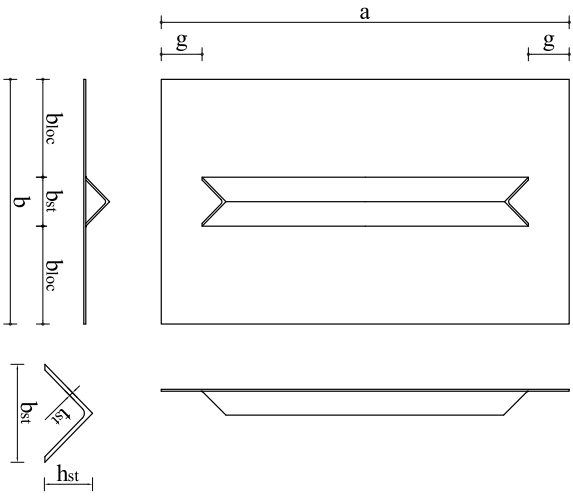
# Specimen: V_n1_g05_lss_closed

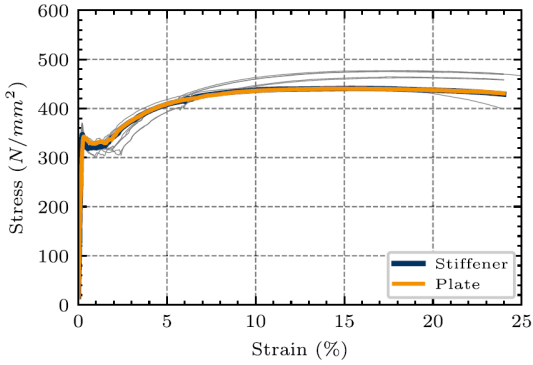
## Geometry




| n | $g_{nom}$ | $g_{real}$ | a | b | $t_{p,real}$ | $b_{loc}$ | $h_{st}$ | $b_{st}$ | $t_{st,real}$ |
|---|---|---|---|---|---|---|---|---|---|
| (-) | (% / mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| 1 | 5 / 62,5 | 59 | 1250 | 750 | 6,0 | 332,5 | 105 | 85 | 6,0 / 6,0 |

## Material properties

| Part | E | $f_y$ | $f_u$ | $\varepsilon_u$ |
|---|---|---|---|---|
| (-) | $(N/mm^2)$ | $(N/mm^2)$ | $(N/mm^2)$ | (%) |
| Plate | 210 341 | 334 | 442 | 14,8 |
| Stiffener | 210 329 | 333 | 457 | 16,3 |




## Results

| $F_{max}$ (kN) | Type of failure (-) |
|---|---|
| 908 | buckling |

