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Type of support	Displacement boundary conditions	Force boundary conditions	
z + FREE x.	None	All, as specified	
z PINNED x	u = 0 w = 0	Moment is specified	
ROLLER (vertical)	u = 0	Transverse force and moment are specified	-
ROLLER (horizontal)	w = 0	Horizontal force and bending moment are specified	
FIXED or CLAMPED	u = 0 w = 0 dw/dx = 0	None specified	[From Reddy, Finite Element Method]



































