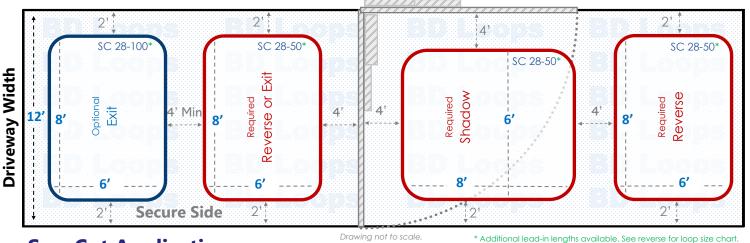
# **Swing Gate**



## **Loop Layout**

For Detecting Commercial and Residential Vehicles



## **Saw Cut Application**

For installation in existing concrete or asphalt roads. Saw-cut loops are cut into the surface and sealed with loop sealant. If you plan to bury loops please go back and select "Direct Burial Application" to view the proper diagrams.

#### **Loop Sizes Needed:**

Reverse/Exit Loop: 28' Perimeter Loop

**BD Loops Part#:** SC 28-50 or SC 28-100

**Description:** 6' x 8' Loop with 50' or 100' of lead-in

This Loop will have approximately 48" of detection height.

**Shadow Loop:** 28' Perimeter Loop

**BD Loops Part#:** SC 28-50

**Description:** 6' x 8' Loop with 50' of lead-in

This Loop will have approximately 48" of detection height.

These are standard size loops. Standard size loops can ship same day from our Placentia, CA location. Contact your BD Loops Distributor for more information.

#### **Notes about Swing Gates:**

Swing gates require a minimum of 3 loops to properly protect the gate path as pictured in red above:

- An Inside Reverse Loop or Exit Loop
- A Shadow Loop
- An Outside Reverse Loop

Reverse Loops will hold the gate open, or reverse a closing gate if a vehicle enters or stops within the gate path. The inside reverse loop can be connected to the exit loop function if you desire. An Exit Loop will do everything a reverse loop does and will also open the gate automatically when a car drives over it. A Shadow Loop will check before the gate closes to see if a vehicle is present. When the gate is in motion the shadow loop will not respond to any detection, which is why reverse/exit functions are required on each side of the gate.

Have a long approach on the secure side? An additional exit loop further down the driveway will make the system more convenient for users. They will not have to wait for the gate to open when exiting.



## **Don't Forget** Loop Sealant!

BD-LS Loop Shield is available in Black or Gray. Self Leveling • 100% Solids Low VOC • Quick Skin Time

Made in the USA

## 3/16" Wide Blade / Groove Sealant Coverage Chart

Cut Depth	Coverage per Tube	Coverage per Case
1 1/4"	20′	240′
1 <sup>1</sup> / <sub>2</sub> "	16′	192'

#### **BD** Loops

#### **Saw-Cut Loop Sizes**

The standard size loops listed in the chart to the right are available for same day shipping if BD Loops receives a PO from a distributor by 3:30 pm PST.

# Need a bigger loop or longer lead-in lengths?

Custom size loops are available and can ship same day if the PO is received by 12:00 pm PST.

#### **Need to Test Loops?**



The **BD-Megger** is an essential testing device that checks for the most common loop issue: a nick in the wire allowing current to leak to ground.



The E-Z Detector Checker quickly checks components upstream from the loop including the detector module, harness wiring, and circuit board loop connections.

