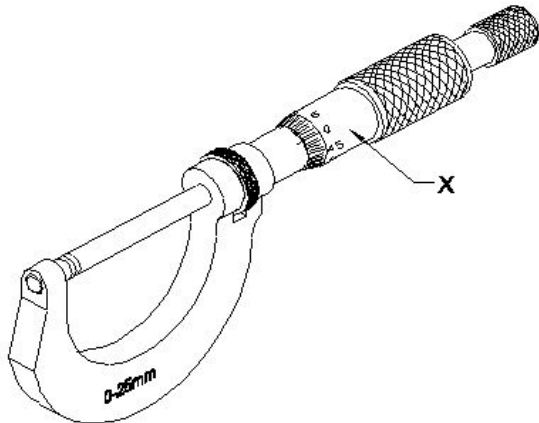


1). What type of operation is carried out in a gang drilling machine?

- (A) Idle operation
- (B) Repeated operation of drilling
- (C) Continuous milling operation
- (D) Successive operation of drilling

Correct Answer: D

2). What is the name of the part marked as 'X' shown in the figure?



- (A) Spindle
- (B) Sleeve
- (C) Thimble
- (D) Spindle lock

Correct Answer: C

3). What is the spindle movement of one division of thimble with spindle thread of 0.5mm pitch?

- (A) 0.01 mm
- (B) 0.001 mm
- (C) 0.5 mm
- (D) 0.02 mm

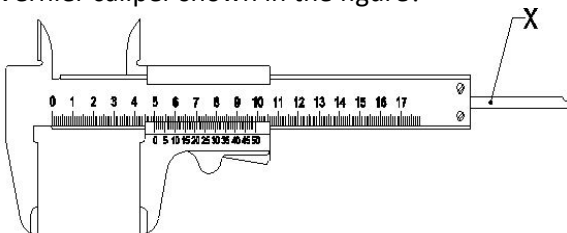
Correct Answer: A

4). Which is an integral part of the stock in vernier bevel protractor?

- (A) Disc
- (B) Dial
- (C) Blade
- (D) Main scale

Correct Answer: B

5). What is the name of the part marked as 'X' in Vernier caliper shown in the figure?

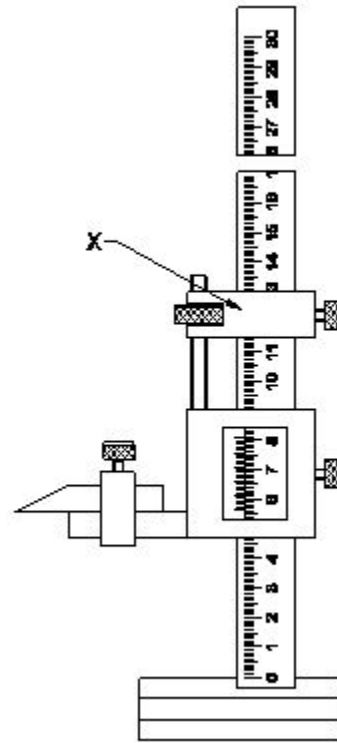


- (A) Beam
- (B) Fixed jaw

- (C) Depth bar
- (D) Thumb lever

Correct Answer: C

6). What is the name of the part marked as 'X' shown in the figure?



- (A) Beam
- (B) Main scale
- (C) Fine adjusting nut
- (D) Fine adjusting slide

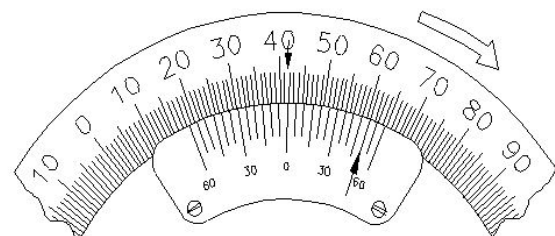
Correct Answer: D

7). What is the accuracy of a metric outside micrometer?

- (A) 0.01 mm
- (B) 0.001 mm
- (C) 0.02 mm
- (D) 0.002 mm

Correct Answer: A

8). What is the reading of the vernier bevel protractor shown in the figure?



- (A) 18° 50'
- (B) 41° 50'
- (C) 50° 50'

(D) 58° 50'

Correct Answer: B

9). In which situation the zero setting of a digital vernier caliper is necessary?

