















					Mesh convergence study
Number of Elements	Flange Divisions	Web Divisions	Length Divisions	F <sub>ULT</sub> (kN)	
664	4	4	50	53.19	
1044	6	6	50	54.16	60.00
1192	6	8	50	53.71	
2192	6	8	100	56.78	50.00
2920	8	10	100	56.11	40.00
3448	8	14	100	55.68	2
4600	20	20	50	53.25	¥ 30.00 → Mesh
4800	10	20	100	55.96	₽used
6800	10	20	150	55.99	20.00
7600	20	20	100	55.46	10.00
10600	20	20	150	55.97	
19200	20	40	200	55.64	0.00
					Number of Shell elements
2440 (use <u>d)</u>	6	10	100	56.19	



















