

Swifts® cable ladder supports

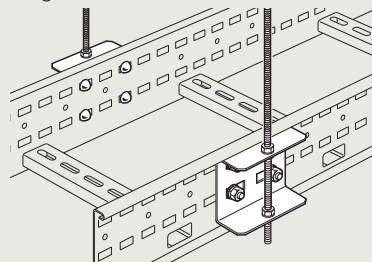
hanger rod brackets

Hanger rod brackets are an effective way of supporting any width of cable ladder off studding without the need for special trapeze hangers or cut lengths of channel.

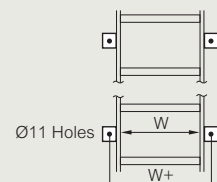
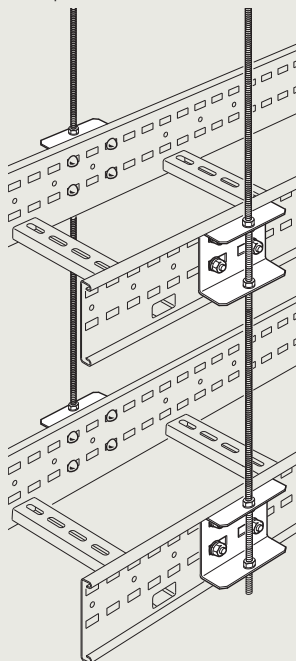
They are particularly useful when space to the sides of a ladder run is restricted or where maximum headroom is required below a ladder run. Hanger rod brackets are available for all ladder ranges and supplied in pairs with bracket to ladder fasteners.

■ Installation (typical)

Single level installation



Multiple level installation



Cat. Nos.	Centre distance between fixing holes
ZRB F	W+66
PRB F	W+66
ERB F	W+66

When hanger rod brackets are fitted to ladder, covers cannot be used

■ Assembly

Brackets can be used with either M10 or M12 threaded rod.

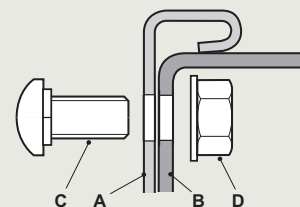
Fixing bracket to ladder

Brackets are fixed directly to the outside of the ladder siderail as shown. The slots in the side rail and the bracket provide sufficient movement to align the bracket with the threaded rod.

Fixing bracket to threaded rod

Four nuts and washers are used to fix each bracket to the threaded rod. This ensures the stability of the support and also optimises the safe working load.

Bracket to ladder fasteners (included)



- A Side rail
- B Bracket
- C M10 x 20 coachbolt
- D M10 flange nut

Fastener finishes

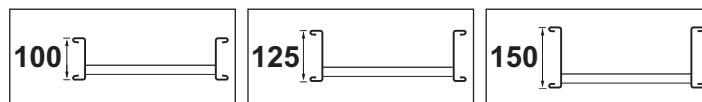
For ladders with G, D and E finishes, fasteners are high tensile Grade 8.8 hot dip galvanised.

For ladders with S finish, fasteners are corrosion resistant stainless Grade A470.

For ladders with E finish, the fasteners are Grade 8.8 hot dip galvanised. An alternative material for fasteners may be required depending on the installation environment – contact us on +44 (0) 845 605 4333.

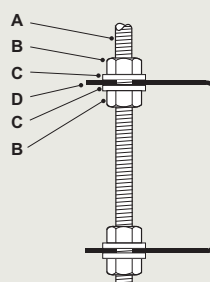
Key : Replace the letter shown in red with your choice from the following options :

F = Finish : **G** (hot dip galvanised after manufacture)
D (deep galvanised)
S (stainless steel)
E (powder coated)



■ Assembly (continued)

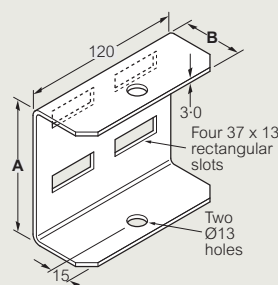
Bracket to threaded rod fasteners (not included)



- A M10 or M12 threaded rod
- B Hanger rod bracket
- C M10 or M12 form A washer
- D M10 or M12 nut

	Ladder range		
	Topaz	Sapphire	Emerald
Cat. Nos.	ZRB F	PRB F	ERB F
Quantity of fasteners per bracket	4	4	4

■ Dimensions and weights



Cat. Nos.	A	B	Weight (kg)
ZRB F	80	48	0.9
PRB F	104	48	1.0
ERB F	127	48	1.1

Weights

All weights given are in kilograms (kg) and are for a pair of brackets in hot dip galvanised G finish.

To obtain the appropriate component weight in other finishes, multiply the given weight by the following factors :

- Deep galvanised (D) x 1.07
- Stainless steel (S) x 0.94
- Powder coated (E) x 0.97

■ Safe working loads

The safe working load of all brackets is 400kg per pair of brackets.

When several levels of ladder are mounted on the same threaded rods in a multiple level installation, it is important to ensure that the total load on any pair of rods does not exceed the safe working load of the rods or their attachment points.

All dimensions (mm) are nominal.