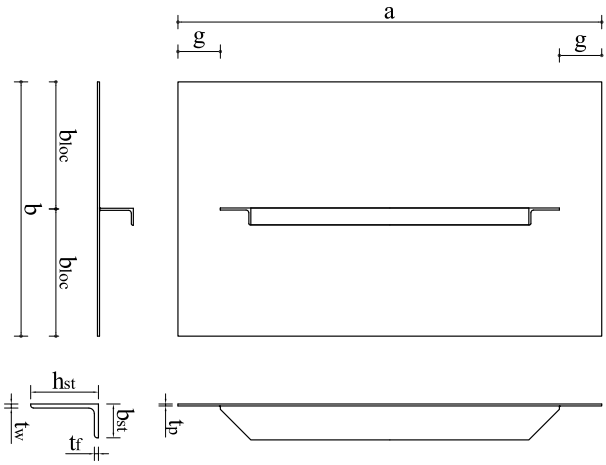
Specimen: V_n1_g10_lsw_open

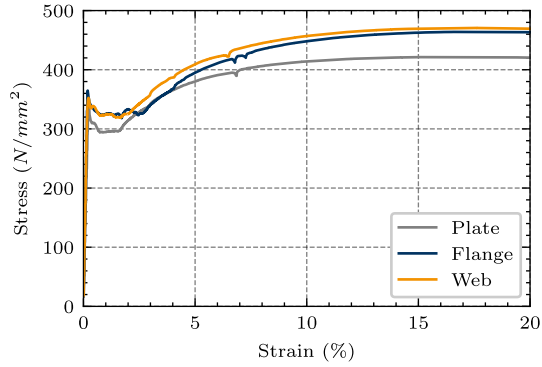
Geometry



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)
1	10 / 125	123	1250	750	6,1	375	50	30	5,4	5,1

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	209 679	309	420	16,7
Web	204 828	335	471	17,5
Flange	206 076	338	464	17,7



Results

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

