



Haz 20, 2021 Hello All,

This script finds the Cups and you can use it while analysing the symbols. It creates circle and channel for the potential Cups and checks the number of bars included by the channel, if included bars is equal or greater than the value you set then it shows the cup.

The Options:

"Number for Bars to search": Maximum length of a Cup

"Channel Width of the Cup": Take by the channel width of highest/lowest levels in last 300 bars, by default its 5%

"Check for Breakout": If there is Cup then it checks Close or High/Low is used a source for breakouts, useful while cheking historical bars

"Contained Bar Rate %": after channel is created the script checks number of bars included by the channel of the Cup, you can set rate of included bars by this option

"Show Channels of Cups": If you enable this option then you can see the channels around the Cups and set it as you wish

and there are some other options for labeling/removing old Cups and for coloring

Here you can see how channel looks like:



Cup with different colors:



P.S. This is an experimental work and sorry for no explanation in the script.
In the future if I have time I will try to write a script for Cup&Handle
This script is also an example to calculate and draw circles :)

Enjoy!

Ağu 7, 2021 **Sürüm Notları:** updated
Ağu 7, 2021 **Sürüm Notları:** fixed the screen
Ek 4, 2021 **Sürüm Notları:** updated

Website

Açık kaynak kodlu komut dosyası ⓘ

Güçlü TradingView rühuyla, bu bettin yazan, yatırımcının anlayabilmesi ve doğrulanabilmesi için onu açık kaynak olarak yayınladı. Yazının eline sağlıktır! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yanında yeniden kullanım **Kullanım Koşulları** ile yönettilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

Feragatname

Bilgileri yayınlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavrileler anlamına gelmez ve teşkil etmez. **Kullanım Şartları**’nda daha fazlasını okuyun.

