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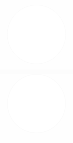
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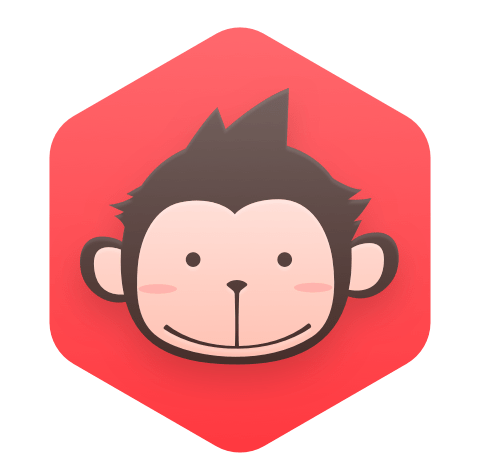
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| **contents**  V. Dimensions   * 1. Linear and Rotational Linear La…   2. Alignment   3. Angle annotation   4. Arc length labeling   5. Marking of diameter and radius Six, label style | * + 1. Linear labeling accuracy     2. Decimal separator   6.7. Set permanent label style Seven, multiple leads   * 1. Create Multileader   2. Set arrow size   3. Set the baseline length   4. Set baseline gap   5. Specify text style   6. Specify text content Eight, the end   **Blog Links** | | | | | |
| * 1. Create a new dimension style [Hulunbuir](https://dalnur.blog.csdn.net/)   2. SYeatrda asgpeec3ifyiceadris[mensNiooncsetrytilfeicaa…tion](https://i.csdn.net/%23/uc/profile?utm_source=14998968)   3. [S10e,t0d0i0m+](https://blog.csdn.net/rank/list/weekly)en[s8io4n93line](https://blog.csdn.net/rank/list/total)26a0n,d00d0im+ensi[…](https://blog.csdn.net/blogdevteam/article/details/103478461) [Original](https://dalnur.blog.csdn.net/) [Weekly](https://blog.csdn.net/rank/list/weekly) [Overall](https://blog.csdn.net/rank/list/total) access grade      1. [Out](https://blog.csdn.net/rank/list/weekly) [of mark](https://blog.csdn.net/rank/list/total)   [ranking](https://blog.csdn.net/rank/list/weekly) [ranking](https://blog.csdn.net/rank/list/total)   * + 1. Baseline spacing   3012 992 507 867 2000  integral 6.3.3. Out of dimension line  fan Praised Comment collect  6.3.4. Starting point offset |
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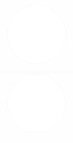
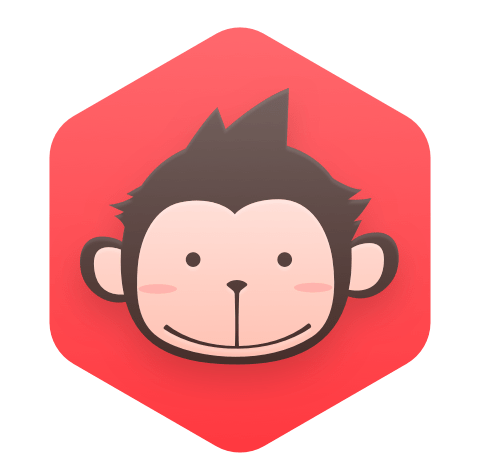
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acAlignmentAligned 3 acAlignmentTopCenter 7 acAlignmentMiddleRight 11

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**2.2. Alignment**

**contents**

V. Dimensions

* 1. Linear and Rotational Linear La…
  2. Alignment
  3. Angle annotation
  4. Arc length labeling
  5. Marking of diameter and radius

1. AlignNum = 7
2. textObj.Alignment = AlignNum
3. *# AlignNum*为对齐夹点位置标识号，其取值范围为*[0,14]*；
4. *# 0* 基线左对齐、*1* 基线居中对齐、*2* 基线右对齐；
5. *# 7* 表示对齐夹点位于 *top cennter*；
6. insertPnt = APoint(0, 10)
7. textObj.TextAlignmentPoint = insertPnt
8. *#* 设置对齐夹点在图纸空间中的绝对位置，可为任意一已知点；
9. *#* 若用户自定义对齐方式，则需设置此项。

Six, label style

* 1. Create a new dimension style [Hulunbuir](https://dalnur.blog.csdn.net/)
  2. SYeatrda asgpeec3ifyiceadris[mensNiooncsetrytilfeicaa…tion](https://i.csdn.net/%23/uc/profile?utm_source=14998968)

**Item**

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acAlignmentLeft 0 acAlignmentMiddle 4 acAlignmentTopRight 8 acAlignmentBottomLeft 12

[426.3.](https://dalnur.blog.csdn.net/) [S10e,t0d0i0m+](https://blog.csdn.net/rank/list/weekly)en[s8io4n93line](https://blog.csdn.net/rank/list/total)26a0n,d00d0im+ensi[…](https://blog.csdn.net/blogdevteam/article/details/103478461)

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acAlignmentCenter

1

acAlignmentFit

5

acAlignmentMiddleLeft

9

acAlignmentRight

2

acAlignmentTopLeft

6

acAlignmentMiddleCenter

10

acAlignmentBottomCenter

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acAlignmentBottomRight

13

* + 1. [Out](https://blog.csdn.net/rank/list/weekly) [of mark](https://blog.csdn.net/rank/list/total) [ranking](https://blog.csdn.net/rank/list/weekly) [ranking](https://blog.csdn.net/rank/list/total)
    2. Baseline spacing

