

## Tables of Chapter 5

	Set 1	Set2	Set 3	Set 4
$A$ (bars)	0.9	5	5	0.9
$B$ (bars)	1.35	10	7.5	1.35
$V^*$ ( $\mu\text{m/s}$ )	$10^{-5}$	$10^{-4}$	$10^{-5}$	$10^{-5}$
$L$ ( $\mu\text{m}$ )	$10^4$	$10^3$	$10^4$	$10^4$
$k$ (bars/ $\mu\text{m}$ )	$10^{-5}$	$1.25 \cdot 10^{-4}$	$10^{-5}$	$10^{-5}$
$T_{a.f.}$ (s)	5	5	5	5
$\dot{\boldsymbol{t}}_0$ (bars/s)	$1.5 \cdot 10^{-9}$	$1.25 \cdot 10^{-8}$	$1.5 \cdot 10^{-9}$	$3 \cdot 10^{-8}$
$\boldsymbol{t}_*$ (bars)	700	700	700	700
$V_s$ ( $\mu\text{m/s}$ )	$3.17 \cdot 10^{-5}$	$10^{-4}$	$3.17 \cdot 10^{-5}$	$3 \cdot 10^{-4}$

$T_{a.f.} = 2\boldsymbol{p} \sqrt{m/k}$  is the period of the analogous freely slipping system (Rice and Tse, 1986),

$\boldsymbol{t}_0 = k\dot{\boldsymbol{d}}_0$  is the tectonic loading rate.

**Table 5.1.** Parameters used for the calculations shown in the figures.