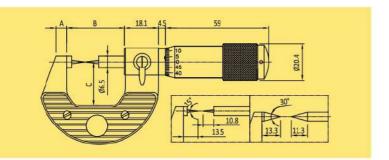
## O BALES

## **Special External Micrometer**

## **POINT**



MMC25-P2





Meas- uring Range mm	Rea- ding mm	Point Angle	Туре	A mm	mm	C mm	Meas- uring Range inch	Rea- ding inch	Туре
0 -25		15°	MMC25-P1	7.1	57.5	30.5	0 -1"		INC1-P1
0-25		30°	MMC25-P2 / 37.5	30.3	01		INC1-P2		
25-50		15°	MMC50-P1	8	83	45	1-2"	0.001	INC2-P1
25-50	0.01	30°	MMC50-P2	٥		45	1-2		INC2-P2
50-75	0.01	15°	MMC75-P1	8	108	58	2-3"		INC3-P1
30-73		30°	MMC75-P2	0		20			INC3-P2
75-100		15°	MMC100-P1	8	133	67.5	3-4"	1 1	INC4-P1
/5-100		30°	MMC100-P2	0	133	57.3	2-4		INC4-P2

### **FEATURES**

- · Spindle made from stainless steel for rust prevention
- Measuring Faces 15° & 30° hardened steel points having radius 0.3 mm approximately
- An in-built ratchet in the thimble
- Sharp laser marking for better visibility & durability
- Heat insulating grip plates cover the entire handling portion of the micrometer frame
- · Robust design withstands toughest workshop conditions

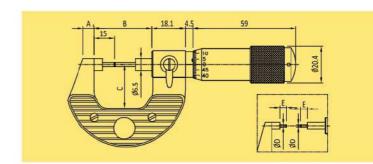
## Application

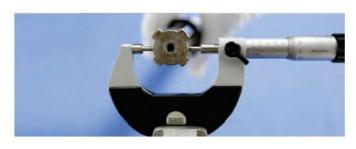
For measuring web thickness of drills, small grooves, keyways.

## **SPLINE**



MMC25-S3





Meas- uring Range mm	Rea- ding mm	Туре	A mm	B mm	C mm	D mm	E mm	Meas- uring Range inch	Rea- ding inch	Type
0 -25		MMC25-S2	7.1	57.5	30.5	2	5	0 -1"		INC1-S2
0 -25		MMC25-S3	7.1	37.3	30.5	3	8	0-1		INC1-S3
25-50	0.01	MMC50-S3	8	83	45	3	8	1-2"	0.001"	INC2-S3
50-75		MMC75-S3	8	108	58	3	8	2-3"	and the second	INC3-53
75-100		MMC100-53	8	133	67.5	3	8	3-4"		INC4-S3

## **FEATURES**

- · Spindle made from stainless steel for rust prevention
- Measuring faces: carbide tipped available in two types Ø2 x 5 mm & Ø3 x 8 mm
- · An in-built ratchet in the thimble
- · Sharp laser marking for better visibility & durability
- Heat insulating grip plates cover the entire handling portion of the micrometer frame
- · Robust design withstands toughest workshop conditions

#### Application

For measuring recessess, grooves, Splines, Slots, Keyways & small parts in precision work.

# **Special External Micrometer**

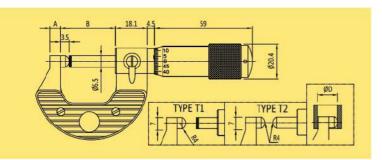


## TUBE



MMC25-T1

MMC25-T2





Meas- uring Range mm	Rea- ding mm	Туре	A	B mm	Min. Ø D mm	Meas- uring Range inch	Rea- ding inch	Туре
0 -25		MMC25-T1 MMC25-T2	5.5	32.5	9.5	0 -1"		INC1-T1 INC1-T2
25-50		MMC50-T1	6	57.5	10	1-2"		INC2-T1
50-75	0.01	MMC50-T2 MMC75-T1	8	83	12	2-3"	0.001"	INC2-T2 INC3-T1
		MMC75-T2 MMC100-T1					}	INC3-T2 INC4-T1
75-100		MMC100-T2	8	108	12	3-4"		INC4-T2

### **FEATURES**

- Spindle made from stainless steel for rust prevention
- Measuring faces: hardened steel available in two types:
  - T1 one end spherical
- T2 both ends spherical An in-built ratchet in the thimble
- Sharp laser marking for better visibility & durability
- Heat insulating grip plates cover the entire handling portion of the micrometer frame
- Robust design withstands toughest workshop conditions

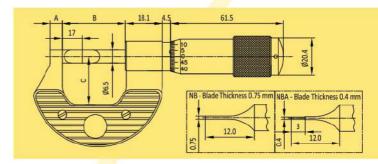
#### Application

For measuring curved surfaces & wall thickness of tubes, rings, bearings etc.