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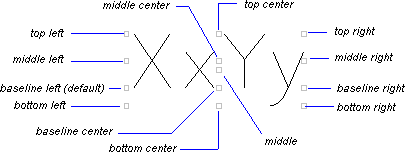
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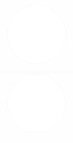
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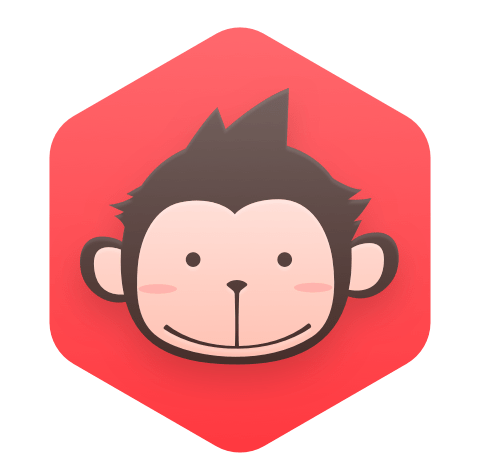
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|  | Search blogger article | Your browser is currently zoomed, and the page may be misaligned. It is recommended to display at 100% size.  Align grip   * 1. **Text zoom**      1. BasePoint = insertPnt      2. ScaleFactor = 5      3. textObj.ScaleFactor = 5      4. *#* 水平方向文本缩放，即只缩放字宽（*x*方向），不缩放字高（*y*方向）；      5. *# ScaleFactor*为比例系数，非负，*>1*为放大，*<1*为缩小。宽度因子      6. textObj.ScaleEntity(BasePoint, ScaleFactor)      7. *#* 两个方向同步缩放；      8. *#* 基点与*insertPnt*重合，文字放大后对齐夹点位置保持不变。   **Three, multi-line text Fourth, the text style**   * 1. **Create text style**   1 txtStyleObj = acad.ActiveDocument.TextStyles.Add("HIT\_TxtStyle")   * 1. **Set specific text style as current**   1 acad.ActiveDocument.ActiveTextStyle = acad.ActiveDocument.TextStyles.Item("Standard")   * 1. **Setting the font**      1. **Set the font for the current text style**         1. acad.ActiveDocument.ActiveTextStyle.SetFont("楷体", False, False, 1, 0 or 0)         2. *# acad.ActiveDocument.ActiveTextStyle.SetFont(Typeface, Bold, Italic, charSet, PitchandFamily)*         3. *# Typeface* 字体名称；         4. *# Bold* 加粗，布尔值，*False*为不加粗字体；         5. *# Italic* 倾斜，布尔值，*False*为倾斜字体；         6. *# CharSet* 字体字符集，*1*为默认字符集；         7. *# PitchAndFamily* 字节及笔画形式。      2. **Set the font for a specific text style**   1 acad.ActiveDocument.TextStyles.Item("HIT\_TxtStyle").SetFont("宋体", False, False, 1, 0 or 0)   * 1. **Set font tilt angle**      1. txtStyleObj.ObliqueAngle = math.radians(30)      2. *#* 倾斜角度变化范围为*[-85*，*85]*，取正值时右偏。 |
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| **contents**  V. Dimensions   * 1. Linear and Rotational Linear La…   2. Alignment   3. Angle annotation   4. Arc length labeling   5. Marking of diameter and radius Six, label style | **V. Dimensions**   * 1. **Linear and Rotational Linear Labeling**      1. import math      2. XLine1Point = APoint(5, 25)      3. XLine2Point = APoint(25, 35)      4. DimLineLocation = APoint(10, 20)      5. RotationAngle = math.radians(0)      6. dimRotObj = acad.model.AddDimRotated(XLine1Point, XLine2Point, DimLineLocation, RotationAngle)      7. *# XLine1Point* 第一尺寸界线的起点；      8. *# XLine2Point* 第二尺寸界线的起点；      9. *# DimLineLocation* 尺寸线定位点，尺寸线或其延长线过该点；      10. *# RotationAngle* 尺寸线与水平方向的夹角，去弧度制；      11. *# RotationAngle=0* 水平标注，*RotationAngle=90* 竖直标注。 | | | | | |
| * 1. Create a new dimension style [Hulunbuir](https://dalnur.blog.csdn.net/)   2. SYeatrda asgpeec3ifyiceadris[mensNiooncsetrytilfeicaa…tion](https://i.csdn.net/%23/uc/profile?utm_source=14998968)   3. [S10e,t0d0i0m+](https://blog.csdn.net/rank/list/weekly)en[s8io4n93line](https://blog.csdn.net/rank/list/total)26a0n,d00d0im+ensi[…](https://blog.csdn.net/blogdevteam/article/details/103478461) [Original](https://dalnur.blog.csdn.net/) [Weekly](https://blog.csdn.net/rank/list/weekly) [Overall](https://blog.csdn.net/rank/list/total) access grade      1. [Out](https://blog.csdn.net/rank/list/weekly) [of mark](https://blog.csdn.net/rank/list/total)   [ranking](https://blog.csdn.net/rank/list/weekly) [ranking](https://blog.csdn.net/rank/list/total)   * + 1. Baseline spacing   3012 992 507 867 2000  integral 6.3.3. Out of dimension line  fan Praised Comment collect  6.3.4. Starting point offset |
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[Private](https://im.csdn.net/chat/Hulunbuir) [letters](https://edu.csdn.net/) [focus on](https://download.csdn.net/) [1](https://ac.csdn.net/?short_code=13271b93) ExtLine1Point = APoint(5, 25)

