



Boise Cascade Engineered Wood Products

El Values of I-Joist Comparisons

Based on Simple Spans @ 16"O/C (40 LL / 10 DL)

3/8/2024

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		Boise Cascade		Trus Joist		Blue Linx		LP		Roseburg				Boise Cascade		Blue Linx		Nortic		LP		Roseburg											
		LVL Flange		LVL Flange		LVL Flange		LVL Flange		LVL Flange				Solid Wd Flange		Solid Wd Flange		Solid Wd Flange		Solid Wd Flange		Solid Wd Flange											
Depth	Series	El	Series	El	Series	El	Series	El	Series	El	Depth	Series	El	Series	El	Series	El	Series	El	Series	El	Series	El										
9-1/2"	BCI4500	155	TJI110	157	NA	NA	NA	NA	RFPI20	165	9-1/2"	AJS 140	173	NA	NA	NI20	145	LPI-18	142	RFPI5	NA												
11-7/8"	BCI4500	260	TJI110	267	NA	NA	NA	NA	RFPI20	283	11-7/8"	AJS 140	295	NA	NA	NI20	253	LPI-18	248	RFPI5	NA												
14"	BCI4500	380	TJI110	392	NA	NA	NA	NA	RFPI 20	420	14"	AJS 140	NA	NA	NA	NI20	NA	LPI-18	371	RFPI5	NA												
16"	BCI4500	515	TJI110	NA	NA	NA	NA	NA	RFPI 20	NA	16"	AJS 140	NA	NA	NA	NI20	NA	LPI-18	NA	RFPI5	NA												
9-1/2"	BCI5000	175	TJI210	186	BLI 400	NA	NA	NA	RFPI400	193	9-1/2"	AJS150	194	BLI40	193	NI40x	218	LPI-20	185	RFPI40S	193												
11-7/8"	BCI5000	295	TJI210	315	BLI 400	NA	NA	NA	RFPI400	330	11-7/8"	AJS150	331	BLI40	330	NI40x	371	LPI-20	318	RFPI40S	330												
14"	BCI5000	430	TJI210	462	BLI 400	NA	NA	NA	RFPI400	486	14"	AJS150	487	BLI40	482	NI40x	540	LPI-20	474	RFPI40S	482												
16"			TJI210	629					RFPI400	665	16"	AJS150	664	BLI40	657	NI40x	NA	LPI-20	652	RFPI40S	657												
9-1/2"	BCI6000	200	TJI230	206	NA	NA	NA	NA	RFPI 40	215	9-1/2"	AJS 20	232	BLI60	NA	NI60	231	LPI-32	243	RFPI60S	231												
11-7/8"	BCI6000	335	TJI230	347	NA	NA	NA	NA	RFPI 40	366	11-7/8"	AJS 20	394	BLI60	396	NI60	396	LPI-32	406	RFPI60S	396												
14"	BCI6000	490	TJI230	509	NA	NA	NA	NA	RFPI 40	540	14"	AJS 20	578	BLI60	584	NI60	584	LPI-32	589	RFPI6-S	584												
16"	BCI6000	660	TJI230	691	NA	NA	NA	NA	RFPI 40	737	16"	AJS 20	786	BLI60	799	NI60	799	LPI-32	791	RFPI60S	799												
18"											18"	AJS 20	NA	BLI60	1046	NI60	1019	LPI-32	NA	RFPI60S	NA												
9-1/2"	BCI60	NA	TJI360	NA	NA	NA	NA	LPI36	NA	RFPI 70	266	9-1/2"	AJS190	244	NA	NA	NI70	304	LPI-42	321	NA	NA											
11-7/8"	BCI60	450	TJI360	419	BLI 700	420	LPI36	429	RFPI 70	455	11-7/8"	AJS190	414	NA	NA	NI70	515	LPI-42	547	NA	NA												
14"	BCI60	660	TJI360	612	BLI 700	613	LPI36	622	RFPI 70	672	14"	AJS190	608	NA	NA	NI70	749	LPI-42	802	NA	NA												
16"	BCI60	895	TJI360	830	BLI 700	841	LPI36	836	RFPI 70	918	16"	AJS190	827	NA	NA	NI70	1015	LPI-42	1092	NA	NA												
9-1/2"	BCI90	NA	TJI560	NA	BLI 900	NA	LPI56	NA	RFPI 90	NA	9-1/2"	AJS25	307	BLI 80	NA	NI80	324	LPI-52	NA	RFPI80S	NA												
11-7/8"	BCI90	675	TJI560	636	BLI 900	661	LPI56	668	RFPI 90	676	11-7/8"	AJS25	519	BLI80	547	NI80	547	LPI-52	600	RFPI80S	547												
14"	BCI90	980	TJI560	926	BLI 900	965	LPI56	968	RFPI 90	992	14"	AJS25	756	BLI80	802	NI80	802	LPI-52	874	RFPI80S	802												
16"	BCI90	1330	TJI560	1252	BLI 900	1306	LPI56	1301	RFPI 90	1350	16"	AJS25	1028	BLI80	1092	NI80	1092	LPI-52	1183	RFPI80S	1092												
18"	BCI90	1620	TJI560	1631	BLI 900	NA	LPI56	NA	RFPI 90	NA	18"	AJS25	1427	BLI80	1413	NI80X	1399	LPI-52	NA	RFPI80S	NA												
20"	BCI90	2056	TJI560	2064	BLI 900	NA	LPI56	NA	RFPI 90	NA	20"	AJS25	1813	BLI80	NA	NI80X	1771	LPI-52	NA	RFPI80S	NA												
22"	BCI90	2548	TJI560	2606	BLI 900	NA	LPI56	NA	RFPI 90	NA	22"	AJS25	2249	BLI80	NA	NI80X	2191	LPI-52	NA	RFPI80S	NA												
24"	BCI90	3099	TJI560	3165	BLI 900	NA	LPI56	NA	RFPI 90	NA	24"	AJS25	2737	BLI80	NA	NI80X	2660	LPI-52	NA	RFPI80S	NA												
<p>The information contained in this comparison was taken from the followin desgin guides; *** Boise Cascde Design Guide 7-19-2011 AJS Guide 6-15-12 *** TJI Design Guide TJ-4000 10/11 & TJ-4005 3/2012 *** Roseburg Forest Products March 2018 *** LP Design Guide LPEW0357 8/12 *** Nordic Engineered Wood Design Guide N-U201 April 2009 & N-U204 Feb. 2010 *** BlueLinx Design Guclde Item # OCLPG 2012</p>												9-1/2"	AJS24	270	BLI90	NA	NI90x	NA															
												11-7/8"	AJS24	457	BLI90	601	NI90x	615															
												14"	AJS24	670	BLI90	877	NI90x	910															
												16"	AJS24	911	BLI90	1187	NI90x	1245															
												18"	AJS30	1575	BLI90	1546	NI90x	NA															
												20"	AJS30	1998	BLI90	NA																	
												22"	AJS30	2477																			
												24"	AJS30	3012																			

