

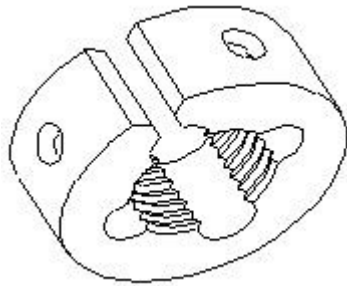
ITI Mechanic Diesel 1st Year Module 3 Fastening and Fitting

(1). Which type of the file used for filling wood and leather?

- (A) Rasp cut file
- (B) Bastard file
- (C) Second cut file
- (D) Smooth file

Correct Answer : A

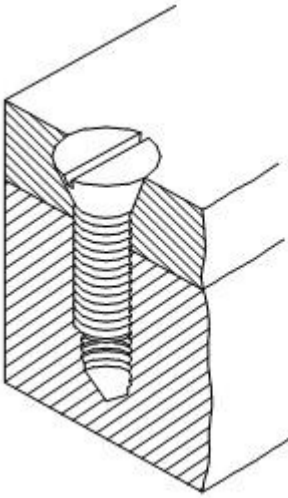
(2). What is the type of die?



- (A) Solid Die
- (B) Half die
- (C) Circular split die
- (D) Rectangle split die

Correct Answer : C

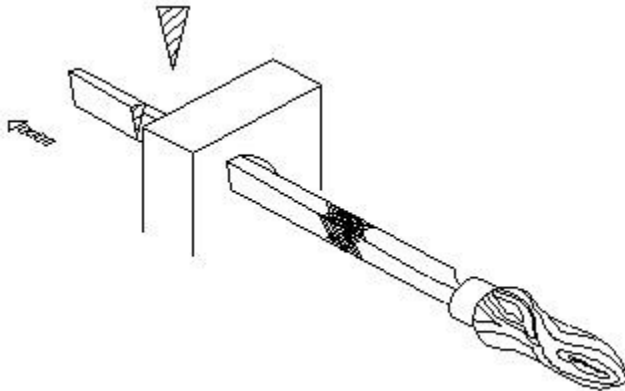
(3). What is the name of the screw?



- (A) Grub screw
- (B) Thumb screw
- (C) Hexagonal screw
- (D) Counter sink head screw

Correct Answer : D

(4). What is the name of file?



- (A) Square file
- (B) Half round file
- (C) Triangular file

(D) Knife edge file

Correct Answer : D

(5). Which type of fit represent the tolerance zone of the hole and shaft over lap each other?

(A) Transition fit

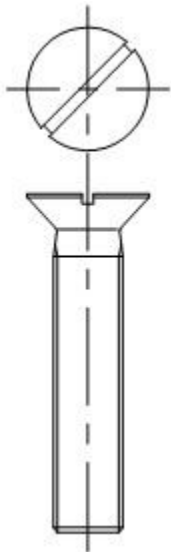
(B) Clearance fit

(C) Shrinkage fit

(D) Interference fit

Correct Answer : A

(6). What is the name of the counter sink screw?



(A) Slotted counter sink head screw

(B) Slotted raised counter sink head screw

(C) Cross-recessed counter sink head screw

(D) Cross recessed raised counter sink head screw

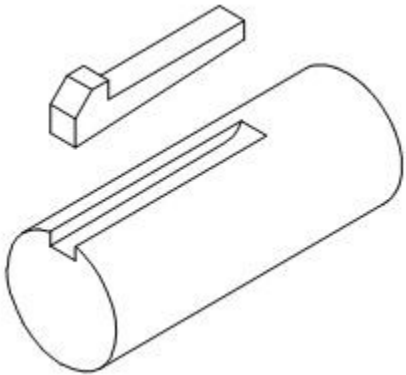
Correct Answer : A

(7). Which key used for easy fixing and removing?

