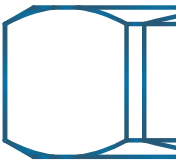


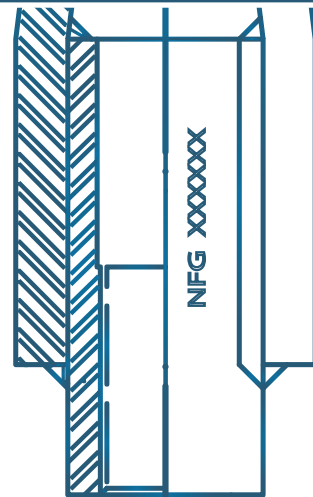


NORDIC FASTENING GROUP AB



STEEL CONSTRUCTION CATALOGUE

TENSION ROD SYSTEMS 8.8



OVERVIEW

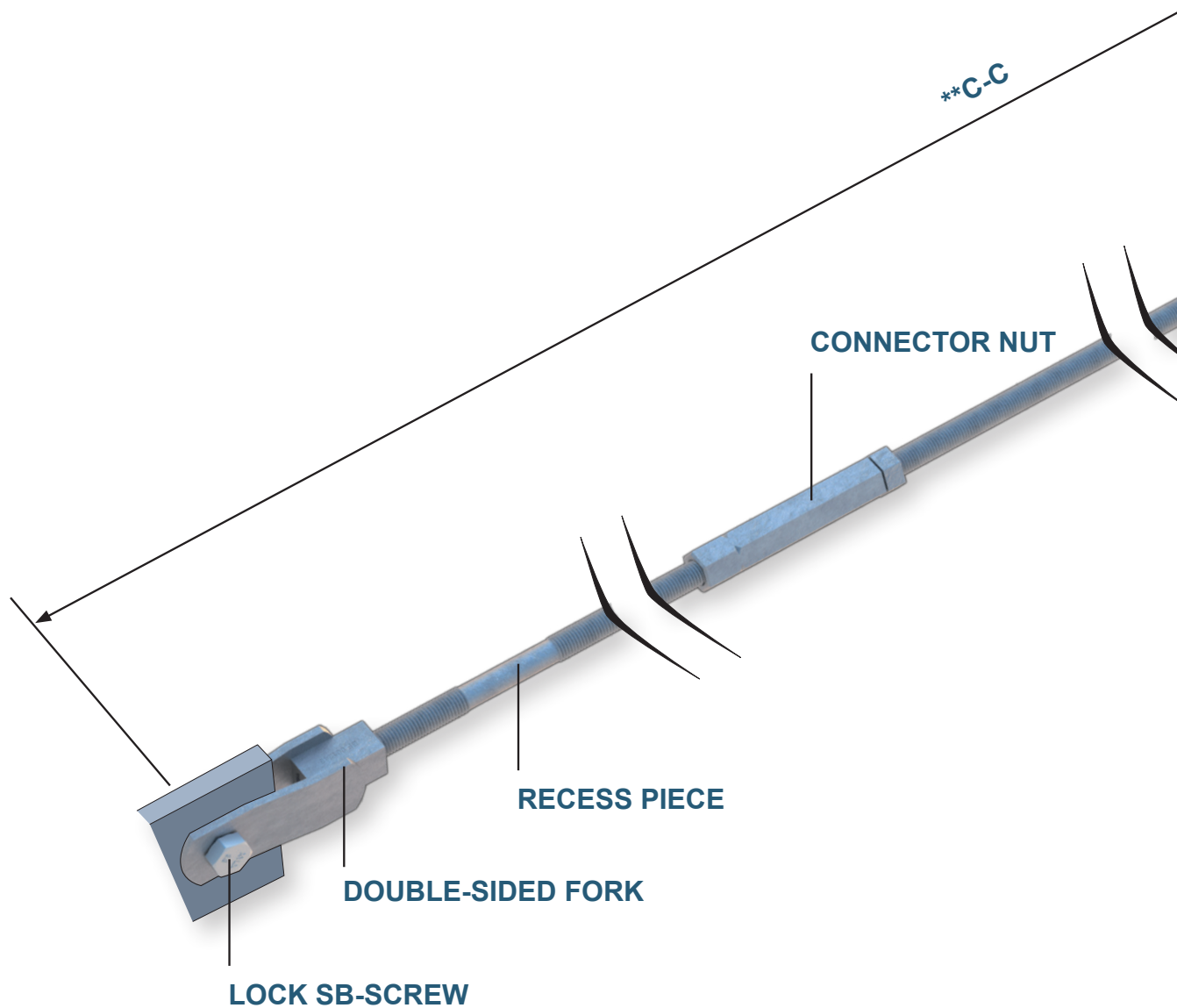
TENSION ROD SYSTEMS

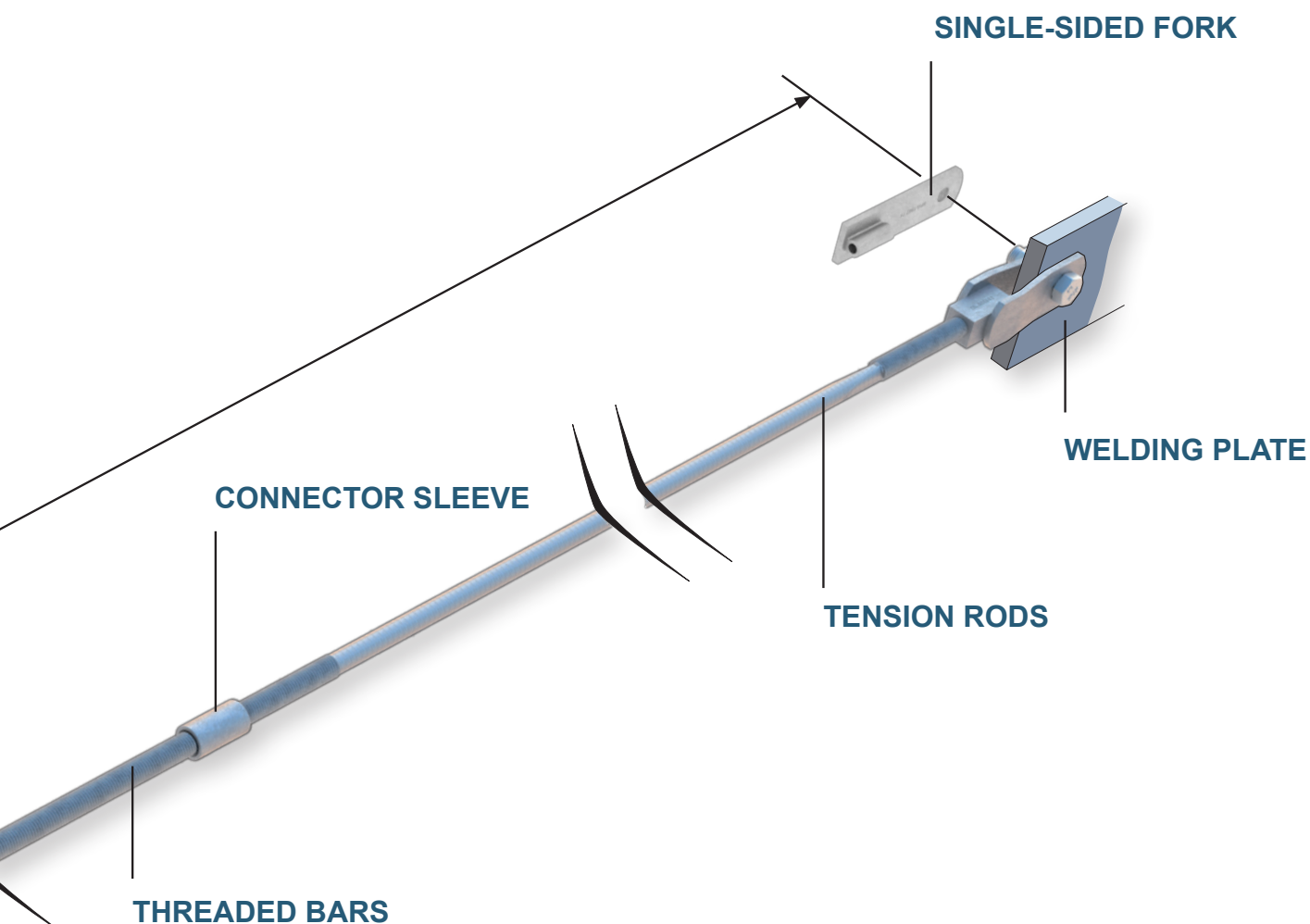
ORDERING

When ordering a precut system, specify the **c-c mesure between the centre holes on the forkheads.



2296 / CPR / 695





Dimension	Elongation limit, N/mm ²	Breaking force *N _{ruk} , kN	Elongation force *N _{ruk} , kN
M12	640	70	54
M16	640	130	100
M20	640	203	157
M24	640	293	226
M30	640	466	359

Recommended lock bolts for		
Forkhead	Double-sided forkhead	Single-sided forkhead
	EN 14399-4 SB 10.9 HDG Incl. nut EN 14399-4	Lock bolt 8.8 CE
