

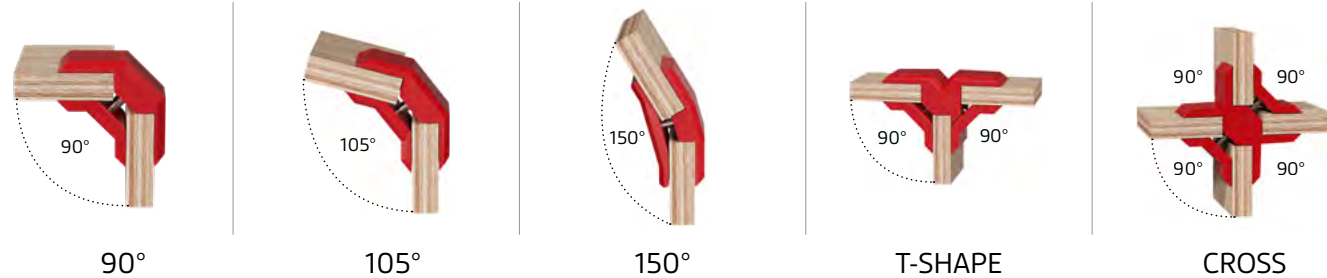
# PANEL CONNECTORS

Unleash Endless Potential with Our Panel Connectors



Instruction and Design Guide

## What are Panel Connectors?



Panel connectors are reusable clamps made from high-strength reinforced plastic that join wood panels together at different angles (90°, 105°, 150°, T-SHAPE, and CROSS). They are engineered to withstand heavy loads while being easy to install and remove.

## Where Can We Use Them?



### Homes & Offices

For furniture, shelving, and cabinetry



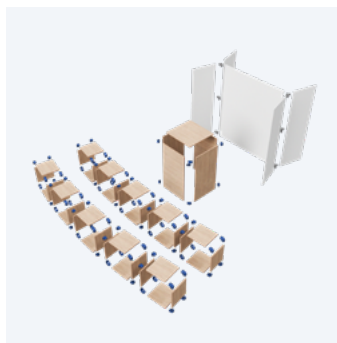
### Events & Trade Shows

Quick booths, displays, and structures



### Commercial Businesses

Modular walls, counters, or product displays

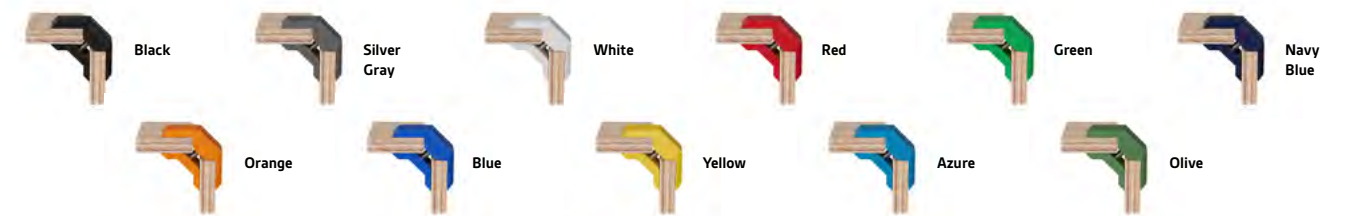


### Schools & Malls

Temporary setups or creative learning spaces



## Available Pantone Colors



Solid colors: Black, White, Silver Gray, Red, Green, Orange, Blue, Navy, Yellow, Olive, Azure



Wood Color Tones : Black Walnut, Classic Birch, Clay Brown, Rosewood, White Oak

## Recommended Wood Panels



Standard connectors support 5/8" to 3/4" thick panels

Wood panels are not included and must be sourced by the customer.

## Tools & Accessories

### Jigs



Precision Jigs, quick and accurate space adjustment

### Allen Key



Material Thick ness	SKU
3/4" Kit	<a href="#">PCJIG34</a>

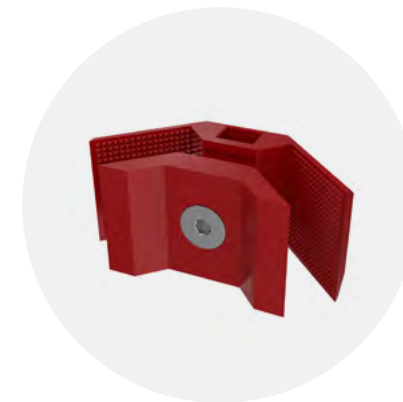
Size	SKU
5mm	<a href="#">TALLENSMM</a>





## 90°

The 90° connector forms a strong right angle between two panels. Each clamp is made from high-tech reinforced plastic, built to handle heavy loads.



Advanced High-Strength Plastic

Designed to grip and hold materials tightly



Supports Panel Thicknesses Between 5/8" And 3/4"






