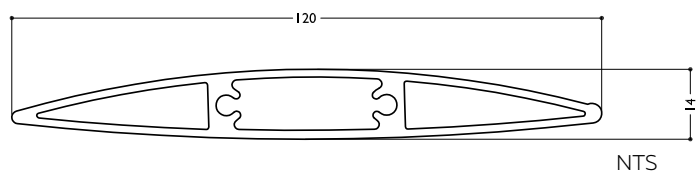


GROUP 2 LOUVRES

Airfoil Louvres: 120MM AIRFOIL & 180MM AIRFOIL LOUVRES

120MM AIRFOIL LOUVRE

Versatile range of design applications



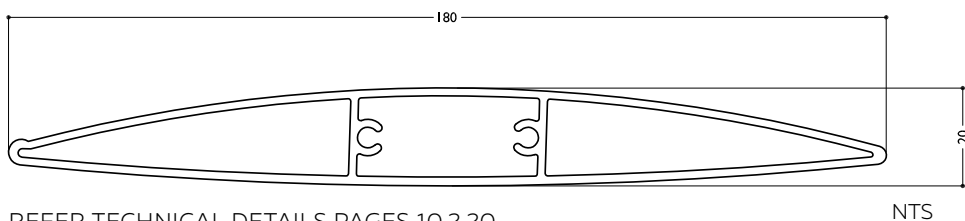
REFER TECHNICAL DETAILS PAGES 10.2.18



120MM AIRFOIL LOUVRE

180MM AIRFOIL LOUVRE

