



Calipers



.100" per revolution



.200" per revolution

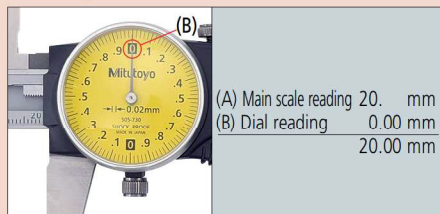


1mm per revolution



2mm per revolution

Reading



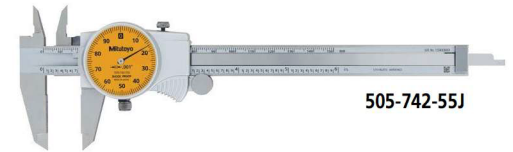
The series provides two types: Graduation 0.02 mm (2 mm/rev.) and Graduation 0.01 mm (1 mm/rev.).

Dial Caliper SERIES 505

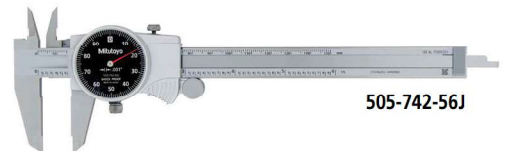
- Can measure OD, ID, depth and steps.
- Easy-to-read font on dial and main scale.
- Improved finish on sliding surfaces for longevity.
- Thumb roller for smoother measurements.
- Lock screws for dial bezel and slider lock.
- Carbide-tipped models available.
- Supplied in a fitted plastic case.



505-742J



505-742-55J



505-742-56J

SPECIFICATIONS

Inch								
Order No.	Range (in)	Graduation (in)	Accuracy (in)*	Remarks				
505-742J*1	0 - 6	0.001, 0.1/rev	±0.001	—				
505-742-51J				Blue Dial Face				
505-742-52J				Purple Dial Face				
505-742-53J				Green Dial Face				
505-742-54J				Red Dial Face				
505-742-55J				Orange Dial Face				
505-742-56J				Black Dial Face				
505-736*1	0 - 6	0.001, 0.1/rev	±0.001	Carbide-tipped jaws for outside measurement				
505-738*1				Carbide-tipped jaws for outside and inside measurement				
505-740J				—				
505-744				Carbide-tipped jaws for outside measurement				
505-741J				0 - 8	0.001, 0.2/rev	±0.002	—	
505-743J*1					0.001, 0.1/rev		—	
505-737*1					0.001, 0.2/rev		Carbide-tipped jaws for outside measurement	
505-739*1	0 - 12	0.001, 0.2/rev	±0.002	Carbide-tipped jaws for outside and inside measurement				
505-749				—				
505-746*1				0.001, 0.1/rev				
505-750				0.001, 0.2/rev				
505-747*1				0.001, 0.1/rev				
505-748*1	0.001, 0.1/rev		Carbide-tipped jaws for outside and inside measurement					

Metric					
Order No.	Range (mm)	Graduation (mm)	Accuracy (mm)*	Remarks	
505-730	0 - 150	0.02, 2/rev	±0.03	—	
505-734				Carbide-tipped jaws for outside measurement	
505-735				Carbide-tipped jaws for outside and inside measurement	
505-732*1	0 - 200	0.01, 1/rev	±0.02	—	
505-733*1				—	
505-731	0 - 300	0.02, 2/rev	±0.03	—	
505-745				±0.04	

* EMPE (ISO 13385-1:2019 and ASME B89.1.14-2018). Largest value across the measuring range. See page D-47 for MPE table.
*1 Silver cover type

DIMENSIONS

Unit: mm

Range (mm)	A	B	D	E	H	L
0 - 150	16.5	21	40	57.2	16	231
0 - 200	20	24.5	50			288
0 - 300	22	27.5	64	70.2	20	404

Outside jaw thickness: 3.5 mm
(505-745: 3.8 mm)



MRM Metrology Inc.
905 595 1000
sales@MRMmetrology.com
www.MRMmetrology.com