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KUIKEN BROTHERS COMPANY INC.
RESIDENTIAL & COMMERCIAL BUILDING MATERIALS *Since 1912*



Boise Cascade Engineered Wood Products

Moment Values of I-Joist Comparisons

Based on Simple Spans @ 16"O/C (40 LL / 10 DL)

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Boise Cascade											Trus Joist											Blue Linx				LP				Roseburg			
LVL Flange		LVL Flange		LVL Flange		LVL Flange		LVL Flange		LVL Flange		Solid Wd Flange		Solid Wd Flange		Solid Wd Flange		Solid Wd Flange		Solid Wd Flange													
Depth	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment	Series	Moment											
9-1/2"	BCI4500	2360	TJI110	2500	NA	NA	NA	NA	RFPI20	2820	9-1/2"	AJS 140	2452	NA	NA	NI20	2590	LPI-18	2365	NA	NA												
11-7/8"	BCI4500	3025	TJI110	3160	NA	NA	NA	NA	RFPI20	3640	11-7/8"	AJS 140	3175	NA	NA	NI20	3355	LPI-18	3100	NA	NA												
14"	BCI4500	3585	TJI110	3740	NA	NA	NA	NA	RFPI20	4330	14"	AJS 140	NA	NA	NA	NI20	NA	LPI-18	3720	NA	NA												
16"	BCI4500	4090	TJI110	NA	NA	NA	NA	NA	RFPI20	NA	16"	AJS 140	NA	NA	NA	NI20	NA	LPI-18	NA	NA	NA												
9-1/2"	BCI5000	2725	TJI210	3000	BLI 400	NA	NA	NA	RFPI400	3345	9-1/2"	AJS150	2820	BLI40	2735	NI40x	2900	LPI-20	2810	RFPI40S	2735												
11-7/8"	BCI5000	3485	TJI210	3795	BLI 400	NA	NA	NA	RFPI400	4315	11-7/8"	AJS150	3650	BLI40	3545	NI40x	3760	LPI-20	3755	RFPI40S	3545												
14"	BCI5000	4130	TJI210	4490	BLI 400	NA	NA	NA	RFPI400	5140	14"	AJS150	4390	BLI40	4270	NI40x	4530	LPI-20	4400	RFPI40S	4270												
16"			TJI210	5140					RFPI400	5880	16"	AJS150	NA	BLI40	4950	NI40x	NA	LPI-20	5050	RFPI40S	4950												
9-1/2"	BCI6000	3165	TJI230	3330	NA	NA	NA	NA	RFPI 40	3760	9-1/2"	AJS 20	3395	BLI60	NA	NI60x	3810	LPI-32	3620	RFPI60S	3780												
11-7/8"	BCI6000	4060	TJI230	4215	NA	NA	NA	NA	RFPI 40	4855	11-7/8"	AJS 20	4400	BLI60	4900	NI60x	4935	LPI-32	4690	RFPI60S	4900												
14"	BCI6000	4815	TJI230	4990	NA	NA	NA	NA	RFPI 40	5785	14"	AJS 20	5295	BLI60	5895	NI60x	5945	LPI-32	5645	RFPI60S	5895												
16"	BCI6000	5495	TJI230	5710	NA	NA	NA	NA	RFPI 40	6615	16"	AJS 20	6140	BLI60	6835	NI60x	6895	LPI-32	6545	RFPI60S	6835												
18"											18"	AJS 20	NA	BLI60	7895	NI60	NA	LPI-32	NA	RFPI60S	NA												
9-1/2"	BCI60	NA	TJI360	NA	NA	NA	LPI36	NA	RFPI 70	5130	9-1/2"	AJS190	3895	NA	NA	NI70	5120	LPI-42	5375	NA	NA												