System dimensions	Dimensions	Dimensions
M12	-	M16
M16	M16x55	M20
M20	M20x65	M24
M24	M20x65	M30
M30	M27x80	-

*The values refer to the characteristic capacity of the rod. The system needs to be dimensioned according to Eurocode. For further information, contact our technical department.

WELDING PLATES FOR DOUBLE-SIDED FORKHEAD

Material: S355J2

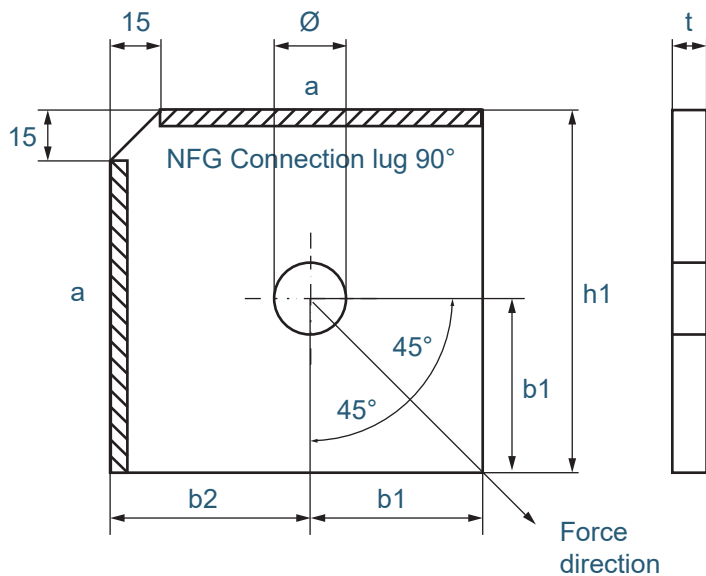
Welded joint applies to static load.

Dimensioning of the welded joint does not take account of tension in the thickness direction of the base material. a = welded joint

Dim	t (mm)	b1 (mm)	b2 (mm)	Ø (mm)	h1 (mm)	h2 (mm)	a (mm)
M16	12	50	60	18	110	110	5
M20	12	50	60	22	110	150	5
M24	12	60	70	22	130	170	6
M30	15	75	80	29	155	255	6