## BLADE



MMC25-NB





Meas- uring Range mm	Rea- ding mm	Туре	A mm	B mm	C mm	Meas- uring Range inch	Rea- ding inch	Туре
0 -25	0.01	MMC25-NB MMC25-NBA	7.1	57.5	30.5	0-1"		INC1-NB INC1-NBA
25-50		MMC50-NB MMC50-NBA	8	83	45	1-2"		INC2-NBA
50-75		MMC75-NB MMC75-NBA	8	108	58	2-3"	0.001"	INC3-NBA
75-100		MMC100-NB MMC100-NBA	8	133	67.5	3-4"		INC4-NBA

#### NOTE-

NB-Blade Thickness 0.75 mm NBA-Blade Thickness 0.40 mm

## **FEATURES**

- Spindle made from stainless steel for rust prevention
- Measuring faces: hardened steel
- An in-built ratchet in the thimble
- Sharp laser marking for better visibility & durability
- Heat insulating grip plates cover the entire handling portion of the micrometer frame
- Robust design withstands toughest workshop conditions

#### Application

For measuring small grooves on shaft dia., keyways and other hard to reach geometries / profiles.

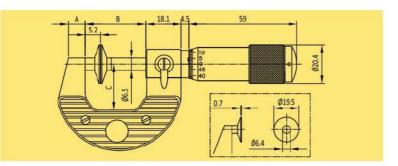
# **Special External Micrometer**



## **DISC: ROTATING**



MMC25-D



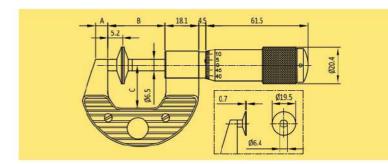


Measuring Range mm	Read- ing mm	Туре	A mm	B mm	C mm	Measuring Range inch	Read- ing inch	Туре
0 -25		MMC25-D	10	36	29	0 -1"		INC1-D
25-50	0.01	MMC50-D	7.1	61.5	31	1-2"	0.001"	INC2-D
50-75	0.01	MMC75-D	8	87	45.5	2-3"	0.001	INC3-D
75-100		MMC100-D	5.9	110	57.5	3-4"		INC4-D

## **DISC: NON-ROTATING**



MMC25-ND





Measuring Range mm	Read- ing mm	Туре	A mm	B	C mm	Measuring Range inch	Read- ing inch	Туре
0 - 25		MMC25-ND	10	36	29	0 -1"		INC1-ND
25 - 50	0.01	MMC50-ND	7.1	61.5	31	1 - 2"	0.001"	INC2-ND
50 -75	0.01	MMC75-ND	8	87	45.5	2 - 3"	0.001	INC3-ND
75 -100		MMC100-ND	5.9	110	57.5	3 - 4"		INC4-ND

### **FEATURES**

- · Spindle made from stainless steel for rust prevention
- · Measuring faces: hardened steel
- · An in-built ratchet in the thimble
- · Sharp laser marking for better visibility & durability
- Heat insulating grip plates cover the entire handling portion of the micrometer frame
- · Robust design withstands toughest workshop conditions

#### Application

For measuring root tangent length of spur & helical gears, recess distances etc.

## **FEATURES**

- · Non-rotating spindle (only axial moment of spindle)
- · Spindle made from stainless steel for rust prevention
- Measuring faces: hardened steel
- · An in-built ratchet in the thimble
- · Sharp laser marking for better visibility & durability
- Heat insulating grip plates cover the entire handling portion of the micrometer frame
- Robust design withstands toughest workshop conditions

#### Application

For measuring thickness of paper, felt, rubber, fabric etc.