Indicators

- Standard .0001" to 0.001" graduation dial indicators having a bezel with an outside diameter of 57 mm.
- The outer clamp and lifting lever (optional) can be attached to either the right or left side. These parts can be easily installed and removed without tools.
- Secure adhesion between the bezel and crystal as well as the use of an O-ring prevents water or oil penetration.
- A carbide contact point is used.
- The stem and plunger are made of high-strength quench-hardened stainless steel which resists arduous use.
- A special alloy is used for the sector gears to provide improved wear resistance.
- The indicator uses jewelled bearings, providing excellent indication sensitivity and durability.
- Application of a hard coating on the surface of the crystal makes it highly resistant to scratching and chemical attack.



### Features

Inch					
Code No.					
2358S-10	✓	—	—	✓	—
2414S	✓	—	—	—	—
2415S	—	✓	—	—	—
2802S-10	✓	—	✓	✓	—
2803S-10	—	✓	✓	✓	—
2804S-10	✓	—	✓	✓	—
2805S-10	—	✓	✓	✓	—
2922S	—	✓	—	—	✓
2923S-10	—	✓	✓	✓	✓

### Optional Accessories

Contact points for Mitutoyo's dial indicators refer to pages F-37 to F-40 for details.

Interchangeable backs refer to page F-41 for details.

Plunger lifting aids refer to page F-42 for details.

Measuring stands refer to pages F-67 to F-72 for details.

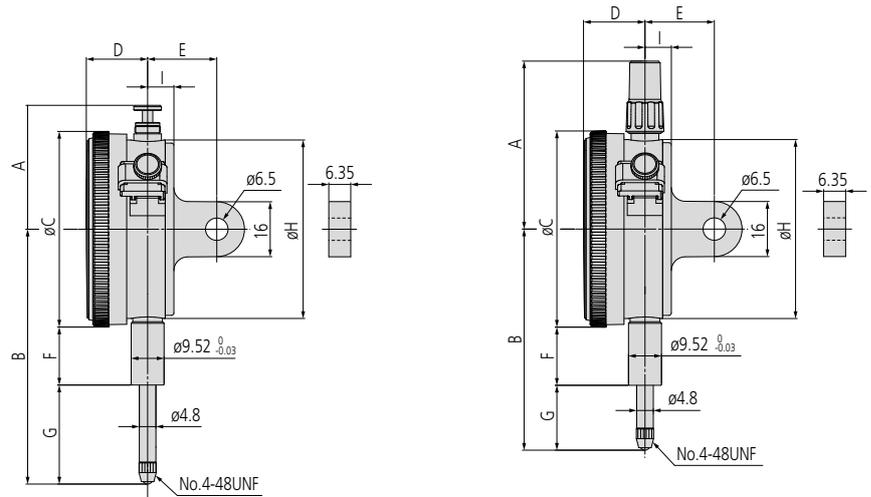
### Specifications

Inch								
Code No.	Graduation	Range (range/rev)	Accuracy		Repeatability	Scale	Measuring force	
			First rev / 2.5 rev / 10 rev	Retrace				
2414S	.001"	.5" (.1")	±.001" / ±.001" / ±.001"		.0002"	±.0002"	±0-100	
2415S			.0002"					
2922S	.0005"	.125" (.05")	±.0005" / ±.0005" / —		.00016"	±.0001"	0-25-0	
2358S-10	.0001"	.5" (.01")	±.0002" / .0002" / ±.0003"		.00015"	±.00003"	0-10	
			±.0004" (first 20 rev) / ±.0008" (over 20 rev)					
2802S-10		.025" (.01")	±.0001" / ±.0001" / —		.0001"			0-5-0
2803S-10								0-10
2804S-10								0-10
2805S-10								0-5-0
2923S-10	.05" (.01")	±.0001" / ±.0001" / ±.0002"			0-5-0			

## Dimensions

Unit: mm

ANSI/AGD type



Code No.	A	B	C	D	E	F	G	H	I				
2358S-10		63.6					21.5						
2414S	38.9	64.1					22						
2415S													
2802S-10	48.8	51.4	57	17.7	19	13.6	9.3	52	7.6				
2803S-10													
2804S-10													9.6
2805S-10													
2922S													12.2
2923S-10													9.6