The largest Airfoil shaped louvre

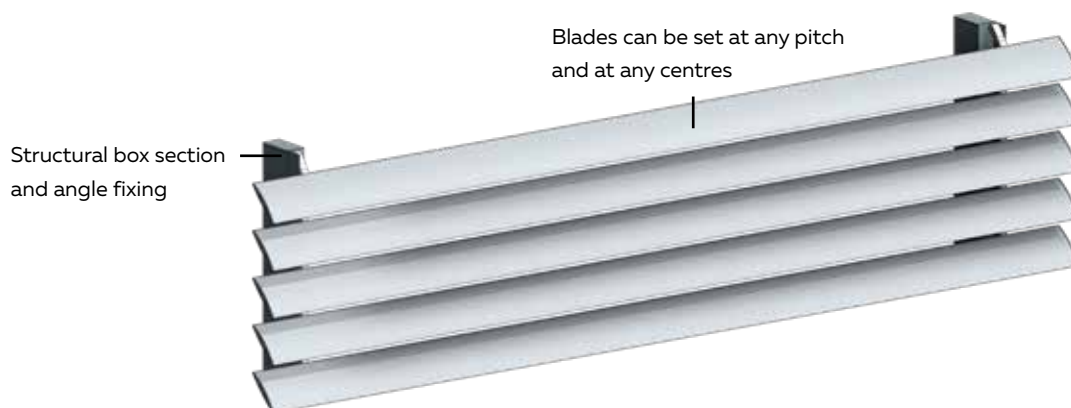


REFER TECHNICAL DETAILS PAGES 10.2.20



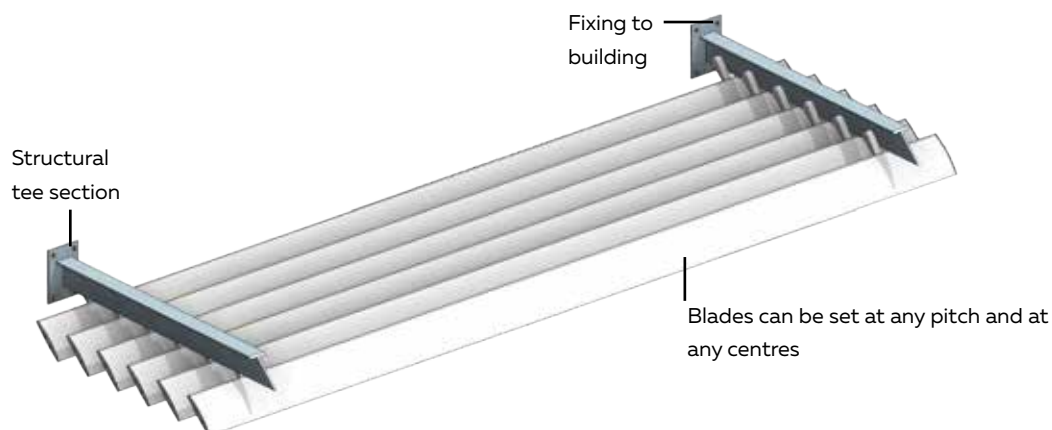
180MM AIRFOIL LOUVRE

TYPICAL DETAIL 120MM AIRFOIL BRACKET FIXED - VERTICAL PANEL



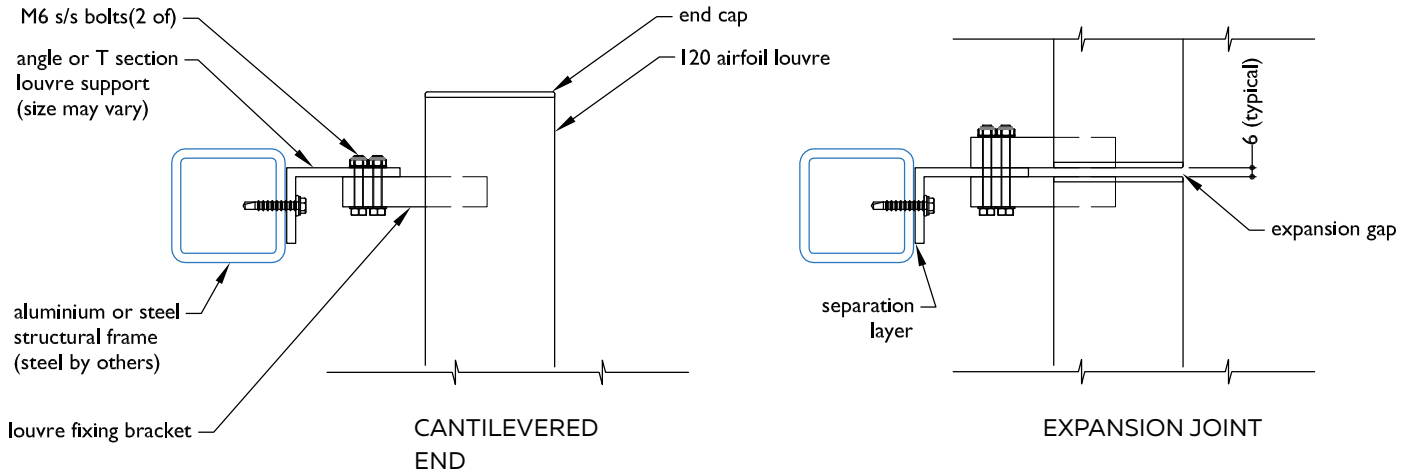