- (A) Feather key
- (B) Gib-Head key
- (C) Hollow saddle key
- (D) Circular taper key

Correct Answer : B

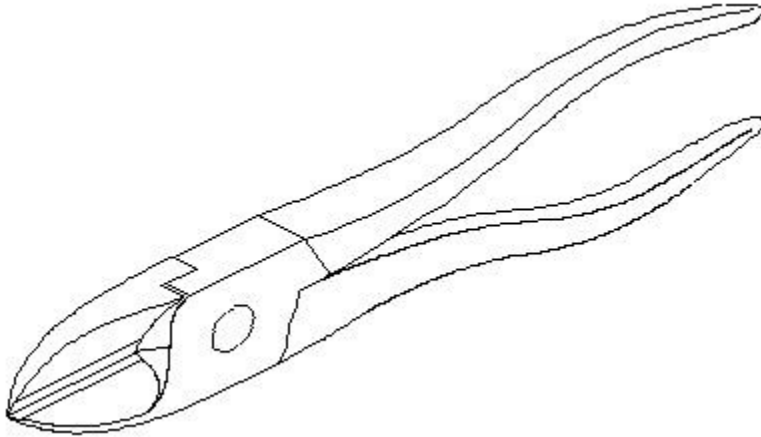
(8). What is the name of the key?



- (A) Circular taper key
- (B) Parallel sunk key
- (C) Gib-head key
- (D) Woodruff key

Correct Answer : C

(9). What is the name of the plier?



- (A) Side cutting plier
- (B) Nose plier
- (C) Circlip plier
- (D) End cutting plier

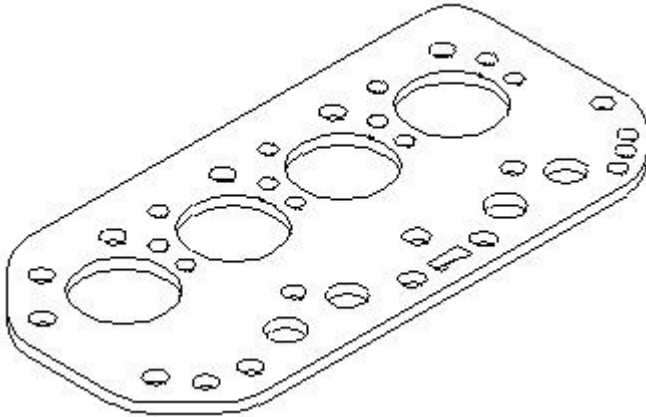
Correct Answer : A

(10). Which part of drill bit fits in to the slot of drilling machine spindle?

- (A) Body
- (B) Tang
- (C) Flute
- (D) Web

Correct Answer : B

(11). Where this gasket is used?



- (A) Exhaust manifold
- (B) Inlet manifold
- (C) Engine head
- (D) Water pump

Correct Answer : C

(12). Which drilling machine is used to drill holes between 6mm to 12 mm?

- (A) Breast drill
- (B) Ratchet hand drill
- (C) Pneumatic hand drill
- (D) Electric hand drill light duty

Correct Answer : A

(13). Which tap in a set have 20° chamfer at its end?

- (A) Intermediate tap
- (B) Taper tap
- (C) Plug tap

(D) Second tap

Correct Answer : C

(14). Why alternate teeth are staggered in hacksaw blade?

(A) For free cutting action

(B) For curve cutting action

(C) For coarse cutting action

(D) For straight cutting action

Correct Answer : A

(15). Which type of nut required to align the axle shaft hole and slot of the nut for locking?

(A) Castle nut

(B) Chuck nut

(C) Thumb nut

(D) Self lock nut

Correct Answer : A

(16). What are the tools are used to remove the drills and sockets from the machine spindle?

