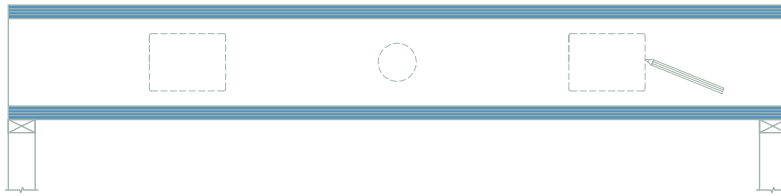
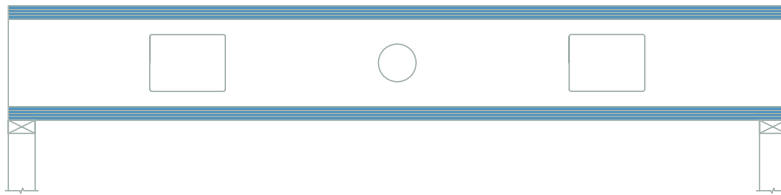


# Services Hole Guide

## 1 All holes to be considered before cutting



## 2 Maximum of 3 holes per span



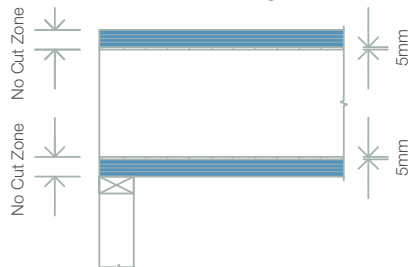
\*All holes <75mm are excluded from this total

## 3 Grouping of holes



\*Smaller holes can be grouped into a larger hole subject to the maximum size being within the service hole guide limits

## 4 Don't cut the blue flanges

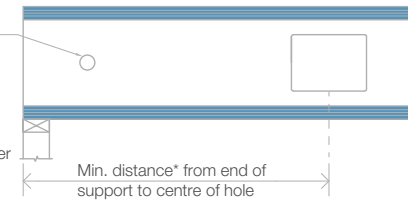


\*Flanges can be notched at supports as per installation guide, but no cuts on or within 5mm of the flange are allowed

## 5 Distance from end of support to centre of hole

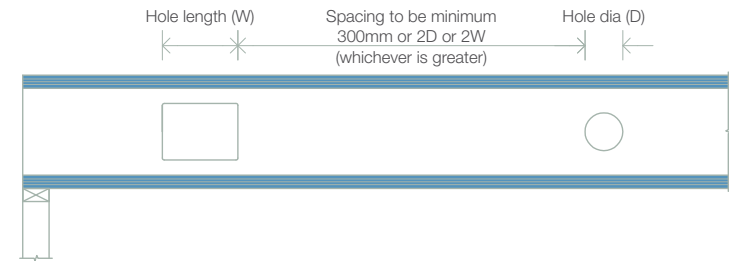
40mm diameter hole allowed anywhere in web with min. 300mm or 2D or 2W distance between hole (whichever is greater)

2D: Twice the hole diameter  
2W: Twice the hole length



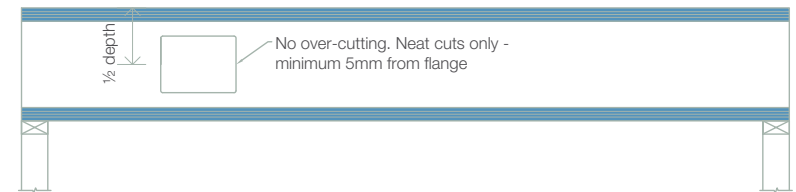
\*Refer to service hole guide for minimum distance from supports

## 6 Minimum hole spacing



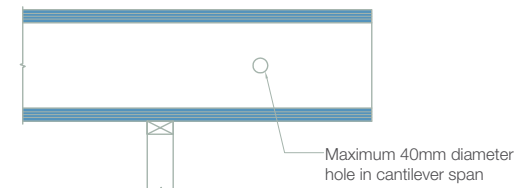
\*Minimum spacing between holes must be at least 300mm or twice the diameter or length of the largest opening (whichever is greater)

## 7 Position and neatness



\*Holes recommended to be mid height of joist

## 8 Cantilever holes



# Services Hole Guide

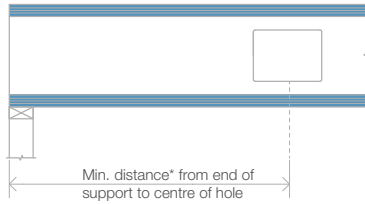
## SERVICES HOLE GUIDE (CIRCULAR HOLES)

Floor Joist Applications in  
Domestic Residences ONLY

Note:

1. Distance from support is measured from the end of the support to the centre of the hole.
2. Web hole locations can be interpolated for intermediate spans.
3. Web hole depth may be limited by depth of joist and 5mm clearance requirement to flange.
4. NS - Not Suitable.