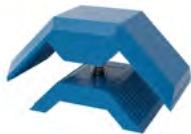









Bolt: M8x125

90°

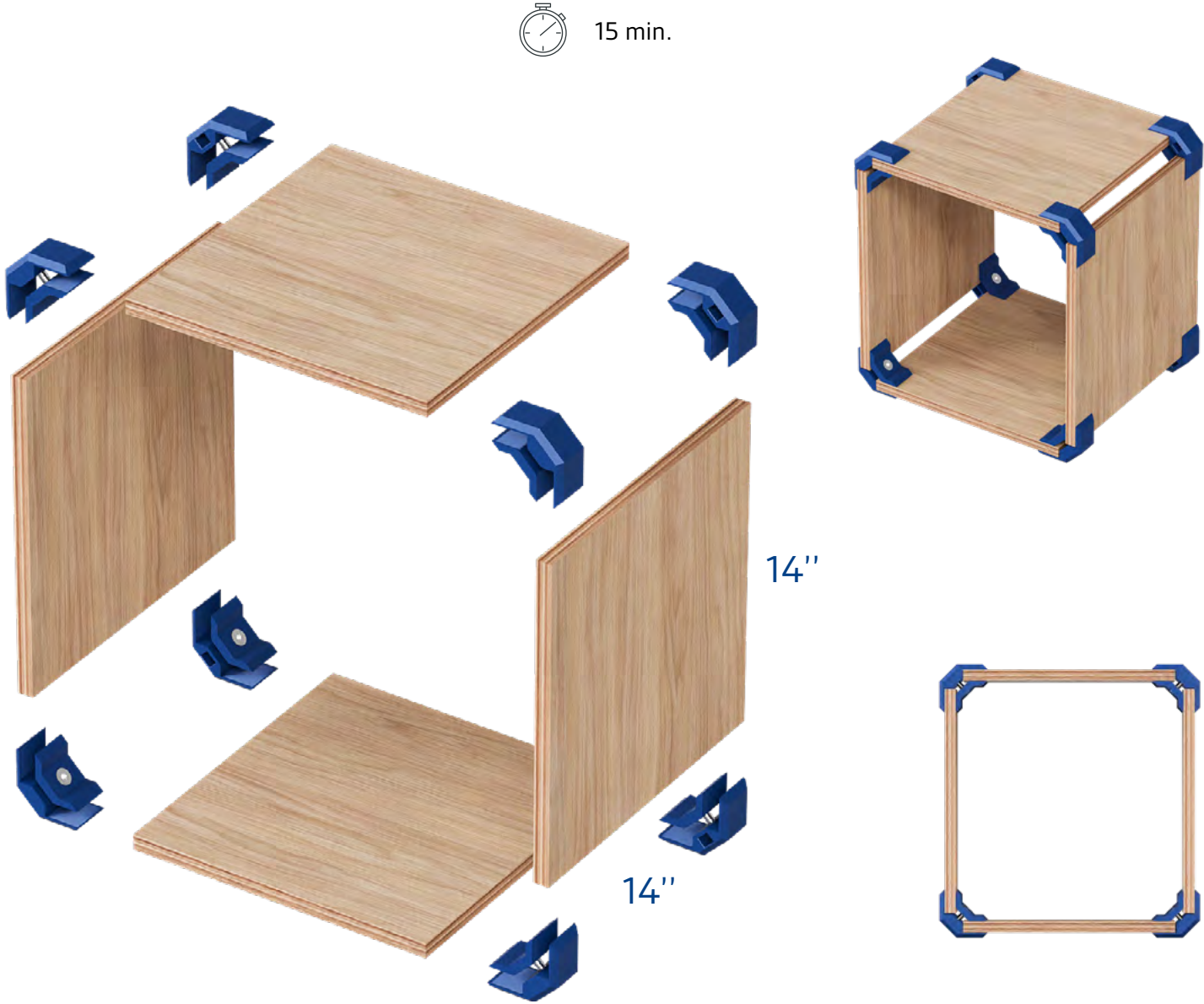





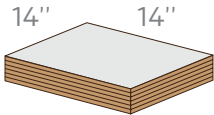

Pantone & Wood Color Tones

Color	SKU		Color	SKU	
Black	<a href="#">PC90B</a>		Yellow (Pantone 136C)	<a href="#">PC90YE</a>	
White	<a href="#">PC90W</a>		Olive (Pantone 363C)	<a href="#">PC90OL</a>	
Silver Gray (Pantone 429C)	<a href="#">PC90SL</a>		Azure (Pantone 299C)	<a href="#">PC90AZ</a>	
Red (Pantone 200C)	<a href="#">PC90RD</a>		Black Walnut	<a href="#">PC90BW</a>	
Green (Pantone 355C)	<a href="#">PC90GR</a>		Classic Birch	<a href="#">PC90CB</a>	
Orange (Pantone 165C)	<a href="#">PC90OR</a>		Clay Brown	<a href="#">PC90CBR</a>	
Navy Blue (Pantone 294C)	<a href="#">PC90NB</a>		Rosewood	<a href="#">PC90RO</a>	
Blue (Pantone 286C)	<a href="#">PC90BL</a>		White Oak	<a href="#">PC90WO</a>	

