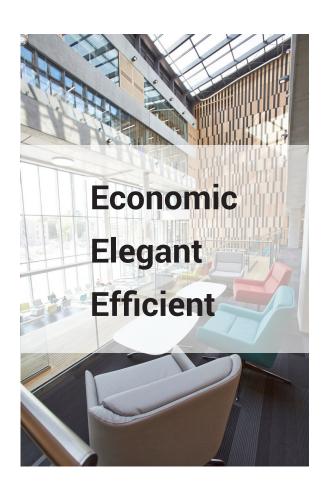
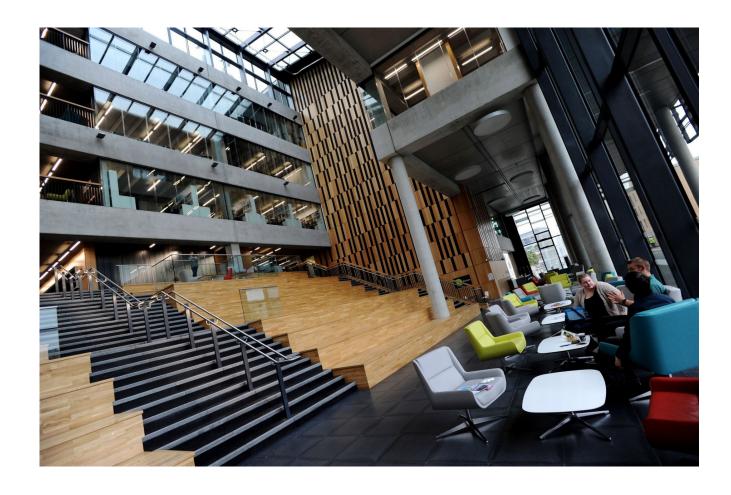


BSF
Beam-column
Beam-beam
Beam-wall





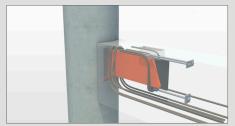


BSF connections

IC Beam-column connections; BSF provides clean and elegant solutions.

Benefits of using BSF:

- Columns without corbels/supports, freedom to design.
- Economical by beam-beam connections and Gerber connections.
- Simple form works by multiple beams onto a column.
- Adaptable angles.
- · Can use doble connections.
- · Elegant solution for round columns.
- CE mark/ETA approval.
- Load from beam transmitted to the inside of the column.
- · Simple and safe to erect on site.
- · Simple fire protection.





BSF provides an efficient and elegant solution to connect beams to circular columns.



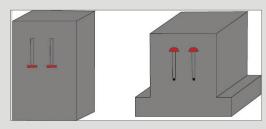
T-connection of the secondary beam to main beam.



Beam to beam; Gerber connection.



Adaptable angles.



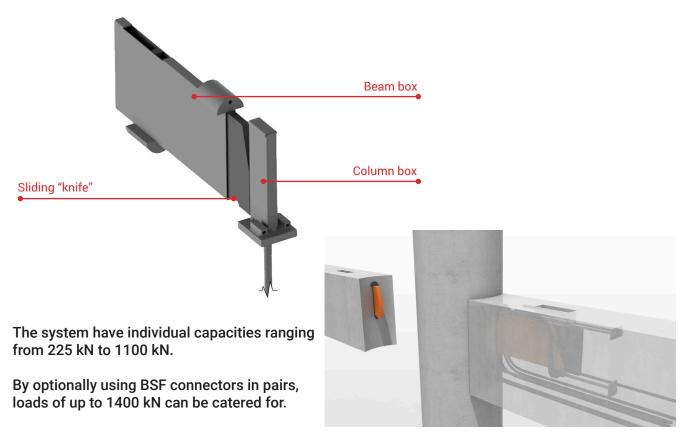
As an alternative to one large connection, BSF also can be used in pairs to achieve great vertical load capacity.

BSF Connections

Beam box; This is cast into the beam which is being supported.

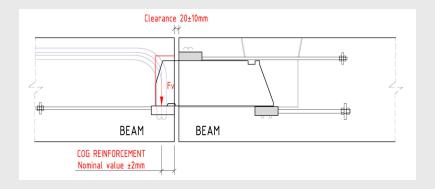
Column box; This is cast into the column, or secondary beam.

Sliding "knife"; This solid steel member actually carries the load from one member to another.



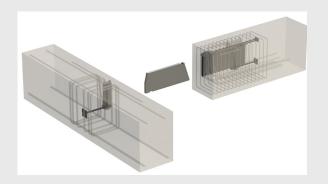
Unit	Description	Capacity	Min Beam dimension
BSF 225	Beam Column Connection	225	190 x 370
BSF 300	Beam Column Connection	300	190 x 420
BSF 450	Beam Column Connection	450	190 x 440
BSF 700	Beam Column Connection	700	310 x 500
BSF 450 x 2	Beam Column Connection	900	350 x 440
BSF 1100	Beam Column Connection	1100	310 x 590
BSF 700 x 2	Beam Column Connection	1400	600 x 500

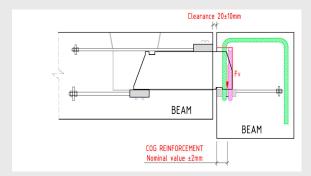
Beam - beam, cantilever



For more information, see memo 525 at WWW.INVISIBLECONNECTIONS.NO

Beam - beam and T-connections





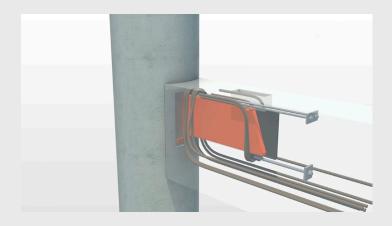
For more information, see memo 526 at WWW.INVISIBLECONNECTIONS.NO

CE Mark / ETA approved product

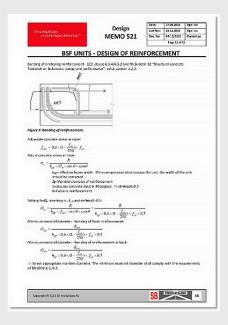


The BSF connections are CE marked and ETA approved

Standard reinforcement

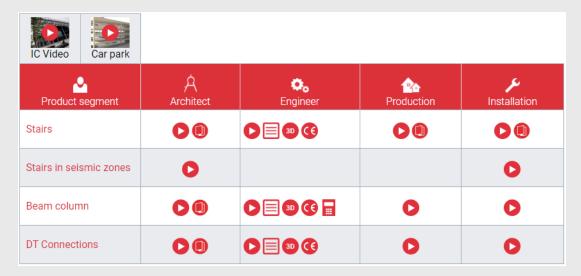


Standard reinforcement, see MEMO 521-527 at WWW.INVISIBLECONNECTIONS.NO



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References







