

Stiffening Pc-Coat



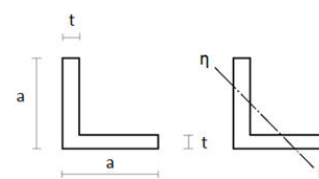
Stiffening angle for use with wall bolts, technical bolts and PE foam bolts. Use in accordance with the consultant's directions to stiffen bolts longer than the specified length. The standard distance between holes is 250 mm. For angles 90x90x10 and 125x125x12 and 160x160x14, c-c distance between the holes for the L-brackets is 125 mm. This fulfils the requirement for a maximum distance of 150 mm from the outer L-bracket to the wall element/rock face in a simple manner. Between the outer points of the stiffening angle, L-brackets may be installed with a c-c distance of 250 mm. The maximum tightening torque for M12 angle bolt is 70-80 Nm.

Stock programme:		Corresponding L-bracket:	Fits rebar bolt:	Fits HGS
Angle 50x50x5	L=5750	M10x46	Ø16 og Ø20	M20
Angle 70x70x7	L=5750	M12x72	Ø20	M20 og M24
Angle 90x90x10	L=5750	M12x72,	Ø25 og Ø32	M27, M30 og M33
Angle 125x125x12	L=5750	M12x72, M12x80/90	Ø25 og Ø32	M27, M30 og M33
Angle 160x160x14	L=5750	M12x72, M12x80/90	Ø25 og Ø32	M27, M30 og M33

Technical information:

Materiale S235JR (Q235B)

Dimensions:	Weight:	Tension Area:	Moment of inertia: Bending moment η - η cm ⁴
50x50x5:	4,06 kg/m	480,3 mm ²	4,5 cm ⁴
70x70x7:	7,53 kg/m	942,4 mm ²	17,5 cm ⁴
90x90x10:	13,90 kg/m	1716,7 mm ²	52,9 cm ⁴
125x125x10:	21,60 kg/m	2891,2 mm ²	172 cm ⁴
160x160x14:	33,99 kg/m	4329,6 mm ²	426 cm ⁴



Corrosion protection/Pc-Coat

Hot-dip galvanization is carried out in compliance with NS-EN-ISO 1461 and epoxy powder coating in compliance with NS-EN 13438. With regard to coating thickness and further information, please see Document Q/PTC-T19A – Specification for Pc-Coat – SVV/JBV.

Please also refer to the Pc-Coat Product Data Sheet and accompanying FDV documentation.

Accessories:

Angle bolt M10x46, M12x72, and M12x80/90 EN 1.4404 (AISI 316), see separate data sheet.