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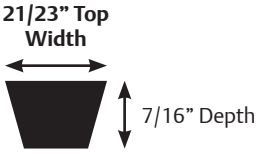
*How Can I **Identify The Correct V-Belt Type** When The Belt Is Broken Or No Longer Labeled?*

Identifying a replacement belt is something you can do quite **easily and quickly**. The informatin below details the process.

● *STEP 1 - Identify The Cross Section*

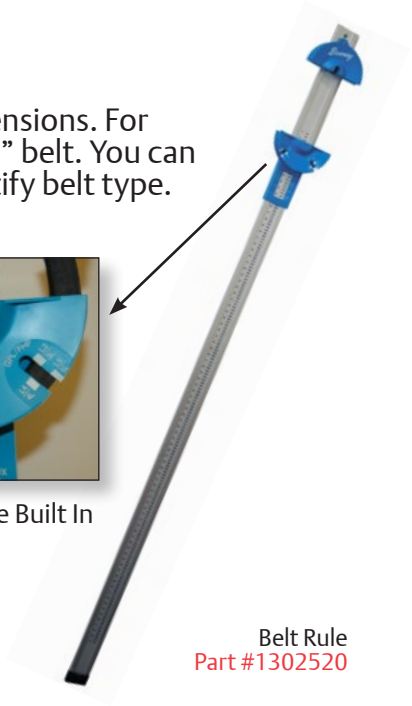
V-belt cross sections can be identified by their top width and depth dimensions. For example, a v-belt with a top width of 21/32" and a depth of 7/16" is a "B" belt. You can also use our Browning Belt Rule that includes a gauge to help easily identify belt type.



Identification Chart		
Belt Type	Top Width	Depth
3L	3/8"	7/32"
4L	1/2"	5/16"
5L	21/32"	3/8"
A	1/2"	5/16"
B	21/32"	7/16"
C	7/8"	17/32"
3V	3/8"	5/16"
5V	5/8"	17/32"
8V	1"	29/32"

(May Vary Slightly By Manufacturer)

V- Belt ID Gauge Built In



Belt Rule
Part #1302520

● *STEP 2 - Determine If The V-belt Is Wrapped Or Notched Style*

If the belt you have is "notched" add an "X" to the type. Example. If you identified a B belt type from Step 1, then you simply add an "X" to the description. You now have a "BX".

Notched Style BX V-belt

Wrapped Style B V-belt

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STEP 3 - Determine V-belt Length

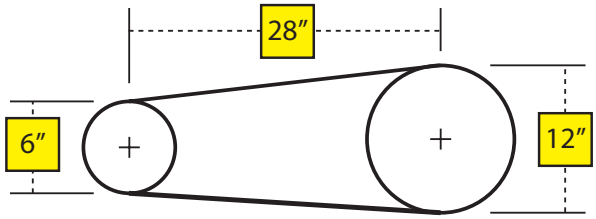
Using the Browning Belt Rule is the easiest way to identify belt length.

However, if you are without a rule or the length exceeds the Belt Rule capacity, simply follow the formula below.

Belt Rule Part
Part #1302520

Calculation

L=2C+1.57(D + d)



L = Pitch Length of Belt
C = Center Distance
D = Diameter of Large Sheave
d = Diameter of Small Sheave

Center Distance (C) = 28”
Diameter of Large Sheave (D) = 12”
Diameter of Small Sheave (d) = 6”

L=2(28)+1.57(12+6
L= 56+1.57(18)
L= 56+28.26
L= 84.26

Solution = 84” belt

Using the information from Step 1 and 2 we determined that we had a “B” section in the notched style “X” or combined a “BX” belt. Simply add the length from Step 3 and you have the required size. Your belt has been identified as a BX84.

Special Note: Always Follow All Safety and Lock Out Tag Out Procedures

FINAL NOTE

The above manual length calculation is based on typical applications without idlers.

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