Bu komut dosyasını bir grafikte kullanmak ister misiniz? ⓘ

Favori göstergelere ekle

```
1 // This source code is subject to the terms of the Mozilla Public License 2.0 at https://mozilla.org/MPL/2.0/
2 // © LonesomeTheBlue
3
4 //@version=4
5 study("Cup Finder", "CF", overlay = true, max_lines_count = 500)
6 loopback = input(defval = 150, title = "Number of Bars to search", minval = 30, maxval = 250)
7 width = input(defval = 5, title = "Channel Width of the Cup", minval = 1)
8 check_hc = input(defval = "Close", title = "Source for Breakout", options = ["Close", "High/Low"])
9 include_rate = input(75, title = "Contained Bar Rate %", minval = 10, maxval = 100) / 100
10 show_channel = input(false, title = "Show Channels of Cups")
11 no_label = input(false, title = "Don't Show Labels")
12 remove_old_lines = input(false, title = "Remove Old Lines")
13 remove_old_labels = input(false, title = "Remove Old Labels")
14 bullish_color = input(defval = "#00FFFF", title = "Colors", inline = "colors")
15 bearish_color = input(defval = "#FF0000", title = "", inline = "colors")
16
17 // used for calculation/drawing of circles
18 float width_ = (highest(292) - lowest(292)) / 100
19 float width = width_ * width_
20 bool highestbar = highestbars(30) == 0
21 bool lowestbar = lowestbars(30) == 0
22 float bullsrc = check_hc == "Close" ? close : high
23 float bearsrc = check_hc == "Close" ? close : low
24
25 float hh = 0.
26 float lasthh = 0.
27 int ind = 0
28 bool bull = false
29 for x = 1 to loopback
30     lasthh := max(lasthh, high[x])
31     if bullsrc <= lasthh
32         break
33
34 if x >= 20 and bullsrc > high[x] and close[1] < high[x] and high[x] >= lasthh and highestbar[x]
35     hh := high[x]
36     ind := x
37     bull := true
38
39 float ll = 0.
40 lastll = highest(292)
41 if ind == 0
42     for i = 1 to loopback
43         lastll := min(lastll, low[x])
44         if bearsrc >= lastll
45             break
46
47 if x >= 20 and bearsrc < low[x] and close[1] > low[x] and low[x] <= lastll and lowestbar[x]
48     ll := low[x]
49     ind := x
50
51 Round(val)>= round(val / syminfo.mintick) * syminfo.mintick
52
53 var cup_lines = array.new_line(0)
54 var label_cup_label = na
55 lev = array.new_float(0)
56 bullish_cup = false
57 bearish_cup = false
58 included = no
59 ind |= 0
60 float pow_radius = pow(ind / 2, 2)
61 end = round((ind - (ind % 2)) / 2)
62 if ind % 2 == 0
63     array.push(levs, bull ? hh - sqrt(pow_radius) * width : ll + sqrt(pow_radius) * width)
64
65 for x = 1 to end
66     ycoord = sqrt(pow_radius - pow(x, 2)) * width
67     array.push(levs, bull ? hh - ycoord : ll + ycoord)
68     array.unshift(levs, bull ? hh - ycoord : ll + ycoord)
69 if ind % 2 == 1
70     array.push(levs, bull ? hh : ll)
71     array.unshift(levs, bull ? hh : ll)
72
73 in_cnt = 0
74 for x = 0 to array.size(levs) - 1
75     if (min(array.get(levs, x) + width, high[x]) - max(array.get(levs, x) - width, low[x]) > 0)
76         in_cnt := in_cnt + 1
77
78 if in_cnt / (ind + 1) >= include_rate
79     if not no_label
80         if remove_old_labels
81             label.delete(cup_label)
82             cup_label := label.new(bar_index, array.get(levs, 0),
83                                     text = "CupRadius = " + tostring(Round(width * ind / 2)) + "%Included = " + tostring(100 * in_cnt / (ind + 1), '#.#') + "%",
84                                     color = bull ? bullish_color : bearish_color,
85                                     textcolor = bull ? color.black : color.white,
86                                     textalign = text.align_left,
87                                     style = bull ? label.style_label_lower_right : label.style_label_upper_right)
88
89 if remove_old_lines and array.size(cup_lines) > 0
90 for x = 0 to array.size(cup_lines) - 1
91     line.delete(array.get(cup_lines, x))
92
93 array.push(cup_lines, line.new(x1 = bar_index, y1 = array.get(levs, 0), x2 = bar_index - ind + 1, y2 = array.get(levs, 0), color = bull ? bullish_color : bearish_color, style = line.style_dashed))
94 xloc = ind
95 for x = 0 to array.size(levs) - 2
96     array.push(cup_lines, line.new(x1 = bar_index - xloc, y1 = array.get(levs, x), x2 = bar_index - xloc + 1, y2 = array.get(levs, x + 1), color = bull ? bullish_color : bearish_color, width = 3))
97     if show_channel and x % 2 == 0 and x > 0 and x < array.size(levs) - 2
98         array.push(cup_lines, line.new(x1 = bar_index - xloc, y1 = array.get(levs, x) + width, x2 = bar_index - xloc + 1, y2 = array.get(levs, x + 1) + width, color = bull ? bullish_color : bearish_color, width = 3))
99         array.push(cup_lines, line.new(x1 = bar_index - xloc, y1 = array.get(levs, x) - width, x2 = bar_index - xloc + 1, y2 = array.get(levs, x + 1) - width, color = bull ? bullish_color : bearish_color, width = 3))
100
101 xloc := xloc - 1
102
103 included := round(100 * in_cnt / (ind + 1))
104 if bull
105     bullish_cup := true
106 else
107     bearish_cup := true
108
109 plot(included, title = "included", display = display.none)
110 alertcondition(bullish_cup, title = "Bullish Cup Found", message = "Bullish Cup Found, Included:{plot('included')}")
111 alertcondition(bearish_cup, title = "Bearish Cup Found", message = "Bearish Cup Found, Included:{plot('included')}")
112 alertcondition(bullish_cup || bearish_cup, title = "Cup Found", message = "Cup Found, Included:{plot('included')}")
113
```

Yorumlar

Yararlı veya teşvik edici bir yorum bırakın. Piyasalarla birlikte hâkim olalım



Alıntıları yorum

Yorum Paylaş

Dinesh_C_Nagpal PREMIUM · Haz 21, 2021 ...
...

100 koin

+5 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Haz 21, 2021 ...
...

@Dinesh_C_Nagpal, thanks

+1 ▲ Cevap Gönder

indifati PRO · Haz 20, 2021 ...
...

Sözümde duruyorum;)))

500 koin

+5 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Haz 20, 2021 ...
...

@indifati, Thank you

+▲ Cevap Gönder

NorthStarDayTrading PREMIUM · Haz 20, 2021 ...
...

This is astounding. You never cease to amaze with your work. Bravo!

200 koin

+3 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Haz 20, 2021 ...
...

@NorthStarDayTrading, thank you

+▲ Cevap Gönder

Hassonya PRO · Haz 20, 2021 ...
...