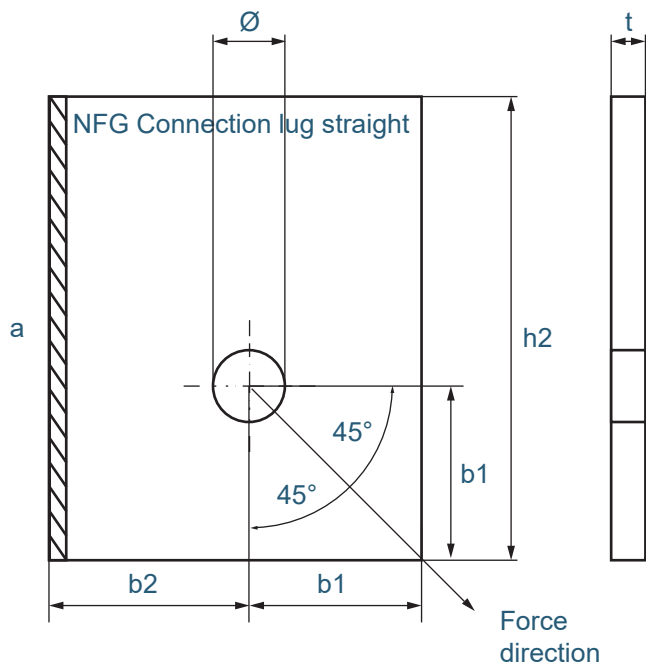
CONNECTION LUG 90°.

