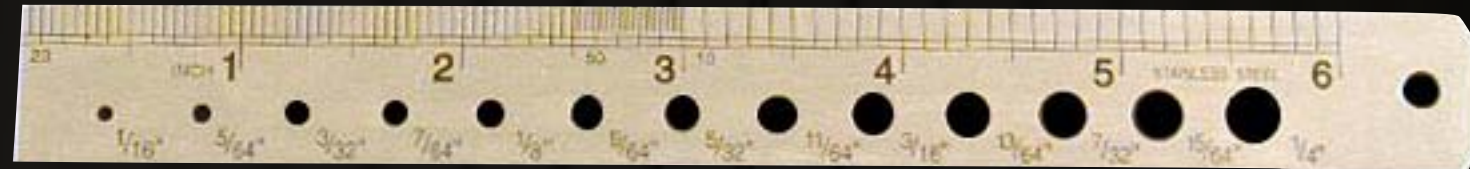


# METROLOGY

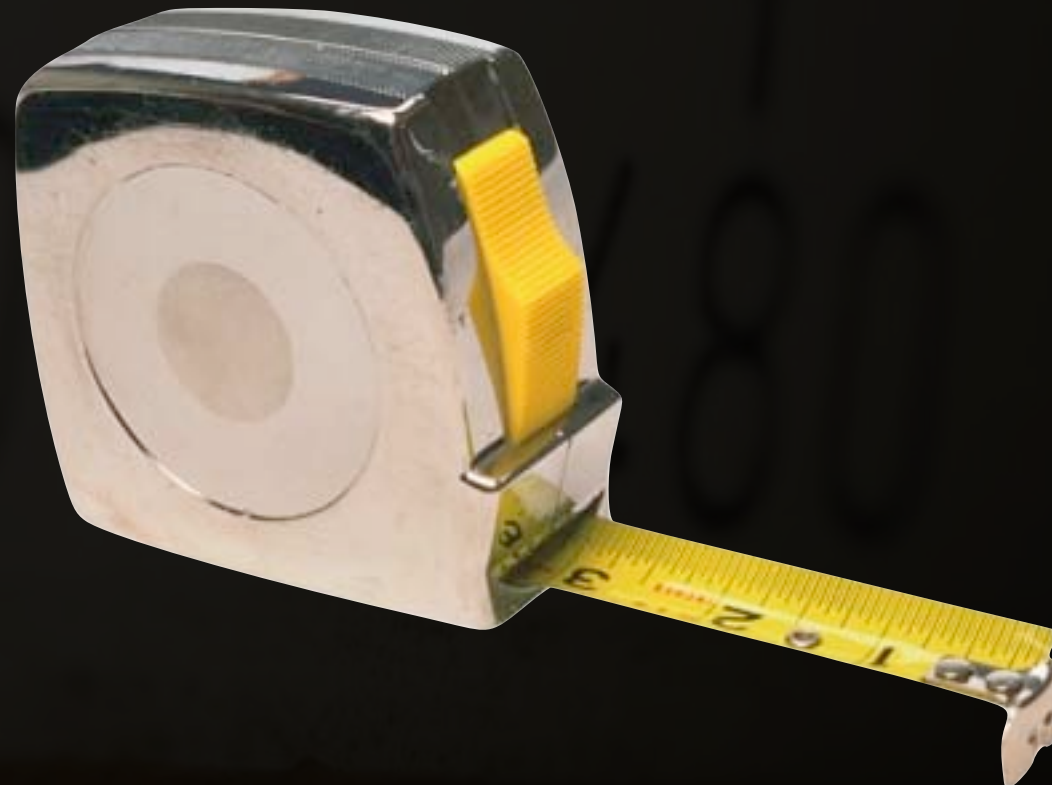
me-trol-o-gy | me'träləjē | (n.) the scientific study of measurement.

