TA

TA Staircase Angle



Also available in Stainless Steel

The TA eliminates costly conventional notching

The TA Staircase Angle is a versatile, heavy-duty connector designed to simplify the construction of wooden staircases. Specifically engineered to eliminate the need for difficult-to-cut notched stringers, it allows for a secure, professional connection between the stair tread and a solid stringer.

Features and Benefits

- Quick and simple installation
- The TA eliminates costly conventional notching.
- Ideal for heavy-duty 90° connections where a narrow angle is needed

Applications

- Stair Tread-to-Stringer Connections (Unnotched Stringers)
- Deck Stair Framing & Exterior Tread Support
- Retrofit Reinforcement and Repair of Existing Staircases

Material & Finish

- TA9Z-R - Carbon Steel, 2.7mm thick, ZMAX® Galvanised
- TA9SS - 316L Stainless Steel, 2.7mm thick (Available in Australia as a special order)

SCAN FOR MORE INFORMATION

Australia *New Zealand*

ZMAX Z550 Zinc galvanised coating weight of 550g of zinc per square meter, total both sides. Hot dip galvanised per ASTM A-653. These products require hot-dip galvanised fasteners (fasteners which meet the specifications of ASTM A153).

SST300 STAINLESS STEEL Connectors are manufactured from Type 316L stainless steel, and provide greater durability against corrosion. Stainless-steel nails are required with stainless-steel products, and are available from Simpson Strong-Tie.



TA9Z-R



TA9SS

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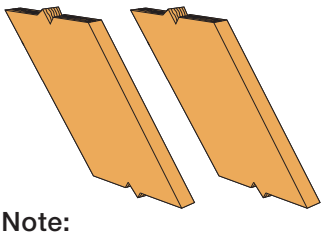


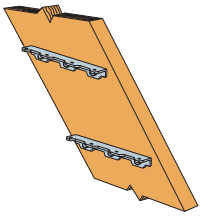
TA

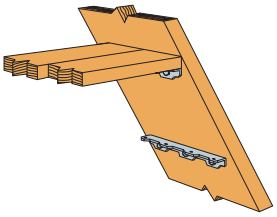
TA Staircase Angle

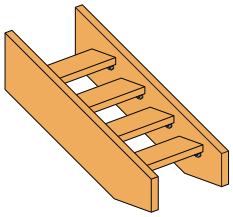
Installation steps

1. Place precut left-hand and right-hand stringers in position.
2. Mark out all the treads of each step with a spirit level.
3. Place the TA angle and install SDS Heavy-Duty Connector screws on each internal side of stringers.
4. Place timber treads in position and continue installing the SDS Fasteners in the underside of treads.









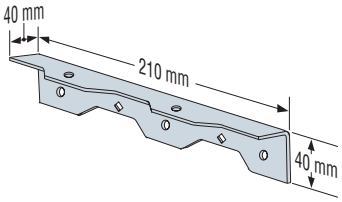
Note:

- Use all specified fasteners
- Installs easily with Strong-Drive® SDS Heavy-Duty Connector screws; no pre-drilling required

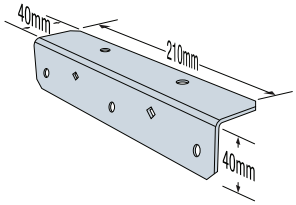
Product Information

Model Number	Stringer Width/ Thickness (mm)		Product Dimensions (mm)		Weight (kg)	Stringer Holes	Tread Holes	Box Qty	Ea Barcode	Carton Barcode	CTN Dimension (mm) W x L x H	Carton Weight (kg)
	Width	Thickness	Height	Length								
TA9Z-R	190	45	40	210	0.268	3	2	20	5701953005528	707392459750	200 x 260 x 110	6
TA9SS*	190	45	40	210	0.268	3	2	20	5701953005566	707392809500	200 x 260 x 115	7

*Not available in Australia. Available as a special order



TA9Z-R Diagram



TA9SS Diagram

Packaging





Partner Product

Model Number	Size (mm)	Finish	Drive Type	Box Qty	CTN Qty	Box Barcode	Carton Barcode	Box Dimensions (mm) L x W x H	CTN Dimensions (mm) L x W x H	Box Weight (kg)	Carton Weight (kg)
SDS25112-R25	6.4 x 38	Double Barrier	⅜" Hex Head	25	12	707392962502	10707392962509	100 x 50 x 80	110 x 310 x 165	0.385	3.2
SDS25112SS-R25	6.4 x 38	316 Stainless Steel	⅜" Hex Head	25	10	707392322405	10707392322402	100 x 80 x 80	105 x 400 x 170	0.29	3.7

SDS25112-R25
(Double Barrier Coating)



SDS25112SS-R25
(316 Stainless Steel)







⅜" Hex Head
Socket Bit



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Simpson Strong-Tie® New Zealand
Call **09 477 4440**
www.strongtie.co.nz

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