Distance from end of support to  
centre of hole



\*Refer to service hole guide for minimum distance from supports

e-joist Section Code	Installed Span (mm)	Circular Holes						
		ø75	ø100	ø125	ø150	ø175	ø200	ø250
		Minimum distance from end of support to centre of hole (mm)						
ej20045	3000	390	390	600	NS	NS	NS	NS
	4000	390	500	1100	NS	NS	NS	NS
	5000	390	1000	1600	NS	NS	NS	NS
ej24045	3500	390	390	390	490	NS	NS	NS
	4500	390	390	390	990	NS	NS	NS
	5500	390	390	890	1490	NS	NS	NS
ej24063 ej25563 ej26563	4000	390	390	390	750	NS	NS	NS
	5000	390	390	640	1250	NS	NS	NS
	6000	390	540	1140	1750	NS	NS	NS
ej24090 ej26590	4500	390	390	410	1010	NS	NS	NS
	5500	390	390	910	1510	NS	NS	NS
	6500	390	810	1410	2010	NS	NS	NS
ej30045	4500	390	390	390	390	390	750	NS
	5500	390	390	390	390	690	1250	NS
	6500	390	390	390	540	1150	1750	NS
ej30063	4500	390	390	390	390	390	760	NS
	5500	390	390	390	390	650	1260	NS
	6500	390	390	390	550	1150	1760	NS
	7000	390	390	390	800	1400	2010	NS
ej30090	5000	390	390	390	390	420	1020	NS
	6000	390	390	390	390	920	1570	NS
	7000	390	390	390	820	1420	2020	NS
	7500	390	390	460	1070	1670	2270	NS
ej36063 ej40063	5000	390	390	390	390	390	390	770
	6000	390	390	390	390	390	390	1270
	7000	390	390	390	390	390	570	1770
	7500	390	390	390	390	390	820	2020
ej36090 ej40090	5000	390	390	390	390	390	390	780
	6000	390	390	390	390	390	390	1280
	7000	390	390	390	390	390	580	1780
	8000	390	390	390	390	470	1080	2280

# Services Hole Guide

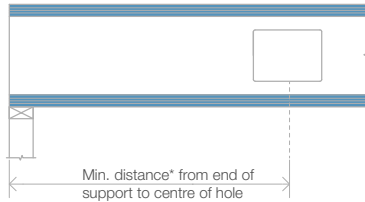
## SERVICES HOLE GUIDE (SQUARE & RECTANGULAR HOLES)

Floor Joist Applications in  
Domestic Residences ONLY

Note:

1. Distance from support is measured from the end of the support to the centre of the hole.
2. Web hole locations can be interpolated for intermediate spans.
3. Web hole depth may be limited by depth of joist and 5mm clearance requirement to flange.
4. NS - Not Suitable.

Distance from end of support to  
centre of hole



\*Refer to service hole guide for minimum distance from supports

e-joist Section Code	Installed Span (mm)	Square Holes						
		75x75	100x100	125x125	150x150	175x175	200x200	250x250
		Minimum distance from end of support to centre of hole (mm)						
ej20045	3000	430	440	670	NS	NS	NS	NS
	4000	430	550	1170	NS	NS	NS	NS
	5000	430	1050	1670	NS	NS	NS	NS
ej24045	3500	430	440	460	570	NS	NS	NS
	4500	430	440	460	1070	NS	NS	NS
	5500	430	440	960	1570	NS	NS	NS
ej24063 ej25563 ej26563	4000	430	440	460	830	NS	NS	NS
	5000	430	440	710	1330	NS	NS	NS
	6000	430	590	1210	1830	NS	NS	NS
ej24090 ej26590	4500	430	440	480	1090	NS	NS	NS
	5500	430	440	980	1590	NS	NS	NS
	6500	430	860	1480	2090	NS	NS	NS
ej30045	4500	430	440	460	470	480	850	NS
	5500	430	440	460	470	780	1350	NS
	6500	430	440	460	620	1240	1850	NS
ej30063	4500	430	440	460	470	480	860	NS
	5500	430	440	460	470	740	1360	NS
	6500	430	440	460	630	1240	1860	NS
	7000	430	440	460	880	1490	2110	NS
ej30090	5000	430	440	460	470	510	1120	NS
	6000	430	440	460	470	1010	1670	NS
	7000	430	440	460	900	1510	2120	NS
	7500	430	440	530	1150	1760	2370	NS
ej36063 ej40063	5000	430	440	460	470	480	490	900
	6000	430	440	460	470	480	490	1400
	7000	430	440	460	470	480	670	1900
	7500	430	440	460	470	480	920	2150
ej36090 ej40090	5000	430	440	460	470	480	490	910
	6000	430	440	460	470	480	490	1410
	7000	430	440	460	470	480	680	1910
	8000	430	440	460	470	560	1180	2410

e-joist Section Code	Installed Span (mm)	Rectangular Holes				
		125 x 250	150 x 300	175 x 350	200 x 400	250 x 500
		Minimum distance from end of support to centre of hole (mm)				
ej20045	3000	730	NS	NS	NS	NS
	4000	1230	NS	NS	NS	NS
	5000	1730	NS	NS	NS	NS
ej24045	3500	520	640	NS	NS	NS
	4500	520	1140	NS	NS	NS
	5500	2390	2480	NS	NS	NS
ej24063 ej25563 ej26563	4000	520	900	NS	NS	NS
	5000	770	1400	NS	NS	NS
	6000	2700	2770	NS	NS	NS
ej24090 ej26590	4500	540	1160	NS	NS	NS
	5500	1040	1660	NS	NS	NS
	6500	1540	2160	NS	NS	NS
ej30045	4500	520	540	920	1200	NS
	5500	1490	1900	2090	2200	NS
	6500	3120	3140	3190	3200	NS
ej30063	4500	520	540	570	960	NS
	5500	520	1200	1660	1870	NS
	6500	2610	2770	2870	2930	NS
	7000	3380	3410	3440	3460	NS
ej30090	5000	520	540	600	1220	NS
	6000	520	540	1100	1770	NS
	7000	520	970	1600	2220	NS
	7500	520	1220	1850	2470	NS
	5000	520	540	570	590	1020
ej36063 ej40063	6000	520	540	650	1290	1810
	7000	520	1640	2180	2440	2730
	7500	520	2550	2830	2990	3190
	5000	520	540	570	590	1030
ej36090 ej40090	6000	520	540	570	590	1530
	7000	520	540	570	780	2030
	8000	520	540	570	1620	2530



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