

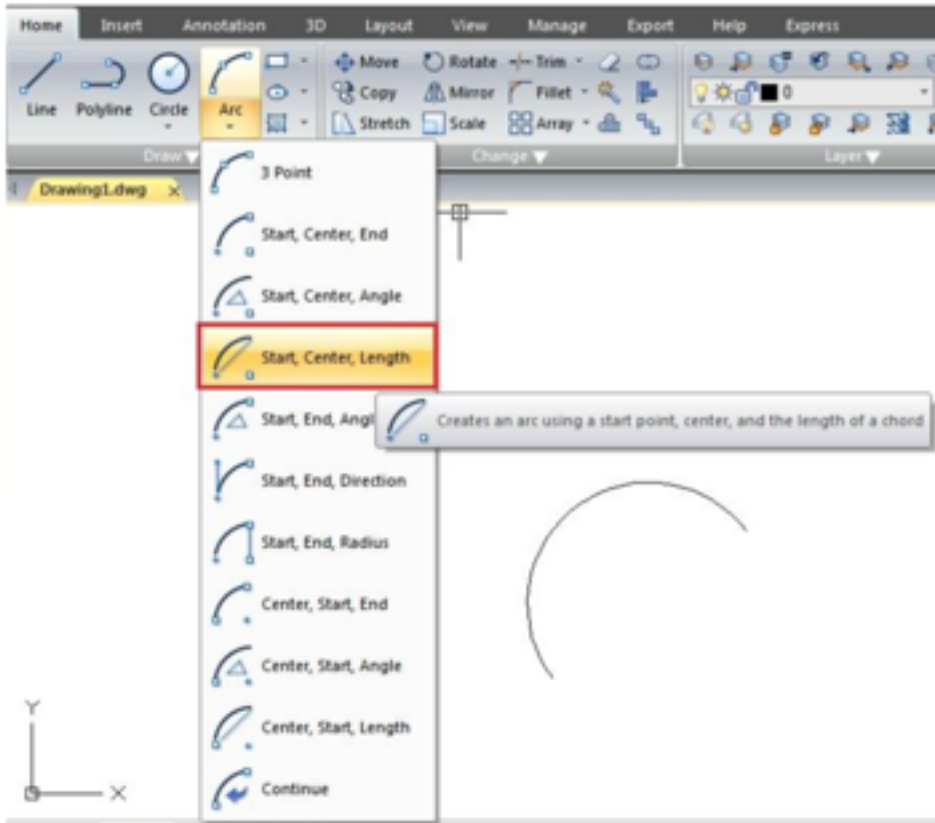
## How to draw an arc with a specific arc length?

1087 kbadmin April 14, 2022 [Tips & Tricks](#) 0 23288

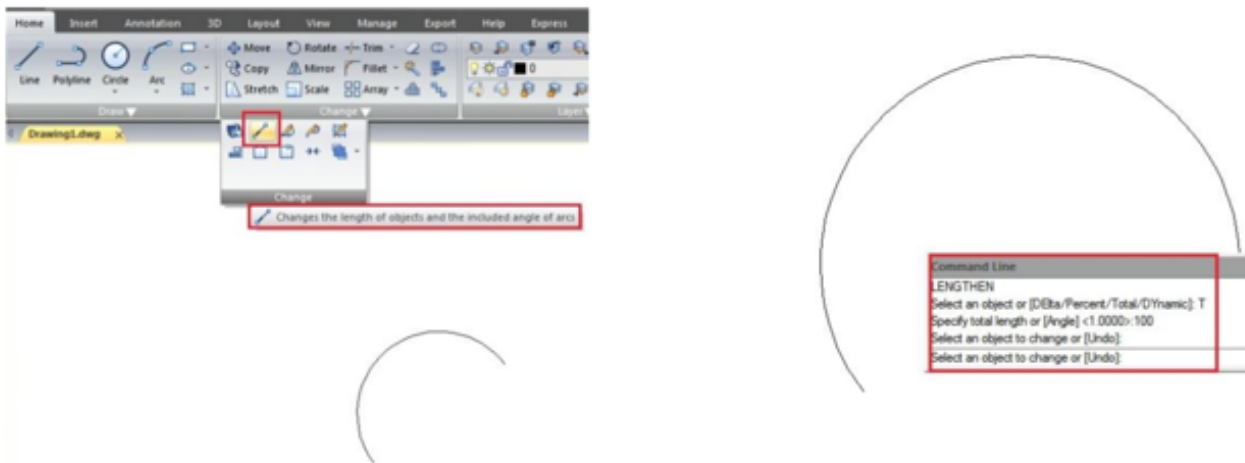
There are some methods that seem to allow you define an arc length. For example; start, center, length. But this is defining the chord length, not the arch length.

