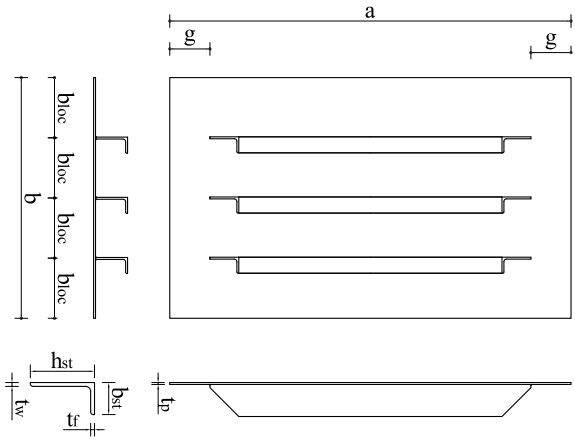
Specimen: V_n3_g05_lss1_open

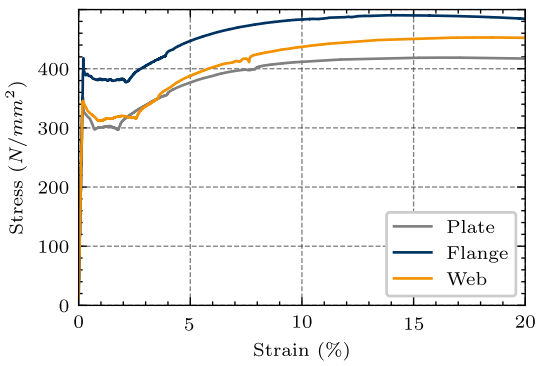
Geometry



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	61	1250	750	6,3	187,5	100	50	6,1 / 6,2 / 6,1	5,9 / 6,0 / 6,0

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	214 822	323	419	16,3
Web	217 682	332	453	18,1
Flange	204 907	387	490	14,3



Results

F_{max}	Type of failure
(kN)	(-)
1173	weld fracture

Unfortunately, no DIC-results have been recorded.