Sample Design



Parts required for assembly

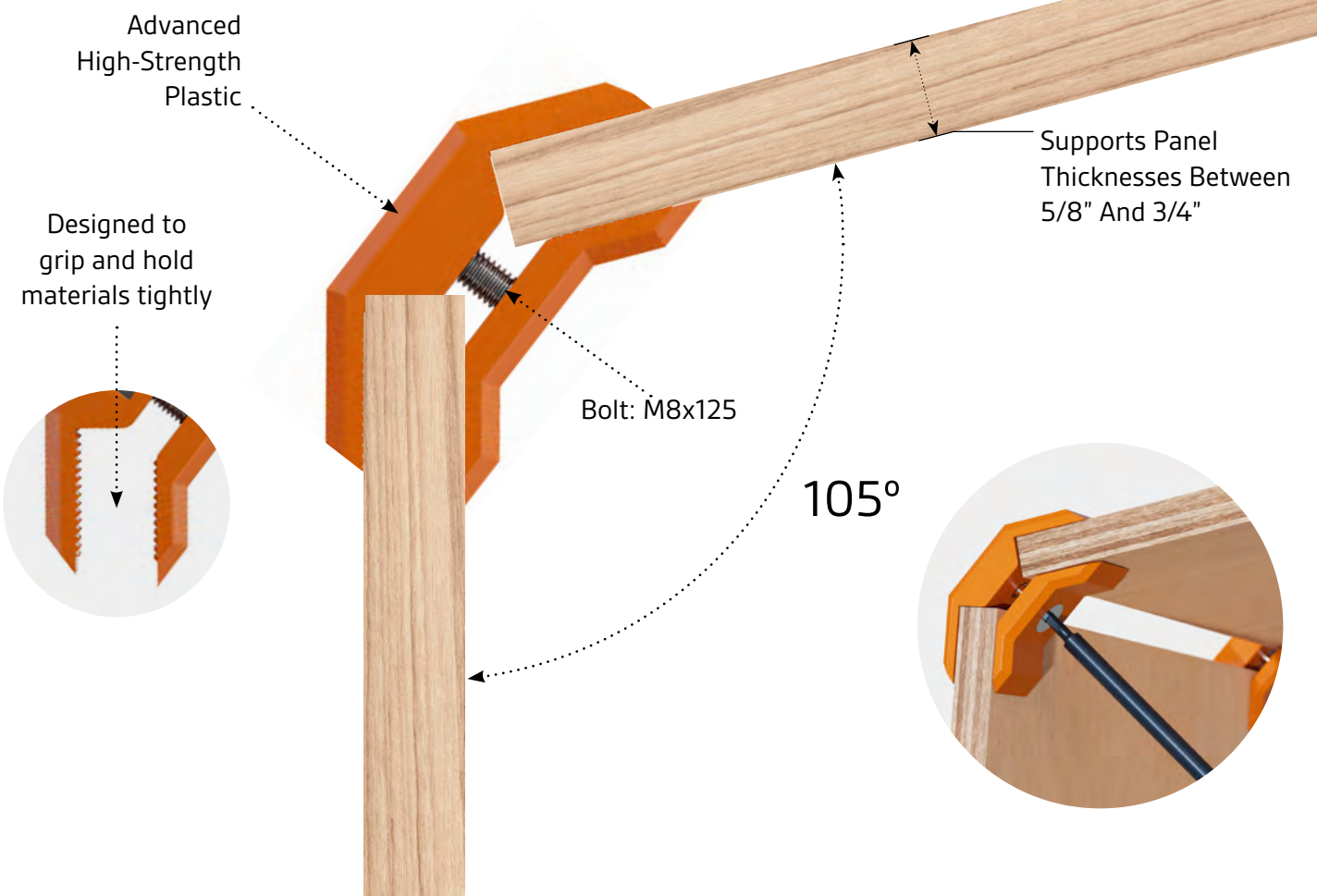
8 x	4 x	1 x
		
90°		TALL5MM


















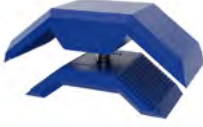

# 105°

The 105° connector forms a strong right angle between two panels. Each clamp is made from high-tech reinforced plastic, built to handle heavy loads.



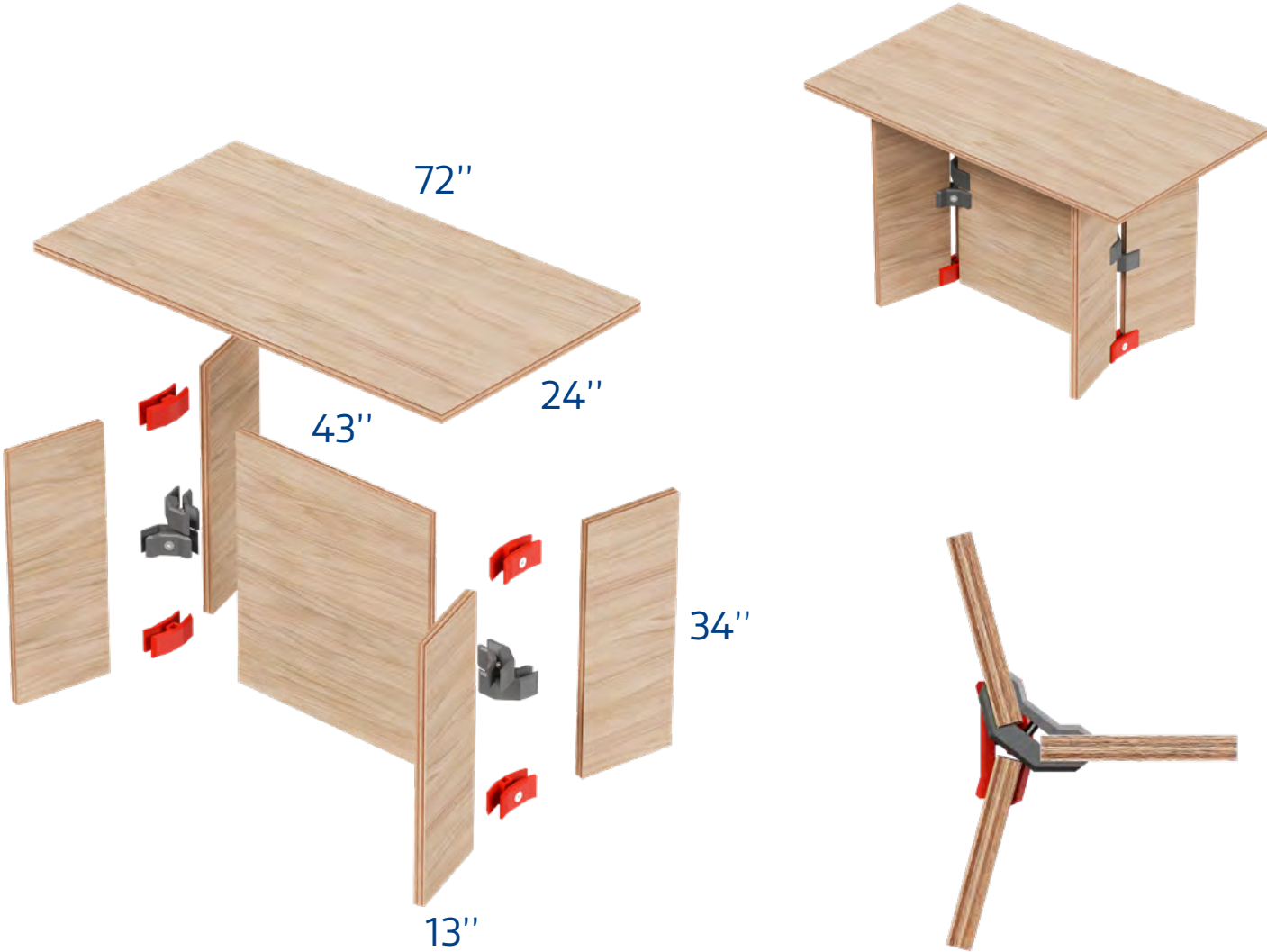


Pantone & Wood Color Tones



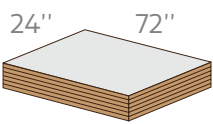
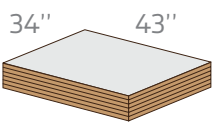
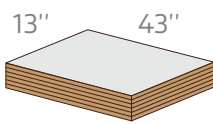

