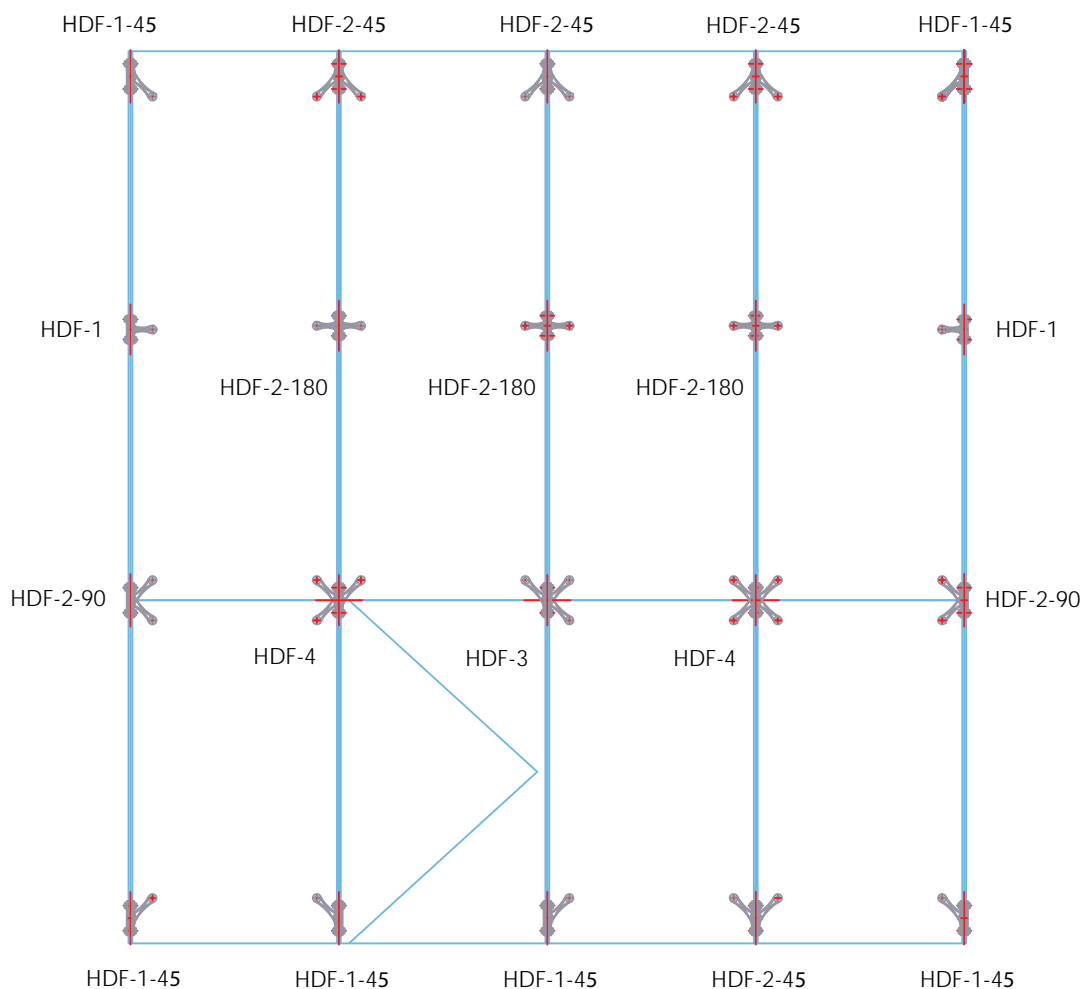


Heavy Duty Fin Fixed Range

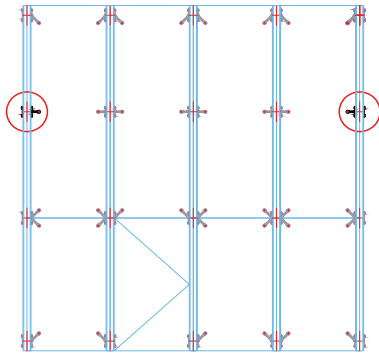
The Affix HDF Range of Spider Fittings are suitable for a variety of applications - most commonly glass facades.

The HDF Range can also be used for other glass applications including balustrading, glass pool fencing or canopies.

Product	Page Numbers
HDF-1	H2&3
HDF-1-45	H4&5
HDF-2-45	H6&7
HDF-2-90	H8&9
HDF-2-180	H10&11
HDF-3	H12&13
HDF-4	H14&15

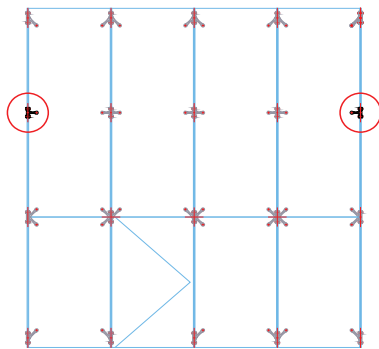


HDF-1 Range



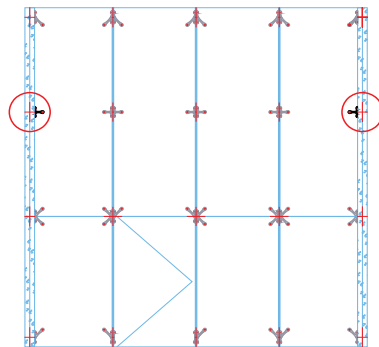
1 ARM SUIT RHS/SHS BOX SECTIONS - NO THREAD HDF-1-N

