Speedway Couplers

The Speedway coupling system has been designed to prevent slip between connected components – a common problem for slotted cable ladder systems. The slot pattern in the ladder sides and fitting sides can be combined with the slot pattern in the couplers to create a pattern of squares; these square patterns can also be formed irrespective of where straight ladders are cut to length to suit site installation requirements. The specially designed Vantrunk square shouldered bolt interlocks into this pattern of squares to create a slip-resistant connection.

The Speedway coupler has a profile which exactly matches the unique profile of the Speedway ladder & fitting side walls to give a high performance connection which securely holds the connected components together.

All Speedway couplers are supplied singly and come complete with all necessary ladder fixings.

Each Speedway ladder fixing comprises of a specially designed dome headed M10 x 16 bolt with a square shoulder, an M10 hex nut, and an M10 shake-proof washer as standard.

Straight Couplers (CS)

Speedway straight couplers are used to make connections between straight ladders and fittings.

Speedway straight couplers are supplied singly and come complete with all necessary ladder fixings.

For each type of ladder and fitting, the following number of couplers are required:

Straight Ladder	2
Flat Elbows (all angles)	2
Risers (Inside & outside)	2
Reducers	2
Equal & Unequal Tees	4
Crosses	6

It is recommended that an additional 10% quantity is ordered for contingency use arising when cutting straight ladders to suit installation requirements.

Order details are as follows:
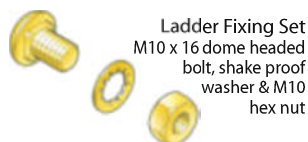
Ladder Type / CS / Finish & Material.

SW6/CS/GA Speedway SW6 Coupling Set, Hot Dip Galvanized Finish.

Ladder fixing sets are available separately to connect supplementary brackets and equipment (3mm thickness maximum) to the Speedway cable ladder.

Order details are as follows:

389AA31   Speedway Ladder Fixing Set – Hot Dip Galvanized Finish.

389AA81   Speedway Ladder Fixing Set - Stainless Steel. ■

For Finish and Material use suffix as on page 8.

SW4 Straight Coupler SW4/CS/#
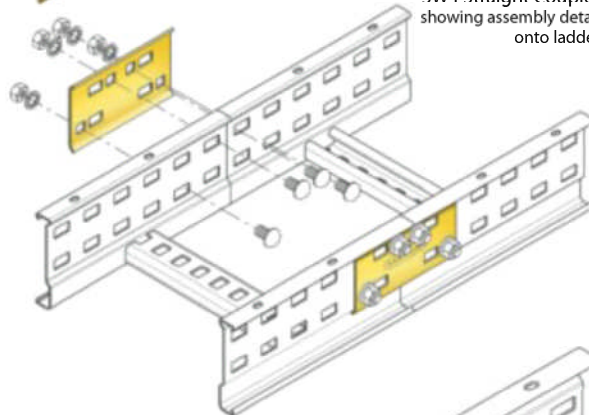Supplied with 4 fixings per coupler

SW6 Straight Coupler SW6/CS/#
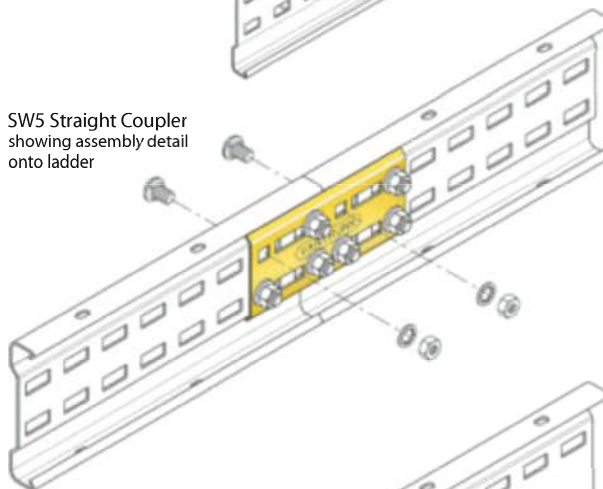Supplied with 8 fixings per coupler

SW5 Straight Coupler SW5/CS/#
Supplied with 8 fixings per coupler

SW4 Straight Coupler showing assembly detail onto ladder

SW5 Straight Coupler showing assembly detail onto ladder

SW6 Straight Coupler showing assembly detail onto ladder

Ladder Fixing Set
M10 x 16 dome headed bolt, shake proof washer & M10 hex nut