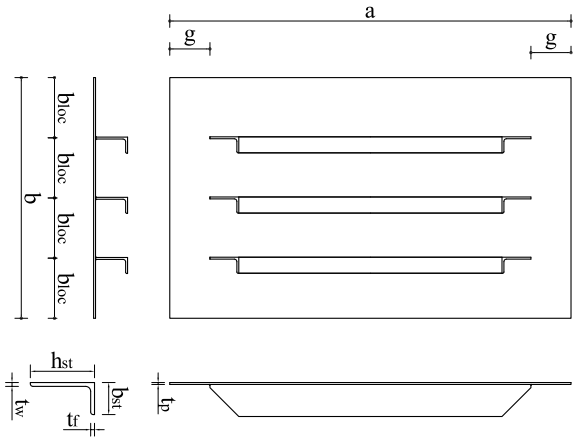
Specimen: V_n3_g10_lsw_open

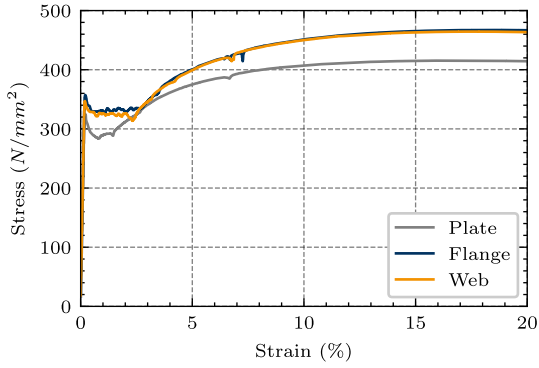
Geometry



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)
3	10 / 125	123	1250	750	6,1	187,5	50	30	5,6 / 5,5 / 5,5	5,1 / 5,2 / 5,2

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	211 625	301	415	16,6
Web	215 861	337	467	17,8
Flange	213 262	341	465	17,9



Results

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