11-7/8"	BCI60	6235	TJI360	6180	BLI 700	6595	LPI36	6445	RFPI 70	6645	11-7/8"	AJS190	5045	NA	NA	NI70	6635	LPI-42	6965	NA	NA												
14"	BCI60	7440	TJI360	7335	BLI 700	7865	LPI36	7755	RFPI 70	7925	14"	AJS190	6070	NA	NA	NI70	7990	LPI-42	8390	NA	NA												
16"	BCI60	8520	TJI360	8405	BLI 700	9010	LPI36	8995	RFPI 70	9080	16"	AJS190	7040	NA	NA	NI70	9265	LPI-42	9725	NA	NA												
9-1/2"	BCI90	NA	TJI560	NA	BLI 900	NA	LPI56	NA	RFPI 90	NA	9-1/2"	AJS25	5370	BLI 80	NA	NI80	5385	LPI-52	NA	RFPI80S	NA												
11-7/8"	BCI90	9550	TJI560	9500	BLI 900	10255	LPI56	10170	RFPI 90	10145	11-7/8"	AJS25	6960	BLI80	6940	NI80	6980	LPI-52	8475	RFPI80S	6970												
14"	BCI90	11390	TJI560	11275	BLI 900	12235	LPI56	12250	RFPI 90	12100	14"	AJS25	8380	BLI80	8360	NI80	8405	LPI-52	10205	RFPI80S	8390												
16"	BCI90	13050	TJI560	12925	BLI 900	14020	LPI56	14205	RFPI 90	13865	16"	AJS25	9720	BLI80	9690	NI80	9745	LPI-52	11835	RFPI80S	9730												
18"	BCI90	14985	TJI560	14550	BLI 900	NA	LPI56	NA	RFPI 90	NA	18"	AJS25	10975	BLI80	11000	NI80x	10990	LPI-52	NA	RFPI80S	NA												
20"	BCI90	16795	TJI560	16165	BLI 900	NA	LPI56	NA	RFPI 90	NA	20"	AJS25	12270	BLI80	NA	NI80x	12315	LPI-52	NA	RFPI80S	NA												
22"	BCI90	18610	TJI5600	18075	BLI 900	NA	LPI56	NA	RFPI 90	NA	22"	AJS25	13455	BLI80	NA	NI80x	13645	LPI-52	NA	RFPI80S	NA												
24"	BCI90	20420	TJI5600	19700	BLI 900	NA	LPI56	NA	RFPI 90	NA	24"	AJS25	14625	BLI80	NA	NI80x	14975	LPI-52	NA	RFPI80S	NA												
<p>The information contained in this comparison was taken from the following design guides:</p> <ul style="list-style-type: none"> *** Boise Cascade Design Guide 7-19-2011 AJS Guide 6-15-12 *** TJI Design Guide TJ-4000 10/11 & TJ-4005 3/2012 *** Roseburg Forest Products March 2018 *** LP Design Guide LPEW0357 8/12 *** Nordic Engineered Wood Design Guide N-U201 April 2009 & N-U204 Feb. 2010 *** BlueLinX Design Guide Item # OCLPG 2012 											9-1/2"	AJS24	4005	BLI90	NA	NI90x	NA																
11-7/8"	AJS24	5190	BLI90	8515	NI90x	9465																											
14"	AJS24	6250	BLI90	10255	NI90x	11415																											
16"	AJS24	7245	BLI90	11895	NI90x	13100																											
18"	AJS30	13905	BLI90	13455	NI90x	NA																											
20"	AJS30	15540																															
22"	AJS30	17040																															
24"	AJS30	18525																															