[2](https://ac.csdn.net/?short_code=13271b93) ExtLine2Point = APoint(25, 35)

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[Python AutoCAD selection set 12894](https://dalnur.blog.csdn.net/article/details/95446723)

1. TextPosition = APoint(-5, 25)
2. dimAliObj = acad.model.AddDimAligned(ExtLine1Point, ExtLine2Point, TextPosition)

Your browser is currently zoomed, and the page may be misaligned. It is recommended to display at 100% size.

1. *# ExtLine1Point* 第一尺寸界线的起点；
2. *# ExtLine2Point* 第二尺寸界线的起点；
3. *# TextPosition* 尺寸线定位点，尺寸线或其延长线过该点。
4. *# dimObj.Update*

# 角度标注

|  |  |  |  |
| --- | --- | --- | --- |
| [nCodeDL fatigue analysis concise tutorial](https://dalnur.blog.csdn.net/article/details/105504733) 1 | | | AngleVertex = APoint(0, 0) |
| [12570](https://dalnur.blog.csdn.net/article/details/105504733) 2 | | | FirstEndPoint = APoint(6, 8) |
| [HyperMesh User Guide](https://dalnur.blog.csdn.net/article/details/103857457) | [12353](https://dalnur.blog.csdn.net/article/details/103857457) | 3 | SecondEndPoint = APoint(6, -8) |
|  |  | 4 | TextPoint = APoint(10, 10) |

### Classification column

1. dimAngObj = acad.model.AddDimAngular(AngleVertex, FirstEndPoint, SecondEndPoint, TextPoint)
2. *# AngleVertex* 角度顶点；
3. *# FirstEndPoint* 第一尺寸界线端点；
4. *# SecondEndPoint* 第二尺寸界线端点；
5. *# TextPoint* 尺寸圆弧线定位点，即尺寸圆弧线过该点。

[Hydrodynamics 1](https://blog.csdn.net/hulunbuir/category_11311900.html)

[article](https://blog.csdn.net/hulunbuir/category_11311900.html)

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[MDB 1](https://blog.csdn.net/hulunbuir/category_10999641.html)

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# 弧长标注

[nCodeDL 4](https://blog.csdn.net/hulunbuir/category_9929655.html)

1. ArcCenter = APoint(0, 0)
2. FirstEndPoint = APoint(6, 8)
3. SecondEndPoint = APoint(6, -8)
4. ArcPoint = APoint(20, 0)
5. dimArcObj = acad.model.AddDimArc(ArcCenter, FirstEndPoint, SecondEndPoint, ArcPoint)
6. *# ArcCenter* 圆弧中心；
7. *# FirstEndPoint* 第一尺寸界线端点；
8. *# SecondEndPoint* 第二尺寸界线端点；
9. *# ArcPoint* 尺寸圆弧线定位点，即尺寸圆弧线过该点。

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it

[Python AutoCAD drawing](https://dalnur.blog.csdn.net/article/details/96589272#comments_18239680) [weixin\_46670052:](https://blog.csdn.net/weixin_46670052) Thank you for your ans wer. Yesterday I saw an article which is ...

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[Python AutoCAD drawing](https://dalnur.blog.csdn.net/article/details/96589272#comments_18230981)

[Hulunbuir:](https://dalnur.blog.csdn.net/) Then your CAD version is not 2

014. The .19 means the 2014 version of ...

C

[Python AutoCAD drawing](https://dalnur.blog.csdn.net/article/details/96589272#comments_18229477) [weixin\_46670052:](https://blog.csdn.net/weixin_46670052) Hello, blogger. I am very presumptuous. I would like to ask you w ...

hy

[ANSYS finite element analysis contact a…](https://dalnur.blog.csdn.net/article/details/106314787#comments_18101596) [Hulunbuir:](https://dalnur.blog.csdn.net/) Absolutely, just ask, it will definit ely be resolved.

...

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* 1. **直径及半径标注**

1. ChordPoint = APoint(0, 10)
2. FarChordPoint = APoint(0, -10)
3. LeaderLength = 40
4. dimDiaObj = acad.model.AddDimDiametric(ChordPoint, FarChordPoint, LeaderLength)
5. *# ChordPoint* 圆任意一直径的端点；
6. *# FarChordPoint* 直径的另一端点；
7. *# LeaderLength* 引线长度，为点*ChordPoint*到标准文字定位夹点的距离；
8. *#* 标注类型可在相应的系统变量如*DIMUPT*等中更改。
9. Center = APoint(0, 0)
10. ChordPoint = APoint(10, 0)
11. LeaderLength = 10
12. dimRadObj = acad.model.AddDimRadial(Center, ChordPoint, LeaderLength)
13. *# Center* 被标注圆或圆弧的圆心