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request



1 ARM SUIT GLASS OR STEEL FIN MEMBER - THREAD HDF-1-10/12/15/19T

- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10, 12, 15 & 19mm thick
- Can be adapted to suit thicker structural fins request.
- A4-70, M10 all thread and isolating nylon bushing supplied as standard



1 ARM SUIT WALL SUBSTRATES - WALL FIX HDF-1-W

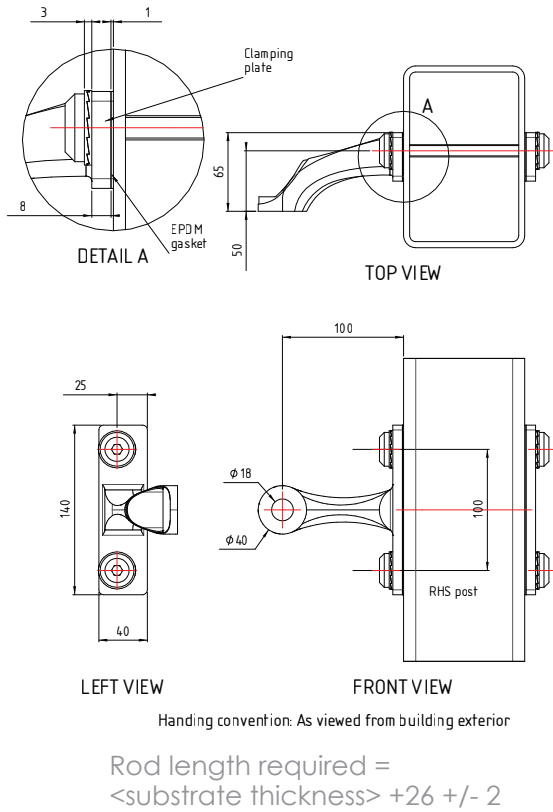
- Designed for SIDE FIXED - BOLT ON applications into supporting substrates.
- Suitable for concrete slabs, timber walls, drill and tapped steel sections
- A4-70, M10 x 100mm all thread supplied as standard. M10 timber lag screw and cut to length all thread can be supplied on request