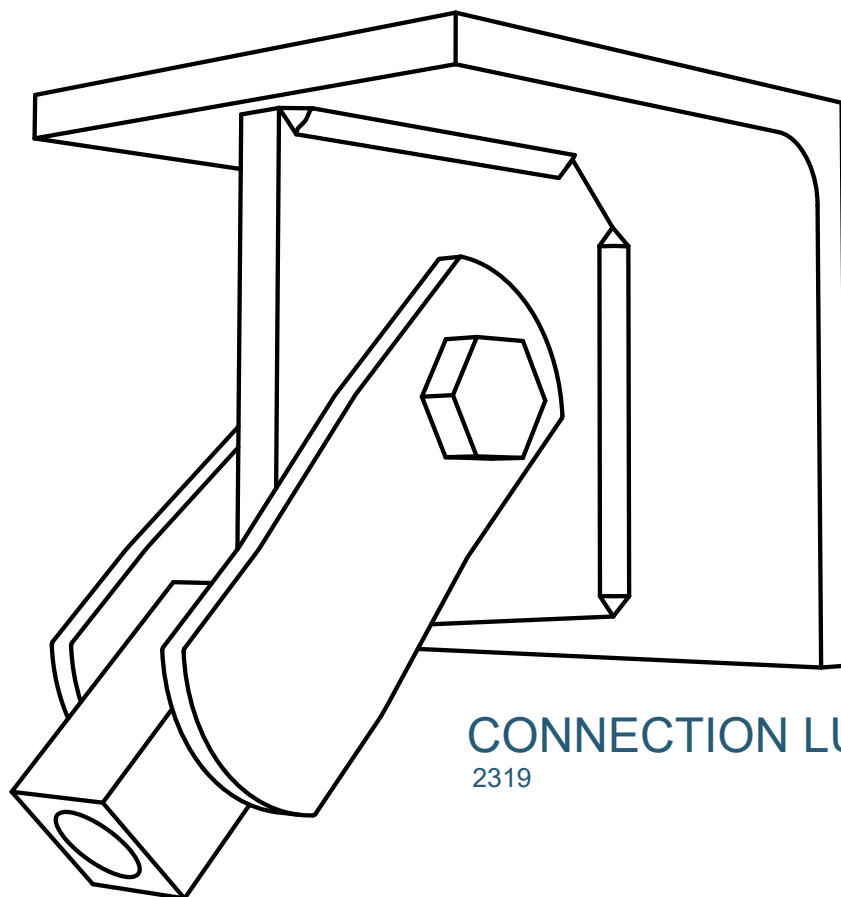
2319



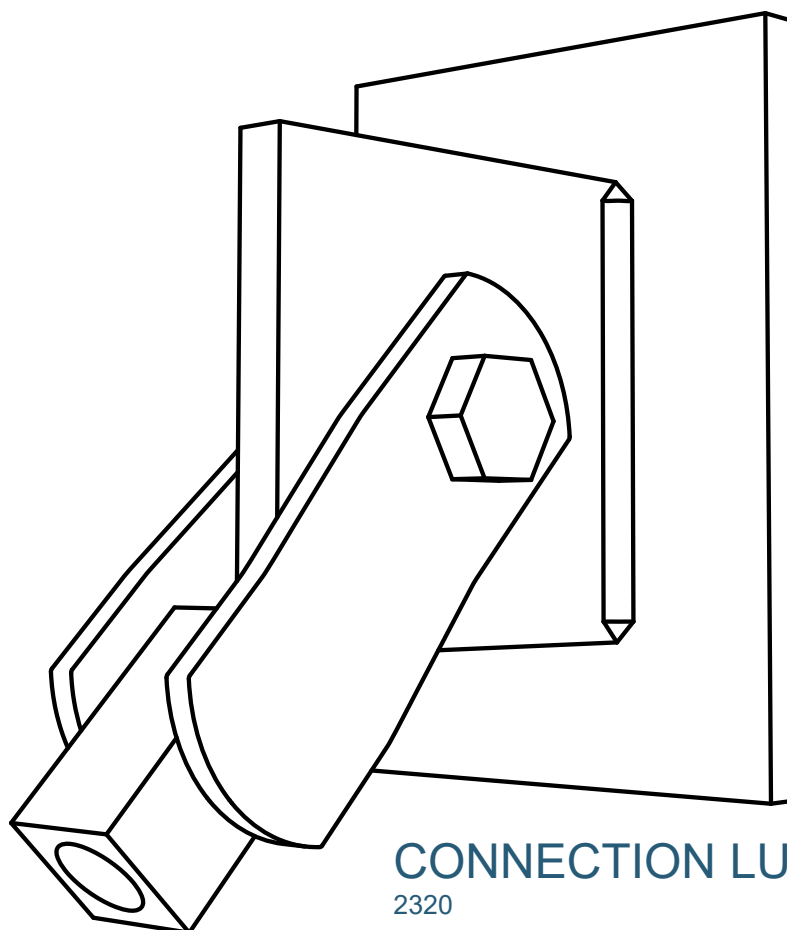
CONNECTION LUG STRAIGHT

2320