## **BD Loops** Preformed Saw-Cut Loop Size Chart

Residential Vehicle					
14 Foot Loop   3x4ft   Parking   N/A     20'   SC 14-20		Residential Vehicle	Commercial Vehicle	Lead-In	<b>BD</b> Loops
16 Foot Loop   3x4ft   Driveway Width   N/A   50′   SC 14-50   SC 16-20   Sx5ft or 4x4ft   Driveway Width   N/A   50′   SC 16-50   SC 16-50   Sx5ft or 4x4ft   Driveway Width   N/A   50′   SC 16-50   SC 18-50	Loop Size	Application	Application	Length	Part Number
Save Series	14 Foot Loop	Drive Thru Lane /	N/A	20'	SC 14-20
16 Foot Loop 3x5ft or 4x4ft Driveway Width  18 Foot Loop 3x6ft or 4x5ft Driveway Width  20 Foot Loop 3x7ft or 4x6ft Driveway Width  21 Foot Loop 3x7ft or 4x6ft Driveway Width Driveway Width  22 Foot Loop 4x8ft loop pattern 4x8ft or 6x6ft 12ft Driveway Width 12ft Dri				50'	SC 14-50
N/A   S0'   SC 16-50   SC 16-50   SC 16-50   SC 16-50   SC 16-50   SC 16-50   SC 18-50   SC 20-20   SC 20-20   SC 20-20   SC 20-20   SC 20-20   SC 20-50	3x4ft	Parking			
N/A   S0'   SC 16-50	16 Foot Loop	9-10 <del>ft</del>		20'	
18 Foot Loop         9-10ft         N/A         20'         SC 18-20           3x6ft or 4x5ft         Driveway Width         N/A         20'         SC 18-50           20 Foot Loop         10-11ft         N/A         20'         SC 20-20           3x7ft or 4x6ft         Driveway Width         N/A         50'         SC 20-20           4x8ft loop pattern         6x6ft loop pattern         20'         SC 24-20           4x8ft or 6x6ft         12ft Driveway Width         50'         SC 24-50           28 Foot Loop         4x10ft loop pattern         6x8ft loop pattern         100'         SC 28-50           4x10ft or 6x8ft         14ft Driveway Width         50'         SC 28-50           32 Foot Loop         4x12ft loop pattern         6x10ft loop pattern         20'         SC 32-20           4x12ft or 6x10ft         50'         SC 32-50         50'         SC 32-50           16ft Driveway Width         100'         SC 32-100         50'         SC 36-20           6x12ft         16ft Driveway Width         50'         SC 40-50         100'         SC 40-50           44 Foot Loop         20'         SC 40-50         100'         SC 44-20         20'         SC 44-20           52 Foot Loop			N/A	50'	SC 16-50
3x6ft or 4x5ft	3x5ft or 4x4ft	Driveway width			
N/A   So'   SC 18-50	18 Foot Loop	0_10ft			
20 Foot Loop   10-11ft   Driveway Width   N/A   50'   SC 20-20			N/A	50′	SC 18-50
N/A	3x6ft or 4x5ft	Driveway width			
3x7ft or 4x6ft   Driveway Width   S0'   SC 20-50	20 Foot Loop		N/A		SC 20-20
24 Foot Loop         4x8ft loop pattern         6x6ft loop pattern         20' SC 24-20           4x8ft or 6x6ft         12ft Driveway Width         50' SC 24-50           28 Foot Loop         4x10ft loop pattern         6x8ft loop pattern           4x10ft or 6x8ft         14ft Driveway Width         12ft Driveway Width           32 Foot Loop         4x12ft loop pattern         6x10ft loop pattern           4x12ft or 6x10ft         16ft Driveway Width         100' SC 32-100           36 Foot Loop         16ft Driveway Width         20' SC 36-20           50' SC 36-20         50' SC 36-50           4x12ft         100' SC 36-100           40 Foot Loop         18ft Driveway Width         50' SC 40-50           6x14ft         100' SC 40-100           44 Foot Loop         20' SC 44-20           6x16ft         20' SC 44-20           50' SC 44-50         50' SC 52-20           50' SC 52-20         50' SC 52-20				50'	SC 20-50
4x8ft or 6x6ft         4x8ft loop pattern         50′ SC 24-50           28 Foot Loop         4x10ft loop pattern         12ft Driveway Width         50′ SC 24-100           28 Foot Loop         4x10ft loop pattern         12ft Driveway Width         50′ SC 28-50           32 Foot Loop         4x12ft loop pattern         12ft Driveway Width         100′ SC 28-100           32 Foot Loop         4x12ft loop pattern         6x10ft loop pattern         20′ SC 32-20           4x12ft or 6x10ft         16ft Driveway Width         50′ SC 32-50           36 Foot Loop         16ft Driveway Width         50′ SC 36-20           6x12ft         16ft Driveway Width         50′ SC 36-50           44 Foot Loop         18ft Driveway Width         50′ SC 40-50           44 Foot Loop         20′ SC 44-20           6x16ft         20′ SC 44-20           52 Foot Loop         24ft Driveway Width         50′ SC 52-20           50′ SC 52-20         50′ SC 52-50	3x7ft or 4x6ft	Driveway width			
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28 Foot Loop	406 666				
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4x10ft or 6x8ft       14ft Driveway Width       12ft Driveway Width       50° SC 28-50         32 Foot Loop       4x12ft loop pattern       6x10ft loop pattern       20° SC 32-20         4x12ft or 6x10ft       16ft Driveway Width       100° SC 32-100         36 Foot Loop       20° SC 36-20         6x12ft       16ft Driveway Width       50° SC 36-50         40 Foot Loop       18ft Driveway Width       50° SC 40-50         6x14ft       20° SC 40-100       20° SC 44-20         44 Foot Loop       20° SC 44-20       50° SC 44-20         50° SC 44-100       20° SC 52-20       50° SC 52-20	28 Foot Loop	4x10ft loop pattern	6x8ft loop pattern		
32 Foot Loop 4x12ft loop pattern 16ft Driveway Width  36 Foot Loop 6x12ft  40 Foot Loop 6x14ft  44 Foot Loop 6x16ft  52 Foot Loop 20 SC 32-20 50 SC 32	4x10ft or 6x8ft	14ft Driveway Width	12ft Driveway Width		
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5 206	52 Foot Loop		24ft Driveway Width		
	6x20ft			100'	SC 52-100

How to Read BD Loops
Part Numbers:

Type of Loop

SC = Saw-Cut
RL or EL = Direct Burial

24 - 50

SC

Lead-in Length (ft)

Loop Size Perimeter (ft)

In this example 24' (4x8' or 6x6').