You are the light on our way

I like your vision master Thanks

200 koin

+2 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Haz 20, 2021 ...
...

@Hassonya, Thank you

+1 ▲ Cevap Gönder

kiboko81 PRO · Ağustos 24, 2021 ...
...

Well done!

100 koin

+1 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Ağustos 25, 2021 ...
...

@kiboko81, Thanks!

+▲ Cevap Gönder

MarxBabu RECRUITER · Tem 10, 2021 ...
...

Very incredible work,Such a nice programming skills ,i cant just go away without appreciating you .You are very unique and thought flowing..

350 koin

+1 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Ağustos 24, 2021 ...
...

@MarxBabu, Thank you!

+▲ Cevap Gönder

indifati PRO · Haz 20, 2021 ...
...

Bağışıklarımı bildirmeye gelicem İnşallah...

500 koin

+1 ▲ Cevap Gönder

PineCoders MOD · Haz 20, 2021 ...
...

500 koin

+1 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Haz 20, 2021 ...
...

@PineCoders, Thank you very much!

+▲ Cevap Gönder

casualphoenixtrading PRO · Haz 20, 2021 ...
...

I have a feeling you'll be the first one ever to make a script that identifies all the trader types of patterns. Wyckoff phases and points, Candle stick patterns and chart patterns, you always accomplish what tradingview lacks.

+9 ▲ Cevap Gönder

sunil1881 · Ağustos 25, 2021 ...
...

Can you use it on Indian equities? & if so; how? Pl. give examples in order we learn

+6 ▲ Cevap Gönder

 PineCoders MOD · Haz 20, 2021

This publication is now featured in our Editors' Picks: tradingview.com/scripts/editors-picks/.
In the name of all TradingViewers, thank you for your valuable contribution to the community, and congrats!

+6 ▲ Cevap Gönder

 LonesomeTheBlue WIZARD · Haz 20, 2021

@PineCoders, Thanks a lot!

▲ Cevap Gönder

 dgtrd WIZARD · Haz 20, 2021

true pine wizard, congrats and thanks

+4 ▲ Cevap Gönder

 LonesomeTheBlue WIZARD · Haz 20, 2021

@dgtrd, Thank you dude

▲ Cevap Gönder

 sksaha77 PRO · Ağustos 25, 2021

You are a Pine Master

+2 ▲ Cevap Gönder

 LonesomeTheBlue WIZARD · Ağustos 26, 2021

@sksaha77, thank you

▲ Cevap Gönder

 Disciple_Of_Shiva PRO+ · Haz 20, 2021

How can all of us every thank you and all pine wizards enough LTB??? Just can thank you with all my heart and pray for you all always :) God Bless You :)

+2 ▲ Cevap Gönder

 FrugalInc · Eki 12, 2021

Does this cup finder detect ahead of time? or does it only show after the cup shape has been fully completed?

+1 ▲ Cevap Gönder

 herhangibirildirgokhan · Eki 12, 2021

adamminim :)

+1 ▲ Cevap Gönder

 MrNormanFaisal · Eki 4, 2021

thank you so much man you did a wonderful job

+1 ▲ Cevap Gönder

 santosha7355 · Ağustos 26, 2021

thank you

+1 ▲ Cevap Gönder

 JSR68 · Ağustos 25, 2021

Really admire your generosity in sharing your hard work with the community!

+1 ▲ Cevap Gönder

 LonesomeTheBlue WIZARD · Ağustos 26, 2021

@JSR68, Thanks a lot!

▲ Cevap Gönder

 masafvati · Ağustos 25, 2021

Thanks

+1 ▲ Cevap Gönder

 arpitk1985 · Ağustos 25, 2021

Thank You Man, I loved it

+1 ▲ Cevap Gönder

 MXFacts · Ağustos 25, 2021

greetings and thanks

+1 ▲ Cevap Gönder

 moneygene PRO+ · Ağustos 25, 2021

This will definitely assist in locating the pattern. Like having a second pair of eyes. Thankyou!!

+1 ▲ Cevap Gönder

 masumins · Ağustos 24, 2021

thank you very much ,appreciated

+1 ▲ Cevap Gönder

 gorkemgungor · Ağustos 22, 2021

Simdiye kadar gordugum en seker script.

Takdirlerimi ve saygılarimi gonderiyorum. Ama scripte bakarken elimi masaya vurup kahkahayi patlatmadan edemedim.
Bence Turkiyeden cikmis acik ara en iyi pinecoddere sensin. Basarilar dilerim. Koinlerin bol olsun.