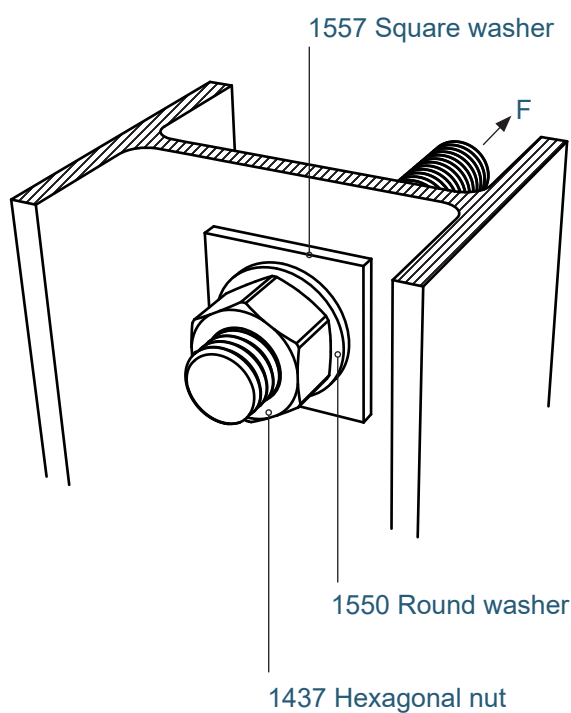
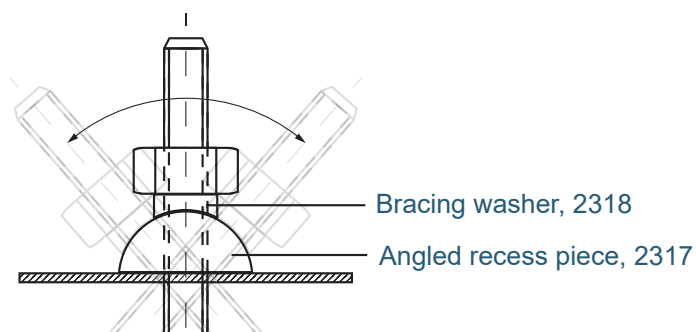
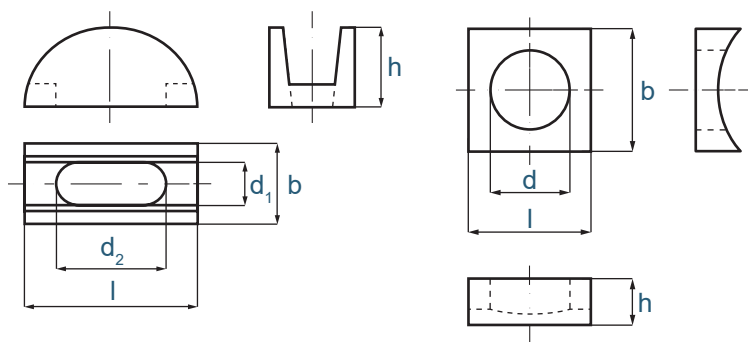
CONNECTION LUG 90°.
2319