See following page for technical drawing

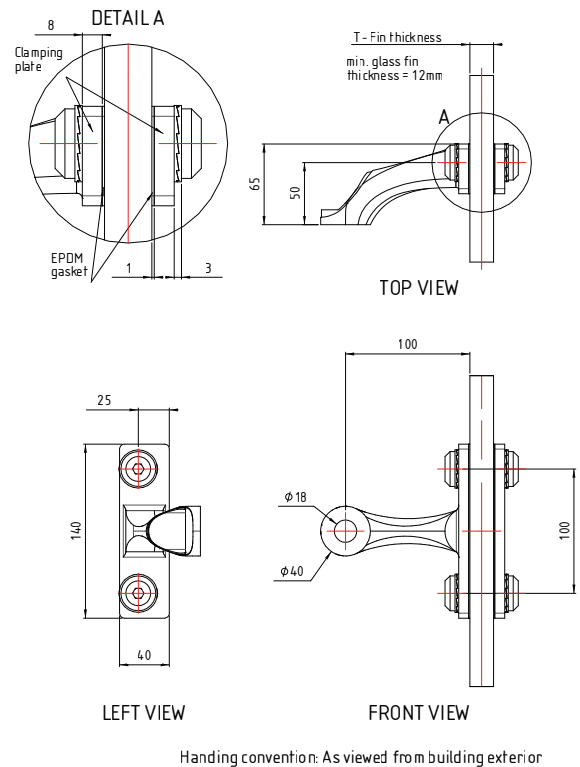
HDF-1 Range



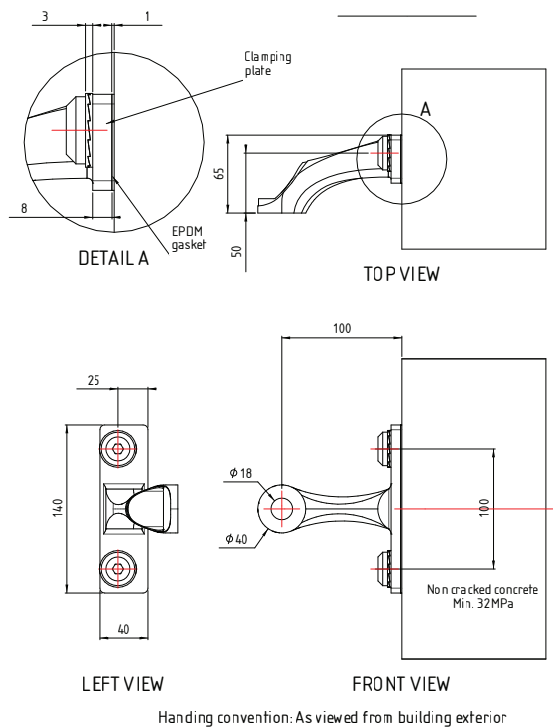
HDF-1-N Variant



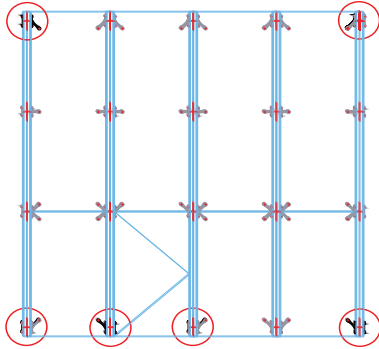
HDF-1-T Variant



HDF-1-W Variant



HDF-1-45 Range

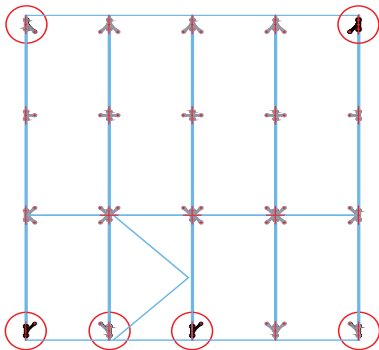


1 ARM 45° SUIT RHS/SHS BOX SECTIONS - NO THREAD

HDF-1-45L-N - LEFT HAND

HDF-1-45R-N - RIGHT HAND

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request

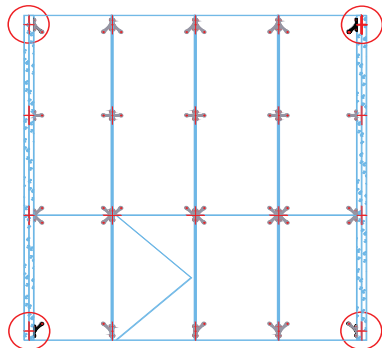


1 ARM 45° SUIT GLASS OR STEEL FIN MEMBER - THREAD

HDF-1-45L-10/12/15/19T - LEFT HAND

HDF-1-45R-10/12/15/19T- RIGHT HAND

- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10,12,15 & 19mm thick
- Can be adapted to suit thicker structural fins request.
- Ideal for thin walled RHS/ SHS box sections.
- A4-70, M10 all thread and isolating nylon bushing supplied as standard



1 ARM 45° SUIT WALL SUBSTRATES - WALL FIX

HDF-1-45L-W - LEFT HAND

HDF-1-45R-W - RIGHT HAND

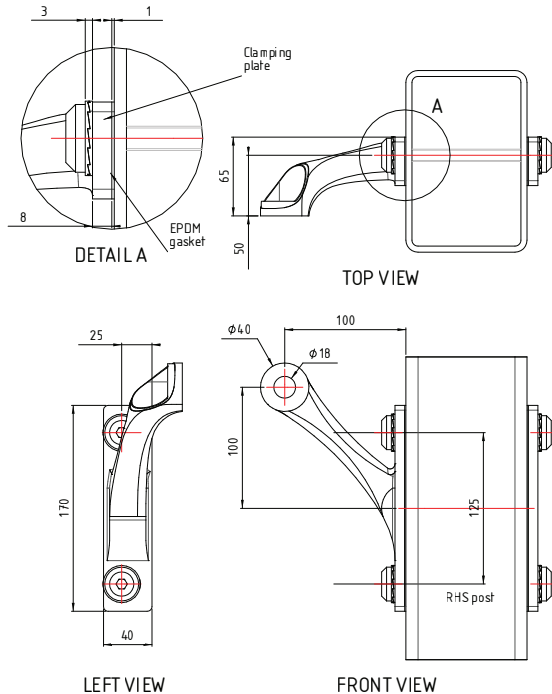
- Designed for SIDE FIXED - BOLT ON applications into supporting substrates.
- Suitable for concrete slabs, timber walls, drill and tapped steel sections
- A4-70, M10 x 100mm all thread supplied as standard. M10 timber lag screw and cut to length all thread can be supplied on request

See following page for technical drawing

HDF-1-45 Range



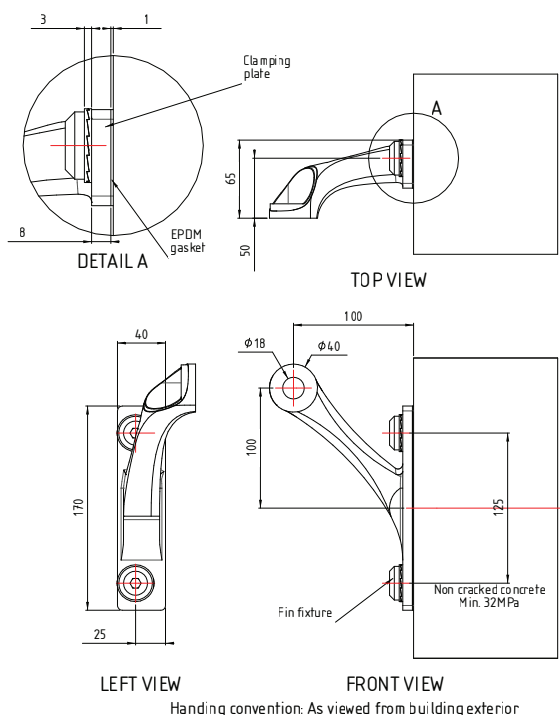
HDF-1-45L-N Variant



Handing convention: As viewed from building exterior

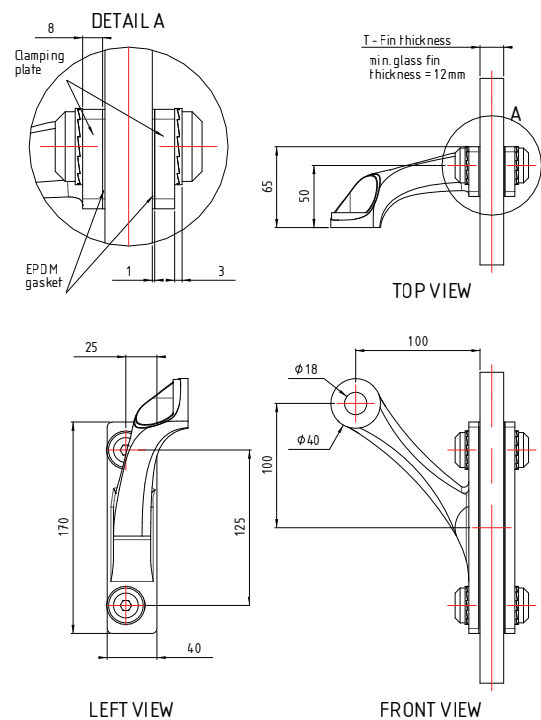
Rod length required =
<substrate thickness> +26 +/- 2