(A) Screw driver and hammer

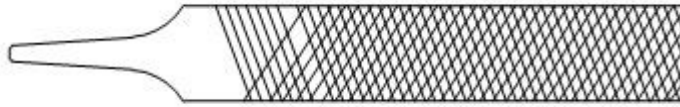
(B) Spanner and hammer

(C) Punch and hammer

(D) Drift and hammer

Correct Answer : D

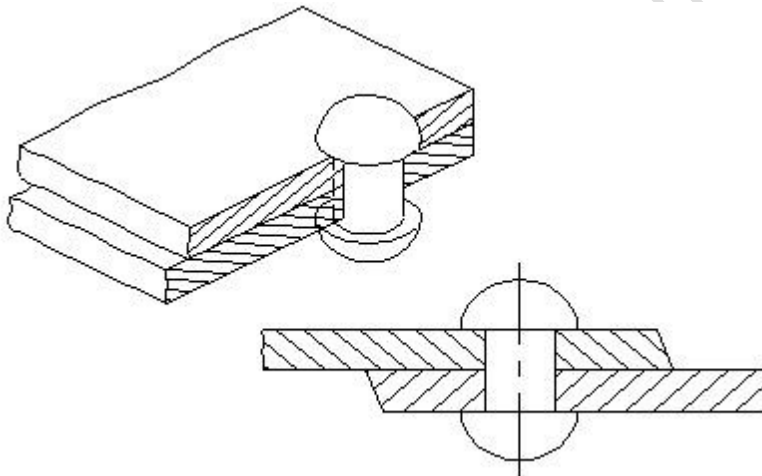
(17). What is the name of the file?



- (A) Single cut
- (B) Double cut
- (C) Rasp cut
- (D) Curved cut

Correct Answer : B

(18). What is the type of fasteners?



- (A) Bolt
- (B) Screw
- (C) Rivet
- (D) Nut

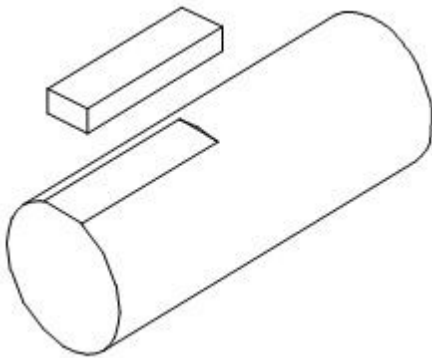
Correct Answer : C

(19). What is the pitch of wave set hacksaw blade?

- (A) 0.4 mm
- (B) 0.8 mm
- (C) 1.2 mm
- (D) Over 1.0 mm

Correct Answer : B

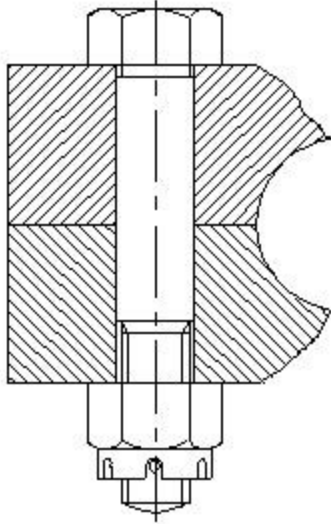
(20). What is the name of the key?



- (A) Hollow saddle key
- (B) Flat saddle key
- (C) Circular taper key
- (D) Parallel sunk key

Correct Answer : B

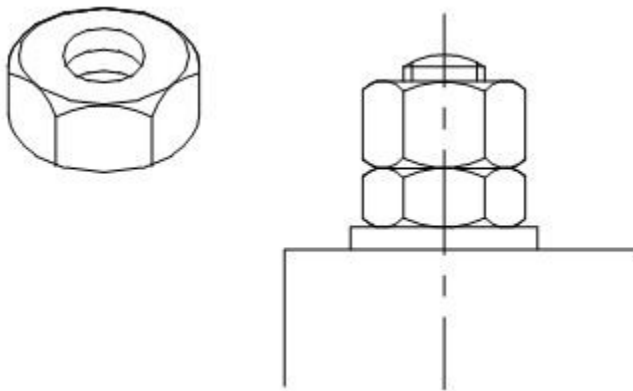
(21). What is the name of bolt?



- (A) Anti fatigue bolt
- (B) Bolt with clearance hole
- (C) 'T' Bolt
- (D) Body fit bolt

Correct Answer : D

(22). What is the name of nut?



