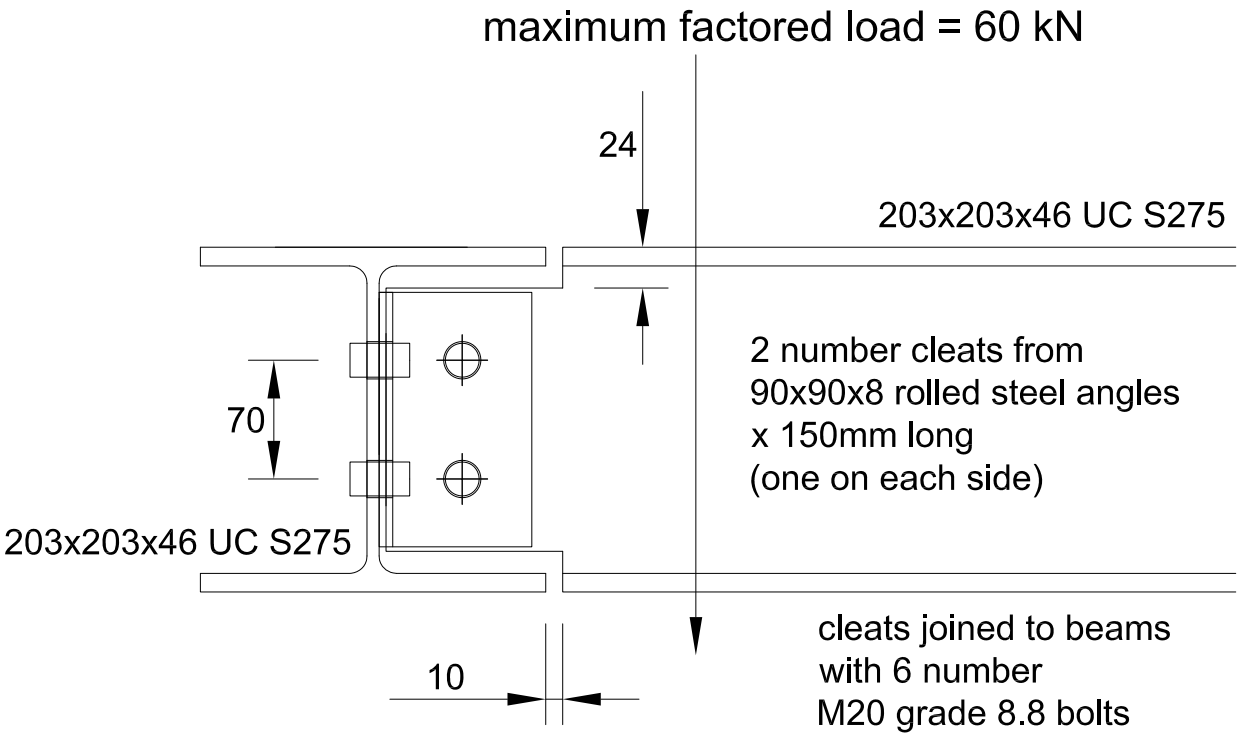
Connection Detail 203x203x46 UC



Bearing Capacity of M20 bolt passing through 7.2mm thick S275 steel = 60.6 kN

2 x 60.6 kN = 121.2 kN > 60 kN therefore OK

Shearing Resistance of M20 grade 8.8 bolt = 188 kN

2 x 188 kN = 376 kN > 60 kN therefore OK

Values from P363 Steel Building Design: Design Data, In accordance with Eurocodes and the UK National Annexes.