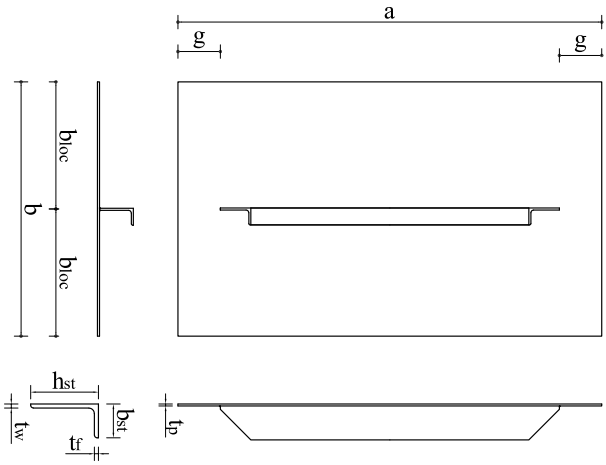
Specimen: V_n1_g20_lsw1_open

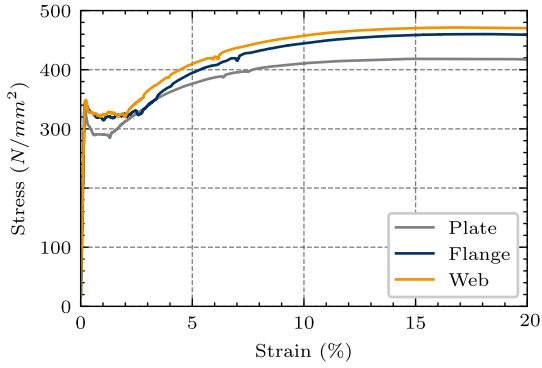
Geometry



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	248	1250	750	6,1	375	50	30	5,1	5,1

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	211 233	307	417	15,8
Web	217 273	328	460	17,6
Flange	204 286	332	460	17,7



Results

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