# MEASURING TOOLS

## RULER

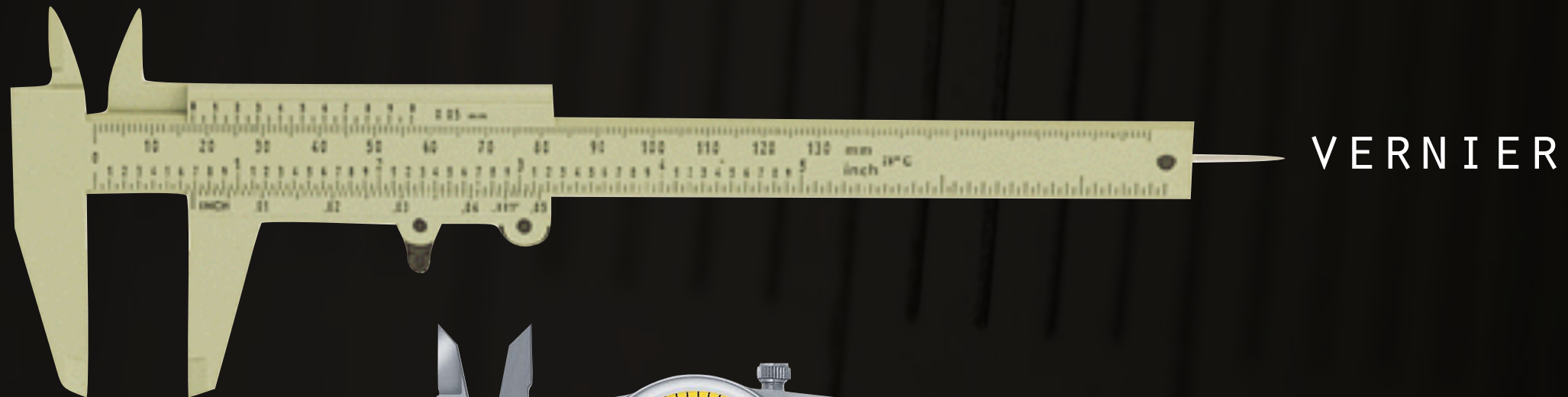


## TAPE MEASURE

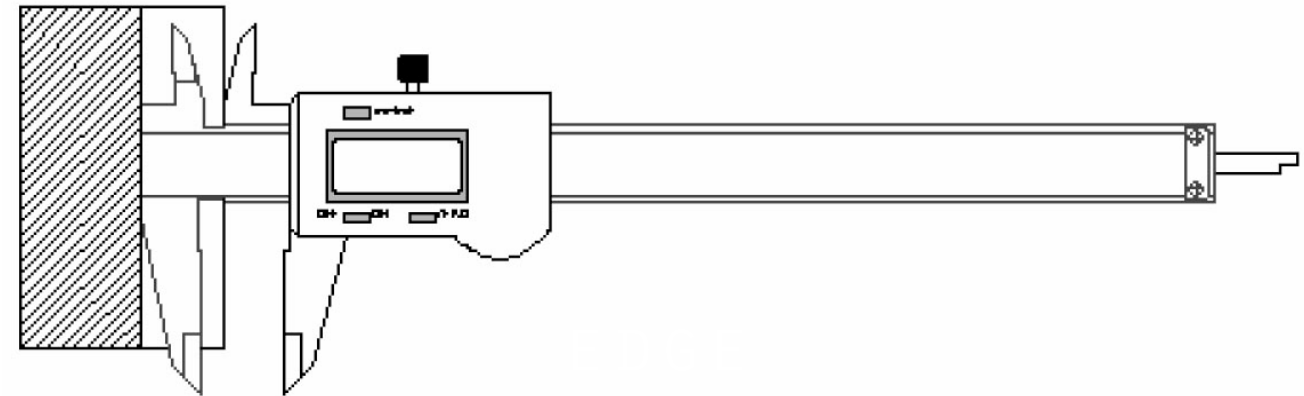
