

KGLB Load Table

MiTek USP Stock No.	Ref. No.	Dimensions (in)				Bolt Schedule		Allowable Bearing Loads (Lbs.) ^{1,4,5}	
		W	L	T	D	Qty	Dia.	Masonry @ 375 psi ²	
								Concrete ³	
KGLB5A	GLB5A	5-1/4	7	1/4	5	1	5/8	11790	11790
KGLB5B	GLB5B	5-1/4	7	3/8	6	1	5/8	14145	14145
KGLB5C	GLB5C	5-1/4	7	3/8	7	1	5/8	16505	16505
KGLB5D	GLB5D	5-1/4	7	3/8	8	1	5/8	18860	18860
KGLB7A	GLB7A	6-7/8	9	1/4	5	1	3/4	15525	15525
KGLB7B	GLB7B	6-7/8	9	3/8	6	1	3/4	18630	18630
KGLB7C	GLB7C	6-7/8	9	3/8	7	1	3/4	21735	21735
KGLB7D	GLB7D	6-7/8	9	3/8	8	1	3/4	24840	24840

- 1) Beams must fully bear on plates.
- 2) The loads are based on the bearing value listed times the bearing area equal to W x D.
(Note that full bearing plate area is not used.) Bearing loads shall be reduced where limited by wood bearing on the plate.
- 3) The loads on concrete are based on allowable wood bearing stress perpendicular to the grain of 460 psi and actual beam width times beam bearing length.
- 4) Designer shall specify minimum edge and spacing requirements in masonry or concrete structure.
- 5) Concrete or masonry support structure is assumed adequate to support loads listed.

KHGLB / KGLBT Load Table

MiTek USP Stock No.	Ref. No.	Dimensions (in)				Bolt Schedule		Allowable Bearing Loads (Lbs.) ^{1,5}					F2 ^{3,4}	Uplift 160 ³
		Range W	D	L	T			Masonry @ 375 psi	On Concrete with Beam Width ²					
						5-1/8	6-3/4		8-3/4	10-3/4				
											Qty	Dia.	160%	Min. 3-1/8 Beam Width (W)
KHGLBA	HGLBA	3-1/4 to 9	5	10	3/8	2	3/4	18750	11790	15525	20125	-- --	9870	3905
KHGLBB	HGLBB	3-1/4 to 9	6	10	3/8	2	3/4	22500	14145	18630	24150	---	9870	3905
KHGLBC	HGLBC	3-1/4 to 9	7	10	3/8	2	3/4	26250	16505	21735	28175	-- --	9870	3905
KHGLBD	HGLBD	3-1/4 to 9	8	10	3/8	2	3/4	30000	18860	24840	32200	---	9870	3905
KGLBT512	GLBT512	3-1/4 to 11	5-1/4	12	5/16	2	3/4	24750	12965	17080	22140	27200	9870	3905
KGLBT612	GLBT612	3-1/4 to 11	6-1/2	12	3/8	2	3/4	29250	15325	20185	26165	32145	9870	3905
KGLBT516	GLBT516	3-1/4 to 15	5-1/4	16	5/16	2	3/4	27200	12965	17080	22140	27200	9870	3905
KGLBT616	GLBT616	3-1/4 to 15	6-1/2	16	3/8	2	3/4	32145	15325	20185	26165	32145	9870	3905
KGLBT520	GLBT520	3-1/4 to 19	5-1/4	20	5/16	2	3/4	27200	12965	17080	22140	27200	9870	3905
KGLBT620	GLBT620	3-1/4 to 19	6-1/2	20	3/8	2	3/4	32145	15325	20185	26165	32145	9870	3905

- 1) Beams must fully bear on plates.
- 2) The loads on concrete are based on allowable wood bearing stress perpendicular to the grain of 460 psi and actual beam width times beam bearing length.
- 3) Allowable loads have been increased 60% for wind or seismic loads and are based on bolt in wood values only.
Loads assume concrete or masonry structure is adequate to resist loads in those directions.
- 4) Loads must be reduced if the allowable lateral load (F2) for masonry or concrete column governs.
- 5) Designer shall specify minimum edge and spacing requirements in masonry or concrete structure.