

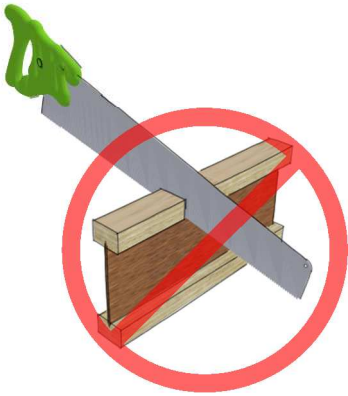


I-Joist Span Tables

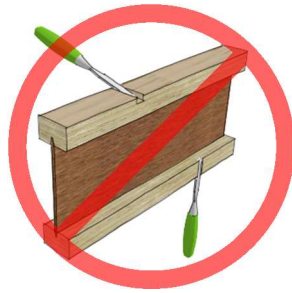
Series	Depth	Pieces / Pack Standard	Maximum Single Spans							
			Dead Load (G) = 0.75 kN/m ² Joist centers (mm)				Dead Load (G) = 1.25 kN/m ² Joist centers (mm)			
			300	400	480	600	300	400	480	600
SJ 45	200	43	4.58	4.25	4.05	3.74	4.34	4.02	3.77	3.47
SJ 45	220		4.85	4.5	4.29	4.04	4.6	4.27	4.07	3.75
SJ 45	240		5.11	4.74	4.52	4.26	4.85	4.5	4.29	4.02
SJ 45	300		5.84	5.41	5.16	4.84	5.54	5.14	4.88	4.61
SJ 45	360		6.49	6.02	5.73	5.41	6.16	5.7	5.4	5.13
SJ 60	200	33	4.89	4.53	4.32	4.07	4.64	4.3	4.1	3.79
SJ 60	220		5.18	4.81	4.58	4.31	4.92	4.56	4.34	4.09
SJ 60	240		5.46	5.06	4.82	4.55	5.18	4.8	4.57	4.31
SJ 60	300		6.23	5.78	5.5	5.18	5.91	5.48	5.22	4.9
SJ 60	360		6.92	6.42	6.11	5.76	6.56	6.08	5.79	5.42
SJ 60	400		7.35	6.81	6.49	6.1	6.97	6.46	6.14	5.79
SJ 90	200	23	5.37	4.97	4.73	4.45	5.09	4.71	4.48	4.22
SJ 90	220		5.69	5.27	5.02	4.72	5.39	4.99	4.75	4.47
SJ 90	240		5.99	5.55	5.28	4.97	5.68	5.26	5	4.71
SJ 90	300		6.83	6.33	6.02	5.67	6.47	5.99	5.7	5.37
SJ 90	360		7.58	7.02	6.68	6.29	7.19	6.65	6.33	5.95
SJ 90	400		8.04	7.45	7.09	6.68	7.63	7.06	6.72	6.3

*Live load for this Span table is in line with Residential requirements at 1.5kN/m².

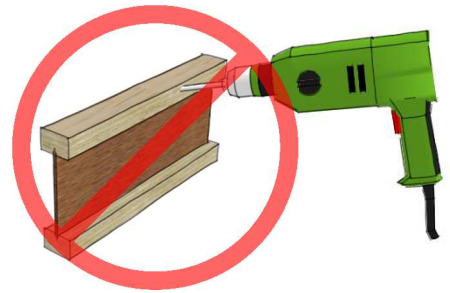
DO'S AND DON'TS OF I-JOIST CUTTING



DO NOT CUT
THE FLANGE



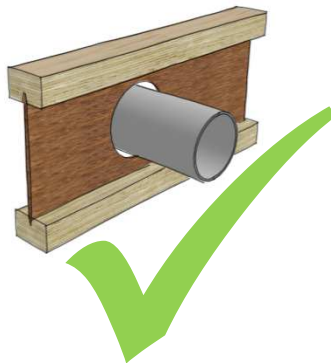
DO NOT NOTCH
THE FLANGE



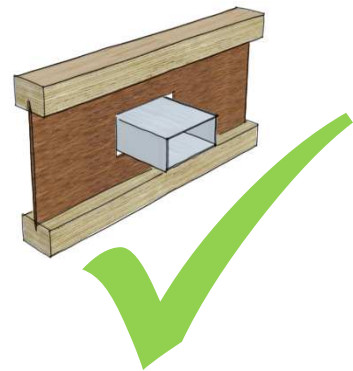
DO NOT DRILL
THE FLANGE



DO RUN PIPES
AND CABLES
THROUGH THE
WEB



DO RUN SVP
PIPES THROUGH
THE WEB



DO RUN MVHR
THROUGH THE
WEB

HOLE CHART

Minimum distance in mm from inside face of any support to nearest edge of hole.

Type	Depth (mm)	Round Hole Size (mm) / Rectangular Hole Width (mm)*							
		50	75	100	120	140	160	180	200
SJ 45	200	200	200	560					
	220	220	220	420	720				
	240	240	240	260	550	840			
	300	300	300	300	300	320	580	850	1120
	360	360	360	360	360	360	360	360	590
SJ 60	200	200	350	740					
	220	220	220	580	880				
	240	240	240	410	700	990			
	300	300	300	300	300	500	760	1020	1290
	360	360	360	360	360	360	360	550	800
	400	400	400	400	400	400	400	400	500
SJ 90	200	200	560	940					
	220	220	420	790	1080				
	240	240	290	640	930	1210			
	300	300	300	300	500	760	1020	1280	1540
	360	360	360	360	360	370	620	860	1100
	400	400	400	400	400	400	400	590	830

*Rectangular hole Height must be no greater than half the Width

This table is for single span joists with a standard domestic floor load applied 0,75 kN/m² dead 1,5 kN/m² live.

Maximal beam spacing: 600 mm / For service class 1 condition only

For other conditions please contact your STEICO engineered wood product distributor.

All holes to be positioned in the centre of the web.

**IF IN DOUBT THEN CALL YOUR SUPPLIER OR THE
WOOD CONCEPTS TECHNICAL TEAM BEFORE CUTTING ANY JOISTS.**

ONCE THEY ARE CUT IT MIGHT BE TOO LATE!!

WOOD CONCEPTS: TEL 01 8408388

EMAIL: TMS@TMS.IE