HDF-1-45L-W Variant



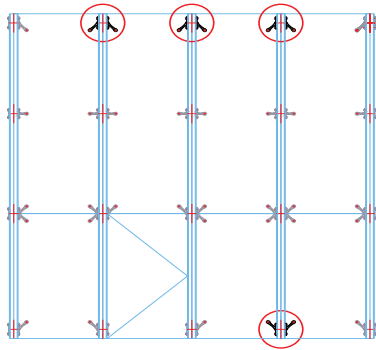
Handing convention: As viewed from building exterior

HDF-1-45L-T Variant



Handing convention: As viewed from building exterior

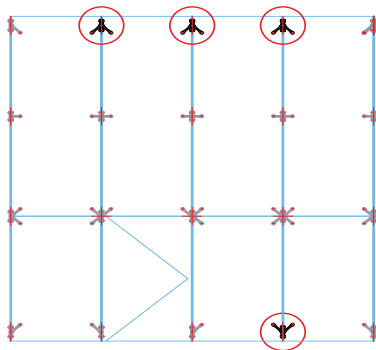
HDF-2-45 Range



2 ARM 45° SUIT RHS/SHS BOX SECTIONS - NO THREAD HDF-2-45-N

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request

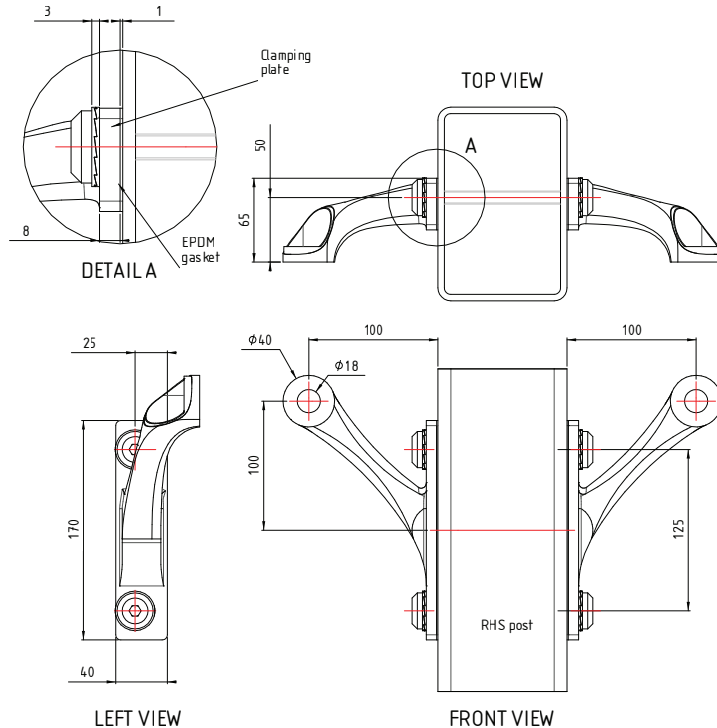
2 ARM 45° SUIT GLASS OR STEEL FIN MEMBER - THREAD HDF-2-45-10/12/15/19T



- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10,12,15 & 19mm thick
- Can be adapted to suit thicker structural fins on request.
- A4-70, M10 all thread and isolating nylon bushing supplied as standard

See following page for technical drawing

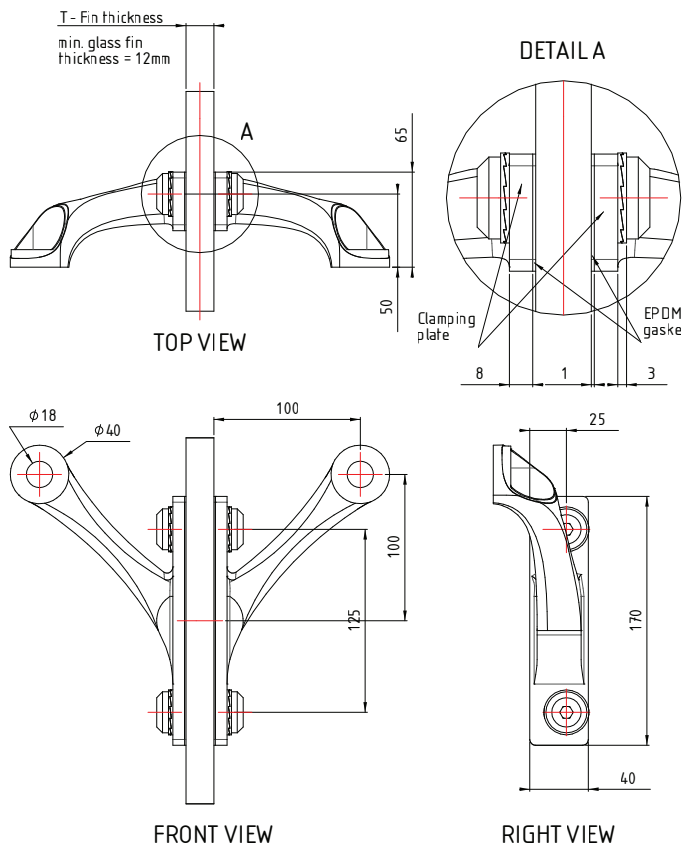
HDF-2-45 Range



Handing convention: As viewed from building exterior

HDF-2-45-N Variant

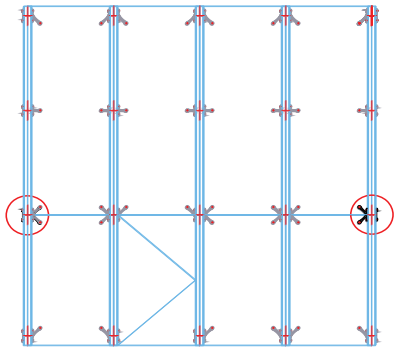
Rod length required =
<substrate thickness> +26 +/- 2



