

SHARPENING A DRILL BIT

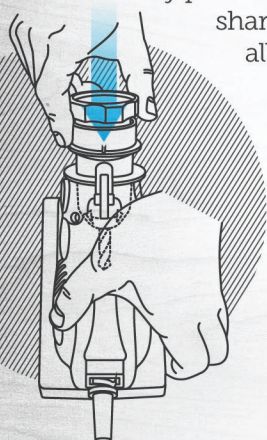
ALIGN

Insert drill bit into chuck – allow 1/2" of the bit to stick out of the chuck.

350X

Snug chuck and rotate bit until flutes hit chuck jaws.

With power off: set depth by pushing chuck into sharpening port - allow bit to slide back in chuck.



750X

Set Material Take-Off to sharpen more/less aggressively.

500X

Set desired point angle.

XP

Open clamp arms.

Insert chuck into alignment port.

Release clamp arms.

Ensure bit clamp arms hold bit at narrowest width.

Tighten chuck completely.

SHARPEN

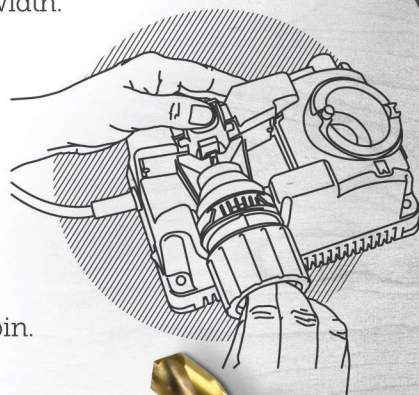
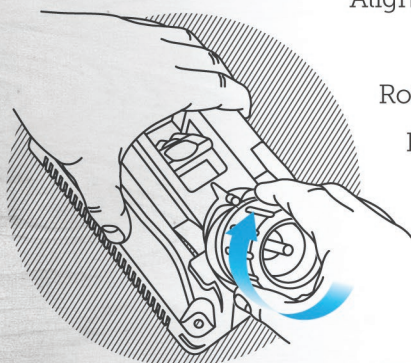
Turn power on.

Align white line on chuck with raised cam pin.

Insert chuck into sharpening port.

Rotate clockwise (white line to white line).

Repeat until the grinding noise stops.



SPLIT (OPTIONAL)

350X

Cannot split points with the 350X.

XP, 500X, 750X

Keep bit secured in chuck.

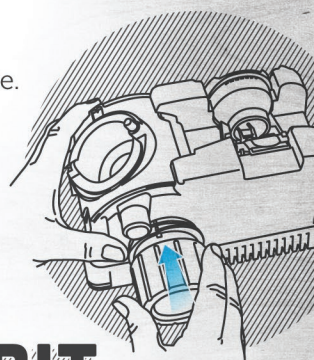
Remove grit tube.

Align white line on chuck with white line on split port.

Plunge chuck into split port.

Remove and repeat on other side.

Your bit is ready.
Get back to work!



SHARPEN A MASONRY BIT

350X, XP

500X, 750X

Set angle to 118°.

Align carbide insert with Masonry sharpening marks.

With power off - set the depth by pushing chuck into sharpening port - allow bit to slide back in chuck.

Tighten chuck.

Align white line on chuck with cam pin.

With power on - plunge chuck into sharpening port (do not turn).

Repeat on other side.

Repeat until sharp.

