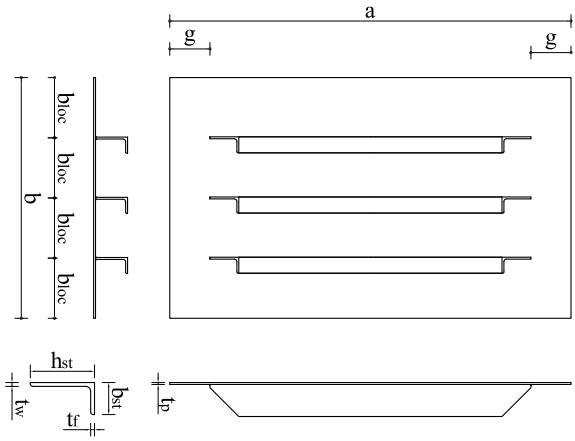
Specimen: V_n3_g10_lss_open

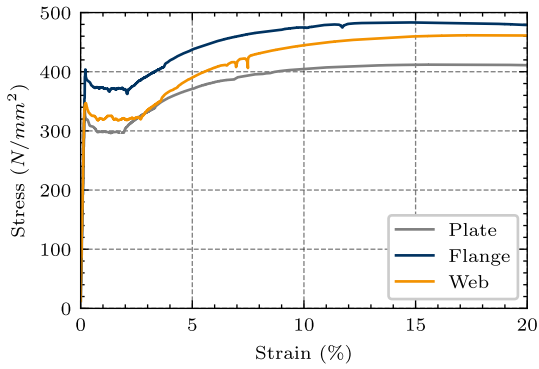
Geometry



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	125	1250	750	6,0	187,5	100	50	5,9 / 5,9 / 5,9	5,8 / 5,9 / 5,8

Material properties

Part	E	f_y	f_u	ε_u
(-)	(N/mm^2)	(N/mm^2)	(N/mm^2)	(%)
Plate	205 659	313	414	16,4
Web	213 331	331	462	18,1
Flange	213 258	383	483	14,9



Results

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

