

Returns the concentrate loss of pressure coefficient for the most common elements of an hydraulic circuit: valves, elbows, T connections, section increase and reductions, tank input and output, 90° curves and so on.

Just enter loss\_cf() and chose requested elements:

1. Valves
  - Stop valve full opened
  - Gate valve  $\frac{3}{4}$  opened
  - Gate valve  $\frac{1}{2}$  opened
  - Gate valve  $\frac{1}{4}$  opened
  - Foot valve
2. Elbow
  - Short radius elbow
  - Medium radius elbow
  - Long radius elbow
  - 45° elbow
3. T connection (one-sided exit)
4. Tank mouthpiece IN
  - Sharp cornered
  - Only just rounded off
  - Sensibly rounded off
  - With internal pipe
5. Tank mouthpiece IN
6. Sharp section increase
7. Gradual section increase
8. Sharp section reduction
9. 90° curve
10. Offset

Enter additional data when requested

This program would be an help in hydraulic circuit project and analyses but it can't consider all possible components: I'm sorry if it will not be able to help you every time.

This program has been already used many times without problems. If you find any bug first assure you to have selected the English language in the Mode and not to have translated the code with any program. If the problem persists, please, let me know.

For a better and faster answer, please, enclose some screenshot of the bug: entered inputs, expected outputs, error messages, erroneous code line, Mode setting... it will help me very much!

My address is [paolosilingardi@interfree.it](mailto:paolosilingardi@interfree.it); write **TI-Program** as Object of e-mail!

**IN ORDER TO PREVENT SPAMMING, E-MAIL WITHOUT THE CORRECT OBJECT  
WILL BE AUTOMATICALLY DELETED!**

You can find all my programs at this address:

<http://www.ticalc.org/archives/files/authors/44/4458.html>.

Remember to vote this program in the site!

Paolo Silingardi

