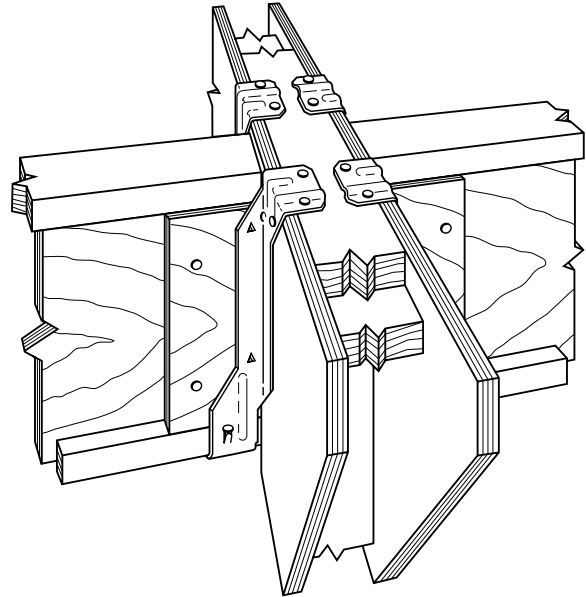


**TOP FLANGE HANGERS INSTALLED
OVER A PLYWOOD OR OSB SHEATHED WALL**

When top flange hangers are installed over a plywood or OSB sheathed wall, it may be necessary to reduce the load value for the following reasons:

1. Plywood or OSB tends to crush easier than solid wood.
2. The thickness of the plywood or OSB used on the sheathed wall brings the top flange nails closer to the edge of the top plate, which can split the top plate.

Independent laboratory tests were conducted on the top flange hangers listed below (face mount hangers are not acceptable for this application). Plywood or OSB 5/8" thick was nailed off perpendicular to the double top plate. The associated reduced load values are shown in the table. Refer to the current *Wood Construction Connectors* catalog for dimensions and installation requirements.



Typical top flange hanger installed over a plywood or OSB sheathed wall

Model No.	Header Fasteners ¹		Allowable Loads	
	Top	Face	Sheathed Wall ⁴	Standard ²
ITT	4-10dx1½	2-10dx1½	1235	1235
ITT	4-16d	2-16d	1560	1750
MIT	4-16d	4-16d	2075	2400
HIT	4-16d	6-16d	3050	3050
W and WI	2-10d	—	2200	2200
WNP, WP and WPI	3-16d ³	—	3255	3255
HW and HWI	4-16d	—	4030	5285

1. The nails designated 10d and 16d are common nails.
2. Standard load is based upon a solid sawn Douglas Fir header of adequate dimensions with no plywood or OSB between the carrying and the carried members.
3. Some WNP, WP, and WPI hangers may only have 2 top flange nails. Sheathed wall and standard loads are unchanged.
4. Assumes sheathing is flush with top of wall.