

The information listed only applies to hangers manufactured by MiTek® and installed according to the instructions listed in this catalog. Some of the options listed may not have been evaluated on a single hanger. The designer must always evaluate each connection, including the joist and header capacities, before specifying a specialty connector. MiTek sloped hangers are manufactured with the plumb cut of the joist already calculated. If a hanger with a different height is needed, it must be specified at the time of ordering.

Materials: Steel gauge may vary from that specified depending on the specialty option and manufacturing process used. Some formed hangers may be welded when modifying the hanger. Hanger configurations, fastener schedules, and height may vary from the tables depending on the joist size, skew, and slope.

Finish: See specific hanger option tables. Welded hangers are painted with gray primer. Non-catalog hangers available in Hot-dip galvanized, use HDG after product number.

Allowable Loads: For multiple options for the same connector, use the most conservative reduction to give the lowest design load. See specific hanger option tables for applicable load reductions and maximum tolerances. Reference Specialty Options Summary Table for MiTek series catalog page references.

Installation:

- Fill all nail holes with fasteners specified in the tables.
- Fastener quantities may increase from the amount listed in the tables depending on hanger option.
- NA16D-RS and NA20D nails are supplied with hangers.
- For bevel cut skewed hangers, the end of joist must be bevel cut; for square cut skewed hangers, the end of joist must be square cut.

Codes: Modified hangers are not code evaluated due to their numerous variations.

Specialty Options Summary Table

MiTek USP Series	Width	Skewed (Maximum)	Sloped Seat (Maximum)	Sloped / Skewed	Sloped Top Flange (Maximum)	Top Flange Offset	Saddle Hanger	Ridge Hanger (Maximum)	Inverted Flange	Uplift	Weldability	MiTek Series Catalog Page Reference
BPH	all	50°	45°	•	45°					•	•	218
FWH	all	70°				•					•	194
FWH/S	all	70°				•					•	337
FWHBP	all	70°									•	196
FWHFM	all	70°									•	200
FWHH	all	70°									•	198
GHF	all	50°	45°	•				•	width > 4-1/2"	•		233
HBPH	all	50°	45°	•	45°					•	•	218
HD ^{1,2}	1-3/4" or less	67-1/2"	45°	•				•	width > 2-1/4"	•		208
	> 1-3/4"	50°										
HDO	1-3/4" or less	67-1/2"	45°	•				•	width > 3-1/8"	•		167
	> 1-3/4"	50°										
HGU	all	45°						•	one flange width > 5-1/4"	•		232
HGUM								•	one flange			187
HJC	all	60°								•		281
HLBH	all	50°	45°	•	45°	•	•	45°			•	219
HUS	all							•	width > 2-1/4"	•		140
HWUH	all	45°	45°	•		•	•			•		190
IHFL/IHF	1-3/4" or less	67-1/2"	45°	•				•	width > 2-1/4"	•		206
	> 1-3/4"	50°										
KB	all									•	•	166
KEG	all	45°	45°							•		235
KGB	all									•	•	236
KGH	all	45°					•					63
KGLS	all	50°	45°	•	30°	•	•			•	•	238
KGLST	all						•			•	•	238
KGLT	all	50°	45°	•	45°	•	•			•	•	237
KHGB	all									•	•	236
KHGLS	all	50°	45°		30°	•	•			•	•	238
KHGLST	all						•			•	•	238
KHGLT	all	50°	45°	•	45°	•	•			•	•	237
KHHB	all									•	•	236
KHW	all	84°	45°	•	35°	•	•	45°		•	•	168
KLB	all										•	166
KLEG	all	45°	45°			•				•		235
KMEG	all	45°	45°			•				•		235
LGU	all	45°						•	one flange width > 3-5/8"	•		232
LGUM								•	one flange			187
LSSH	all	45°	45°	•						•		174
MGU	all	45°						•	one flange width > 5-1/4"	•		232
MPH ¹	all	60°	45°	•		•						188
MSHA	all	75°								•		278
MSHL/R	all	45°								•	•	276
NFM	all	45°								•		192
PHM	all	84°	45°	•	35°	•	•	45°		•	•	220
PHXU ¹	all	60°	45°	•	35°	•	•			•	•	220
SKH/SKHH	all	45°								•		175
SUH	1-3/4" or less	67-1/2"	45°	•						•		139
	> 1-3/4"	50°										
SW ¹ /SWH ¹	all	84°	45°	•	35°	•	•	45°		•	•	168
THD	all	45°	45°	•				•	one flange width > 3"	•		269
THDH	all	45°	45°	•						•		270
THF	> 1-3/4"	50°	45°	•				•	width > 2-1/4"	•		207

1) Skews greater than 45° will have square cut joist with back plate. Refer to Typical HLBH hanger skewed, left shown, square cut illustration on page 322.
 2) HD hanger widths less than 2-1/4" may have flanges inverted as a Custom, contact MiTek.
 New products or updated product information are designated in blue font.