Handing convention: As viewed from building exterior

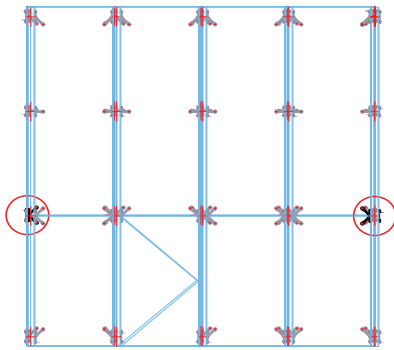
HDF-2-45-T Variant

HDF-2-90 Range



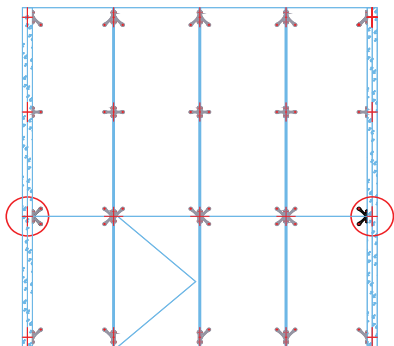
2 ARM 90° SUIT RHS/SHS BOX SECTIONS - NO THREAD HDF-2-90-N

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request



2 ARM 90° SUIT GLASS OR STEEL FIN MEMBER - THREAD HDF-2-90-10/12/15/19T

- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10, 12, 15 & 19mm thick
- Can be adapted to suit thicker structural fins on request..
- A4-70, M10 all thread and isolating nylon bushing supplied as standard



2 ARM 90° SUIT WALL SUBSTRATES - WALL FIX HDF-2-90-W

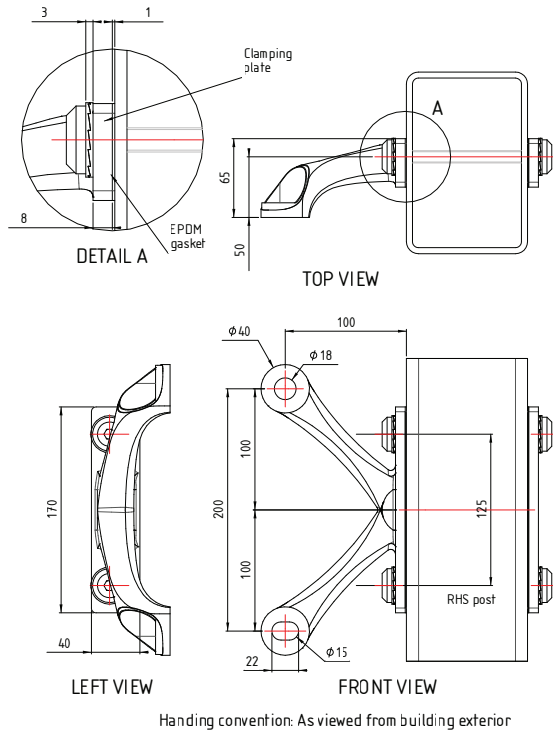
- Designed for SIDE FIXED - BOLT ON applications into supporting substrates.
- Suitable for concrete slabs, timber walls, drill and tapped steel sections
- A4-70, M10 x 100mm all thread supplied as standard. M10 timber lag screw and cut to length all thread can be supplied on request

