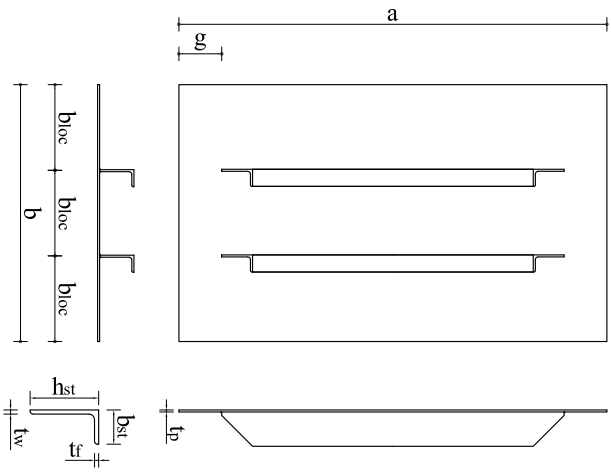
# Specimen: V_n2_g20_lsw_open

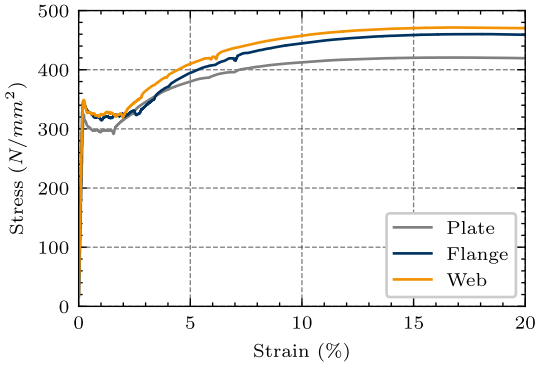
## Geometry




| n | $g_{nom}$ | $g_{real}$ | a | b | $t_{p,real}$ | $b_{loc}$ | $h_{st}$ | $b_{st}$ | $t_{st,w,real}$ | $t_{st,f,real}$ |
|---|---|---|---|---|---|---|---|---|---|---|
| (-) | (% / mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| 2 | 20 / 250 | 247 | 1250 | 750 | 6,1 | 250 | 50 | 30 | 5,2 / 5,2 | 5,0 / 5,0 |

## Material properties

| Part | E | $f_y$ | $f_u$ | $\varepsilon_u$ |
|---|---|---|---|---|
| (-) | $(N/mm^2)$ | $(N/mm^2)$ | $(N/mm^2)$ | (%) |
| Plate | 205 628 | 302 | 419 | 16,8 |
| Web | 217 273 | 472 | 462 | 17,6 |
| Flange | 204 289 | 332 | 460 | 17,7 |




## Results

| $F_{max}$ | Type of failure |
|---|---|
| (kN) | (-) |
| 537 | buckling |

