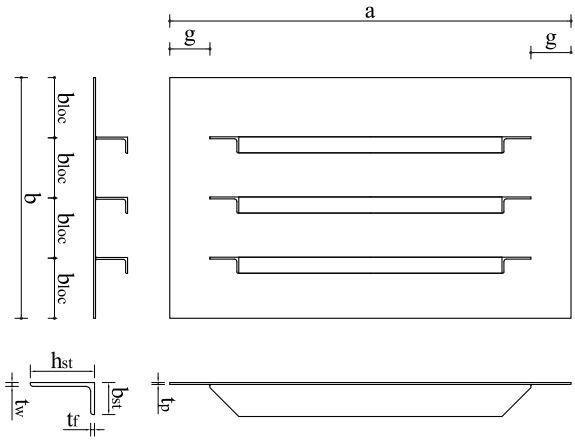
Specimen: V_n3_g20_lsw_open

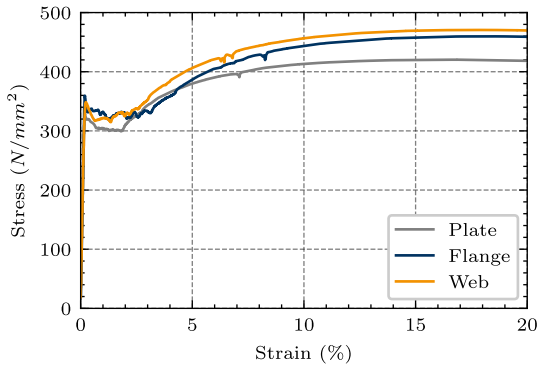
Geometry



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)
3	20 / 250	251	1250	750	6,1	187,5	50	30	5,4 / 5,4 / 5,2	5,0 / 5,2 / 5,0

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	211 251	308	418	15,8
Web	212 893	338	471	17,5
Flange	208 178	333	460	17,8



Results

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