See following page for technical drawing

HDF-2-90 Range

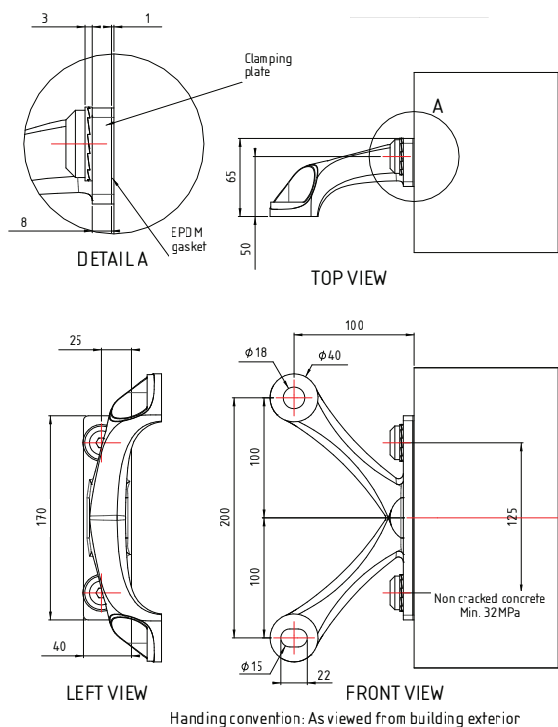


HDF-2-90-N Variant

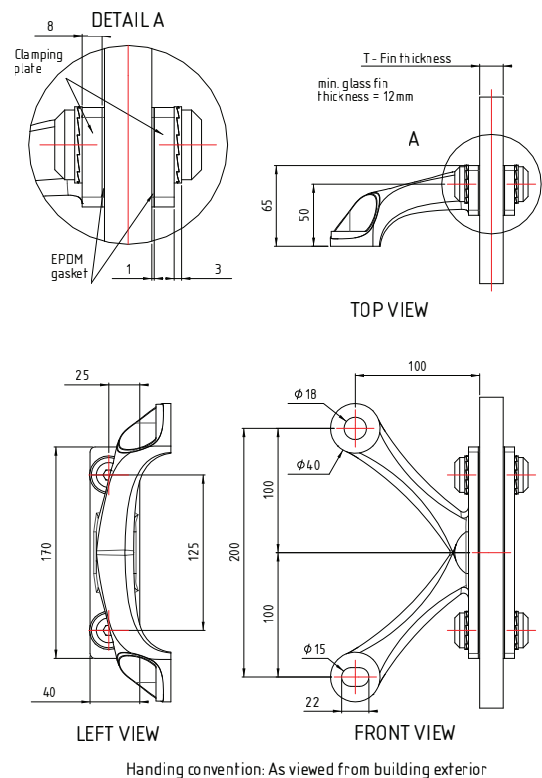


Rod length required =
<substrate thickness> +26 +/- 2

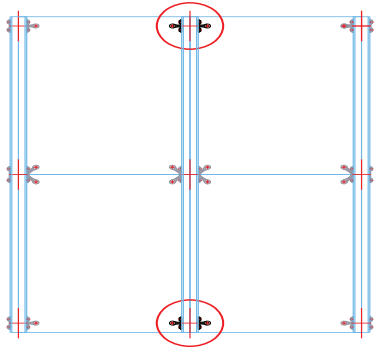
HDF-2-90-W Variant



HDF-2-90-T Variant

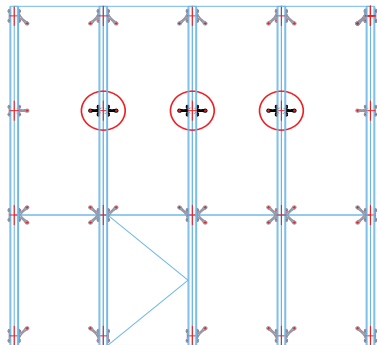


HDF-2-180 Range



2 ARM 180° SUIT RHS/SHS BOX SECTIONS - NO THREAD HDF-2-180-N

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request

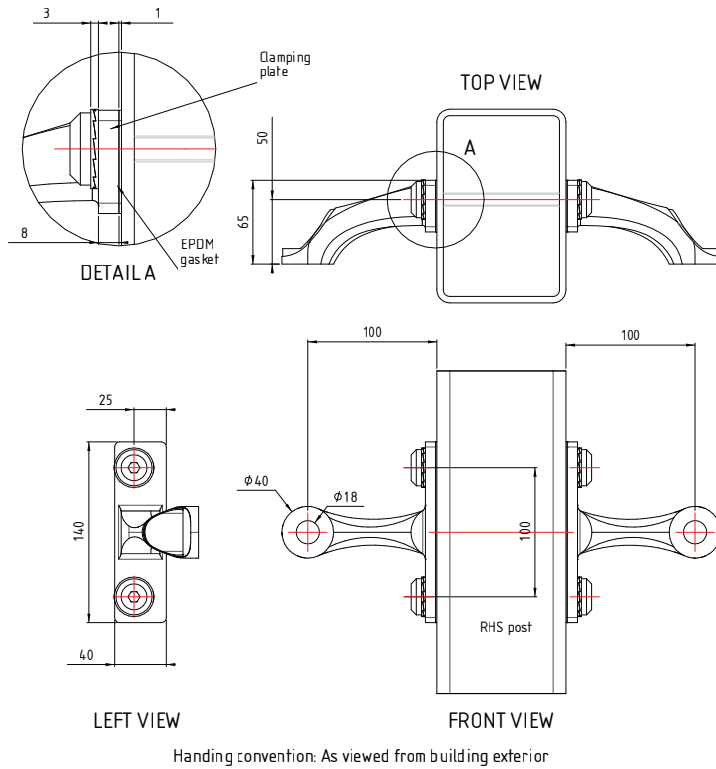


2 ARM 180° SUIT GLASS OR STEEL FIN MEMBER - THREAD HDF-2-180-10/12/15/19T

- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10,12,15 & 19mm thick
- Can be adapted to suit thicker structural fins on request.
- A4-70, M10 all thread and isolating nylon bushing supplied as standard

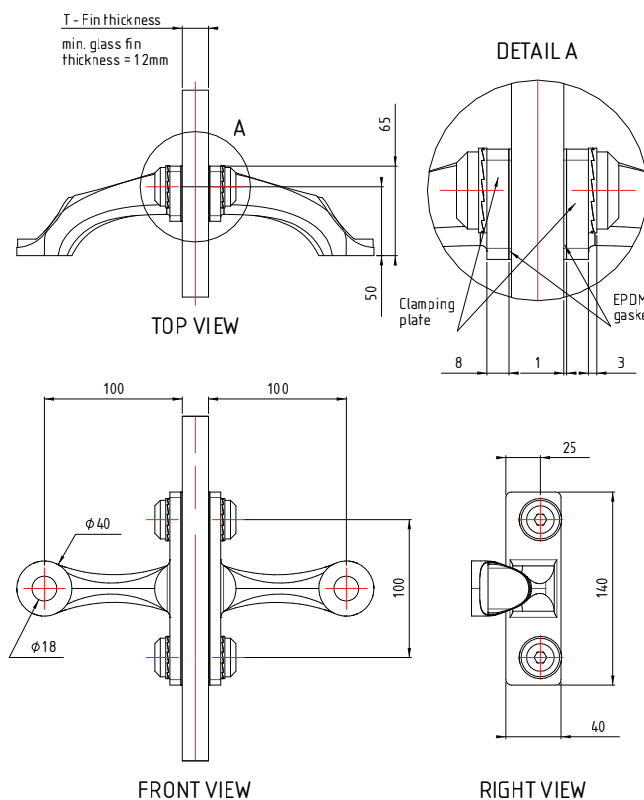
See following page for technical drawing