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Boise Cascade Engineered Wood Products

Shear I-Joist Comparisons

Based on Simple Spans @ 16"O/C (40 LL / 10 DL)

3-8-2024

Shear Values

Depth	Boise Cascade		Trus Joist		Blue Linx		LP		Roseburg		Depth	Boise Cascade		Blue Linx		Nortic		LP		Roseburg	
	Series	Shear	Series	Shear	Series	Shear	Series	Shear	Series	Shear		Series	Shear	Series	Shear	Series	Shear	Series	Shear	Series	Shear
9-1/2"	BCI4500	1475	TJI110	1220	NA	NA	NA	NA	RFPI 20	1220	9-1/2"	AJS 140	1160	NA	NA	NI20	1120	LPI-18	1130	NA	NA
11-7/8"	BCI4500	1625	TJI110	1560	NA	NA	NA	NA	RFPI 20	1420	11-7/8"	AJS 140	1490	NA	NA	NI20	1420	LPI-18	1335	NA	NA
14"	BCI4500	1825	TJI110	1860	NA	NA	NA	NA	RFPI 20	1610	14"	AJS 140	NA	NA	NA	NI20	NA	LPI-18	1510	NA	NA
16"	BCI4500	1975	TJI110	NA	NA	NA	NA	NA	RFPI 20	NA	16"	AJS 140	NA	NA	NA	NI20	NA	LPI-18	NA	NA	NA
9-1/2"	BCI5000	1475	TJI210	1330	BLI 400	NA	NA	NA	RFPI400	1220	9-1/2"	AJS150	1160	BLI40	1120	NI40x	1200	LPI-20	1260	RFPI40S	1120
11-7/8"	BCI5000	1625	TJI210	1655	BLI 400	NA	NA	NA	RFPI400	1480	11-7/8"	AJS150	1490	BLI40	1420	NI40x	1480	LPI-20	1485	RFPI40S	1420
14"	BCI5000	1825	TJI210	1945	BLI 400	NA	NA	NA	RFPI400	1710	14"	AJS150	1790	BLI40	1710	NI40x	1730	LPI-20	1680	RFPI40S	1710
16"			TJI210	2190							16"	AJS150	NA	BLI40	1970	NI40x	NA	LPI-20	1870	RFPI40S	1970
9-1/2"	BCI6000	1575	TJI230	1330	NA	NA	NA	NA	RFPI 40	1330	9-1/2"	AJS 20	1160	BLI60	NA	NI60x	1200	LPI-32	1260	RFPI60S	1120
11-7/8"	BCI6000	1675	TJI230	1655	NA	NA	NA	NA	RFPI 40	1550	11-7/8"	AJS 20	1490	BLI60	1420	NI60x	1480	LPI-32	1485	RFPI60S	1420
14"	BCI6000	1925	TJI230	1945	NA	NA	NA	NA	RFPI 40	1770	14"	AJS 20	1790	BLI60	1710	NI60x	1730	LPI-32	1680	RFPI60S	1710
16"	BCI6000	2175	TJI230	2190	NA	NA	NA	NA	RFPI 40	1970	16"	AJS 20	2065	BLI60	1970	NI60x	1970	LPI-32	1870	RFPI60S	1970
18"											18"	AJS 20	NA	BLI60	2250	NI60	NA	LPI-32	NA	RFPI60S	NA
9-1/2"	BCI60	NA	TJI360	NA	NA	NA	LPI36	NA	RFPI 70	1330	9-1/2"	AJS190	1160	NA	NA	NI70	1200	LPI-42	1340	NA	NA
