

Arguments supporting the Arunda System

1/ The end-user only needs 1 jig model! 5 models are nevertheless available to fulfill diversified needs.

The adequate jig has to be chosen considering the width of the beams/timbers the carpenter usually works with.

The bigger the jig model, the bigger the joint and the greater its resistance!



2/ Small and big jigs



A small jig allows not only to work on very narrow timbers (from 50mm / 2" width) but also to produce special joints (end-to-end beams, rafter on rafter, several joints around a single post).

Big jigs ensure big sized joints on beams up to 300mm / 11^{13/16} " width.

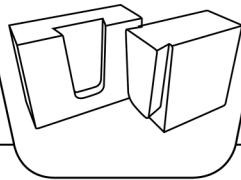
3/ Working loads up to 1'700 kg / 3745 lbs per joint

Depending on the chosen jig the working load goes from 150 kg / 330 lbs (model N° 60) **up to 1'700 kg / 3745 lbs per joint** (Model N° 160+)

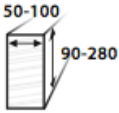




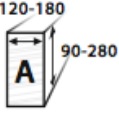
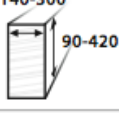

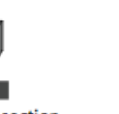
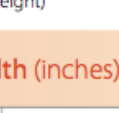

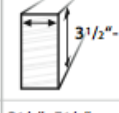

A small tenon is fully suited to a small beam. On the contrary, the same small tenon is inadequate when cut in a big beam (safety risk, insufficient working load).

See tables on following page (mm and inch)

ARUNDA



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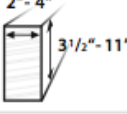

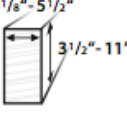
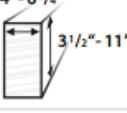

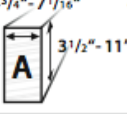
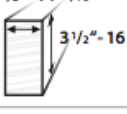

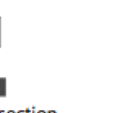
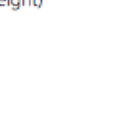

		Timber width (mm)					
		50	100	150	200	250	300
60 A 60 S			min. 50 x 90 / max. 100 x 280 mm (50) 60 - 80 mm max 100 150 - 450 kg				
							
80 A 80 S			min. 80 x 90 / max. 140 x 280 mm 80 - 120 mm max 140 270 - 730 kg				
							
100 A 100 S			min. 100 x 90 / max. 160 x 280 mm 100 - 140 mm max 160 370 - 930 kg				
							
120 A 120 S							
							
160+ A							
							


 Min. / max. section
 (width x height)


 Optimal timber widths


 Min. / max. feasible
 timber widths


 Min. / max. working loads (in kg)
 depending on dimensions

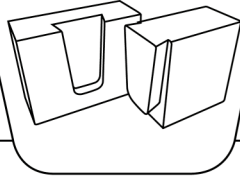
		Timber width (inches)					
		2"	4"	6"	8"	10"	12"
60 A 60 S			min. 2" x 3 1/2" / max. 4" x 11" (2") 2 3/8" x 3 1/8" max. 4" 330 - 990 lbs				
							
80 A 80 S			min. 3 1/8" x 3 1/2" / max. 5 1/2" x 11" 3 1/8" x 4 3/4" max. 5 1/2" 590 - 1610 lbs				
							
100 A 100 S			min. 4" x 3 1/2" / max. 6 1/4" x 11" 4" x 5 1/2" max. 6 1/4" 810 - 2050 lbs				
							
120 A 120 S							
							
160+ A							


 Min. / max. section
 (width x height)


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 Min. / max. working loads (lbs)
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4/ Right-angle and angled joints

The Arunda jigs are available in two different versions:

Class A with fixed 90° fences

→ to produce right-angle joints
(and also angled joints)

Class S with +50°/90°/-50°
tilting fences

→ to produce angled joints more easily

5/ Quick fitting of the jigs

The jigs get fixed with a fast lever clamp. They can also be skewed onto the beam if needed.

No system is quicker and stronger than lever clamps.



6/ Simple and strong

The Arunda jigs do not include any small components that can get lost easily.

We do not use plastic or any light material such as aluminum (except for the positioning gauge).

The jigs are very simple and can be adjusted with an Allen-key. They are strong and indestructible.

7/ International Patent

The Arunda System was granted the international patent N° 1812213

Any similar object that takes up the specifications of the patented invention must be considered as a **presumed infringement** that is likely to be sued in court.