- (A) Lock nut

- (B) Castle nut
- (C) Square nut
- (D) Slotted round nut

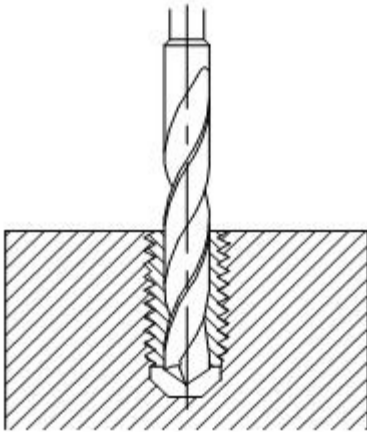
Correct Answer : A

(23). Which nut is used for structural and machine tool construction?

- (A) Square nut
- (B) Hexagonal nut
- (C) Wing nut
- (D) Castle nut

Correct Answer : B

(24). Name the method of removing broken stud.



- (A) Prick punch method
- (B) Filling square form method
- (C) Making drill hole method
- (D) Ezy-out method

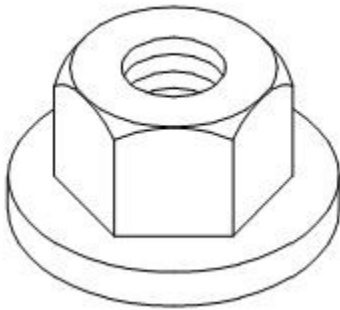
Correct Answer : C

(25). What is the pitch of hacksaw blade?

- (A) Distance between adjacent teeth
- (B) Distance between pin holes
- (C) Distance between edges of blade
- (D) Distance between Top and bottom edges

Correct Answer : A

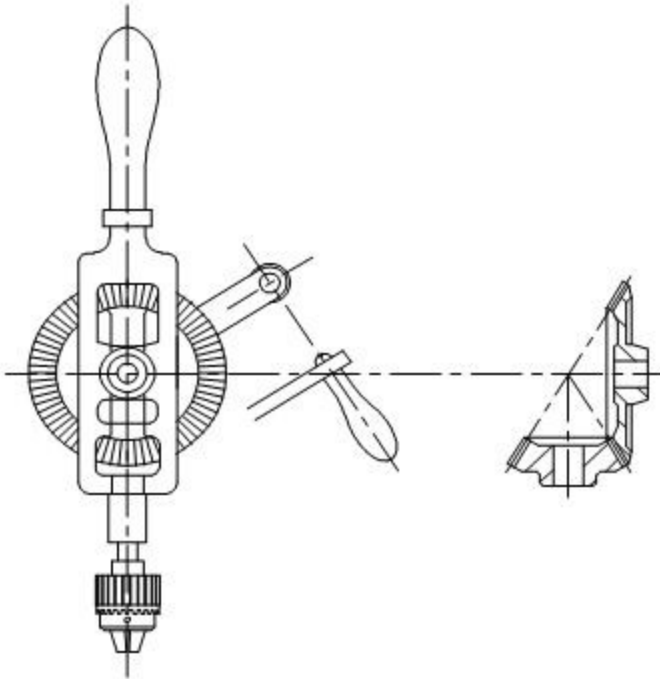
(26). What is the name of the nut?



- (A) Thumb nut
- (B) Domed cap nut
- (C) Hexagonal nut with collar
- (D) Chuck nut

Correct Answer : C

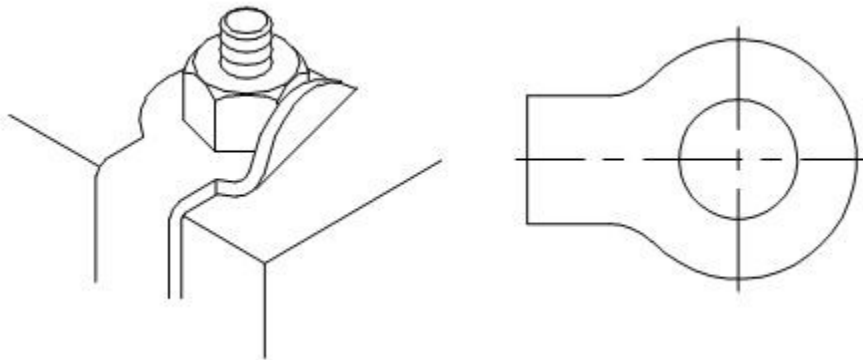
(27). What is the name of drilling machine?



