

# Образмеривание плит

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Эта статья ещё не завершена. Вы можете помочь проекту, исправив или дополнив её.

[dim.vbs](#)

```
Dim ms
Set ms = ThisDrawing.ModelSpace
Dim ut
Set ut = ThisDrawing.Utility

ut.Prompt ""

Dim sSet, line, ax, check2
Dim i, m, cnt, ppt0, ppt1, ax0, ax1, pt0(2), pt1(2), pt2(2)
check2 = 0
pt0(2) = 0
pt1(2) = 0
pt2(2) = 0

dim dx, dy
dx = 999999
dy = 999999

set sSet = ThisDrawing.ActiveSelectionSet
sSet.SelectOnScreen
cnt = sSet.Count

for i=0 to cnt-1
    set line = sSet.Item(i)
    if (line.ObjectName = "AcDbLine") then
        if line.Layer = "КЖ_элементы ПМ" then
            ppt0 = ut.CreateSafeArrayFromVector(line.StartPoint)
            ppt1 = ut.CreateSafeArrayFromVector(line.EndPoint)
            pt0(0) = (ppt0(0) + ppt1(0))/2
            pt0(1) = (ppt0(1) + ppt1(1))/2
            if int(pt0(0)) = int(pt1(0)) then
                'ut.Prompt "вертикальная грань"
                for m=0 to cnt-1
                    set ax = sSet.Item(m)
                    if (ax.ObjectName = "AcDbLine") then
                        if ax.Layer = "КЖ_оси" then
                            ax0 =
ut.CreateSafeArrayFromVector(ax.StartPoint)
                            ax1 =
```

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ut.CreateSafeArrayFromVector(ax.EndPoint)
    if int(ax0(0)) = int(ax1(0)) then
        'ut.Prompt "вертикальная ось"
        if abs(pt0(0) - ax0(0)) < dx then
            dx = abs(pt0(0) - ax0(0))
            pt1(0) = ax0(0)
            pt1(1) = pt0(1)
        end if
    end if
end if
end if
next
dx = 999999
pt2(0) = (pt0(0) + ax0(0))/2
pt2(1) = pt0(1) - 100
Dim AlignedText pt0, pt1, pt2
else
if int(ppt0(1)) = int(ppt1(1)) then
    'ut.Prompt "горизонтальная грань"
    for m=0 to cnt-1
        set ax = sSet.Item(m)
        if (ax.ObjectName = "AcDbLine") then
            if ax.Layer = "КЖ_оси" then
                ax0 =
ut.CreateSafeArrayFromVector(ax.StartPoint)
                ax1 =
ut.CreateSafeArrayFromVector(ax.EndPoint)
                if int(ax0(1)) = int(ax1(1)) then
                    'ut.Prompt "горизонтальная ось"
                    if abs(pt0(1) - ax0(1)) < dy then
                        dy = abs(pt0(1) - ax0(1))
                        pt1(0) = pt0(0)
                        pt1(1) = ax0(1)
                    end if
                end if
            end if
        end if
    next
    dy = 999999
    pt2(0) = pt0(0) - 100
    pt2(1) = (pt0(1) + ax0(1))/2
    Dim AlignedText pt0, pt1, pt2
end if
end if
end if
else
    check2 = 1
end if
next
ut.Prompt "Готово, проверь!"
if check2 = 1 then

```

```
    ut.Prompt " "  
    ut.Prompt "Внимание! В набор вошли не только отрезки"  
end if  
sSet.Clear  
  
Sub DimAlignedText(pt0,pt1, pt2)  
    Dim oDim  
    Set oDim = ms.AddDimAligned(pt0, pt1, pt2)  
    oDim.Layer = "КЖ_размеры"  
    'oDim.TextOverride = dimtext  
    oDim.ScaleFactor = "100"  
    oDim.TextInside = true  
End Sub
```

nanocad, vba, отрезки, swell