

Choosing the Right Blade Depth

All 14" blades from BD Loops have a depth mark on the side. The white circle marks both 1 1/4" and 1 1/2" depths. The depth guide allows installers to quickly adjust the saw-cut machine for the optimum cutting depth.

There are many benefits to cutting at the proper depth including:

- Faster cutting
- Less wear on the blade
- Use less loop sealant—the sealant savings for a 1 1/4" groove depth vs. a 2 1/2" groove depth is over 50%.

3/16" Diamond Blades Depth Guide

1 1/4" Depth
1 1/2" Depth

Every 14" blade is marked with a depth guide to help installers quickly set the proper depth for their cut.

Painted line indicates cut depth of 1 1/2" segment side (outside) and 1 1/2" arbor side (inside)

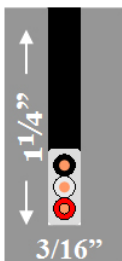
Blade Width and Groove Depth How much of a difference can they make?

32' Loop with 15' of Lead-in



1/4" Groove Width
2 1/2" Deep Groove
Loop wrapped by hand
Takes: 5.3 liters of sealant to fill

(6) 30oz Tubes of sealant to fill



3/16" Groove Width
1 1/4" Deep Groove
With a BD Loop
Takes: 1.4 liters of sealant to fill

(2) 30oz Tubes of sealant to fill groove



Cutting at the proper depth and width can yield significant savings in loop sealant.

In this example cutting 1 1/4" depth vs. 2 1/2" results in a 66% Savings in Loop Sealant!

Saving 66% in loop sealant can easily add up to **thousands of dollars** over the years.

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We're on the Installer's Side

Cutting in loops?

— The right —

BLADE

can *save* you over

\$1,800



Choosing the Right Blade Type



Asphalt Blades have a hard bond and are designed to be used in abrasive materials like asphalt.

Combo blades have a medium bond and can be used in both asphalt and concrete. Combo blades will not cut as quickly as specialized blades, but if cutting into both types of surfaces often, it is a worthwhile investment.

Concrete blades have a soft bond and are designed to cut into hard materials such as concrete, brick and stone.

The 7" Concrete blade is ideal for getting into area a walk behind saw cant fit such as between pavers.

All 14" Diamond Blade have 3/4" to 1" arbor and can be used in machines up to 25 horsepower.

Choosing the Right Blade Size Could Save You Over \$1,800!



3/16" Blade

Cost: \$280.00
Cuts 25% Faster
25% Less Sealant to Seal
Better gas mileage
Over 100 loops reported average cutting life

V.S.



1/4" Blade

Cost: \$125.00
Cuts 25% Slower
25% More Sealant to Seal
Uses more gas
Shorter average cutting life

Labor/Time Savings

A crew of 2 men, a truck, and a saw-cut machine in the field at \$100.00 per hour are installing a 4 x 8' loop with 20' of lead-in that takes 25 minutes to cut with a 1/4" blade. The time/labor cost is \$25.00.



The installers can save 25% in time by using a 3/16" blade, the savings would equal \$6.25 per loop. Over the life of the blade (approx 100 loops) the savings would add up to **\$1042.00 in saved time/labor.**

Sealant Savings

3/16" blades use 25% less sealant than 1/4" blades.

If it takes an average of 2 tubes per loop to seal a loop when using a 1/4" diamond blade and the blade will cut 100 loops then 200 tubes of sealant will be used over the life of the blade. If each tube of sealant costs \$15.00 then the cost of 200 tubes of sealant would be \$3,000.00.

If you use a 3/16" blade which requires 25% less sealant to seal the loops, that would be a **savings of \$750.00 in sealant** over the life of the blade.

Gas Savings

Because the 3/16" blade gets better gas mileage, you will be looking at a **savings of about \$40.00 in gas** over the life of the blade.

If you add up all the savings:

\$1042.00 in saved labor
\$750.00 in saved sealant
+ \$40.00 in saved gas
\$1,832 Saved

A 3/16" pro blade has a cost of ownership that is \$1,832.00 less than a 1/4" blade.

You cannot afford to not use a 3/16" pro blade over a standard 1/4" blade