HDF-2-180



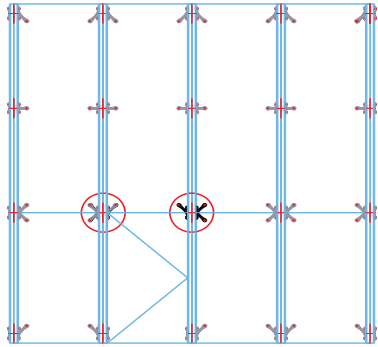
HDF-2-180-N Variant

Rod length required =
<substrate thickness> +26 +/- 2



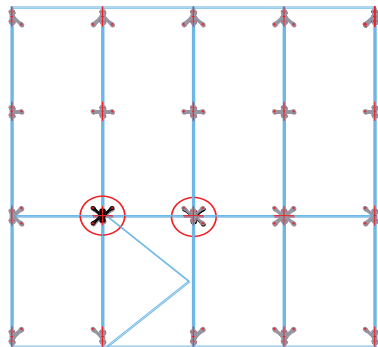
HDF-2-180-T Variant

HDF-3 Range



3 ARM SUIT RHS/SHS BOX SECTIONS - NO THREAD HDF-3-N

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request

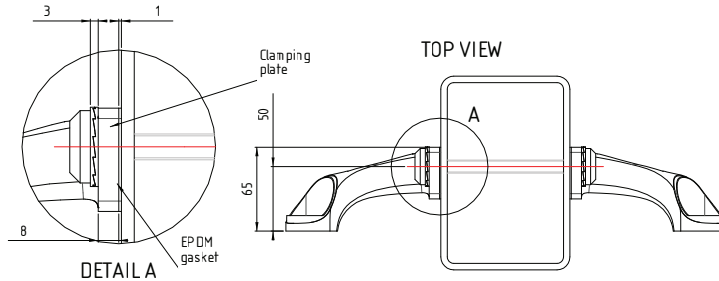


3 ARM SUIT GLASS OR STEEL FIN MEMBER - THREAD HDF-3-10/12/15/19T

- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10,12,15 & 19mm thick
- Can be adapted to suit thicker structural fins on request.
- A4-70, M10 all thread and isolating nylon bushing supplied as standard

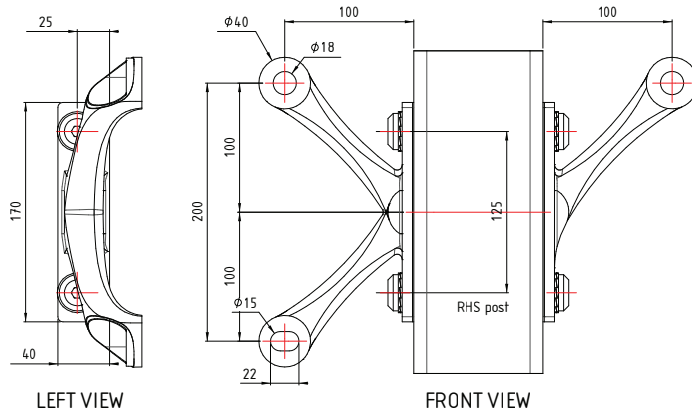
See following page for technical drawing

HDF-3 Range

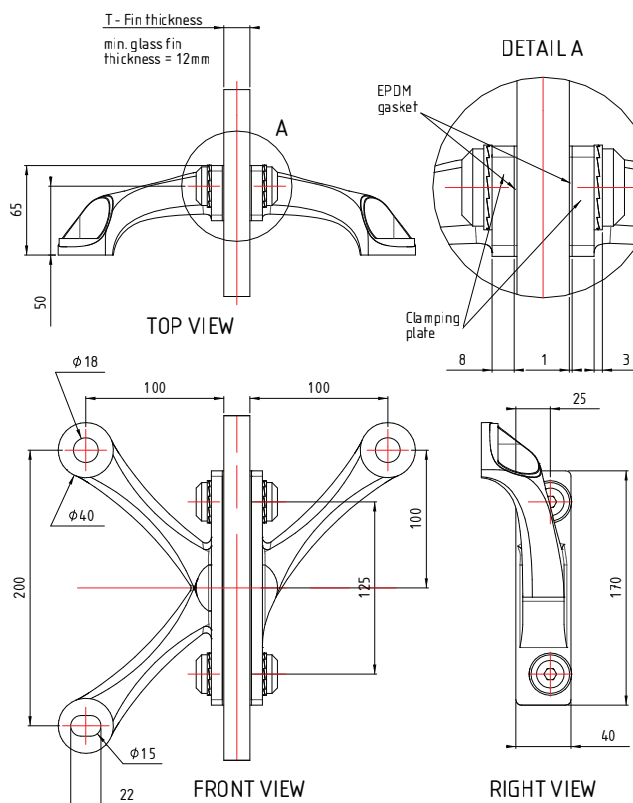


HDF-3-N Variant

Rod length required =
<substrate thickness> +26 +/- 2



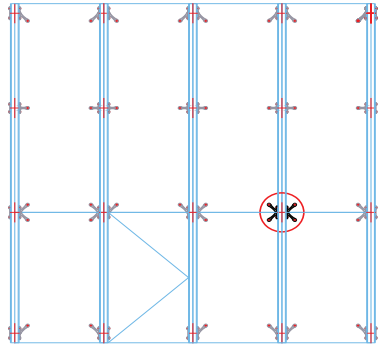
Handing convention: As viewed from building exterior