11-7/8"	BCI60	1825	TJI360	1705	BLI 700	1420	LPI36	1615	RFPI 70	1550	11-7/8"	AJS190	1490	NA	NA	NI70	1480	LPI-42	1625	NA	NA
14"	BCI60	1925	TJI360	1955	BLI 700	1710	LPI36	1830	RFPI 70	1770	14"	AJS190	1790	NA	NA	NI70	1730	LPI-42	1875	NA	NA
16"	BCI60	2175	TJI360	2190	BLI 700	1970	LPI36	2020	RFPI 70	1970	16"	AJS190	2065	NA	NA	NI70	1970	LPI-42	2115	NA	NA
9-1/2"	BCI90	NA	TJI560	NA	BLI 900	NA	LPI56	NA	RFPI 90	NA	9-1/2"	AJS25	1160	BLI 80	NA	NI80	1200	LPI-52	NA	RFPI80S	NA
11-7/8"	BCI90	2175	TJI560	2050	BLI 900	1925	LPI56	2055	RFPI 90	2050	11-7/8"	AJS25	1490	BLI80	1420	NI80	1480	LPI-52	2055	RFPI80S	1590
14"	BCI90	2350	TJI560	2390	BLI 900	2125	LPI56	2330	RFPI 90	2195	14"	AJS25	1790	BLI80	1710	NI80	1730	LPI-52	2330	RFPI80S	1835
16"	BCI90	2550	TJI560	2710	BLI 900	2330	LPI56	2585	RFPI 90	2330	16"	AJS25	2065	BLI80	1970	NI80	1970	LPI-52	2585	RFPI80S	2070
18"	BCI90	2750	TJI560	3030	BLI 900	NA	LPI56	NA	RFPI 90	NA	18"	AJS25	3010	BLI80	2300	NI80x	2360	LPI-52	NA	RFPI80S	NA
20"	BCI90	2850	TJI560	3345	BLI 900	NA	LPI56	NA	RFPI 90	NA	20"	AJS25	3240	BLI80	NA	NI80x	2450	LPI-52	NA	RFPI80S	NA
22"	BCI90	3235	TJI5600	3605	BLI 900	NA	LPI56	NA	RFPI 90	NA	22"	AJS25	3470	BLI80	NA	NI80x	2530	LPI-52	NA	RFPI80S	NA
24"	BCI90	3440	TJI5600	3200	BLI 900	NA	LPI56	NA	RFPI 90	NA	24"	AJS25	3690	BLI80	NA	NI80x	2800	LPI-52	NA	RFPI80S	NA
<p>The information contained in this comparison was taken from the followin desgin guides; *** Boise Cascdle Design Guide 7-19-2011 AJS Guide 6-15-12 *** TJI Design Guide TJ-4000 10/11 & TJ-4005 3/2012 *** Roseburg Forest Products March 2018 *** LP Design Guide LPEW0357 8/12 *** Nordic Engineered Wood Design Guide N-U201 April 2009 & N-U204 Feb. 2010 *** BlueLinx Design Gukde Item # OCLPG 2012</p>											9-1/2"	AJS24	1160	BLI90	NA	NI90x	NA				
											11-7/8"	AJS24	1490	BLI90	1420	NI90x	2055				
											14"	AJS24	1790	BLI90	1710	NI90x	2210				
											16"	AJS24	2065	BLI90	1970	NI90x	2325				
											18"	AJS30	3010	BLI90	2450	NI90x	NA				
											20"	AJS30	3240								
											22"	AJS30	3470								
											24"	AJS30	3690								

