

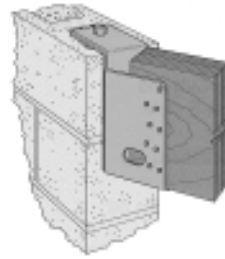
HANGER OPTIONS

MBHA

See Hanger Options General Notes.

SKewed SEAT

- Seat can be skewed at 45° only. The maximum allowable download is 3495 lbs and 1585 lbs uplift for Height 7.25. For all other models, use the table listed download and uplift of 2390 lbs.



Typical MBHA Installation

LEG/MEG/EG

See Hanger Options General Notes.

SKewed SEAT—TOP FLANGE MODELS ONLY

- The LEG/MEG/EG series can be skewed up to 45°. The maximum allowable load is 10,000 lbs. for LEG and MEG, 14,250 lbs. for EG.

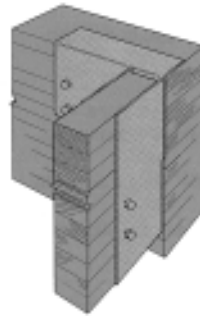
SLOPED SEAT—TOP FLANGE MODELS ONLY

- The LEG/MEG/EG series can be sloped up to 45°. The maximum allowable load is 9665 lbs; see illustration.

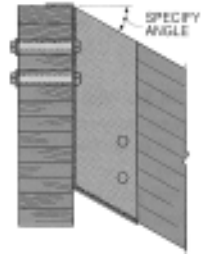
NO SLOPED AND SKewed COMBO AVAILABLE.

OFFSET TOP FLANGE

- The LEG/MEG top flange may be offset left or right for placement at the end of a header (min W = 3, min H = 11¼) (see illustration). The maximum allowable load is 5665 lbs.
- No skews allowed on offset hangers.



Typical LEG/MEG Top Flange Offset Left



Typical LEG/MEG/EG Sloped Down Installation

WM/WMI/WMU

See Hanger Options General Notes.

INSTALLATION: • Bevel-cut the joist for skewed hangers (see illustration).

HANGER HEIGHT

- For hanger heights exceeding the joist height, the allowable load is 0.50 of the table load.

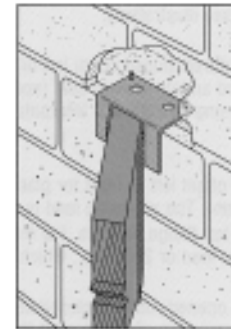
SLOPED AND/OR SKewed SEAT

- WM/WMI/WMUs may be skewed and/or sloped to 45° maximum.
- The allowable load is 100% of the table load.

OFFSET TOP FLANGE

- The top flange may be offset left or right for placement at the end of a header. The allowable load is 0.50 of the table roof load.

Model No.	W	H	Fasteners			Uplift (133 & 160)
			Joist	Top	Face	
WMU	1½ to 7½	9 to 18	6-10dx1½	2-16d DPLX	4-¾x1" Masonry	660
	1½ to 7½	18½ to 22½	6-10dx1½	2-16d DPLX	4-¾x1" Masonry	660
	1½ to 7½	23 to 28	6-10dx1½	2-16d DPLX	4-¾x1" Masonry	625



Typical WM Sloped Down, Skewed Right Blocked Wall Installation

MSC

See Hanger Options General Notes.

INSTALLATION: • Distribute the total load evenly about the centerline to avoid eccentric loading.

- Fasten all built-up members together as one unit.
- Net height will be calculated based on specified valley rafter depth and slope by the factory unless noted otherwise.

SLOPED AND/OR SKewed VALLEYS

- The valley rafter stirrups can be sloped & skewed to 45°.
- The total design load of the hanger is split between the ridge rafter (20%) and each valley rafter (40%).
- For two valley rafter connections with no ridge rafter member, divide the total load by two for each valley rafter load.

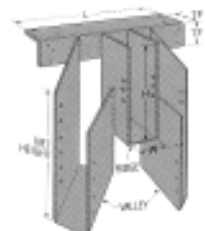
CODE: BOCA, ICBO, SBCCI NER-432.



Typical MSC4 Installation



MSC1.81 with Valley rafter skewed 45°, and sloped 0°



MSC4 with Valley Rafters sloped and skewed 45°

Model No.	Dimensions				Fasteners		Hips		Allowable Loads (100 & 125)		
	W	H (Min)	TF	L	Header	Joist	Max. Skew	Max. Slope	Hip	Jack	Total
MSC2	1½	5½	2¼	12	10-16d	18-10dx1½	45°	0°	2535	1265	6335
						26-10dx1½		45°	2010	1005	5025
MSC1.81	1½	5½	2¼	12	10-16d	18-10dx1½	45°	0°	2535	1265	6335
						26-10dx1½		45°	2010	1005	5025
MSC4	3½	7½	2¼	18	10-16d	18-10d	45°	0°	3335	1665	8335
						26-10d		45°	3335	1665	8335

1. For valley rafters with combined slope and skews between 0° and 45°, use 45° slope and skew loads.
2. Use total load when there is no center member.
3. MSC4 is available in 3½" Glulam width.
4. MSC1.81 and MSC2 available in saddle conditions. (order MSCD1.81)