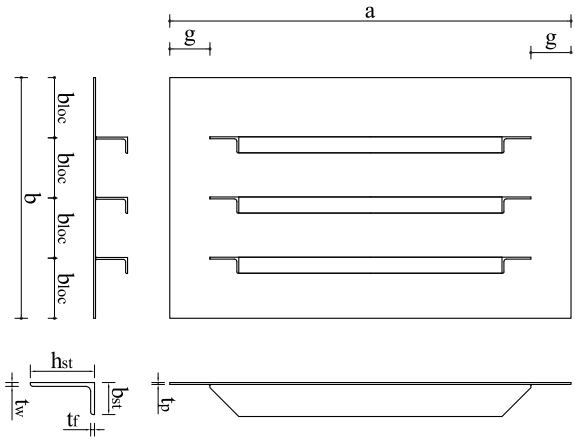
Specimen: V_n3_g05_lsw_open

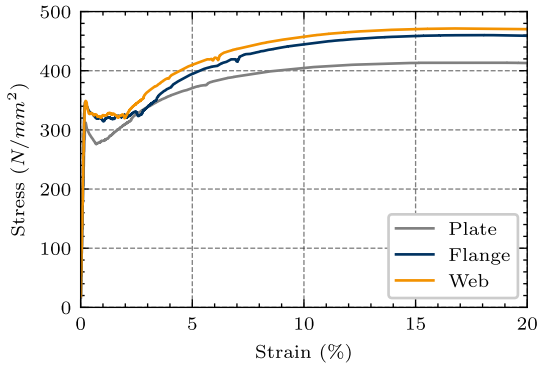
Geometry



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	5 / 62,5	62	1250	750	6,1	187,5	50	30	5,6 / 5,5 / 5,4	5,4 / 5,1 / 5,1

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	213 761	297	415	16,9
Web	217 273	328	472	17,7
Flange	204 286	332	460	17,6



Results

F_{max}	Type of failure
(kN)	(-)
1073	weld fracture