- (A) Ratchet drilling machine
- (B) Bevel gear drilling machine
- (C) Pneumatic drilling machine
- (D) Breast drilling machine

Correct Answer : B

(28). What is the name of the washer?



- (A) Plain washer

- (B) Tab washer
- (C) Spring washer
- (D) Toothed lock washer

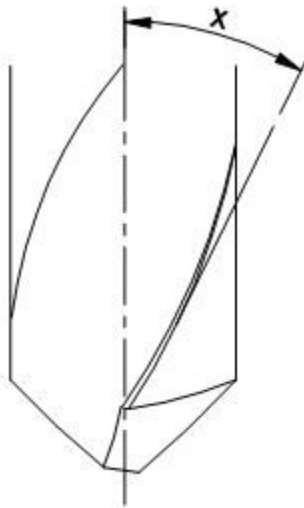
Correct Answer : B

(29). What is the material of the hand tap?

- (A) Cast Iron
- (B) Low carbon steel
- (C) High speed steel
- (D) Stainless steel

Correct Answer : C

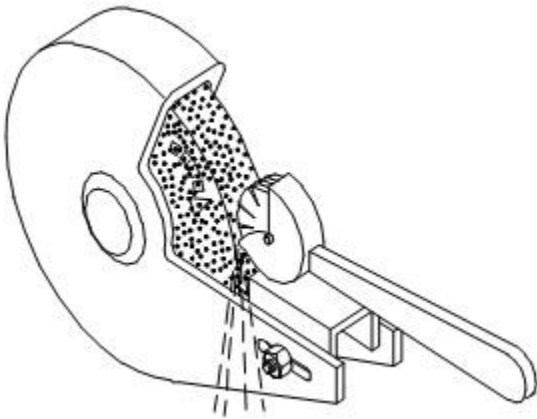
(30). What is the name of the angle marked as 'x'?



- (A) Helix angle
- (B) Rake angle
- (C) Point angle
- (D) Clearance angle

Correct Answer : B

(31). What type of operation carried out on grinding wheel?



- (A) Glazing
- (B) Loading
- (C) Dressing
- (D) Pinning

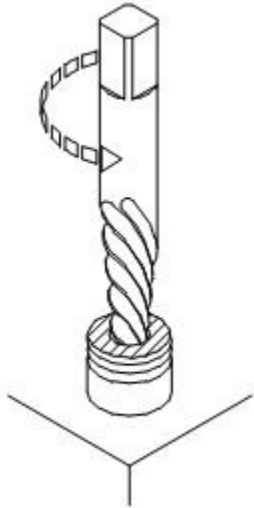
Correct Answer : C

(32). Which key is used while hub slides axially in the shaft?

- (A) Woodruff key
- (B) Gib-Head key
- (C) Feather key
- (D) Hollow saddle key

Correct Answer : C

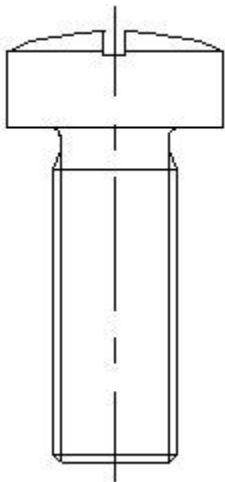
(33). Name the method of removing broken stud.



- (A) Making drill hole method
- (B) Ezy-out method
- (C) Filling square form method
- (D) Prick punch method

Correct Answer : B

(34). What is the type of the machine screw head?

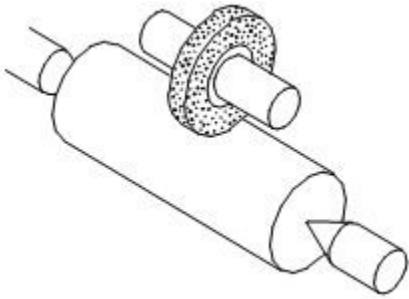


- (A) Pan head
- (B) Round head

- (C) Cheese head
- (D) Raised cheese head

Correct Answer : A

(35). What is the method of the metal cutting operation?