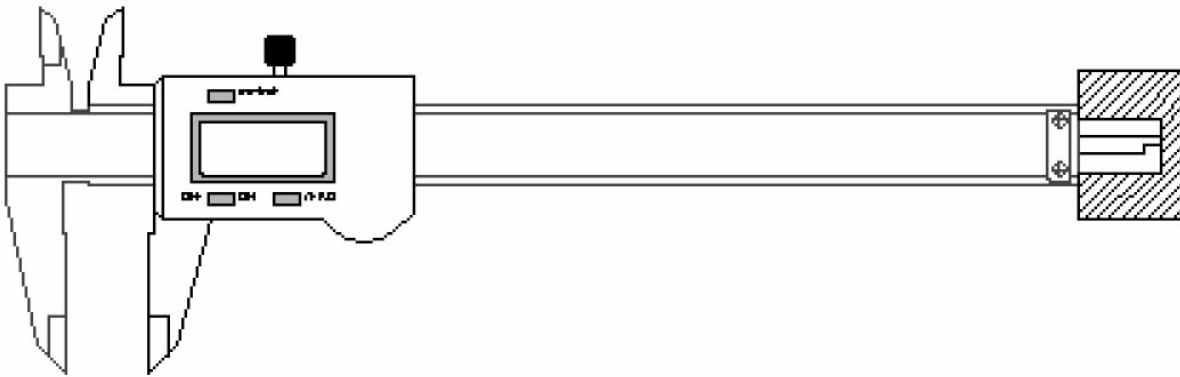
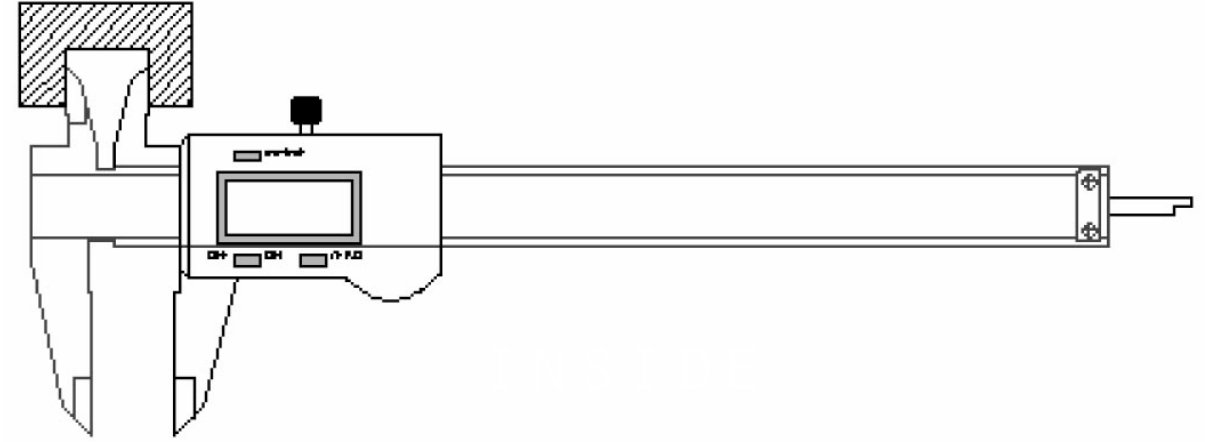
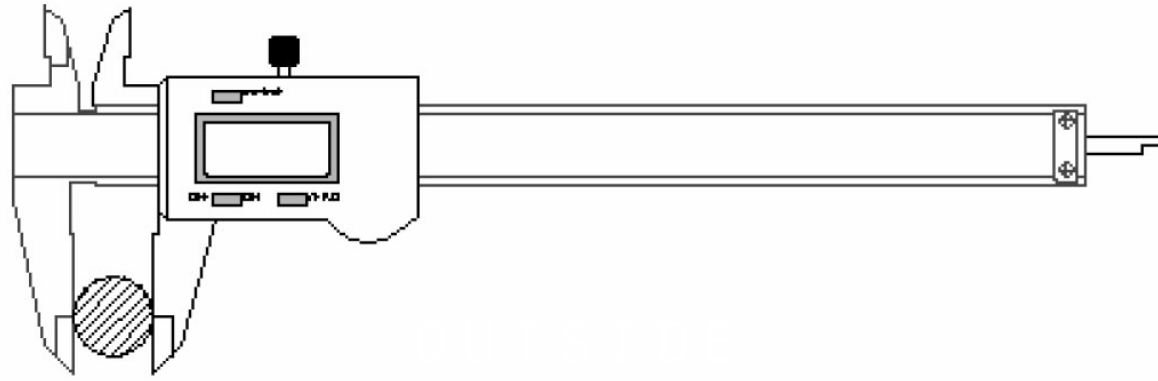