BRACKET FIXED VERTICAL PANEL - 120MM AIRFOIL HORIZONTAL LOUVRES

TYPICAL DETAIL 120MM AIRFOIL BRACKET FIXED LOUVRE - OVERHEAD PANEL

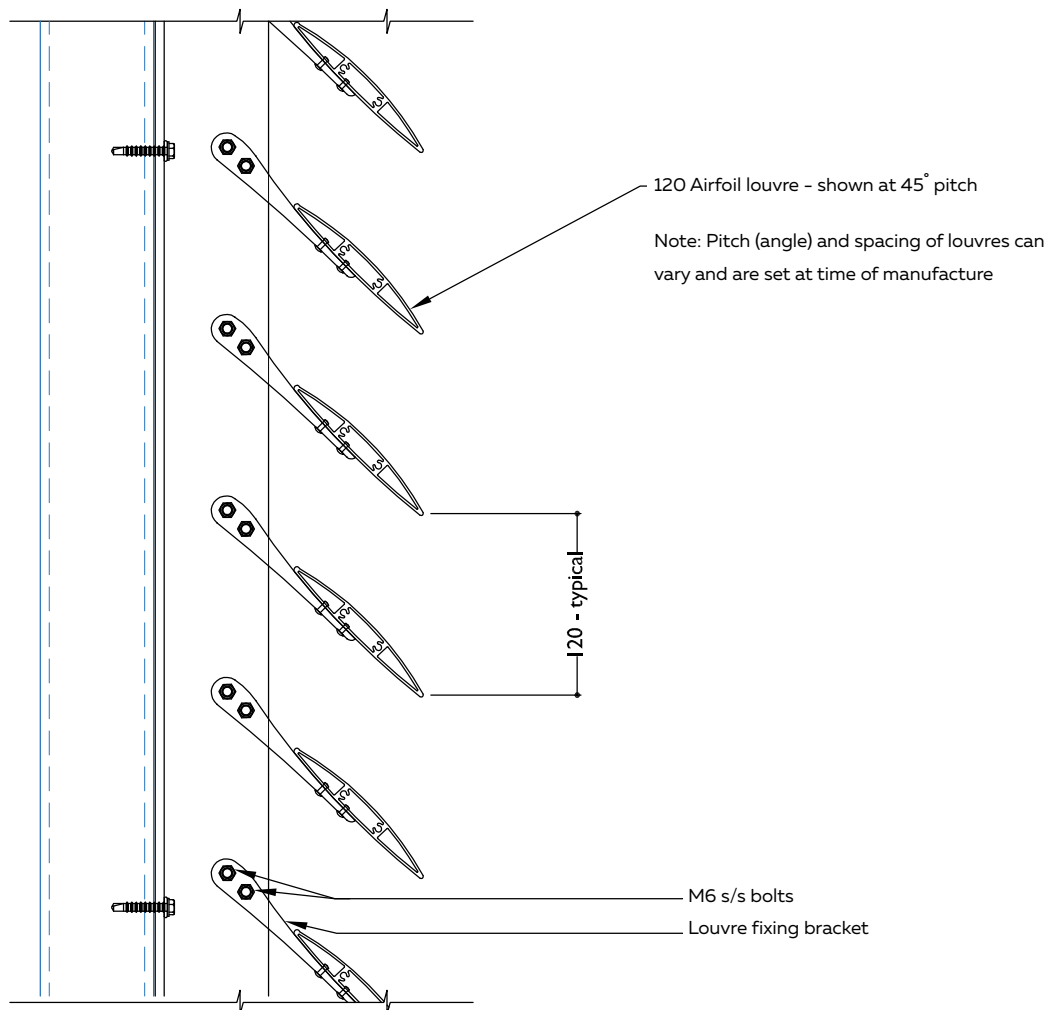


BRACKET FIXED OVERHEAD PANEL - 120MM AIRFOIL HORIZONTAL LOUVRES

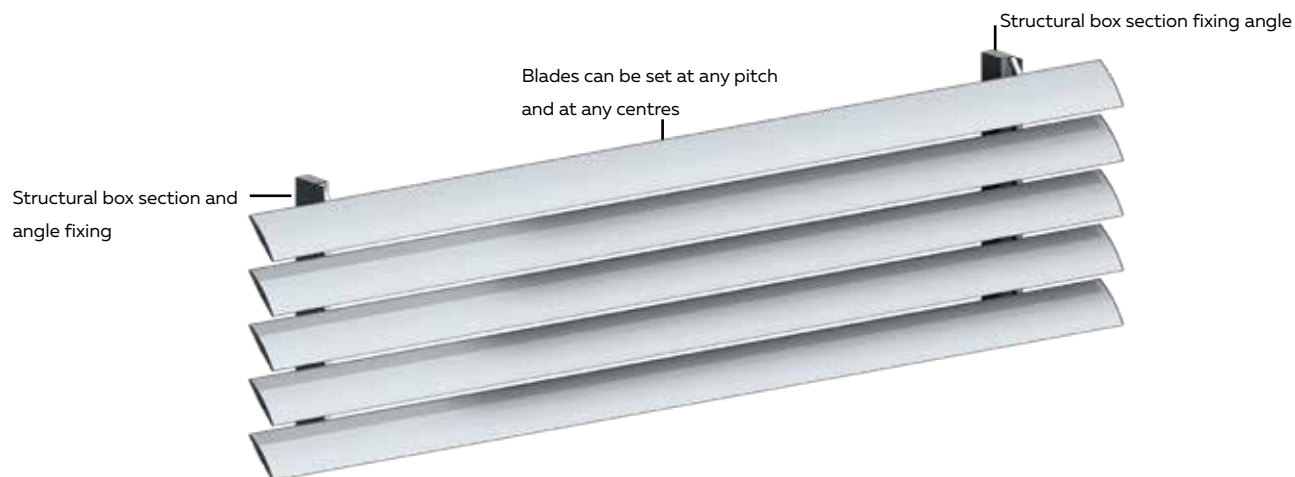
PLAN - BRACKET FIXED 120MM AIRFOIL LOUVRE