- (A) Abrasion
- (B) Fusion
- (C) Incision
- (D) Rough grinding

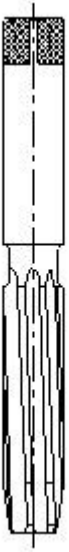
Correct Answer : A

(36). Which type of fit will have maximum size hole and minimum size shaft?

- (A) Interference fit
- (B) Clearance fit
- (C) Transition fit
- (D) Shrinkage fit

Correct Answer : B

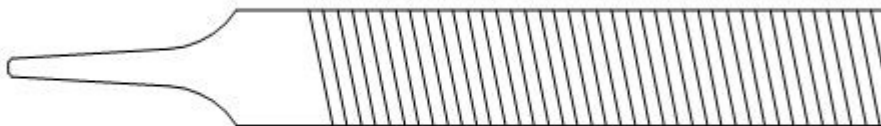
(37). What is the name of reamer?



- (A) Machine reamer
- (B) Hand reamer
- (C) Hand drill
- (D) Machine drill

Correct Answer : B

(38). What is the name of the file?



- (A) Single cut
- (B) Double cut
- (C) Rasp cut
- (D) Curved cut

Correct Answer : A

(39). What is the recommended gap between tool post and grinding wheel?

- (A) 1 mm
- (B) 2 mm
- (C) 3 mm
- (D) 4 mm

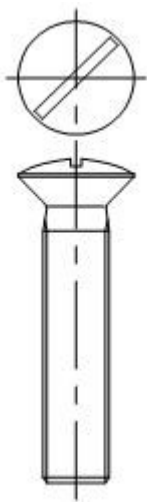
Correct Answer : B

(40). How to hold the small jobs while working on bench grinder?

- (A) Hold the job with cotton waste
- (B) Hold the job with gloves
- (C) Hold the job with pliers
- (D) Hold the job with hand

Correct Answer : C

(41). What is the name of the counter sink head screw?



- (A) Slotted counter sink screw

- (B) Cross-recessed counter sink head screw
- (C) Slotted raised counter sink head screw
- (D) Cross recessed raised counter sink head

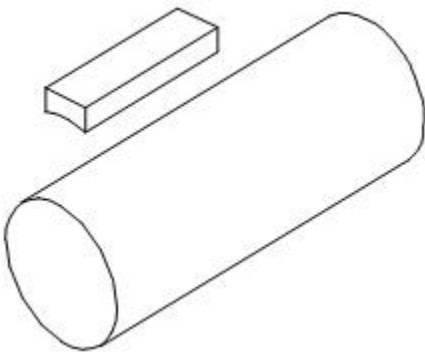
Correct Answer : C

(42). A hole is to be reamed with a 10 mm reamer. What will be the diameter if the drill for drilling the hole before reaming? Under size = 0.2mm, over size = 0.05 mm?

- (A) 9.75 mm
- (B) 9.85 mm
- (C) 9.95 mm
- (D) 10.20 mm

Correct Answer : A

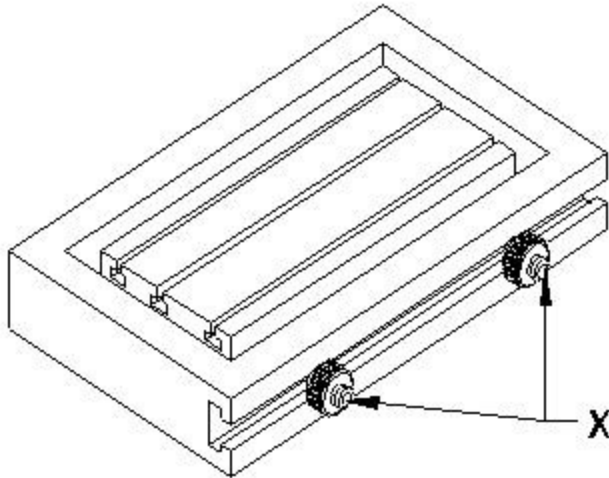
(43). What is the name of the key?



