



Engineering Data

MATERIALS: 16 gauge galvanized steel
 Loads: 2,265 to 2,505

Watkins STOCK #	STEEL GAUGE	INSTALLED BEARING	DIMENSIONS			FASTNER SCHEDULE			ALLOWABLE LOADS				
						JOIST	CONCRETE		FLOOR	ROOF		UPLIFT	
			W	L	H		VERT.	HORZ.	100%	NON SNOW	SNOW	100%	133%
IFH28-11	16	3	1-1/2"	11	7	10 10DX 1-1/2	1 #5	2 #3	2265	2265	2265	1520	1265
IFH25-11	16	3	2-1/2"	11	7	10 10DX 1-1/2	1 #5	2 #3	2505	2505	2505	1520	1265
IFH48-11	16	3	3-1/2"	11	7	10 10DX 1-1/2	1 #5	2 #3	2505	2505	2505	1520	1265

* Bearing stiffeners are required when using I joists.

10d x 1 1/2 nails are 9 gauge (0.148 inch diameter by 1 1/2 inches long.

#3 is 3/8 diameter reinforcing steel meeting requirements of ASTM A.615 grade 40-min L=12"

#5 is 5/8 diameter reinforcing steel meeting requirements of ASTM A.615 grade 40-min L=36"