# MEASURING TOOLS

## CALIPERS



# USING CALIPERS

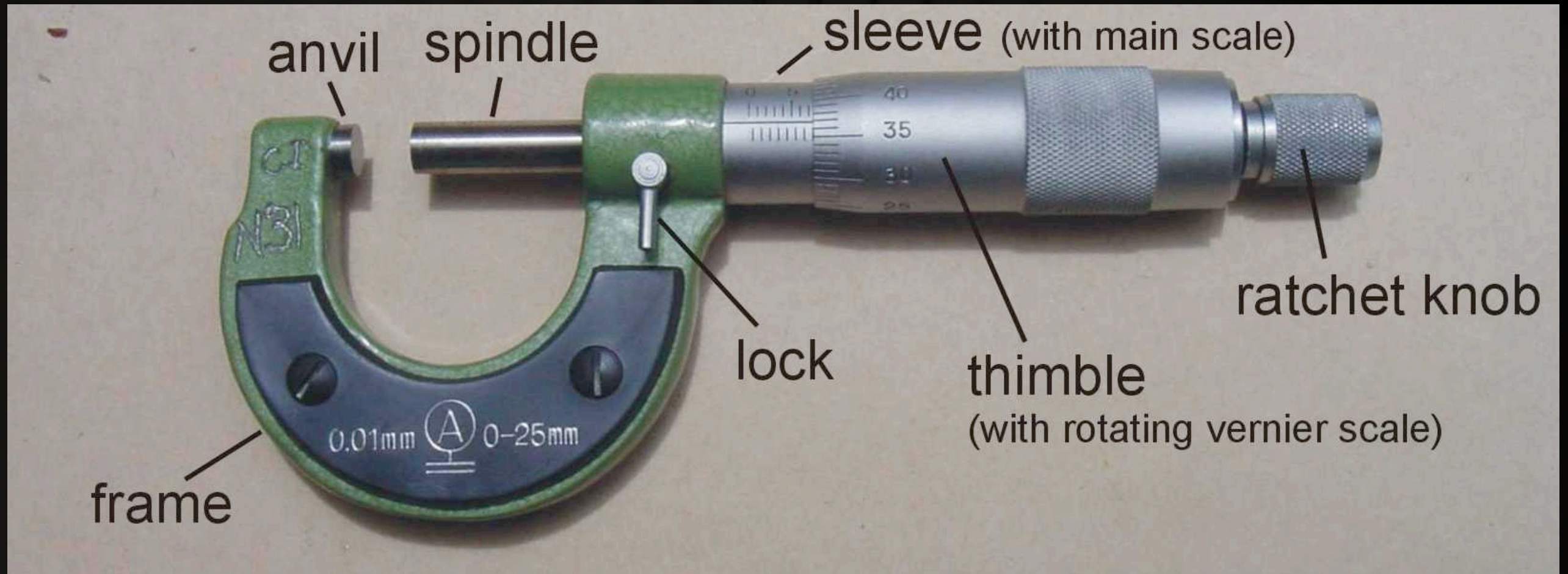




# SHOP TALK

ONE “THOU” = 0.001 INCHES