CONNECTION LUG STRAIGHT
2320

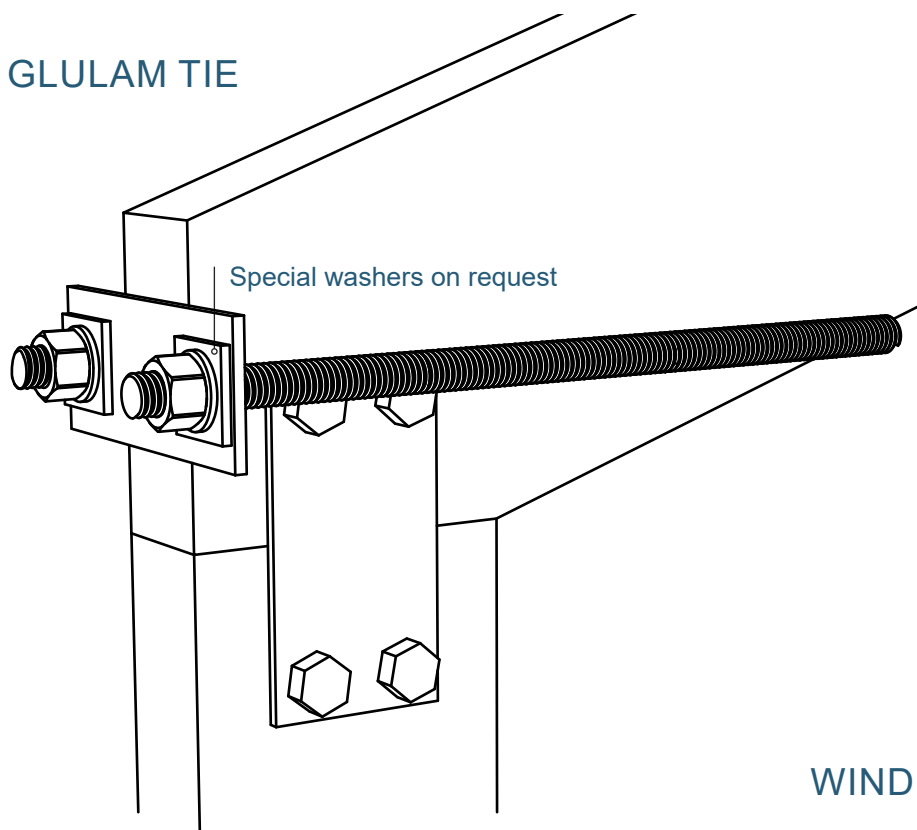
DIAGONAL BRACING SYSTEM HDG

For connections without a forkhead.