Color	SKU		Color	SKU	
Black	PC105B		Yellow (Pantone 136C)	PC105YE	
White	PC105W		Olive (Pantone 363C)	PC105OL	
Silver Gray (Pantone 429C)	PC105SL		Azure (Pantone 299C)	PC105AZ	
Red (Pantone 200C)	PC105RD		Black Walnut	PC105BW	
Green (Pantone 355C)	PC105GR		Classic Birch	PC105CB	
Orange (Pantone 165C)	PC105OR		Clay Brown	PC105CBR	
Navy Blue (Pantone 294C)	PC105NB		Rosewood	PC105RO	
Blue (Pantone 286C)	PC105BL		White Oak	PC105WO	

Sample Design

25 min.



Parts required for assembly

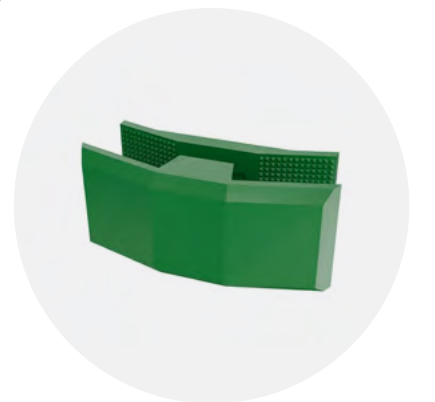
4 x	4 x	1 x	1 x	4 x	1 x
					
105°	150°				TALLE5MM





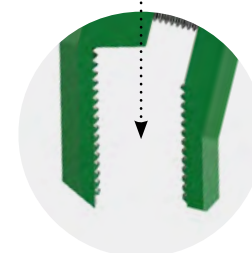
# 150°

The 150° connector forms a strong right angle between two panels. Each clamp is made from high-tech reinforced plastic, built to handle heavy loads.



Advanced High-Strength Plastic

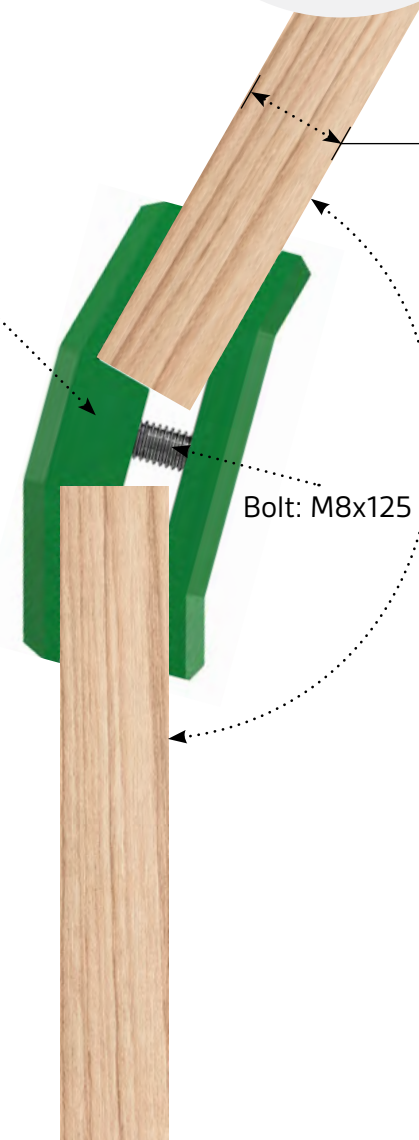
Designed to grip and hold materials tightly



Supports Panel Thicknesses Between 5/8" And 3/4"