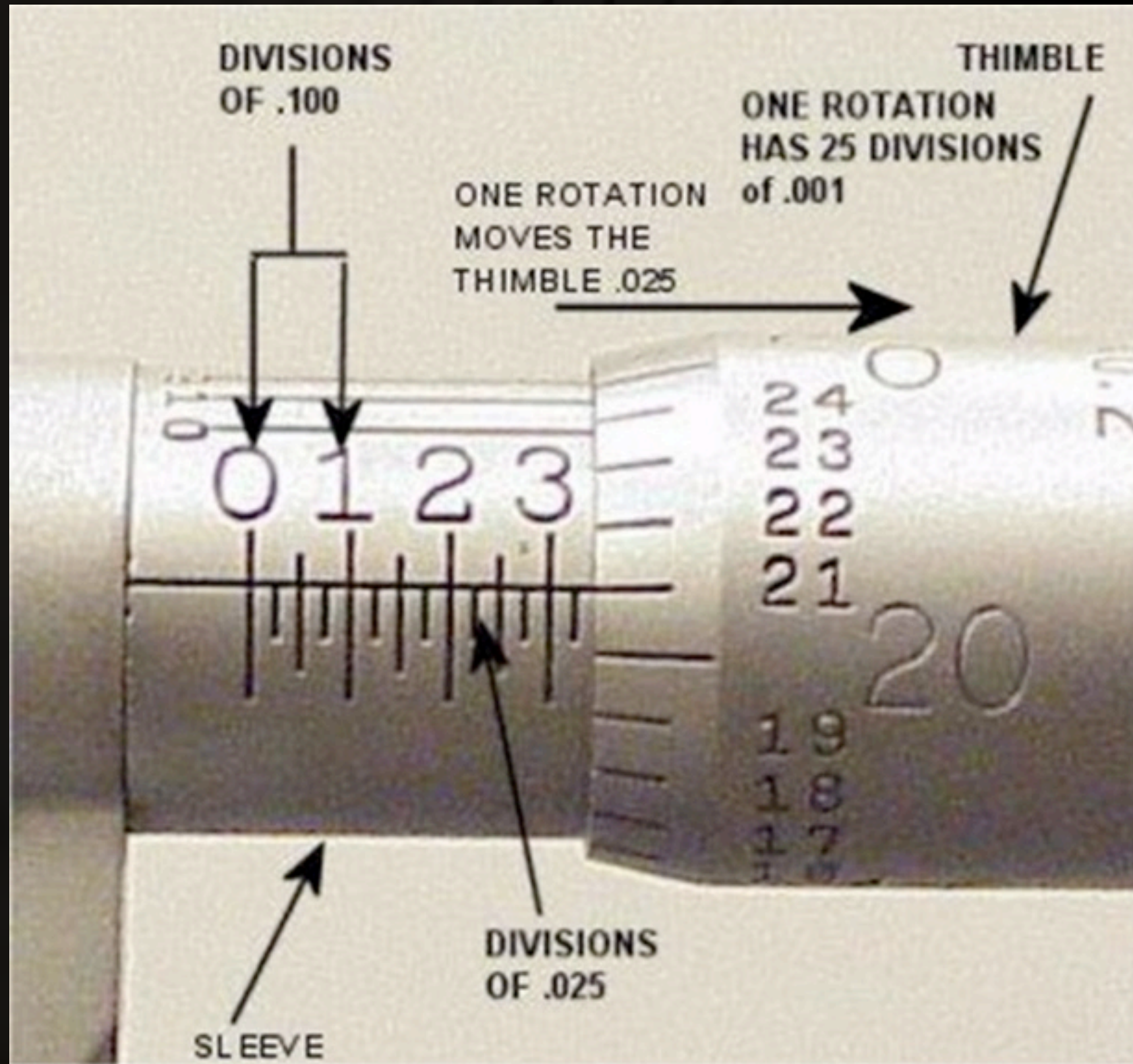
# MICROMETER



THIS LOOKS USEFUL - BUT HOW DO WE USE IT?