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(LVL Flange) I-Joist Comparison Chart @ 16" O/C 40/LL-10/DL 7/11/2023						(Solid Sawn Flange) I-Joist Comparison Chart @ 16" O/C 40/LL- 10 DL				
L/480	TJI's/Weyco	Boise BCI's	BlueLinks/UFP	Roseburg	PWI	Roseburg	Boise All-Joist	BlueLinks/ UFP	Nordic NI's	PWI
1-3/4" LVL Flange						2-1/2" Solid Sawn Flange				
9-1/2"	TJI110 - 15'-6"	BCI4500 -15'-6"	N/A	RFPI20 - 15'-9"	N/A	N/A	AJS140 - 16'-3"	N/A	NA	NA
11-7/8"	TJI110 - 18'-5"	BCI4500 -18'-4"	N/A	RFPI20 - 18'-9"	N/A	N/A	AJS140 - 19'-4"	N/A	NA	NA
14"	TJI110 - 20'-11"	BCI4500 - 20'-7"	N/A	RFPI20 - 21'-4"	N/A	N/A	N/A	N/A	NA	NA
2" to 2-1/16" LVL Flange						2-1/2" Solid Sawn Flange				
9-1/2"	TJI210 - 16'-3"	BCI5000 -16'-0"	N/A	RFPI400 - 16'-5"	PWI/53L 16'-10"	N/A	AJS190 - 17'-8"	N/A	NI20 - 15'-3"	PWI/18S 15'-2"
11-7/8"	TJI210 - 19'-3"	BCI5000 -19'-0"	N/A	RFPI400 -19'-7"	PWI/53L 19'-11"	N/A	AJS190 - 21'-0"	N/A	NI20 - 18'-3"	PWI18S 18'-1"
14"	TJI210 - 21'-10"	BCI5000 - 21'-7"	N/A	RFPI400 - 22'-3"	PWI/53L 22'-7"	N/A	AJS190 - 23'-10"	N/A	NA	NA
2-5/16" LVL Flange						2-1/2" Solid Sawn Flange				
9-1/2"	TJI230 - 16'-8"	BCI6000 -16'-8"	N/A	RFPI40 - 16'-11"	N/A	RFPI40S - 16'-5"	AJS150 - 16'-7"	BLI40 - 16'-5"	NI40x - 17'-0"	PWI/20S - 16'-2"
11-7/8"	TJI230 - 19'-10"	BCI6000 -19'-8"	N/A	RFPI40 - 20'-2"	N/A	RFPI40S - 19'-7"	AJS150 - 19'-8"	BLI40 - 19'-7"	NI40x - 20'-3"	PWI/20S - 19'-4"
14"	TJI230 - 22'-6"	BCI6000 - 22'-5"	N/A	RFPI40 - 22'-11"	N/A	RFPI40S - 22'-3"	AJS150 - 22'-4"	BLI40 - 22'-3"	NI40x - 22'-11"	PWI/20S - 22'-0"
2-5/16" LVL Flange						2-1/2" Solid Sawn Flange				
9-1/2"	N/A	N/A	N/A	RFPI70 - 18'-0"	N/A	RFPI60S - 17'-4"	AJS/20 - 17'-5"	N/A	NI60x - 17'-4"	PWI/32S - 17'-0"
11-7/8"	TJI360 - 20'-11"	BCI60 - 21'-6"	BLI700 - 21'-0"	RFPI70 - 21'-6"	PWI/70L 21'-3"	RFPI60S - 20'-8"	AJS/20 - 20'-8"	BLI60 - 20'-8"	NI60x - 20'-8"	PWI/32S - 20'-2"
14"	TJI360 - 23'-8"	BCI60 - 24'-5"	BLI700 - 23'-10"	RFPI70 - 24'-5"	PWI/70L 24'-2"	RFPI60S - 23'-6"	AJS/20 - 23'-6"	BLI60 - 23'-6"	NI60x - 23'-6"	PWI/32S - 22'-10"
16"	TJI360 - 26'-6"	BCI60 - 27'-0"	BLI700 - 26'-5"	RFPI70 - 27'-1"	PWI/70L 26'-9"	RFPI60S - 26'-0"	AJS/20 - 26'-0"	BLI60 - 26'-0"	NI60x - 26'-0"	PWI/32S - 25'-3"
3-1/2" LVL Flange						3-1/2" Solid Sawn Flange				
9-1/2"	N/A	N/A	N/A	N/A	N/A	N/A	AJS25 - 18'-10"	N/A	NI70 - 18'-9"	NA
9-1/2"							AJS/24 - 18'-2"			
11-7/8"	TJI560 - 23'-8"	BCI90 - 24'-3"	BLI900 - 24'-0"	RFPI90 - 24'-1"	PWI/90L 24'-1"	RFPI80S - 22'-8"	AJS25 - 22'-5"	BLI80 - 22'-8"	NI70 - 22'-3"	PWI/42S - 22'-8"
11-7/8"							AJS/24 - 21'-7"	BLI65 -21'-5"	NI80x - 22'-8"	
							AJS/24		NI90 - 23'-3"	
									NI90x - 23'-6"	
14"	TJI560 - 26'-10"	BCI90 - 27'-5"	BLI900 - 27'-2"	RFPI90 - 27'-5"	PWI/90L 27'-4"	RFPI80S - 25'-9"	AJS25 - 25'-5"	BLI80 - 25'-9"	NI70 - 25'-3"	PWI/42S - 25'-9"
14"							AJS/24 - 24'-6"	BLI65 -24'-3"	NI80x - 25'-9"	
									NI90 - 26'-5"	
									NI90x - 26'-9"	
16"	TJI560 - 29'-8"	BCI90 - 30'-4"	BLI900 - 30'-1"	RFPI90 - 30'-4"	PWI/90L 30'-3"	RFPI80S - 28'-6"	AJS25 - 27'-10"	BLI80 - 28'-6"	NI70 - 27'-11"	PWI/42S - 28'-6"
								BLI65 -26'-10"	NI80x - 28'-8"	
									NI90 - 29'-2"	
									NI90x - 29'-8"	

