

# Re: Identifying Part Numbers

---

*Source:*

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.worksheet.functions/2006-12/msg01280.html>

---

- *From:* Max <demechanik@xxxxxxxxxx>
  - *Date:* Wed, 13 Dec 2006 23:35:00 -0800
- 

Some thoughts to get you going on this 1st part of your quest ..

.. Therefore, listed next to each child part number,  
I would like to have (column D) the cell address of the parent  
and the actual parent part number (column E).

*Assumptions:*

Parent part numbers are housed within A2:A200

Child part numbers are listed in C2 down

In D2, array-entered (press CTRL+SHIFT+ENTER):

```
= "A" & MATCH(1, ISNUMBER(SEARCH($A$2:$A$200, C2)) * ($A$2:$A$200 <> ""), 0) + 1
```

In E2, array-entered (press CTRL+SHIFT+ENTER):

```
= INDEX($A$2:$A$200, MATCH(1, ISNUMBER(SEARCH($A$2:$A$200, C2)) * ($A$2:$A$200 <> ""), 0))
```

Select D2:E2, copy down to the last row of data in col C

Note: Adapt the range: \$A\$2:\$A\$200 to suit before copying down

Col D will return the cell address of the parent part number,  
while col E returns the actual parent part number ..

Note: Replace SEARCH with FIND in the 2 formulas if you need a stricter  
case-sensitive search. SEARCH is not case sensitive.

As for the 2nd part of your quest, I've got no ideas to offer you. But you  
could proceed to auto-filter out the lines with #N/A returns in either col D  
or E for closer inspections

---

Max

Singapore

<http://savefile.com/projects/236895>

xdemechanik

---

"Tiziano" wrote:

Column A of my spreadsheet has several hundred "parent" part numbers.

## Re: Identifying Part Numbers

Column C has several thousand "child" part numbers.

A parent part number is made up of a combination of characters/digits: ex. TMCU 04-06. The length and combination of characters/digits varies.

A child part number is supposed to be made up with the parent's part number and other characters/digits: ex. SUS-TMCU 04-06-NBR, or TMCU 04-06-D99, or SDE-TMCU 04-06, etc. Unfortunately, these other characters/digits can be placed before, after, or on both sides of the parent part number and vary in length...

What I would like to do is identify all those child part numbers that have a corresponding parent and also those child part numbers that have been (potentially) coded wrong. Therefore, listed next to each child part number, I would like to have (column D) the cell address of the parent and the actual parent part number (column E). If no perfect match exists, then there shall be (column F) the cell address of the part number in column A that comes the closest (in terms of sequential characters/digits) to the part number in column C, the actual part number of that cell address (column G), and the maximum number of sequential characters/digits matched (column H).

Thanks in advance to whoever can help me out.

--

Tiziano