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## Optical Tables, Breadboards, Supports

CleanTop Optical Table Performance Series  
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**Joining Optical Tables**  
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CleanTop Optical Breadboards  
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### Joining Optical Tables with Rigid Couplings



#### Overview

CleanTop Optical Tops are available in individual sections up to 1.5m x 4.8m (5' x 16'). Complex beam-path requirements often require even larger sizes which is achieved by coupling tops. To be effective, the coupling must not compromise stiffness, damping, or flatness across the joints.

By welding a proprietary precision ground and aligned joiner plate system to the top's structural elements, TMC provides a rigid coupling between optical tables. TMC's unique process

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Hybrid Honeycomb Breadboards (/products/cleantopticaltopsandsupports/hybrid-honeycomb-breadboard)	includes alignment techniques that ensure that the tops maintain their high flatness specifications without distortion from the heat effects of welding the joiner plates to the tops.  The design ensures that tops may be decoupled and supported individually or in the coupled state.	opoptica (/products/cleantopticaltopsandsupports/opticaltopsandsupportsystems)
► Optical Table Support (Leg) Systems (/products/cleantopticaltopsandsupports/opticaltopsandsupportsystems)	Joined Tables configurations are available with any of the TMC Performance Series or Speciality Series tops	s)
CleanTop Accessories and Options (/products/cleantopticaltopsandsupports/cleantopaccessories)	<b>Joined Table Advantage</b> +	
	<b>Performance</b> +	
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