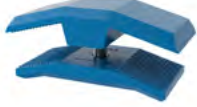










Bolt: M8x125

150°




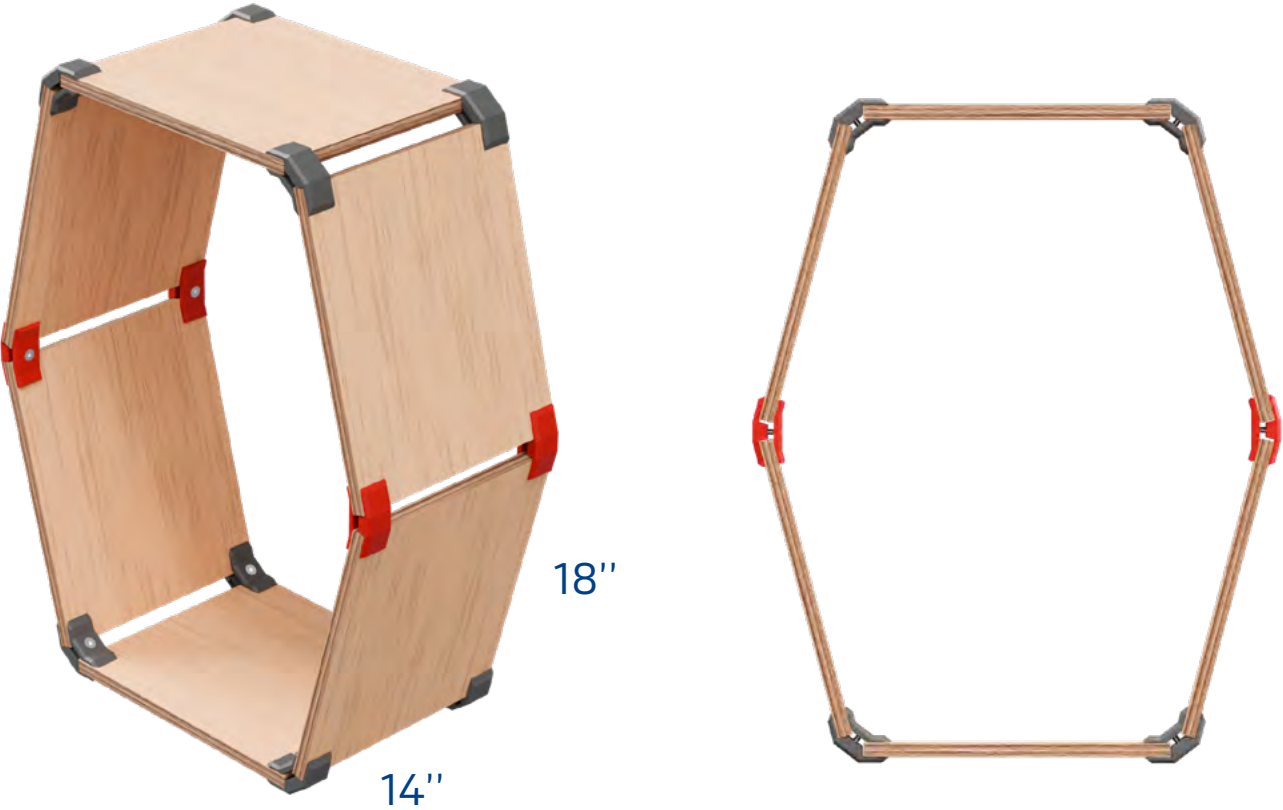


Pantone & Wood Color Tones

Color	SKU		Color	SKU	
Black	<a href="#">PC150B</a>		Yellow (Pantone 136C)	<a href="#">PC150YE</a>	
White	<a href="#">PC150W</a>		Olive (Pantone 363C)	<a href="#">PC150OL</a>	
Silver Gray (Pantone 429C)	<a href="#">PC150SL</a>		Azure (Pantone 299C)	<a href="#">PC150AZ</a>	
Red (Pantone 200C)	<a href="#">PC150RD</a>		Black Walnut	<a href="#">PC150BW</a>	
Green (Pantone 355C)	<a href="#">PC150GR</a>		Classic Birch	<a href="#">PC150CB</a>	
Orange (Pantone 165C)	<a href="#">PC150OR</a>		Clay Brown	<a href="#">PC150CBR</a>	
Navy Blue (Pantone 294C)	<a href="#">PC150NB</a>		Rosewood	<a href="#">PC150RO</a>	
Blue (Pantone 286C)	<a href="#">PC150BL</a>		White Oak	<a href="#">PC150WO</a>	

Sample Design

 20 min.



Parts required for assembly

8 x



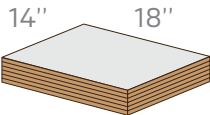
105°

4 x



150°

6 x



1 x



TALLENSMM





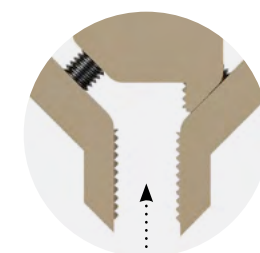
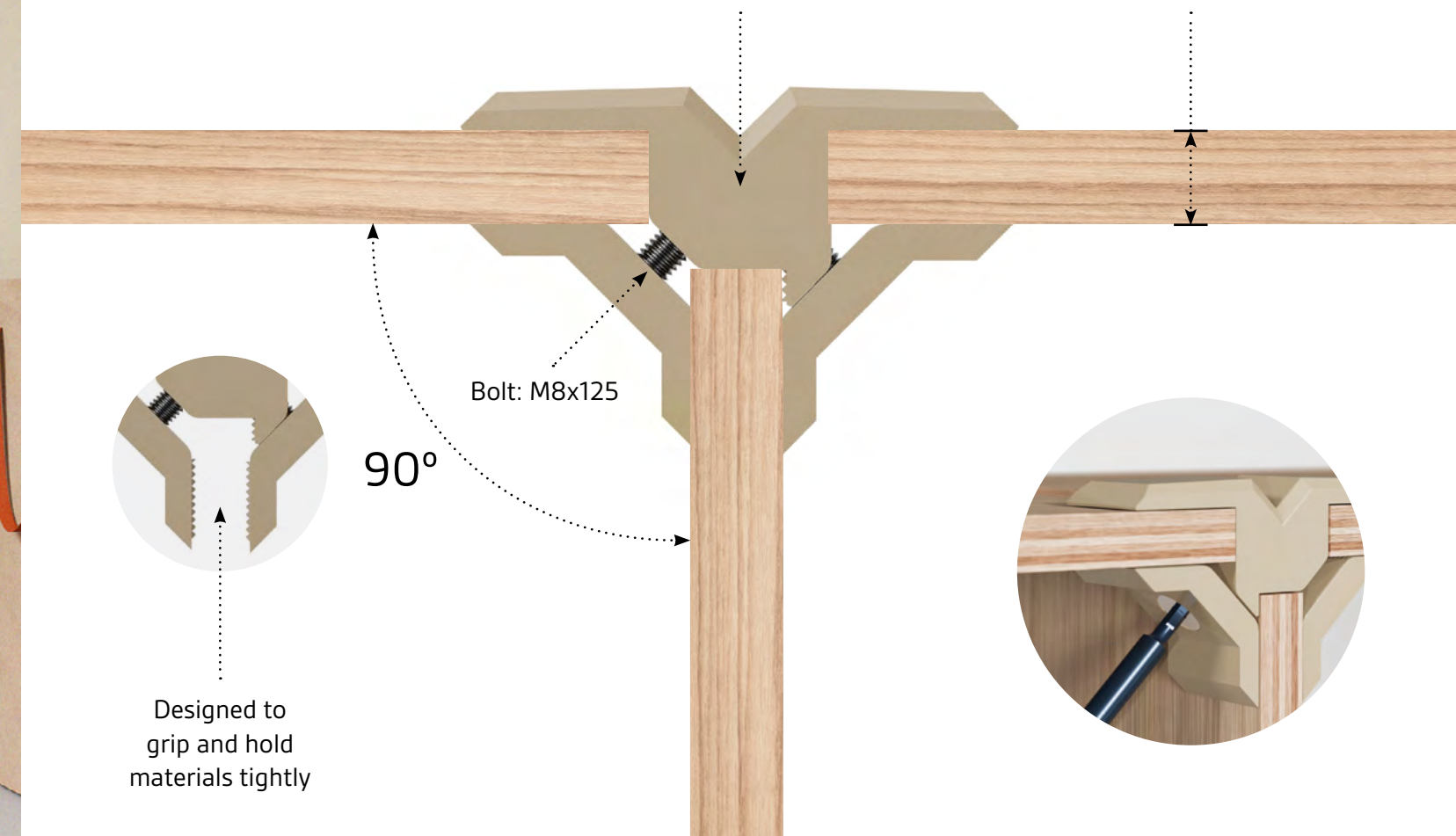
## T-SHAPE

The T-SHAPE connector forms a strong right angle between three panels. Each clamp is made from high-tech reinforced plastic, built to handle heavy loads.