Strongly not

Not recomme

so so recomme

nd

highly recomme

**六、标注样式**

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标注类术语

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# 6.1. 创建新标注样式

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|  |  |
| --- | --- |
| 1 | DimStyleObj = acad.ActiveDocument.DimStyles.Add("HIT\_DimStyle") |
| 2  3  4 | print(dimAliObj.StyleName) *#* 打印标注对象的标准样式名称*#* 系统自带标注样式 *ISO-25* |

report

* + 1. [Out](https://blog.csdn.net/rank/list/weekly) [of mark](https://blog.csdn.net/rank/list/total) [ranking](https://blog.csdn.net/rank/list/weekly) [ranking](https://blog.csdn.net/rank/list/total)
    2. Baseline spacing

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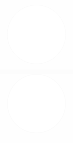
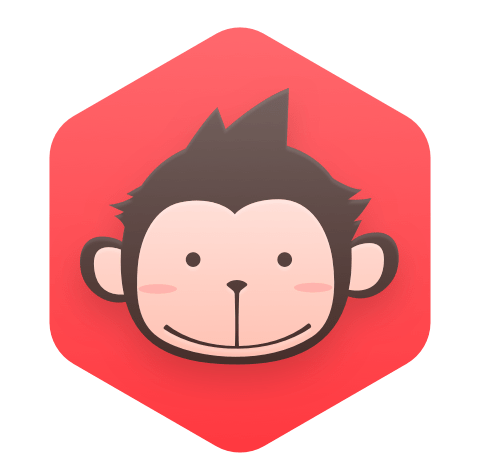
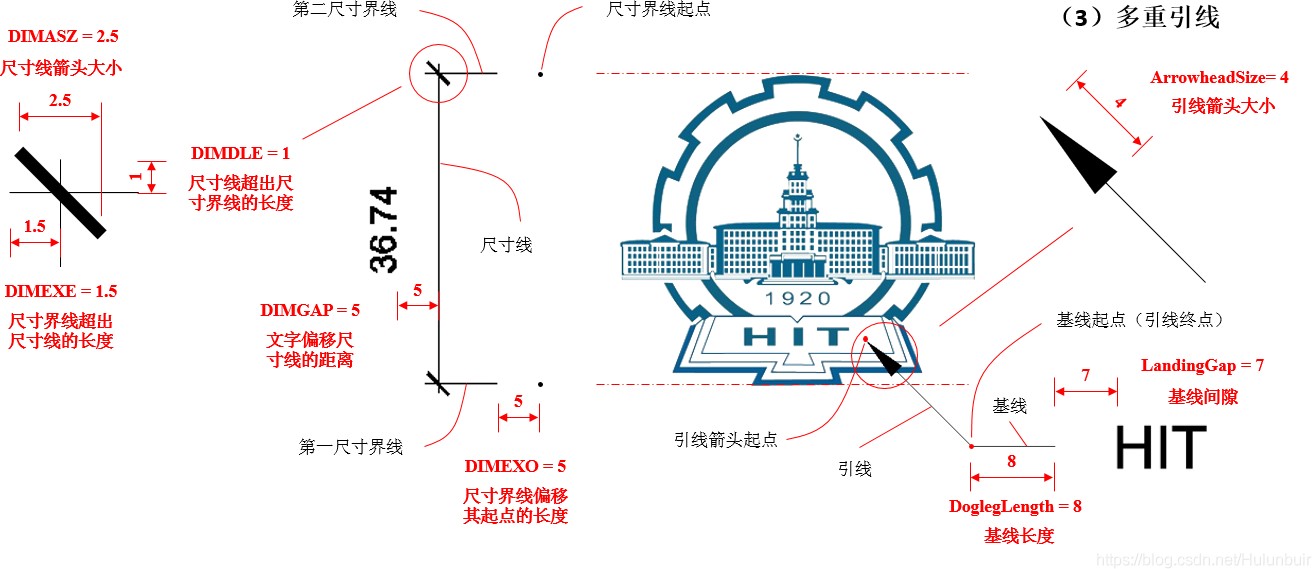
integral 6.3.3. Out of dimension line

**6.2. 将特定标注样式设为当前**

fan

Praised Comment collect

6.3.4. Starting point offset



## [Hulunbuir](https://dalnur.blog.csdn.net/)

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Column list



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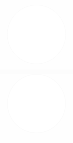
...

6 *#* 水平控制标注文字在尺寸线上相对于尺寸界线的水平位置；

7 *# 0* 表示将文字置于尺寸线之上，并在尺寸界线之间置中对正。

8

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report



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[Certification](https://ac.csdn.net/?short_code=13271b93)