- (A) While removing the battery from caliper
- (B) While turning off the vernier caliper
- (C) When jaws touch together
- (D) When jaws are separated

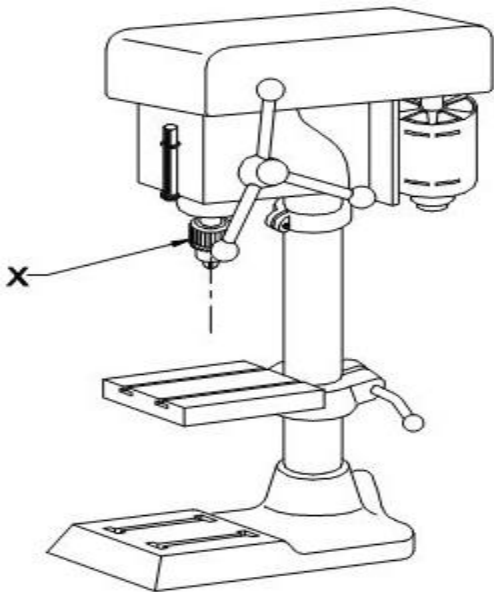
Correct Answer: C

10). Which part of the drilling machine is used to achieve set a different speed?

- (A) Flat pulley
- (B) Jockey pulley
- (C) Stepped pulley
- (D) Fast and loose pulley

Correct Answer: C

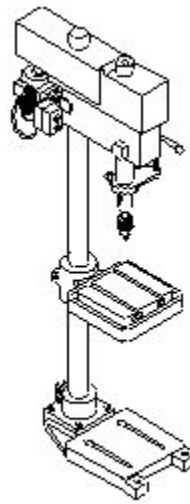
11). What is the name of the part marked as 'X' shown in the figure?



- (A) Drill chuck
- (B) Feed handle
- (C) Driving motor
- (D) Depth gauge and stop

Correct Answer: A

12). What is the name of the drilling machine shown in the figure?



- (A) Pillar drilling machine
- (B) Gang drilling machine
- (C) Bench drilling machine
- (D) Radial drilling machine

Correct Answer: A

13). Which part of micrometer ensures uniform pressure between the measuring surfaces?

- (A) Ratchet stop
- (B) Spindle
- (C) Barrel / sleeve
- (D) Thimble

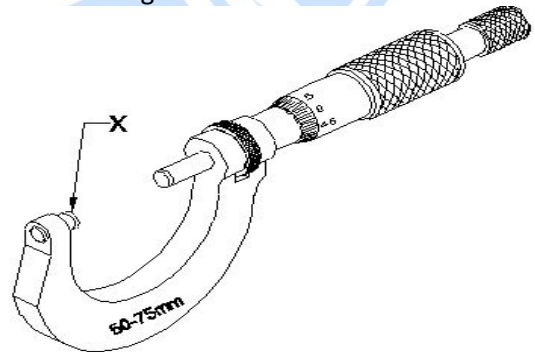
Correct Answer: A

14). How can a wide range of depth be measured using a depth micrometer?

- (A) Lengthy sleeve
- (B) Lengthy spindle
- (C) Adjustable base
- (D) Use of extension rods

Correct Answer: D

15). What is the name of the part marked as 'X' shown in the figure?



- (A) Anvil
- (B) Thimble
- (C) Spindle
- (D) Spindle lock

Correct Answer: A

16). What is the drill size for tapping M10X1.5 mm?

- (A) 9 mm
- (B) 8.8 mm
- (C) 8.5 mm
- (D) 9.2 mm

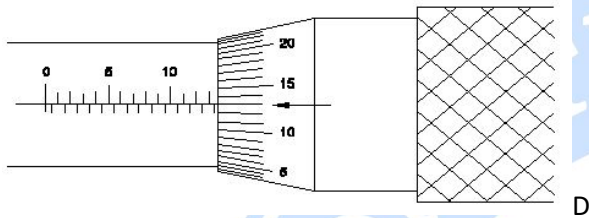
Correct Answer: C

17). Which material is used to make drill chuck?

- (A) High speed steel
- (B) Mild steel
- (C) Special alloy steel
- (D) High carbon steel

Correct Answer: C

18). What is the reading of the outside micrometer 50mm to 75mm shown in the figure?



- (A) 3.63 mm
- (B) 3.00 mm
- (C) 3.36 mm
- (D) 3.13 mm

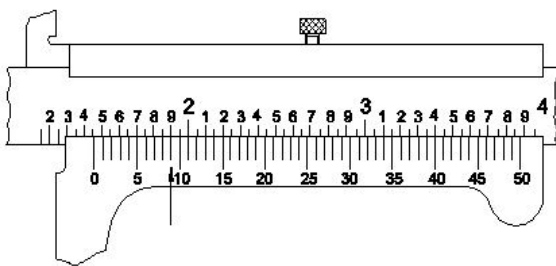
Correct Answer: A

19). Identify the type of drilling machine whose spindle head is moved towards or away from the column.

- (A) Pillar drilling machine
- (B) Gang drilling machine
- (C) Radial drilling machine
- (D) Sensitive bench drilling machine

Correct Answer: C

20). What is the reading of vernier caliper with inch graduations shown in the figure?



- (A) 1.068 "
- (B) 1.459 "
- (C) 1.418 "
- (D) 1.409 "

Correct Answer: B