SECTION - BRACKET FIXED 120MM AIRFOIL LOUVRE

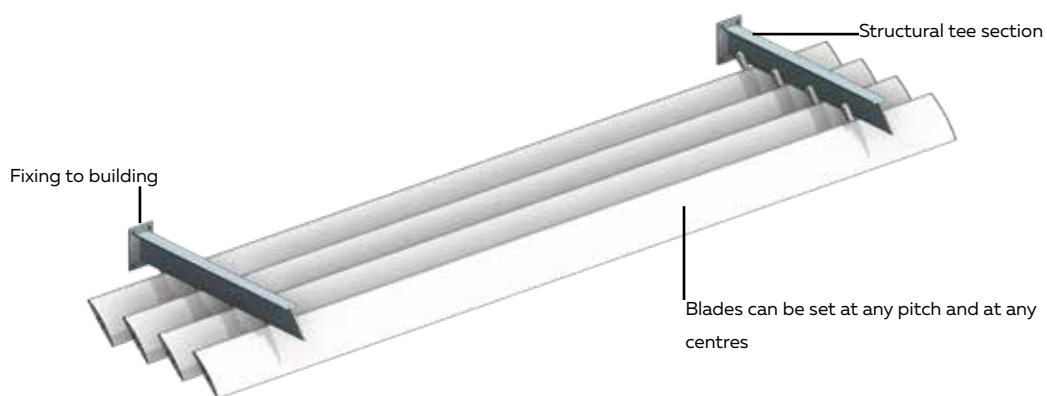


TYPICAL DETAIL 180MM AIRFOIL BRACKET FIXED LOUVRE - VERTICAL PANEL



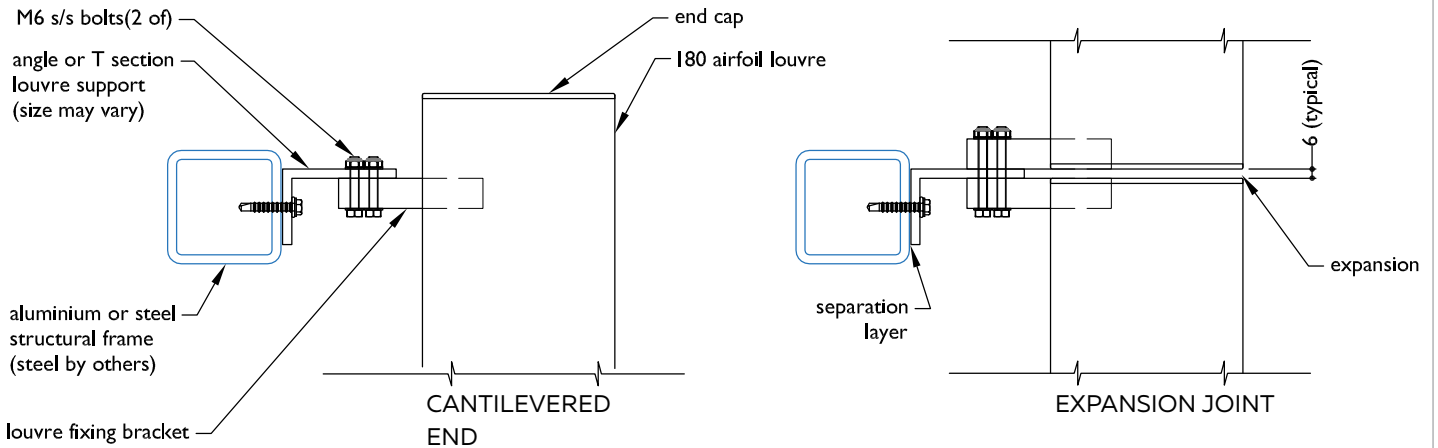
BRACKET FIXED VERTICAL PANEL - 180MM AIRFOIL HORIZONTAL LOUVRES