Advanced  
High-Strength  
Plastic

Supports Panel  
Thicknesses Between  
5/8" And 3/4"



Designed to  
grip and hold  
materials tightly

















90°

Bolt: M8x125

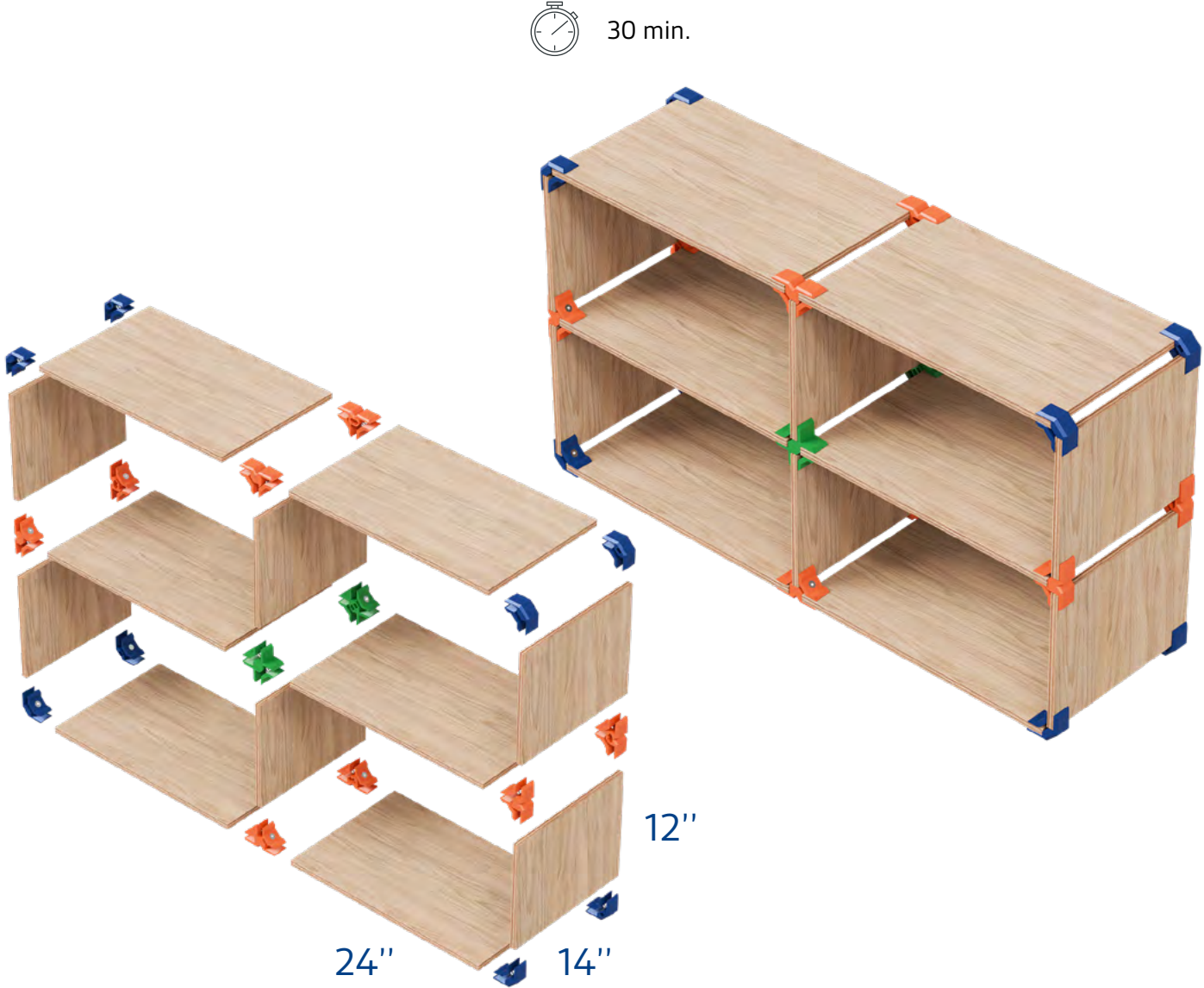







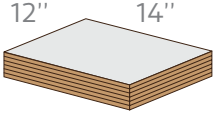
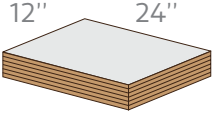

Pantone & Wood Color Tones

Color	SKU		Color	SKU	
Black	<a href="#">PCTB</a>		Yellow (Pantone 136C)	<a href="#">PCTYE</a>	
White	<a href="#">PCTW</a>		Olive (Pantone 363C)	<a href="#">PCTOL</a>	
Silver Gray (Pantone 429C)	<a href="#">PCTSL</a>		Azure (Pantone 299C)	<a href="#">PCTAZ</a>	
Red (Pantone 200C)	<a href="#">PCTRD</a>		Black Walnut	<a href="#">PCTBW</a>	
Green (Pantone 355C)	<a href="#">PCTGR</a>		Classic Birch	<a href="#">PCTCB</a>	
Orange (Pantone 165C)	<a href="#">PCTOR</a>		Clay Brown	<a href="#">PCTCBR</a>	
Navy Blue (Pantone 294C)	<a href="#">PCTNB</a>		Rosewood	<a href="#">PCTRO</a>	
Blue (Pantone 286C)	<a href="#">PCTBL</a>		White Oak	<a href="#">PCTWO</a>	

