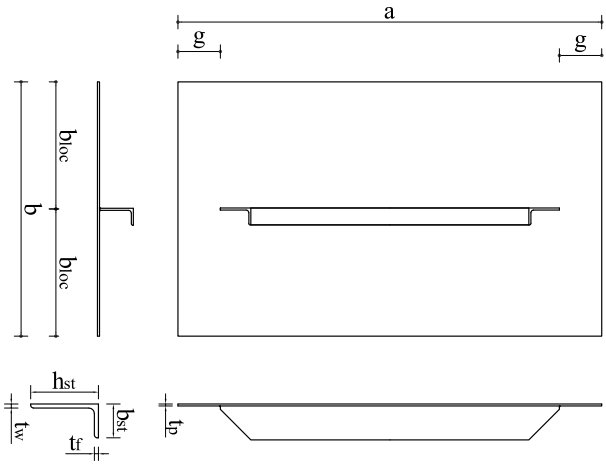
Specimen: V_n1_g20_lss_open

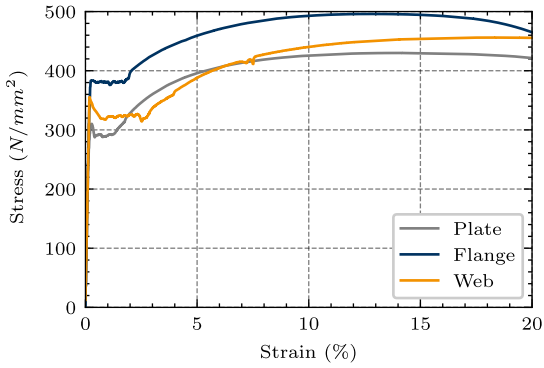
Geometry



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)
1	20 / 250	251	1250	750	6,1	375	100	50	5,9	5,8

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	205 424	304	430	17,5
Web	202 547	337	456	18,4
Flange	204 333	382	496	13,7



Results

F_{max}	Type of failure
(kN)	(-)
437	buckling