TYPICAL DETAIL 180MM AIRFOIL BRACKET FIXED LOUVRE - OVERHEAD PANEL

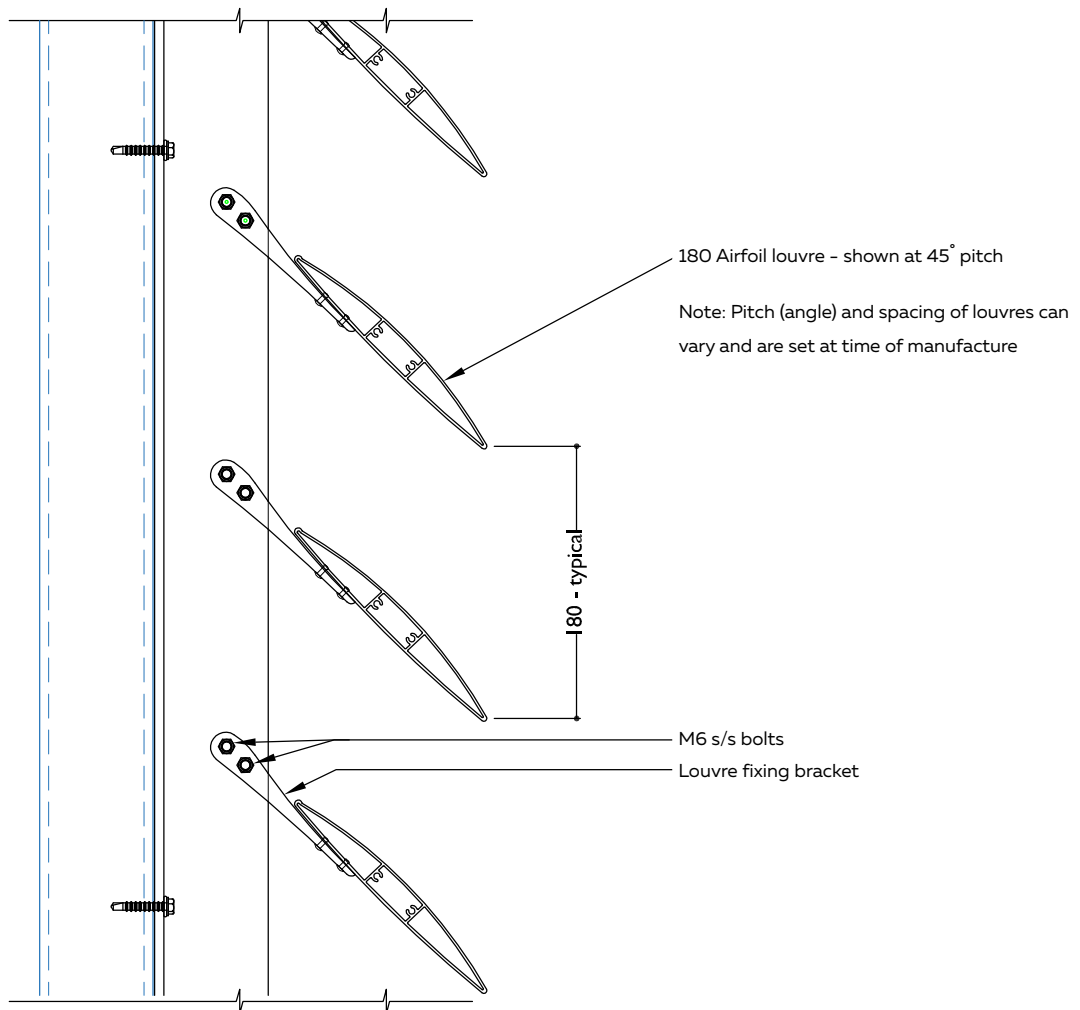


BRACKET FIXED OVERHEAD PANEL - 180MM AIRFOIL HORIZONTAL LOUVRES

PLAN - BRACKET FIXED 180MM AIRFOIL LOUVRE



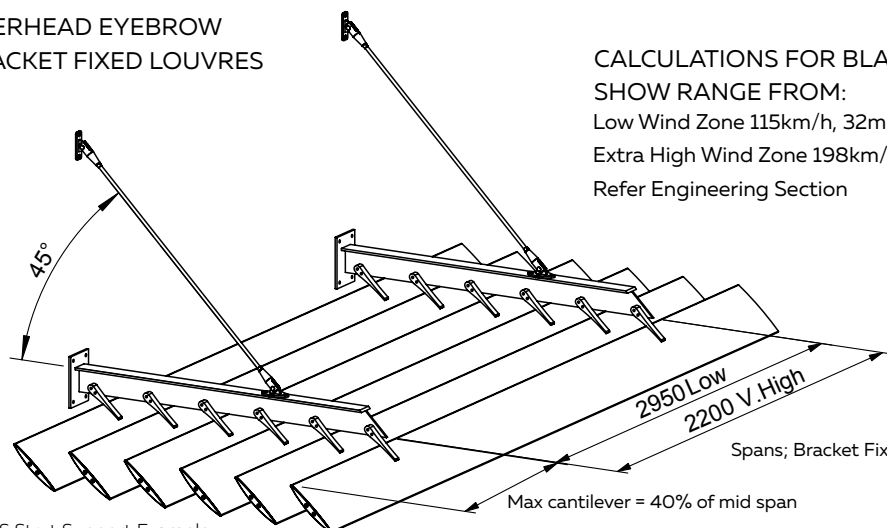
SECTION - BRACKET FIXED 180MM AIRFOIL LOUVRE