Sample Design



Parts required for assembly

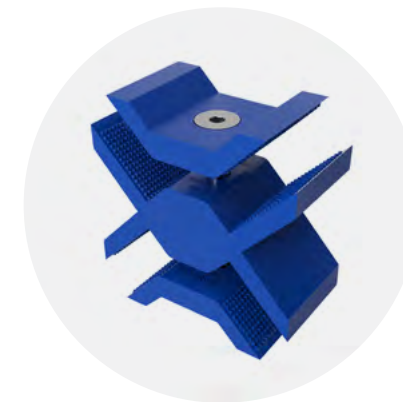
8 x	2 x	8 x	6 x	6 x	1 x
					
90°	CROSS	T-SHAPE			TALLENSMM





# CROSS

The CROSS connector forms a strong right angle between four panels. Each clamp is made from high-tech reinforced plastic, built to handle heavy loads.



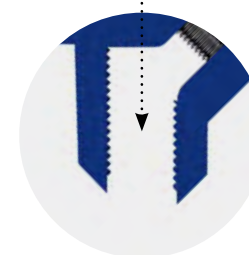
Advanced High-Strength Plastic

Supports Panel Thicknesses Between 5/8" And 3/4"

Designed to grip and hold materials tightly




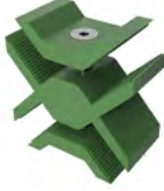
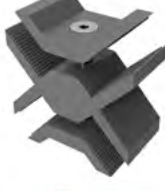
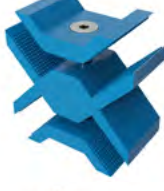

