

Objectif : $\sigma \uparrow$
 $\epsilon \rightarrow$

$$\sigma = \frac{F}{S}$$

$$\epsilon = \frac{\Delta l}{l_0}$$

$$S = 12 \times 6 = 72 \text{ mm}^2$$

image de Δl

F

Δl tarrée

σ

ϵ

$b = 275 \text{ mm}$

A	B	C	D	E
Heure	cap position	capt position	capt position	cap position
ms	V	V	mm	mm
0	1,43	1,175	44,002	11,755
1	1,476	1,205	42,107	12,048
2	1,503	1,222	41,01	12,219
3	1,518	1,232	40,412	12,317
4	1,527	1,237	40,013	12,366
5	1,53	1,241	39,914	12,414
6	1,532	1,244	39,814	12,439
7	1,537	1,244	39,614	12,439
8	1,54	1,244	39,515	12,439
9	1,54	1,246	39,515	12,463
10	1,54	1,246	39,515	12,463
11	1,542	1,249	39,415	12,488
12	1,54	1,249	39,515	12,488
13	1,542	1,249	39,415	12,488
14	1,542	1,249	39,415	12,488
15	1,542	1,249	39,415	12,488
16	1,542	1,249	39,415	12,488

A	B	C	D	E	F
capt position	effort N	Sigma	Delta L tarrée	Epsilon	
mm	N	Mpa	mm	/	
1					
2					
3					
4	40,512	0	0	0	0
5	40,512	0	0	0	0
6	40,512	0	0	0	0
7	40,612	24,438	0,3394167	0,1	0,0036364
8	40,512	0	0	0	0
9	40,512	0	0	0	0
10	40,512	0	0	0	0
11	40,512	0	0	0	0
12	40,512	0	0	0	0

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