HDF-3-T Variant

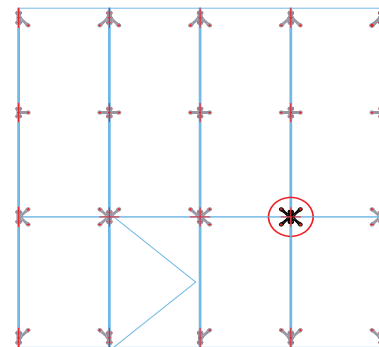
Handing convention: As viewed from building exterior

HDF-4 Range



4 ARM SUIT RHS/SHS BOX SECTIONS - NO THREAD HDF-4-N

- Designed for BOLT THROUGH applications in beams and mullions thicker than 19mm.
- Ideal for thin walled RHS/ SHS box sections.
- Suitable for steel supported glass facades, floors or overhead glazing.
- A4-70, M10 all thread can be supplied on request

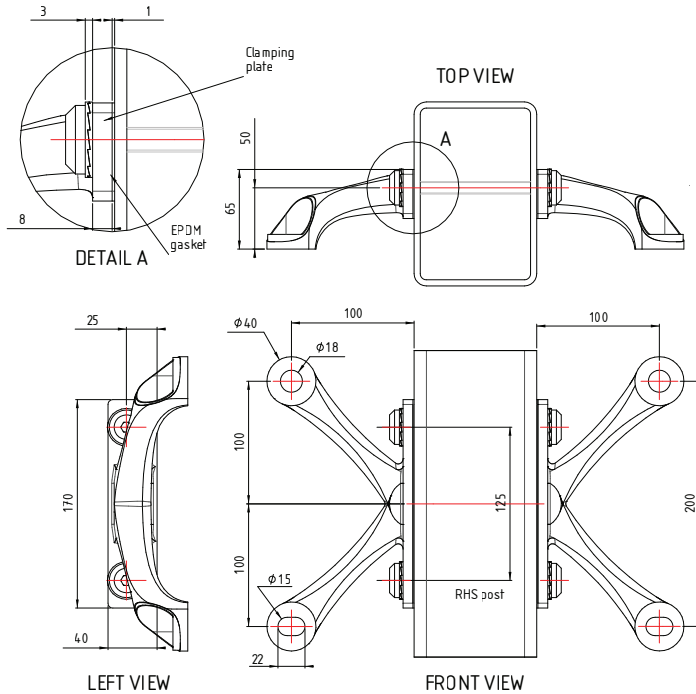


SUIT GLASS OR STEEL FIN MEMBER - THREAD HDF-4-10/12/15/19T

- Designed for SIDE FIXED - BOLT THROUGH applications in glass or steel fins 10,12,15 & 19mm thick
- Can be adapted to suit thicker structural fins request..
- A4-70, M10 all thread and isolating nylon bushing supplied as standard

See following page for technical drawing

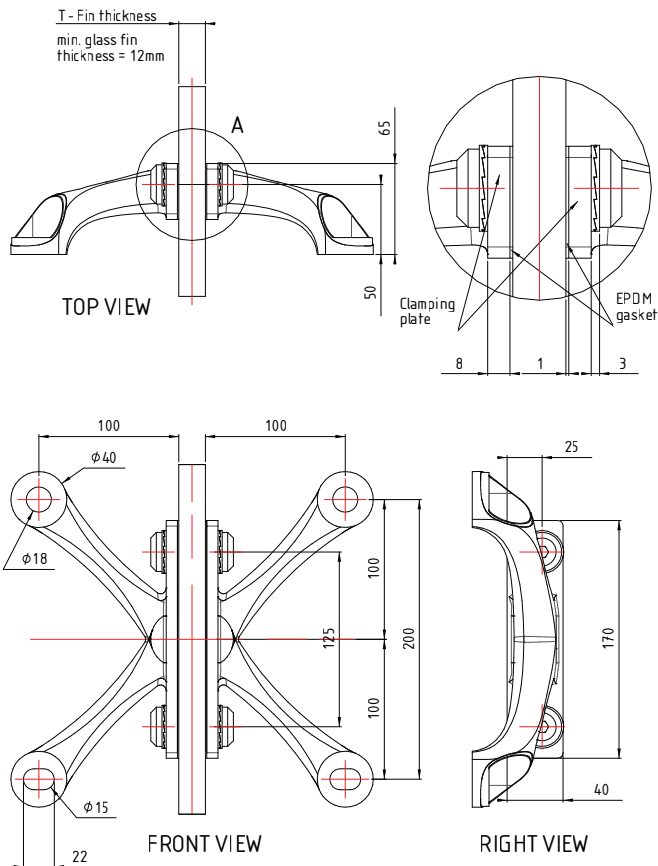
HDF-4 Range



Handing convention: As viewed from building exterior

HDF-4-N Variant

Rod length required =
<substrate thickness> +26 +/- 2



Handing convention: As viewed from building exterior

HDF-4-T Variant