+1 ▲ Cevap Gönder

 jackburton666 PRO+ · Ağustos 7, 2021

I love you this script. It's helped me to time entries on a couple of really nice opportunities

+1 ▲ Cevap Gönder

 Ar2J2 PRO+ · Ağustos 4, 2021

Thank you

+1 ▲ Cevap Gönder

-  **Stoner53** PRO · Tem 20, 2021 cevap 
- nice work :)
- +1 ▲ Cevap Gönder
-  **Pratik_4Clover** · Tem 1, 2021 cevap 
- You are genius!!
- +1 ▲ Cevap Gönder
-  **oguzhan84** PRO · Haz 27, 2021 cevap 
- KING 🌟
- +1 ▲ Cevap Gönder
-  **bosco931** · Haz 26, 2021 cevap 
- I like it a lot.
- +1 ▲ Cevap Gönder
-  **allanster** PREMIUM · Haz 24, 2021 cevap 
- Incredible work, thanks for sharing your brilliance with the community!
- +1 ▲ Cevap Gönder
-  **LonesomeTheBlue** WIZARD · Haz 24, 2021 cevap 
- @allanster, Thank you dude!
- ▲ Cevap Gönder
-  **OmniTekTrading** PREMIUM · Haz 22, 2021 cevap 
- So you took a bar pattern and drew the algo to do it?? Interesting
- +1 ▲ Cevap Gönder
-  **constantine_trading** PRO · Haz 21, 2021 cevap 
- nice work. Just started to read mark minervin's perspective on cups :D
- +1 ▲ Cevap Gönder
-  **RedArt_Krish** PRO · Haz 21, 2021 cevap 
- Hats Off !! Master.. You r the best of the best.
- +1 ▲ Cevap Gönder
-  **ratikantatutu** · Haz 21, 2021 cevap 
- awesome sir love it thank u
- +1 ▲ Cevap Gönder
-  **crazyguy0607** PRO · Haz 21, 2021 cevap 
- unbelievable ,amazing script
- +1 ▲ Cevap Gönder
-  **rlonen9440** PREMIUM · Haz 21, 2021 cevap 
- Kudos for coming up with this. It is great to see your work. Thanks.
- +1 ▲ Cevap Gönder
-  **azhe** PRO · Haz 21, 2021 cevap 
- thanks man...what a great work..god bless..
- +1 ▲ Cevap Gönder
-  **Duyck** WIZARD · Haz 20, 2021 cevap 
- Amazing script man!!!
- Hats off!
- Gr, JD.
- +1 ▲ Cevap Gönder
-  **LonesomeTheBlue** WIZARD · Haz 21, 2021 cevap 
- @Duyck, Thank you dude!
- ▲ Cevap Gönder
-  **pumadoreme** · Haz 20, 2021 cevap 
- thank u
- +1 ▲ Cevap Gönder
-  **McFxTurk2335** · Haz 20, 2021 cevap 
- teşekkürler hocam
- +1 ▲ Cevap Gönder
-  **Gutzkowski21** · Haz 20, 2021 cevap 
- great information for me, thanks for sharng.
- +1 ▲ Cevap Gönder
-  **orgz987** · Haz 20, 2021 cevap 
- Mate this looks crazy love it !!!
- +1 ▲ Cevap Gönder
-  **FaridFender** · Haz 20, 2021 cevap 
- awesome sir @LonesomeTheBlue
- +1 ▲ Cevap Gönder
-  **indifati** PRO · Haz 20, 2021 cevap 
- Doktor bu ne!! Efsanesiniz.. Bakiyem sıfır olduğu için koin göndermemiyorum ama olsayı, tüm cüzdanı gönderirdim Abi... Böyle bir göstergeyi açık kaynak kodlu paylaşmak, büyük incelik. Saygıtar Sevgiler. Ellerinize emeğińizne sağılk.
- +1 ▲ Cevap Gönder

 bunulu **PRO+** · Haz 20, 2021  
Best, as always
[+1](#)  [Cevap Gönder](#)

 eliyoung7979 · Haz 20, 2021  
Awesome, I love your work. Thank you kindly
[+1](#)  [Cevap Gönder](#)

 LonesomeTheBlue **WIZARD** · Haz 20, 2021  
@elioung7979, my pleasure
[▲](#)  [Cevap Gönder](#)