- (A) Hollow saddle key
- (B) Flat saddle key
- (C) Circular taper key
- (D) Parallel sunk key

Correct Answer : A

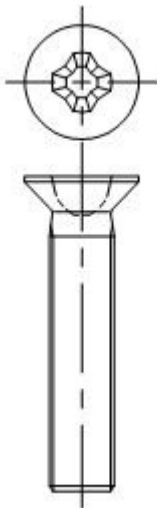
(44). What is the name of the nut marked 'X'?



- (A) Chuck nut
- (B) Thumb Nut
- (C) Domed cap nut
- (D) Hexagonal nut with collar

Correct Answer : B

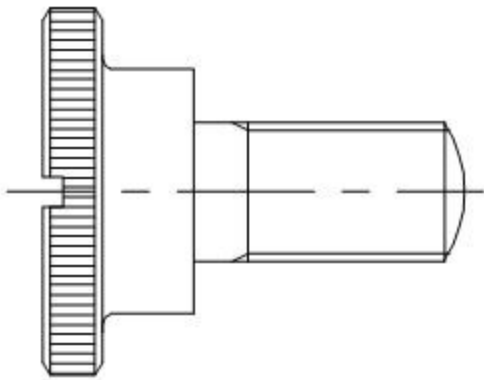
(45). What is the name of the counter sink screw?



- (A) Slotted counter sink
- (B) Cross-recessed counter sink head screw
- (C) Slotted raised counter sink
- (D) Cross recessed raised counter sink

Correct Answer : B

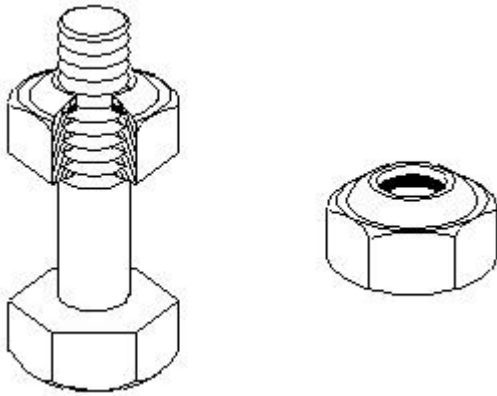
(46). What is the name of the screw?



- (A) Set screw
- (B) Thumb screw
- (C) Hexagonal screw
- (D) Grub screws

Correct Answer : B

(47). What is the type of nut?



- (A) Using nut
- (B) Thumb nut
- (C) Square nut
- (D) Self locking nut

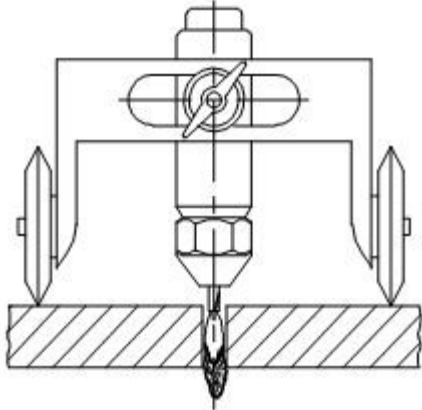
Correct Answer : D

(48). Which angle helps in the penetration of the cutting edges in the material?

- (A) Helix angle
- (B) Point angle
- (C) Clearance angle
- (D) Rake angle

Correct Answer : C

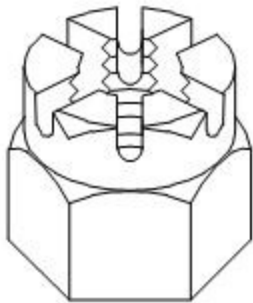
(49). What is the method of metal cutting operation?



- (A) Abrasion
- (B) Fusion
- (C) Incision
- (D) Rough grinding

Correct Answer : B

(50). What is the name of the nut?



- (A) Square nut
- (B) Lock nut
- (C) Castle nut
- (D) Self locking nut

Correct Answer : C