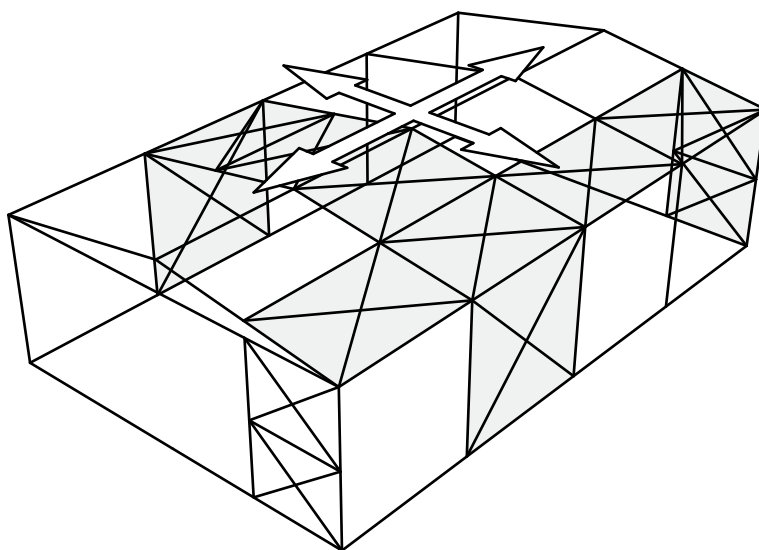


ALTERNATIVE BRACING SOLUTIONS

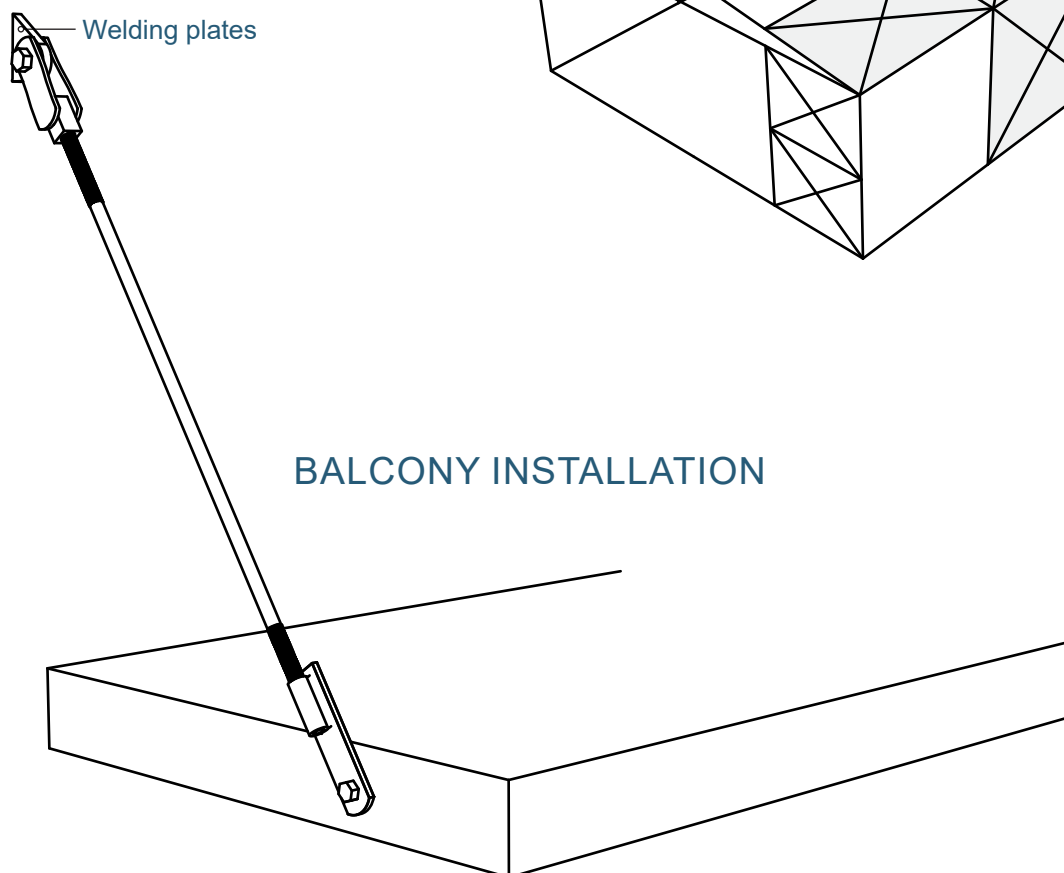
GLULAM TIE



WIND CROSS STABILISATION



Welding plates



BALCONY INSTALLATION