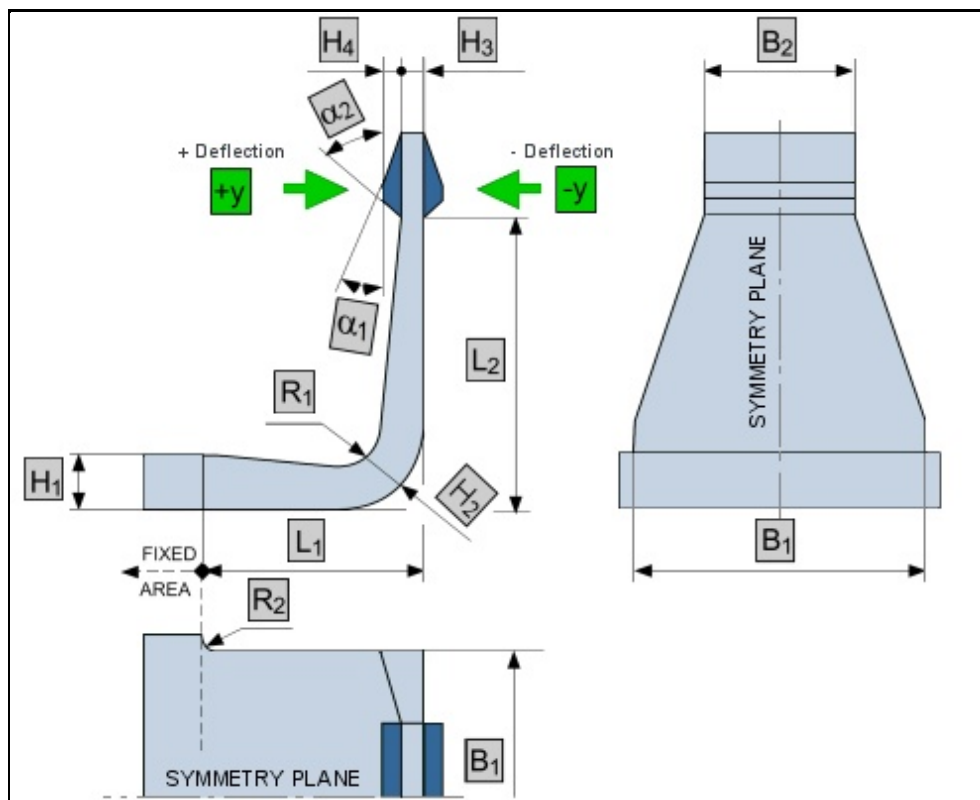


# FEMSnap-Service

## Input of Max Muster, Job-Name: Example 2

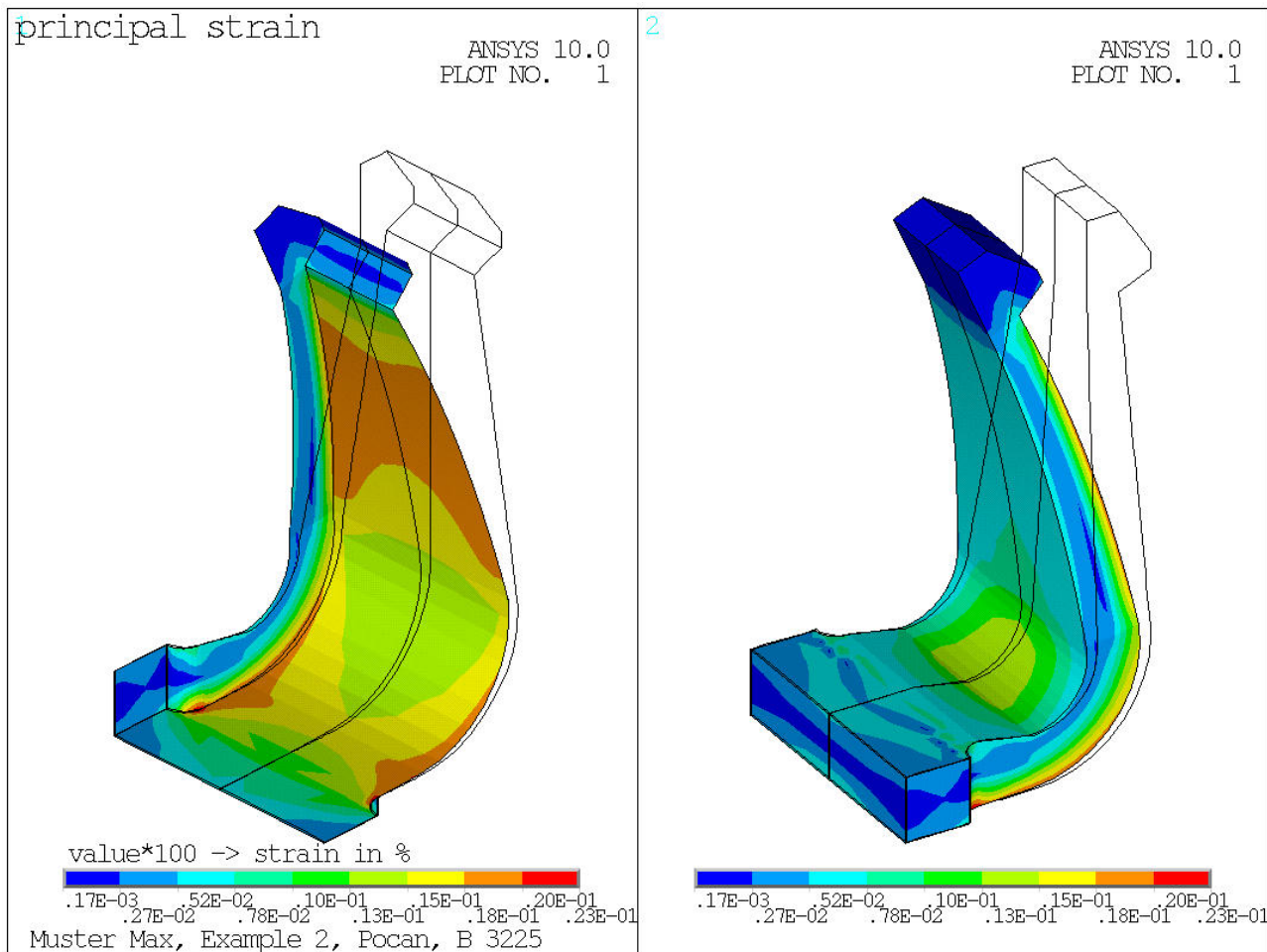
Material name	Pocan B 3225
Temperature	23 °C
Coefficient of friction	0.4



Dimension	Value
H1 (mm)	3.0
H2 (mm)	2.5
H3 (mm)	1.5
H4 (mm)	1.5
L1 (mm)	9.0
L2 (mm)	20.0
B1 (mm)	10.0
B2 (mm)	5.0
R1 (mm)	3.0
R2 (mm)	1.0
$\alpha 1$ (°)	33.0
$\alpha 2$ (°)	66.0
y (mm)	-5.0

Thank you for using our service.

## Output of Max Muster, Job-Name: Example 2



## Summary of results:

Calculated strain	%	<b>2.3 inadmissible</b>
Admissible strain	%	1.6 for a brief one time deflection
Failure strain limit	%	2.6 damage or fracture
Deflection force	N	74.5 in the y direction
Insertion force	N	105.6
Pull-out force	N	1940.3

All results are approximate; for further explanations and assumptions see FEMSnap-Manual.

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