

Ficha técnica

SIMPSON

Strong-Tie

DJH R/L -Z

Divisible Joist hanger Left and Right ZPRO

DJHR/L is a joist hanger used for timber to timber connections in outdoor structures. This joist hanger is divisible before installation to be adapted to supported joist width between 45 and 160 mm.

Developed for timber decking substructures, the DJH-Z joist hangers with ZPRO coating offer durability and flexibility to your outdoor installations. The hangers are designed in variants with either left- and right sided flange orientation and can be combined with the standard DJH-Z joist hanger with normal external flange orientation. This allows for installation of the outermost end-joists in a timber decking substructure creating a smooth and flush finish to the structure in a very simple way.

The DJH-Z are structural joist hangers suitable for outdoor wood-on-wood applications. The surface is protected by ZPRO coating, which improves its corrosion resistance compared to standard galvanised steel.



DJHL



DJHR

Características

Material

Steel quality:
S250GD + ZPRO

Corrosion protection:
ZPRO coating - corresponding to a zinc layer of approx. 55 µm

Benefits

- Can be split before installation to adapt to timber widths between 45 and 160 mm.
- Suitable for outdoor use: terraces, outdoor structures, etc.
- Multiple configurations.

Features

- ZPRO coating protects the steel in outdoor applications.
- Revised screw holes for easy DIY friendly installation.
- Elongated slots split for use with multiple wider joists.
- Flange direction allows for internal / external configuration for end joist installation.

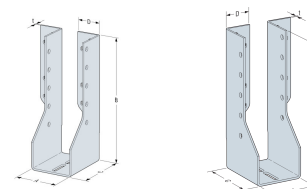
Aplicações

DJH R/L -Z

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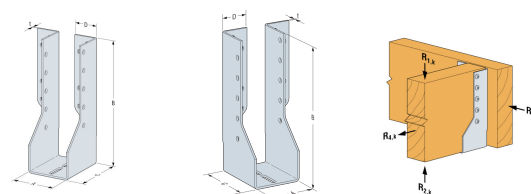
Dados técnicos

Product Dimensions



Referência	Dimensions [mm]					Joist Dimensions [mm]				Holes	
	A	B	C	D	Thickness	Width		Height		Header Ø5	Joist Ø5
						Min.	Max.	Min.	Max.		
DJHL137/46Z	46	137	60	28	2	45	160	147	205	16	10
DJHR137/46Z	46	137	60	28	2	45	160	147	205	16	10
DJHL167/46Z	46	167	60	28	2	45	160	177	250	18	12
DJHR167/46Z	46	167	60	28	2	45	160	177	250	18	12

Product characteristic capacities - Timber to Timber - Full Nailing



Referência	Characteristic values - Timber to Timber - Full nailing [kN]			
	Fasteners		Product characteristic capacities - Timber C24 [kN]	
	Header	Joist	$R_{1,k}$	$R_{2,k}$
	Qty	Qty	CSA5.0x35Z	CSA5.0x35Z
DJHL137/46Z	16	10	13.4	9.1
DJHR137/46Z	16	10	13.4	9.1
DJHL167/46Z	18	12	18.2	9.1
DJHR167/46Z	18	12	18.2	9.1

* Dimensions of Header and Joist:

DJHR/L137 : Header (width >45mm ; Heigth : 145mm), Joist (min cross section : 45x145mm)

DJHR/L167 : Header (width > 60mm; Heigth : 200mm), Joist (min cross section : 45x200mm)

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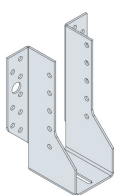
Execução

Fixing

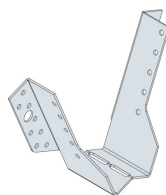
- CSA5.0x35Z,
- CSA5.0x40Z,

Installation

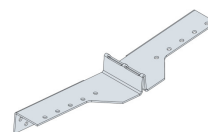
If necessary, split the joist hanger in half before installation.



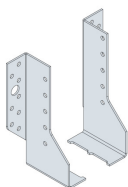
1. Select the height of the breakable hanger (3 sizes available).



2. Pull the wings on either side outwards to split the hanger in half.



3. Bend and unbend as many times as necessary to break the hanger in half.



4. Once the two parts are separated, secure them according to the width of the timber being carried.

