

# Dial Caliper

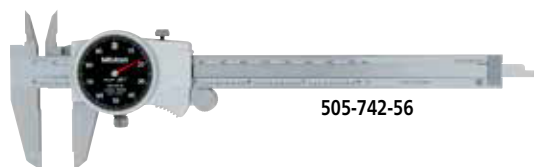
## SERIES 505

### FEATURES

- New designed dial movement for ultra-smooth sliding and high-shock protection.
- Improved finish on sliding surfaces for longevity.
- New face for improved readability.
- Removal of TiN coating on sliding surfaces without sacrificing wear life.
- Lock screw for dial bezel and for holding the sliding jaw position.
- Can measure OD, ID, depth and steps.
- Models available with carbide-tipped OD and ID jaws.
- Supplied in fitted plastic case.



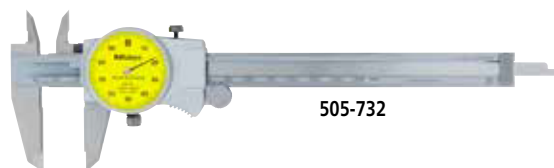
505-746



505-742-56



505-745



505-732



.100" per revolution



.200" per revolution



1mm per revolution



2mm per revolution

### SPECIFICATIONS

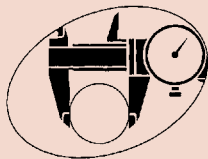
**Metric** 1mm Per One Revolution

Range	Order No.	Accuracy	Graduation	Remarks
0-150mm	505-732	+/-0.03mm	0.01mm	—
0-200mm	505-733	+/-0.03mm	0.01mm	—

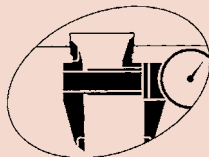
**Metric** 2mm Per One Revolution

Range	Order No.	Accuracy	Graduation	Remarks
0-150mm	505-730	+/-0.03mm	0.02mm	—
0-150mm	505-734	+/-0.03mm	0.02mm	Carbide-tipped jaws for OD measurement
0-150mm	505-735	+/-0.03mm	0.02mm	Carbide-tipped jaws for OD & ID measurement
0-200mm	505-731	+/-0.03mm	0.02mm	—
0-300mm	505-745	+/-0.04mm	0.02mm	—

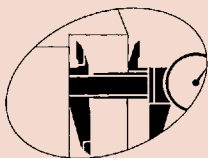
## Measurement Applications



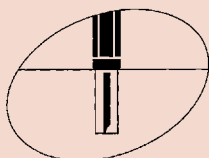
1. Outside measurement



2. Inside measurement



3. Step measurement



4. Depth measurement

## SPECIFICATIONS

**Inch** .1" Per Revolution

Range	Order No.	Accuracy	Graduation	Remarks
0-6"	<b>505-742</b>	+/- .001"	.001"	-
0-6"	<b>505-742-51</b>	+/- .001"	.001"	Blue Dial Face
0-6"	<b>505-742-52</b>	+/- .001"	.001"	Purple Dial Face
0-6"	<b>505-742-53</b>	+/- .001"	.001"	Green Dial Face
0-6"	<b>505-742-54</b>	+/- .001"	.001"	Red Dial Face
0-6"	<b>505-742-55</b>	+/- .001"	.001"	Orange Dial Face
0-6"	<b>505-742-56</b>	+/- .001"	.001"	Black Dial Face
0-6"	<b>505-736</b>	+/- .001"	.001"	Carbide-tipped jaws for OD measurement
0-6"	<b>505-738</b>	+/- .001"	.001"	Carbide-tipped jaws for OD & ID measurement
0-8"	<b>505-743</b>	+/- .002"	.001"	-
0-8"	<b>505-737</b>	+/- .002"	.001"	Carbide-tipped jaws for OD measurement
0-8"	<b>505-739</b>	+/- .002"	.001"	Carbide-tipped jaws for OD & ID measurement
0-12"	<b>505-746</b>	+/- .002"	.001"	—
0-12"	<b>505-747</b>	+/- .002"	.001"	Carbide-tipped jaws for OD measurement
0-12"	<b>505-748</b>	+/- .002"	.001"	Carbide-tipped jaws for OD & ID

**Inch** .2" Per Revolution

Range	Order No.	Accuracy	Graduation	Remarks
0-6"	<b>505-740</b>	+/- .001"	.001"	—
0-6"	<b>505-744</b>	+/- .001"	.001"	Carbide-tipped jaws for OD measurement
0-8"	<b>505-741</b>	+/- .002"	.001"	—
0-12"	<b>505-749</b>	+/- .002"	.001"	—
0-12"	<b>505-750</b>	+/- .002"	.001"	Carbide-tipped jaws for OD measurement

## DIMENSIONS AND MASS