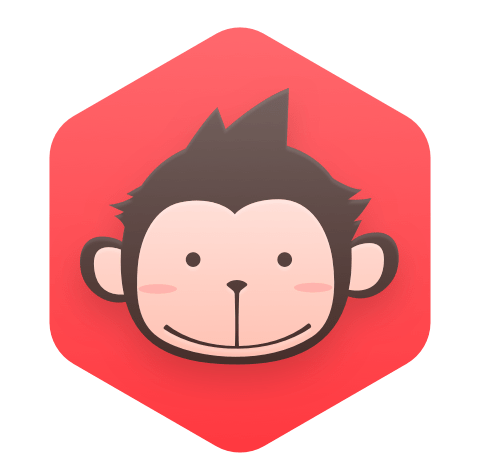
Python

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|  |  |  |
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|  | Search blogger article | * 1. **设置尺寸线及尺寸界限**   Your browser is currently zoomed, and the page  may be misaligned. It is recommended to display at 100% size.  **说明**： 以下即 (3) ~ (6) 的设置将生效为<样式替代>，程序自动画图时<样式替代>不起作用，新添加的标注仍采用系统默认。手动画图时<样式替  代>起作用，新添加的标注<样式替代>。    设置永久标注样式见 (7)，后续添加详细代码。    标注样式替代是对当前标注样式中的指定设置所做的更改，它与在不更改当前标注样式的情况下更改尺寸标注系统变量等效。使用标注样式替 代，无需更改当前标注样式便可临时更改标注系统变量。   * + 1. **超出标记**        1. acad.ActiveDocument.SetVariable("DIMDLE", 0)        2. *#* 当箭头使用倾斜、建筑标记、积分和无标记时尺寸线超过尺寸界线的距离。     2. **基线间距**  1. acad.ActiveDocument.SetVariable("DIMDLI", 3.75) 2. *#* 设定尺寸线之间的距离； 3. *#* 如有必要，每条尺寸线都将按此值偏离其前一尺寸线，以避免覆盖它。    * 1. **超出尺寸线**   1 acad.ActiveDocument.SetVariable("DIMEXE", 1.25) *#* 指定尺寸界线超出尺寸线的距离。   * + 1. **起点偏移量**   1 acad.ActiveDocument.SetVariable("DIMEXO", 0.625) *#* 设定自图形中定义标注的点到尺寸界线的偏移距离。   * 1. **设置箭头**      1. **设定尺寸线箭头类型**   1 acad.ActiveDocument.SetVariable("DIMBLK", "\_ARCHTICK") *# "\_ARCHTICK"*表示建筑标记   * + 1. **设定引线箭头**   1 acad.ActiveDocument.SetVariable("DIMLDRBLK", "") *# ""*表示实心闭合   * + 1. **尺寸线箭头大小**   1 acad.ActiveDocument.SetVariable("DIMASZ", 2.5)   * 1. **设置标注文字**      1. **标注文字样式** |
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| --- | --- | --- | --- |
| **contents** | 1 acad.ActiveDocument.SetVariable("DIMTXSTY", "HIT\_TxtStyle")   * + 1. **标注文字高度**        1. acad.ActiveDocument.SetVariable("DIMTXT", 2.5)        2. *#* 设定当前标注文字样式的高度；        3. *#* 如果在此选项卡上指定的字样式具有固定的文字高度，则该高度将替代在此处设置的文字高度；        4. *#* 如果要在此处设置标注文字的高度，请确保将文字样式的高度设置为 *0*。     2. **标注文字位置** | | |
| V. Dimensions |
| 5.1. Linear and Rotational Linear La… |
| 5.2. Alignment |
| 5.3. Angle annotation |
| 5.4. Arc length labeling |
| 5.5. Marking of diameter and radius |
| Six, label style |
| * 1. Create a new dimension style [Hulunbuir](https://dalnur.blog.csdn.net/)   2. SYeatrda asgpeec3ifyiceadris[mensNiooncsetrytilfeicaa…tion](https://i.csdn.net/%23/uc/profile?utm_source=14998968)   3. [S10e,t0d0i0m+](https://blog.csdn.net/rank/list/weekly)en[s8io4n93line](https://blog.csdn.net/rank/list/total)26a0n,d00d0im+ensi[…](https://blog.csdn.net/blogdevteam/article/details/103478461) [Original](https://dalnur.blog.csdn.net/) [Weekly](https://blog.csdn.net/rank/list/weekly) [Overall](https://blog.csdn.net/rank/list/total) access grade      1. [Out](https://blog.csdn.net/rank/list/weekly) [of mark](https://blog.csdn.net/rank/list/total)   [ranking](https://blog.csdn.net/rank/list/weekly) [ranking](https://blog.csdn.net/rank/list/total)   * + 1. Baseline spacing   3012 992 507 867 2000  integral 6.3.3. Out of dimension line  fan Praised Comment collect  6.3.4. Starting point offset |
| 1 | | acad.ActiveDocument.SetVariable("DIMTAD", 1)  *#* 控制标注文字相对尺寸线的垂直位置；  *# 0* 表示标注文字在尺寸界线之间居中放置；  *# 1* 表示将标注文字放置在尺寸线上方，从尺寸线到文字最低基线的距离为当前 *DIMGAP* 的值。  acad.ActiveDocument.SetVariable("DIMJUST", 0) |
| 2 | |
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| [**Hulunbuir**](https://dalnur.blog.csdn.net/)focus on |  | 14 68 37 Column list |



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28 *# newStyle3*

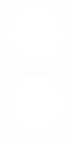
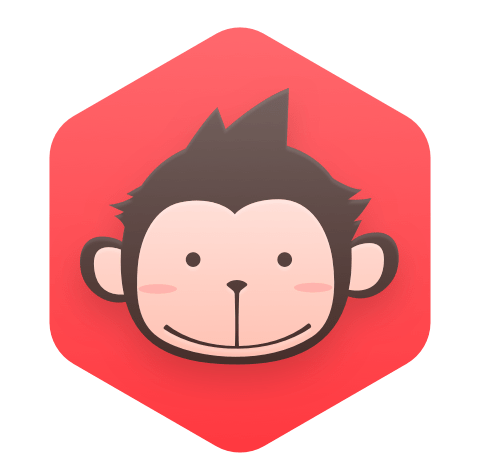
29 ExtLine1Point = APoint(5, 25)

