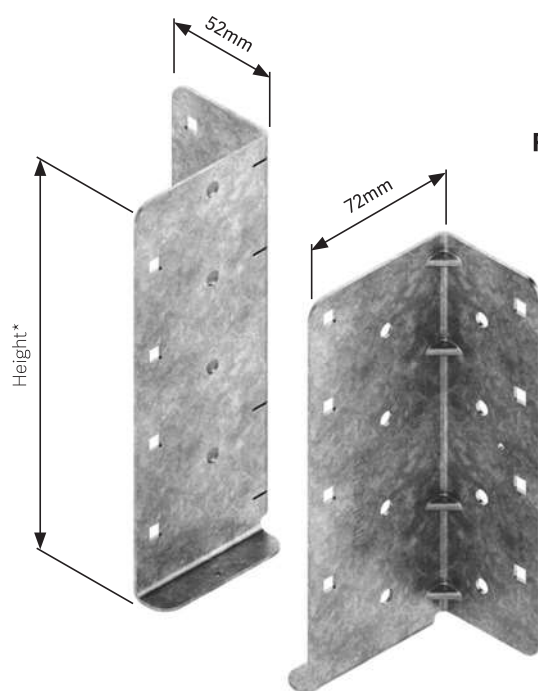


# SPLIT HANGERS FOR LARGER TIMBER WIDTHS OR DOUBLE MEMBER CONNECTIONS

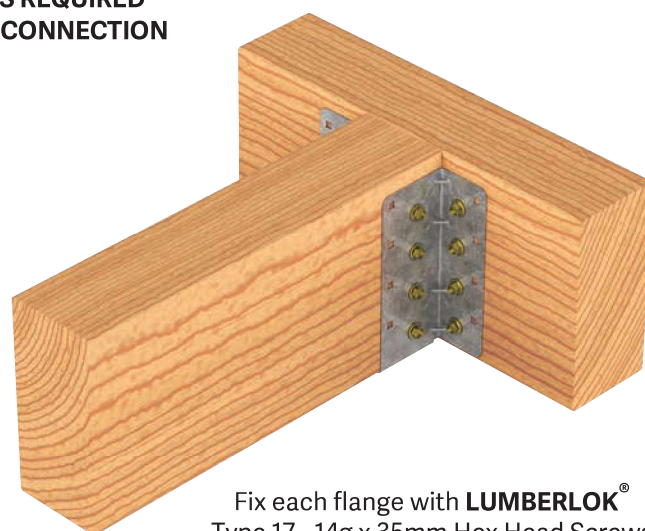
USE STAINLESS STEEL  
OPTION IN EXTERIOR  
SITUATIONS.

GREEN TIMBER FACTORS  
IF APPLICABLE TO BE  
APPLIED TO PUBLISHED  
CAPACITIES

- Always used in pairs
- Fill all round holes with screws first. If greater loads are required, fill all secondary square holes in addition to round holes with screws as per the table below
- Shear capacity of timber must not be less than the applied loading to hangers
- When both round and square holes are filled the supported beam must be a minimum of double 45mm or 90mm wide
- Stainless Steel Screws to be used with Stainless Steel Hangers, Galvanised Screws to be used with Galvanised Hangers



LEFT AND RIGHT HAND  
HANGERS REQUIRED  
FOR EACH CONNECTION



Fix each flange with **LUMBERLOK®**  
Type 17 - 14g x 35mm Hex Head Screws  
as per table below

## Characteristic Loads per pair of Split Hangers

Hanger Type	Number of Screws per Flange	ULS Capacities [seasoned timber] Strength Reduction factor $\phi = 0.7$				Characteristic Strength in kN
		k1 = 0.6	k1 = 0.8	k1 = 1		
SPH140 & SSSPH140	3	5 kN	6.7 kN	8.4 kN		12 kN
	6	10 kN	13.4 kN	16.8 kN		24 kN
SPH180 & SSSPH180	4	7.1 kN	9.5 kN	11.9 kN		17 kN
	8	14.2 kN	19 kN	23.8 kN		34 kN
SPH220 & SSSPH220	5	9.2 kN	12.3 kN	15.4 kN		22 kN
	10	18.4 kN	24.6 kN	30.8 kN		44 kN

**\*Split Hangers are available in heights of:**  
SPH140 - 137mm  
SPH180 - 177mm  
SPH220 - 217mm

**Material: 1.55 G300 Z275 Galvanised Steel or 1.5mm Stainless Steel 304-2B**