

PSCR K-Check - Touzil System

by [Nick Toussaint](#) and [Leonardo Zillo Monte Xillo](#)

Touzil-K factor isn't the same K factor used in other systems. It's intended to be used with Touzil System only. Don't use Touzil-K factor with other systems, this would lead to incorrect and unpredictable results.
This is an experimental software. Don't use it in real dives

[PSCR Oxygen Drop - Touzil System](#)
[PSCR Breathing Efficiency Check](#)

Tank Oxygen Fraction (%). Example: 25.9
 Rebreather Dump Ratio (%). Example: 10
 Breathing Rebreather Consumption Rateo (1/x). Example: 6.75
 Depth (meters). Example: 52.5 Oxygen Partial Pressure (At least three minutes of stabilization). Example: 1.31
 Depth (meters). Example: 52.88 Oxygen Partial Pressure (At least three minutes of stabilization). Example: 1.34
 Depth (meters). Example: 52.41 Oxygen Partial Pressure (At least three minutes of stabilization). Example: 1.26

Calc

Tank Oxygen Fraction	Dump Ratio	Efficiency 1/x	True Volume Ratio	Bottom Oxygen Partial Pressure	Depth	Oxygen Fraction	K factor	Bottom Oxygen Partial Pressure	Depth	Oxygen Fraction	K factor	Bottom Oxygen Partial Pressure	Depth	Oxygen Fraction	K factor	Overall K factor
32	10	7.27	0.138	0.94	27.9	24.8	18.1	0.92	28.8	23.71	15.4	1.02	30.7	25.06	17.5	17