

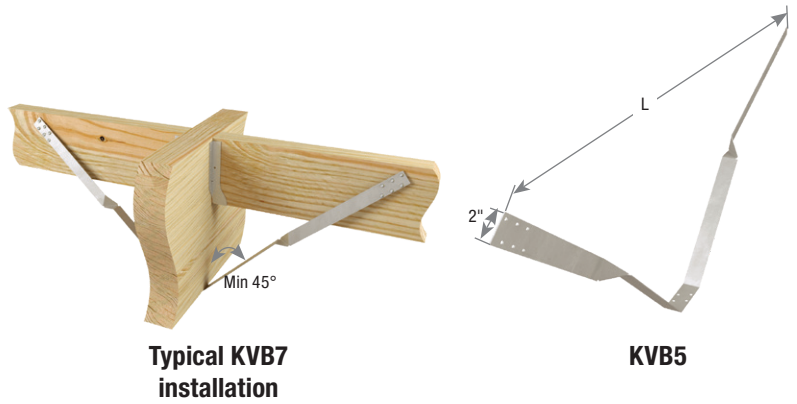
**KVB** – Installs with MiTek’s WS3 structural wood screws for higher load capacity. It can be retrofit into existing framing

**KVBI** – Installs with common nails. Designed to be used with I-Joist purlins

**Materials:** 12 gauge  
**Finish:** G90 galvanizing  
**Codes:** IBC, FL, LA

**Installation:**

- Use all specified fasteners. See Product Notes, page 18.
- MiTek’s WS3 structural wood screws are included with KVB shipments.
- Install flanges at angles of 45° or more to the vertical plane to assure proper lateral resistance.



MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule <sup>1,2</sup>				DF/SP Allowable Tension Loads (Lbs.)			Code Ref.
			Beam Depth	L	Beam		Joist		100%	125%	160%	
					Qty	Type	Qty	Type				
KVB5	VB5	12	10 - 15	60	4	WS3	12	WS3	1920	1920	1920	IBC, FL, LA
KVB7	VB7	12	15 - 22-1/2	84	4	WS3	12	WS3	1920	1920	1920	
KVB8	VB8	12	22-1/2 - 28-1/2	96	4	WS3	12	WS3	1920	1920	1920	
KVB10	VB10	12	28-1/2 - 36	120	4	WS3	12	WS3	1920	1920	1920	
KVB12	VB12	12	36 - 42	144	4	WS3	12	WS3	1920	1920	1920	
KVBI5	--	12	10 - 15	60	4	10d	12	10d	895	1060	1275	
KVBI7	--	12	15 - 22-1/2	84	6	10d	12	10d	895	1060	1275	
KVBI8	--	12	22-1/2 - 28-1/2	96	6	10d	12	10d	895	1060	1275	
KVBI10	--	12	28-1/2 - 36	120	6	10d	12	10d	895	1060	1275	
KVBI12	--	12	36 - 42	144	6	10d	12	10d	895	1060	1275	

1) MiTek’s WS3 structural wood screws are 1/4" dia. x 3" long and are included with specified KVB models.  
 2) **NAILS:** 10d nails are 0.148" dia. x 3" long.