TYPICAL DETAIL : BRACKET FIXED OVERHEAD SUN LOUVRES

SPANS AT A GLANCE; 120MM AIRFOIL & 180MM AIRFOIL LOUVRES (GROUP 2 LOUVRES)

OVERHEAD EYEBROW
BRACKET FIXED LOUVRES



CALCULATIONS FOR BLADE SPANS

SHOW RANGE FROM:

Low Wind Zone 115km/h, 32m/s to

Extra High Wind Zone 198km/h, 55 m/s

Refer Engineering Section

KEY

LF = Free span

LS15 = Strut @ 15°

LS30 = Strut @ 30°

LS45 = Strut @ 45°

Plain Column:

Low - Med Wind Zone.

Up to 133Km/h - 37m/s

Shaded Column:

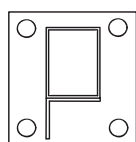
High - VHigh Wind Zone.

Up to 179Km/h - 50m/s

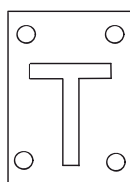
Ø20 SS Strut Support Example
Strut at Optimum 45° angle

TYPICAL DETAIL : BRACKET FIXED OVERHEAD WALL STRUTS

SPANS AT A GLANCE; 120MM AIRFOIL, 180MM AIRFOIL & 200MM MAXI LOUVRES (GROUP 2 LOUVRES)

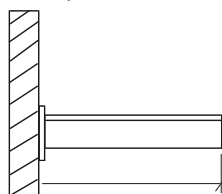


Base Plate:
150 x 100 x 6mm
Box Section:
75 x 50 x 2.5mm
Angle:
50 x 50 x 3mm



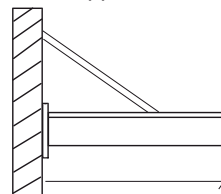
Base Plate: 120 x 100 x 6mm
"T" Section: 75 x 50 x 6mm

Free Span



LF	LF
500	500

Strut Support

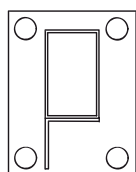


Strut Ø16mm
Stainless steel

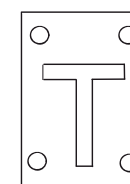
LS15	LS15
800	600

LS30	LS30
900	700

LS45	LS45
900	700

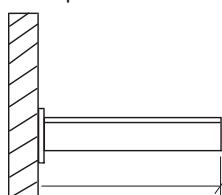


Base Plate:
225 x 100 x 6mm
Box Section:
100 x 50 x 3mm
Angle:
50 x 50 x 6mm



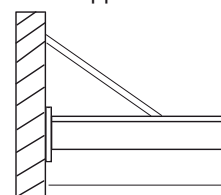
Base Plate: 170 x 100 x 6mm
"T" Section: 100 x 50 x 6mm

Free Span



LF	LF
700	600

Strut Support

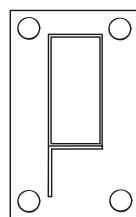


Strut Ø20mm
Stainless steel

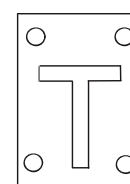
LS15	LS15
1100	900

LS30	LS30
1200	1000

LS45	LS45
1300	1000

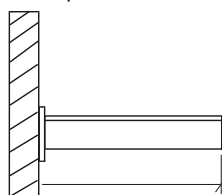


Base Plate:
275 x 100 x 6mm
Box Section:
150 x 50 x 3mm
Angle:
50 x 50 x 6mm



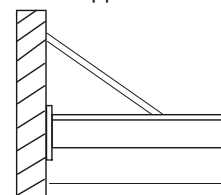
Base Plate: 170 x 100 x 6mm
"T" Section: 100 x 50 x 6mm

Free Span



LF	LF
1000	900

Strut Support



Strut Ø42mm
Stainless steel

LS15	LS15
1400	1100

LS30	LS30
1600	1300

LS45	LS45
1700	1400