 Thy_GoD · Haz 20, 2021  
Looks like a cool script ngl.
Too bad I dont rly trade cups
[+1](#)  [Cevap Gönder](#)

 RC7981 **PRO** · Oca 20  
Nice
[▲](#)  [Cevap Gönder](#)

 swapnilnawale1995 · Oca 28  
waiting for cup with HANDLE.
thanks in advance.
[▲](#)  [Cevap Gönder](#)

 Eason_yi **PRO+** · Oca 18  
nice 很有趣的策略
[▲](#)  [Cevap Gönder](#)

 UnknownUnicorn7821777 · Ara 23, 2021  
@LonesomeTheBlue I have a great idea for an indicator that shows all the buys and sells on a cup, it's a Fib Lattice. You can set it up the moment you see cupping. Let me know if you're interested and I'll give you more details. I do them manually now but you could make it automatic. (I can't)
[▲](#)  [Cevap Gönder](#)

 maroof81 · Ara 15, 2021 · iOS İçin TradingView  
Thank you
[▲](#)  [Cevap Gönder](#)

 zyb123456 · Eyl 15, 2021  
I don't know how to use this?
[▲](#)  [Cevap Gönder](#)

 toyus902 · Eyl 12, 2021  
Very impressive work!
[▲](#)  [Cevap Gönder](#)

 NEKSUS_ · Eyl 1, 2021  
Please, make MTF Version.
[▲](#)  [Cevap Gönder](#)

 ArAkbari · Ağu 28, 2021  
Nice job.
well done.
Eagerly waiting for updates.
[▲](#)  [Cevap Gönder](#)

 davidvmarsudi **PRO** · Ağu 28, 2021  
Thank you
[▲](#)  [Cevap Gönder](#)

 nairsantosh17 · Ağu 26, 2021  
Hi,
I am very new to the Trading view application.If I apply this CUP & HANDLE finder in the Indian stocks, could you please help. I saved the Indicator in my Favourites Menu, but still the same is not working.
I dont understand the coding language. Could you or anyone please help in executing this code . Should this code be copied anywhere or just adding to Favourites work?
[▲](#)  [Cevap Gönder](#)

 HitnRun2021 **PRO** · Ağu 26, 2021  
Thank you! Can't wait to try it out!
[▲](#)  [Cevap Gönder](#)

 Gemini_01 · Ağu 25, 2021  
what timeframe works best on this? anyone used it successfully?
[▲](#)  [Cevap Gönder](#)

 ScooterH **PRO** · Ağu 24, 2021  
Excellent! Thanks so much for making this public. Do you have one for Head and Shoulders patterns?
[▲](#)  [Cevap Gönder](#)

 gleefulFalcon74701 · Ağu 24, 2021  
any advice on how to use this script in webull? many errors come up when trying to apply
[▲](#)  [Cevap Gönder](#)

 onkdavinci · Ağu 24, 2021  
Sungguh luarrr.... biasa
[▲](#)  [Cevap Gönder](#)

 DAmzai **PRO+** · Ağu 24, 2021  
..

tny
▲ Cevap Gönder

G growing100 PREMIUM · Tem 17, 2021 cœ 🔍

a very very nice script - thank you so much!
one question: has ycord any relevance? as of my understanding the value for this variable is 0 at all time.

▲ Cevap Gönder

G growing100 PREMIUM · Tem 17, 2021 cœ 🔍

@growing100, I got the answer by myself :-D - keep on your amazing work!
+1 ▲ Cevap Gönder

L LonesomeTheBlue WIZARD · Ağu 26, 2021 cœ 🔍

@growing100, :)

▲ Cevap Gönder

S sharesubash · Tem 17, 2021 cœ 🔍

See the chaRT OF I&T...LOOKS LIKE CUP and Handle formation

▲ Cevap Gönder

D DEAD_HUNTER · Tem 16, 2021 cœ 🔍

This is fantastic, is there a chance you can make a script that finds trading ranges aswell?

▲ Cevap Gönder

S speckles PREMIUM · Haz 28, 2021 cœ 🔍

Thanks for that, Interesting price seems to reverse at the end of the cup. :)

▲ Cevap Gönder

Z ZEN45821320 · Haz 23, 2021 cœ 🔍

Does this indicator repaint?

▲ Cevap Gönder

L LonesomeTheBlue WIZARD · Haz 24, 2021 cœ 🔍

@ZEN45821320, no

▲ Cevap Gönder