Technical Sheet

EC
Light Duty Angle Bracket

Light angle brackets are used in a large number of DIY applications and are commonly used for reinforcing furniture assemblies.



Features

Material

- Steel S235JR according to NF EN 10025, electro-galvanized finish.

Benefits

Versatile connection.

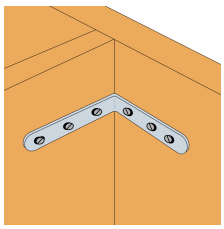
Applications

Suitable On

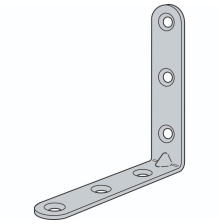
- **Supporting member**: wood, etc.

Scope

- Solid wood.
- Panels.
- PVC, etc.



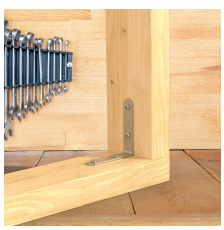
Installation example





Light Duty Angle Bracket EC140/3







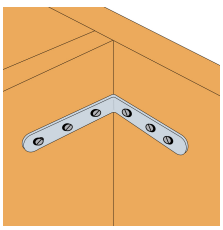
Light Duty Angle Bracket EC30



Light Duty Angle Bracket EC



Light Duty Angle Bracket EC140/3



Installation example

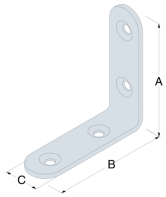


Technical Sheet

EC
Light Duty Angle Bracket

Technical Data

Product Dimensions



Reference	Connector Dimensions												
	Product Dimensions[mm]				Joist				Flange B				Other
					Round				Round				
	A[mm]	B[mm]	C[mm]	Thickness[mm]	Ø4	∅[mm]	Ø5.8	Ø6	Ø4	Ø5[mm]	Ø5.8	Ø6	Weight[kg]
EC30/2	30	30	15	2	2	-	-	-	2	-	-	-	0.013
EC40/2	40	40	15	2	2	-	-	-	2	-	-	-	0.017
EC60/2	60	60	15	2	2	-	-	-	2	-	-	-	0.027
EC80/2.5	80	80	18	2.5	-	2	-	-	-	2	-	-	0.045
EC90/3	90	90	18	3	-	2	-	-	-	2	-	-	0.073
EC100/3	100	100	18	3	-	-	2	-	-	-	2	-	0.075
EC120/3	120	120	20	3	-	-	-	2	-	-	-	2	0.098
EC140/3	140	140	20	3	-	-	-	2	-	-	-	2	0.12

1. Countersunk holes

Installation

Fasteners

Countersunk holes:

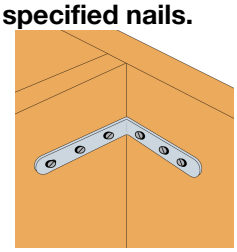
- Type 30 to 80 dia. 4.2 mm.
- Type 90 to 140 dia. 5.5 mm.

On wood:

- CNA annular ring-shank nails dia. 3.1 x 35 mm and dia. 4.0 x 35 mm.
- SD8 screws dia. 4.0 x 32 mm.

Installation

Use specified nails.



Installation example

Copyright by Simpson Strong-Tie®