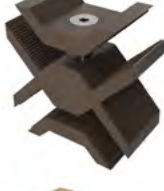






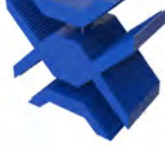

Bolt: M8x125

90°



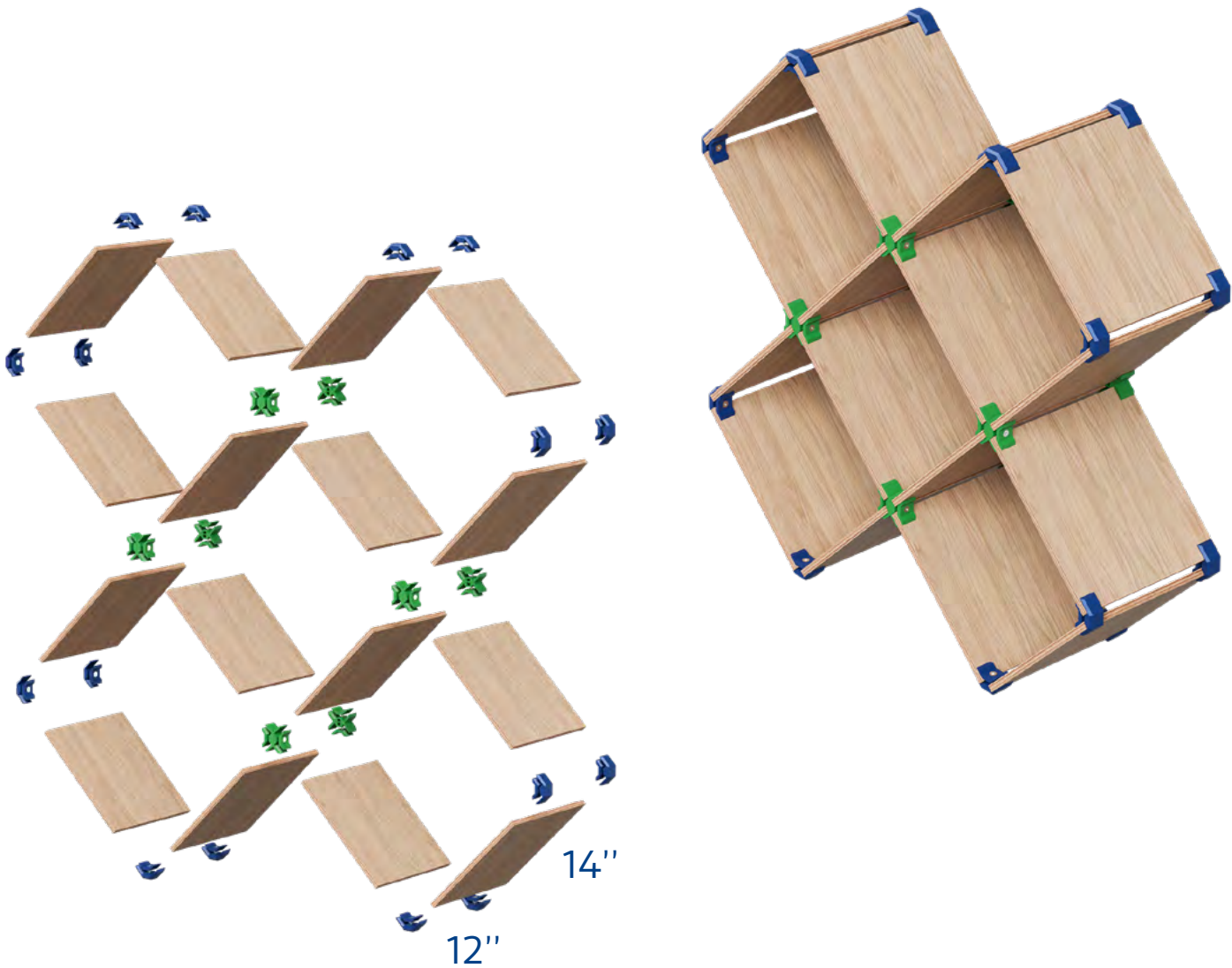


Pantone & Wood Color Tones

Color	SKU		Color	SKU	
Black	<a href="#">PCCROSSB</a>		Yellow (Pantone 136C)	<a href="#">PCCROSSYE</a>	
White	<a href="#">PCCROSSW</a>		Olive (Pantone 363C)	<a href="#">PCCROSSOL</a>	
Silver Gray (Pantone 429C)	<a href="#">PCCROSSSL</a>		Azure (Pantone 299C)	<a href="#">PCCROSSAZ</a>	
Red (Pantone 200C)	<a href="#">PCCROSSRD</a>		Black Walnut	<a href="#">PCCROSSBW</a>	
Green (Pantone 355C)	<a href="#">PCCROSSGR</a>		Classic Birch	<a href="#">PCCROSSCB</a>	
Orange (Pantone 165C)	<a href="#">PCCROSSOR</a>		Clay Brown	<a href="#">PCCROSSCBR</a>	
Navy Blue (Pantone 294C)	<a href="#">PCCROSSNB</a>		Rosewood	<a href="#">PCCROSSRO</a>	
Blue (Pantone 286C)	<a href="#">PCCROSSBL</a>		White Oak	<a href="#">PCCROSSWO</a>	

Sample Design

 30 min.



Parts required for assembly

16 x



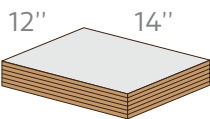
90°

8 x



CROSS

16 x



1 x



TALLE5MM

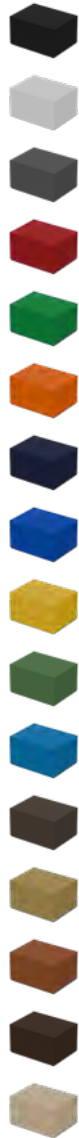


ABS Hole Plugs

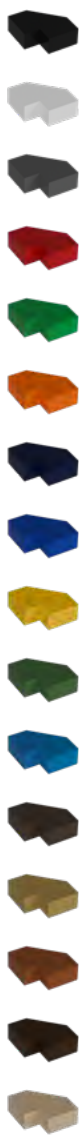


ABS Hole Plug for Panel Connectors (Bag Of 10 Pieces)

Color	SKU
Black	<a href="#">PCPB</a>
White	<a href="#">PCPW</a>
Silver Gray (Pantone 429C)	<a href="#">PCPSL</a>
Red (Pantone 200C)	<a href="#">PCPRD</a>
Green (Pantone 355C)	<a href="#">PCPRD</a>
Orange (Pantone 165C)	<a href="#">PCPOR</a>
Navy Blue (Pantone 294C)	<a href="#">PCPNB</a>
Blue (Pantone 286C)	<a href="#">PCPBL</a>
Yellow (Pantone 136C)	<a href="#">PCPYE</a>
Olive (Pantone 363C)	<a href="#">PCPOL</a>
Azure (Pantone 299C)	<a href="#">PCPAZ</a>
Black Walnut	<a href="#">PCPBW</a>
Classic Birch	<a href="#">PCPCB</a>
Clay Brown	<a href="#">PCPCBR</a>
Rosewood	<a href="#">PCPRO</a>
White Oak	<a href="#">PCPWO</a>

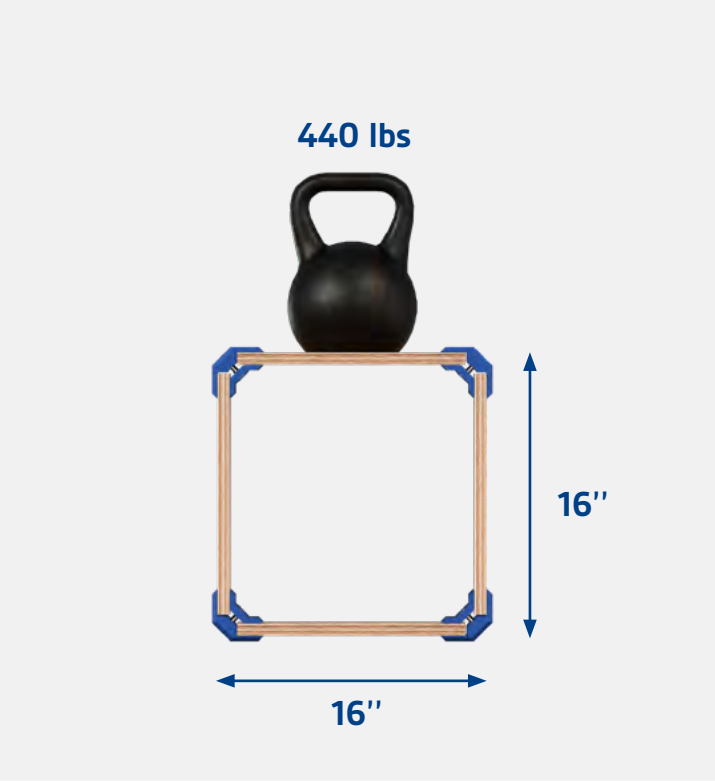


Color	SKU
Black	<a href="#">PCTPB</a>
White	<a href="#">PCTPW</a>
Silver Gray (Pantone 429C)	<a href="#">PCTPSL</a>
Red (Pantone 200C)	<a href="#">PCTPRD</a>
Green (Pantone 355C)	<a href="#">PCTPGR</a>
Orange (Pantone 165C)	<a href="#">PCTPOR</a>
Navy Blue (Pantone 294C)	<a href="#">PCTPNB</a>
Blue (Pantone 286C)	<a href="#">PCTPBL</a>
Yellow (Pantone 136C)	<a href="#">PCTPYE</a>
Olive (Pantone 363C)	<a href="#">PCTPOL</a>
Azure (Pantone 299C)	<a href="#">PCTPAZ</a>
Black Walnut	<a href="#">PCTPBW</a>
Classic Birch	<a href="#">PCTPCB</a>
Clay Brown	<a href="#">PCTPCBR</a>
Rosewood	<a href="#">PCTPRO</a>
White Oak	<a href="#">PCTPWO</a>



Load Capacity

The structures resistance depends on the material used and their shape.



How to Build Safe Structures

Open structures higher than 20" can be unstable - too long planks can bend.