30 ExtLine2Point = APoint(25, 35)

31 TextPosition = APoint(-5, 25)

[9 acad](https://ac.csdn.net/?short_code=13271b93).ActiveDocument.SetVariable("DIMGAP", 0.625)

[Private](https://im.csdn.net/chat/Hulunbuir) [letters](https://edu.csdn.net/) [focus on](https://download.csdn.net/) *#* 设定文字相对尺寸线的位置。



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  2. SYeatrda asgpeec3ifyiceadris[mensNiooncsetrytilfeicaa…tion](https://i.csdn.net/%23/uc/profile?utm_source=14998968)

[426.3.](https://dalnur.blog.csdn.net/) [S10e,t0d0i0m+](https://blog.csdn.net/rank/list/weekly)en[s8io4n93line](https://blog.csdn.net/rank/list/total)26a0n,d00d0im+ensi[…](https://blog.csdn.net/blogdevteam/article/details/103478461)

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    2. Baseline spacing

grade

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27

dimstyleobj\_3 = DimStyleObj = acad.ActiveDocument.DimStyles.Add("newStyle3")

*### ②*、为三个标注样式分别设置具体样式

dimstyleobj\_1.CopyFrom(acad.ActiveDocument.ModelSpace(0)) *#* （ 方 法 一 ） *#* 与图形空间中已存在的标注图元样式一致；

*# 0*为模型空间中的第一个图元，此为示例； *#* 具体操作时*0*应替换为已知标注图元在图纸空间中的索引号。

dimstyleobj\_2.CopyFrom(acad.ActiveDocument.DimStyles.Item("newStyle1"))

*#* （方法二）

*#* 与标注样式*newStyle1*一致

acad.ActiveDocument.SetVariable("DIMCLRD", 3)

acad.ActiveDocument.SetVariable("DIMBLK", "\_ARCHTICK") acad.ActiveDocument.SetVariable("DIMASZ", 2)

dimstyleobj\_3.CopyFrom(acad.ActiveDocument)

*#* （方法三）

*#* 与当前文件的设置保持一致

*#* 设置尺寸线的颜色为绿色

*# "\_ARCHTICK"*表示建筑标记*#* 尺寸线箭头大小

report

acad.ActiveDocument.ActiveDimStyle = acad.ActiveDocument.DimStyles.Item("newStyle3")

3012 992

507

867

2000

integral 6.3.3. Out of dimension line

以下画出的标注即采用标注样式

fan Praised Comment collect

6.3.4. Starting point offset

[**Hulunbuir**](https://dalnur.blog.csdn.net/)focus on

14

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Column list

**contents**

V. Dimensions

* 1. Linear and Rotational Linear La…
  2. Alignment
  3. Angle annotation
  4. Arc length labeling
  5. Marking of diameter and radius Six, label style