# MICROMETER SCALE











# VERNIER SCALE



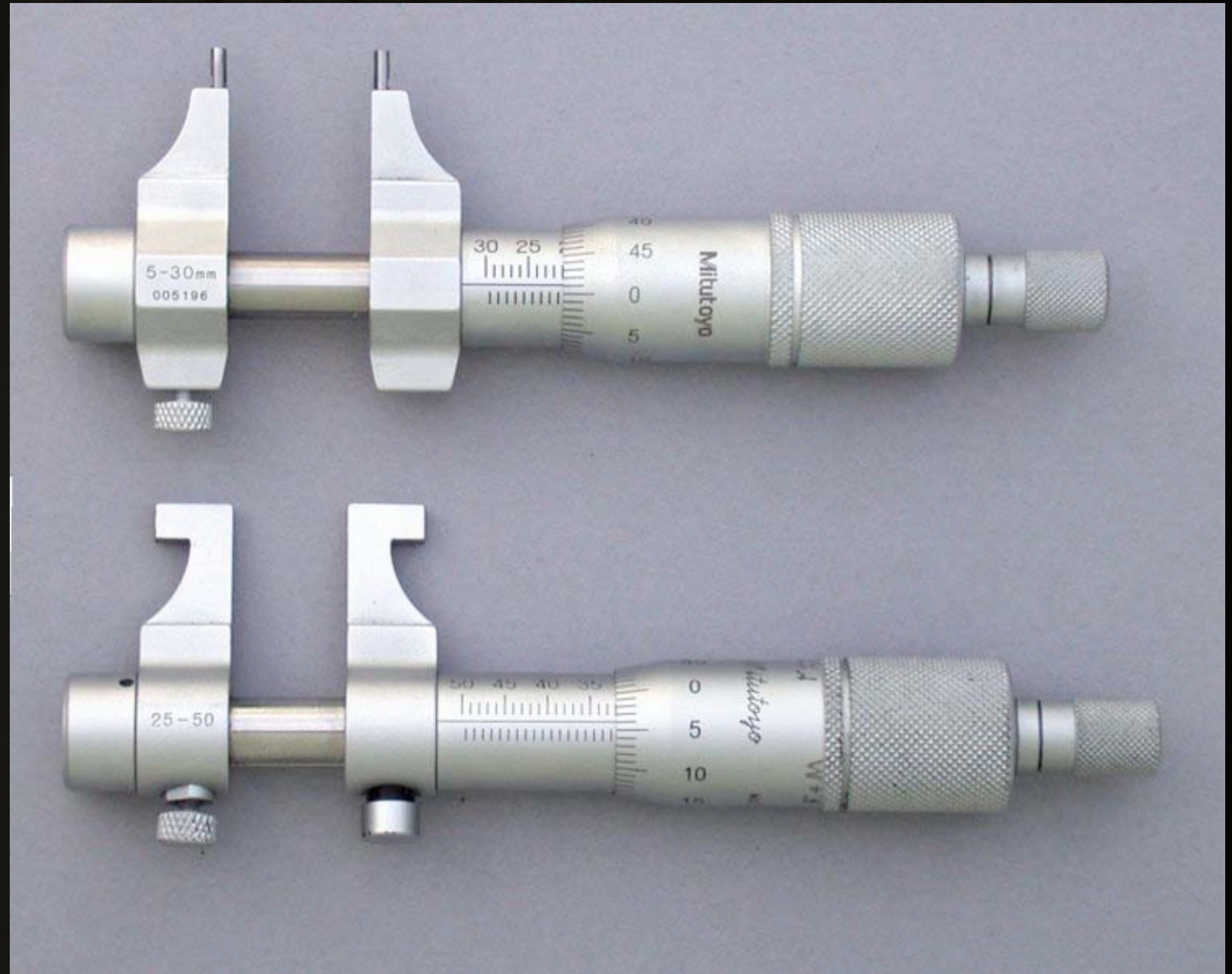
WHAT'S THIS? ANOTHER SET OF LINES...



# OTHER MICROMETERS



DEPTH



INSIDE