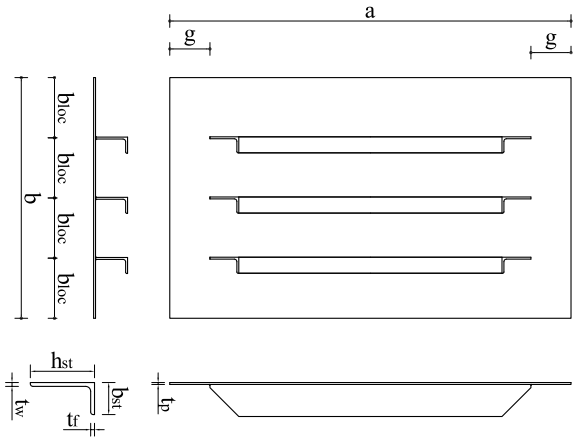
Specimen: V_n3_g05_lss2_open

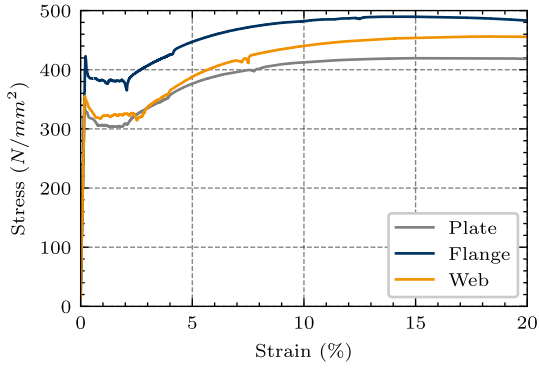
Geometry



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)
3	5 / 62,5	63	1250	750	6,1	187,5	100	50	5,9 / 5,9 / 6,0	5,8 / 5,9 / 5,8

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	204 656	304	430	16,0
Web	202 547	327	473	18,2
Flange	204 333	382	496	14,3



Results

F_{max}	Type of failure
(kN)	(-)
1043	weld fracture