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|  |  |  |
| --- | --- | --- |
|  | Search blogger article | * + 1. **标注文字对齐** Your browser is currently zoomed, and the page   may be misaligned. It is recommended to display  at 100% size.   * + - 1. acad.ActiveDocument.SetVariable("DIMTIH", 0)       2. *#* 控制所有标注类型（坐标标注除外）的标注文字在尺寸界线内的位置；       3. *# 0* 表示将文字与尺寸线对齐；       4. *# 1* 表示水平绘制文字。       5. acad.ActiveDocument.SetVariable("DIMTOH", 0)       6. *#* 控制标注文字在尺寸界线外的位置。     1. **标注文字替代**     修改实际尺寸数值为用户自定义数值。例如：标注的实际长度为20，用户自定义的数值为171，具体代码如下：   1. XLine1Point = APoint(5, 25) 2. XLine2Point = APoint(25, 35) 3. DimLineLocation = APoint(10, 20) 4. RotationAngle = math.radians(0) 5. dimRotObj = acad.model.AddDimRotated(XLine1Point, XLine2Point, DimLineLocation, RotationAngle)   6  7 dimRotObj.TextOverride = 171 *#* 指定文字替代为*171*，即*171*替代*20*。  8  9 dimRotObj.TextOverride = "" *#* 恢复标注为实际尺寸数值*20*  10  11 dimRotObj.TextOverride = "<> mm" *#* 恢复标注为实际尺寸数值并加个单位  12  13 dimRotObj.Update()     * 1. **设置主单位**      1. **线性标注精度**   1 acad.ActiveDocument.SetVariable("DIMDEC", 2) *#* 设定标注文字中的小数位数；*2* 表示显示小数点后三位；   * + 1. **小数分隔符**        1. acad.ActiveDocument.SetVariable("DIMDSEP", ".") *# "."*表示小数分隔符，也可设置为*","*。        2. acad.ActiveDocument.SetVariable("DIMADEC", -1) *#* 设置角度标注精度与线性标注精度相同   **6.7. 设置永久标注样式**  1 *##* （*7*）、设置永久标注样式  2   1. *### ①*、添加三个标注样式 2. dimstyleobj\_1 = DimStyleObj = acad.ActiveDocument.DimStyles.Add("newStyle1") 3. dimstyleobj\_2 = DimStyleObj = acad.ActiveDocument.DimStyles.Add("newStyle2") |
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|  |  | 34 | | | |  |  | | | | | |
| Search blogger article | 35  36  37 | | | | *#* 设置永久标注样式的思路：  *#* 若采用方法一，则需要提前绘制好相应的标注图元，  *#* 如：尺寸线、尺寸界线、箭头尺寸等，以方便引用，而后删除。 | Your browser is currently zoomed, and the page | | | | | |
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| 38 | | | | *#* 若采用方法三，则需要利用*SetVariable*方法设置好相应的系统变量，而后引用。 | may be misaligned. It is recommended to display | | | | | |
| 39 | | | | *#* 方法二为直接复制已有标注样式。 | at 100% size. | | | | | |
| 40 | | | |  |  | | | | | |
| 41 | | | | *#* 方法四（采用*command*方式） |  | | | | | |
| 42 | | | | *# DimStyle1 = acad.ActiveDocument.DimStyles.Add("DimStyle1") #* 创建标注式样 |  | | | | | |
| 43 | | | | *# acad.ActiveDocument.ActiveDimStyle = DimStyle1* |  | | | | | |
| 44 | | | | *# acad.ActiveDocument.SetVariable("DIMCLRD", 1)* |  | | | | | |
| 45 | | | | *# acad.ActiveDocument.SetVariable("DIMCLRE", 1)* |  | | | | | |
| 46 | | | | *# acad.ActiveDocument.SetVariable("DIMEXE", 3)* |  | | | | | |
| 47 | | | | *# acad.ActiveDocument.SetVariable("DIMEXO", 1.75)* |  | | | | | |
| 48 | | | | *# acad.ActiveDocument.SetVariable("DIMFXLON", 1)* |  | | | | | |
| 49 | | | | *# acad.ActiveDocument.SetVariable("DIMFXL", 3)* |  | | | | | |
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| 50 | | | | *# acad.ActiveDocument.SetVariable("DIMBLK", "\_OBLIQUE")* |  | | | | | |
| 51 | | | | *# acad.ActiveDocument.SetVariable("DIMBLK1", "\_OBLIQUE")* |  | | | | | |
| 52 | | | | *# acad.ActiveDocument.SetVariable("DIMBLK2", "\_OBLIQUE")* |  | | | | | |
| 53 | | | | *# acad.ActiveDocument.SetVariable("DIMLDRBLK", "\_OBLIQUE")* |  | | | | | |
| 54 | | | | *# acad.ActiveDocument.SetVariable("DIMASZ", 5)* |  | | | | | |
| 55 | | | | *# acad.ActiveDocument.SetVariable("DIMCEN", 3)* |  | | | | | |
| 56 | | | | *# acad.ActiveDocument.SetVariable("DIMARCSYM", 1)* |  | | | | | |
| 57 | | | | *# acad.ActiveDocument.SetVariable("DIMCLRT", 1)* |  | | | | | |
| 58 | | | | *# acad.ActiveDocument.SetVariable("DIMTXT", 4)* |  | | | | | |
| 59 | | | | *# acad.ActiveDocument.SetVariable("DIMTAD", 1)* |  | | | | | |
| 60 | | | | *# acad.ActiveDocument.SetVariable("DIMTOH", 0)* |  | | | | | |
| 61 | | | | *# acad.ActiveDocument.SetVariable("DIMTMOVE", 2)* |  | | | | | |
| 62 | | | | *# acad.ActiveDocument.SetVariable("DIMDEC", 1)* |  | | | | | |
| 63 | | | | *# print(chr(13))* |  | | | | | |
| 64 | | | | *# acad.ActiveDocument.SendCommand("-dimstyle" + chr(13) + "S" + chr(13) + "DimStyle1" + chr(13) + "Y" + chr(13))* |  | | | | | |
| 65 | | | | *# print("-dimstyle" + chr(13) + "S" + chr(13) + "DimStyle1" + chr(13) + "Y" + chr(13))* |  | | | | | |
|  |
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|  | 67 | | | |  |  | | | | | |
| [Python AutoCAD selection set](https://dalnur.blog.csdn.net/article/details/95446723#comments_18320433) | 68 | | | | *##* 其 他 |  | | | | | |
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| occurs? I converted a circle to vtobj, but ... | 70 | | | | *# dimAliObj.StyleName = "ISO-25"* |  | | | | | |
| [Python AutoCAD drawing](https://dalnur.blog.csdn.net/article/details/96589272#comments_18239680) | 71 | | | | *# dimAliObj.Update()* |  | | | | | |
| **七、多重引线**   * 1. **创建多重引线**      1. ArrowPnt = APoint(0, 0)      2. BaselinePnt = APoint(10, 10)      3. PntsArray = np.array([ArrowPnt, BaselinePnt])      4. PntsArray = PntsArray.reshape(1, PntsArray.shape[0] \* PntsArray.shape[1])[0]      5. MLeaderObj = acad.model.AddMLeader(PntsArray, 0)      6. *# ArrowPnt* 箭头位置；      7. *# BaselinePnt* 基线位置 ；      8. *# 1* 表示多重引线的索引号，为正整数。   2. **设置箭头大小**   1 MLeaderObj.ArrowheadSize = 2 *#* 指箭头高度；此项将覆盖系统变量*DIMASZ*的值。  **7.3. 设置基线长度**  1 MLeaderObj.DoglegLength = 8 | | | | | | | | | | |
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| [Python AutoCAD drawing](https://dalnur.blog.csdn.net/article/details/96589272#comments_18229477) |
| [weixin\_46670052:](https://blog.csdn.net/weixin_46670052) Hello, blogger. I am very |
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# 设置基线间隙