Calculating the angle using simple mathematics calculation, comparing the arch radius and arch length. After you get the angle value, then you can draw it. But it is not easy!

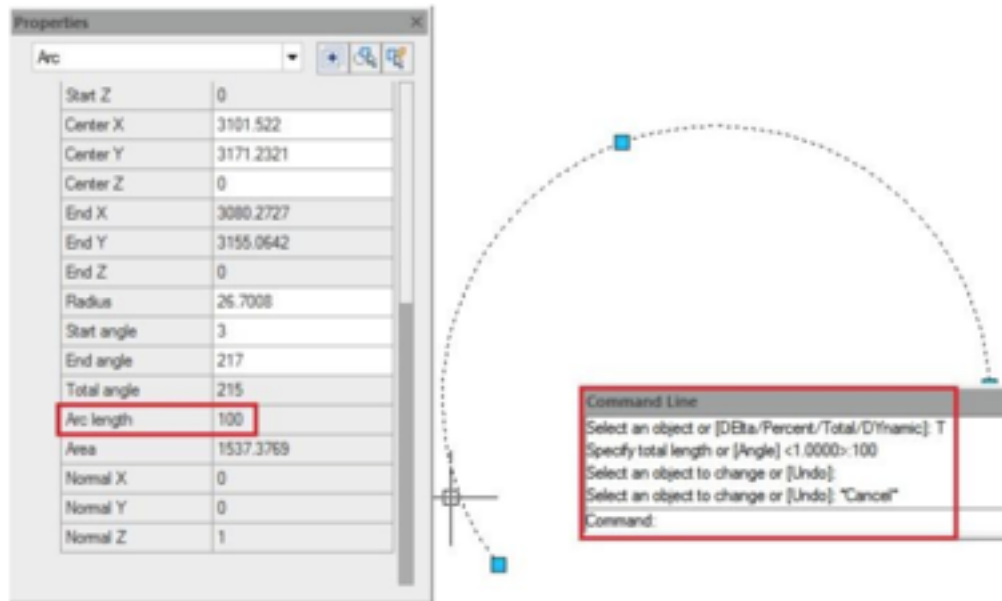
A better solution is drawing the arch, then modify it using LENGTHEN command. Lengthen command allows you to define the object total length, including an arch. Select the total length option, then type the distance you want.



A better solution is drawing the arch, then modify it using LENGTHEN command. Lengthen command allows you to define the object total length, including an arch. Select the total length option, then type the distance you want.



Now if you try to inquiry or see the arc properties, you will see the arch has the exact length I wanted.



Related tutorial video:

- [Status bar related setting](#) 00:23
- [Line command](#) 00:33
- [Polar](#) 00:39
- [Edit objects + grips](#) 00:56
- [Grips System variable](#) 00:56
- [Use grips to edit objects](#) 00:56
- [Properties command](#) 01:16
- [Display and change the properties of objects](#) 01:16
- [Linetype command](#) 01:26
- [-Linetype command](#) 01:26
- [Control Line Scale](#) 01:26
- [Color command](#) 01:33
- [Change the color of an object](#) 01:33
- [Set the current color](#) 01:33
- [Polyline command](#) 02:00
- [Fillet command](#) 02:40
- [Draw Rectangles and Polygons](#) 03:01
- [Revcloud command](#) 03:10
- [Donut command](#) 03:14
- [Draw Donuts](#) 03:14
- [Edit objects + grips](#) 03:23

- [Grips System variable](#) 03:23
- [Use grips to edit objects](#) 03:23
- [ARC command](#) 03:54
- [How to draw an arc with specific arc length](#) 03:54
- [Circle command](#) 04:42
- [Concentric circle command](#) 04:54
- [Properties command](#) 05:54
- [Mirror command](#) 05:16

Above video sources from [TUTORIAL - GETTING STARTED WITH GSTARCAD](#), enrol now for free.

Online URL: <https://www.kb2.gstarcad.com.my/article.php?id=1087>