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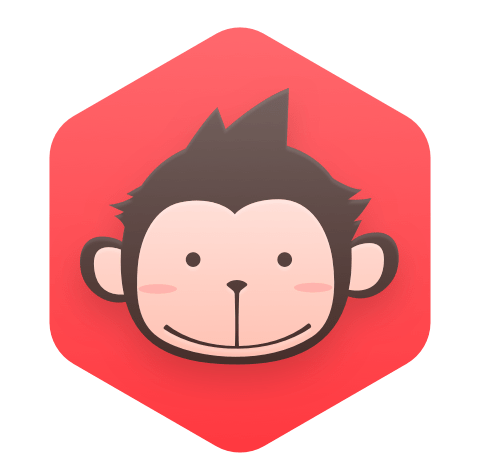
ns

  The above are some basic codes for AutoCAD annotations . Due to limited space, some non-critical functio

detail. If you have any questions, please email us.

[32](https://ac.csdn.net/?short_code=13271b93) dimAliObj = acad.model.AddDimAligned(ExtLine1Point, ExtLine2Point, TextPosition)

[Private](https://im.csdn.net/chat/Hulunbuir) [letters](https://edu.csdn.net/) [focus on](https://download.csdn.net/) [33 print](https://ac.csdn.net/?short_code=13271b93)(dimAliObj.styleName)

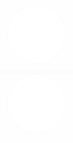


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| --- | --- |
| **contents**  V. Dimensions   * 1. Linear and Rotational Linear La…   2. Alignment   3. Angle annotation   4. Arc length labeling   5. Marking of diameter and radius Six, label style |  |
| * 1. Create a new dimension style [Hulunbuir](https://dalnur.blog.csdn.net/)   2. SYeatrda asgpeec3ifyiceadris[mensNiooncsetrytilfeicaa…tion](https://i.csdn.net/%23/uc/profile?utm_source=14998968)   3. [S10e,t0d0i0m+](https://blog.csdn.net/rank/list/weekly)en[s8io4n93line](https://blog.csdn.net/rank/list/total)26a0n,d00d0im+ensi[…](https://blog.csdn.net/blogdevteam/article/details/103478461) [Original](https://dalnur.blog.csdn.net/) [Weekly](https://blog.csdn.net/rank/list/weekly) [Overall](https://blog.csdn.net/rank/list/total) access grade      1. [Out](https://blog.csdn.net/rank/list/weekly) [of mark](https://blog.csdn.net/rank/list/total)   [ranking](https://blog.csdn.net/rank/list/weekly) [ranking](https://blog.csdn.net/rank/list/total)   * + 1. Baseline spacing   3012 992 507 867 2000  integral 6.3.3. Out of dimension line  fan Praised Comment collect  6.3.4. Starting point offset |
| [**Hulunbuir**](https://dalnur.blog.csdn.net/)focus on 14 68 37 Column list |

1 MLeaderObj.LandingGap = 3 *#* 基线端点到文字起点的距离

# 指定文字样式

1 MLeaderObj.TextStyleName = "HIT\_TxtStyle"



**7.6. 指定文字内容**

1 MLeaderObj.TextString = "HIT"

**八、尾声**

report

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图

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[The](https://ac.csdn.net/?short_code=13271b93) realization of some functions of this article cannot be separated from the great help of the vast number of bloggers. Some functions seem

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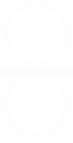
[collect](https://i.csdn.net/%23/user-center/collection-list?type=1) [dynamic](https://blink.csdn.net/)

[creation](https://mp.csdn.net/)

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|  | | |  | [Hulunbuir](https://blog.csdn.net/Hulunbuir) 回 复 **:**   1. from pyautocad import Autocad 2. from pyautocad import APoint 3. acad = Autocad(create\_if\_not\_exists = True) 4. acad.prompt("Hello! AutoCAD from pyautocad.") 5. textString = "Harb Insti of Tec" 6. insertPnt = APoint(0, 0) 7. height = 2.5 8 8. textObj1 = acad.model.AddText(textString, insertPnt, height) 9. AlignNum = 7 10. textObj1.Alignment = AlignNum 11. insertPnt = APoint(0, 10) 12. textObj1.TextAlignmentPoint = insertPnt 14 13. textObj2 = acad.model.AddText(textString, insertPnt, height) 14. AlignNum = 11 15. textObj2.Alignment = AlignNum 16. insertPnt = APoint(0, 10) 17. textObj2.TextAlignmentPoint = insertPnt   9 月 前 回 复 |  | report |  |
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| [**Hulunbuir**](https://dalnur.blog.csdn.net/) | focus on | | 14 68 37 | Column list | 时还打开CAD吧？所以我想请问我想封装成一个参数化建模软件。 | |

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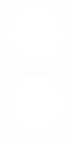
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