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** Yellow box items are Boise I-Jost that are stock items *****Always check for availability and products changes before p



(LVL Flange) I-Joist Comparison Chart @ 12" O/C 40/LL-10/DL 7/11/2023

L/480	TJI's/Weyco	Boise BCI's	BlueLinks/UFP	Roseburg	PWI
1-3/4" LVL Flange					
9-1/2"	TJI110 - 16'-11"	BCI4500 -16'-11"	N/A	RFPI20 - 17'-2"	N/A
11-7/8"	TJI110 - 20'-2"	BCI4500 -20'-0"	N/A	RFPI20 - 20'-6"	N/A
14"	TJI110 - 22'-10"	BCI4500 - 22'-9"	N/A	RFPI20 - 23'-4"	N/A
2" to 2-1/16" LVL Flange					
9-1/2"	TJI210 - 17'-9"	BCI5000 -17'-6"	N/A	RFPI400 - 18'-0"	PWI/53L 18'-5"
11-7/8"	TJI210 - 21'-1"	BCI5000 -20'-9"	N/A	RFPI400 -21'-5"	PWI/53L 21'-10"
14"	TJI210 - 23'-11"	BCI5000 - 23'-7"	N/A	RFPI400 24'-4"	PWI/53L 24'-8"
2-5/16" LVL Flange					
9-1/2"	TJI230 - 18'-3"	BCI6000 -18'-2"	N/A	RFPI40 - 18'-7"	N/A
11-7/8"	TJI230 - 21'-8"	BCI6000 -21'-7"	N/A	RFPI40 - 22'-1"	N/A
14"	TJI230 - 24'-8"	BCI6000 - 24'-6"	N/A	RFPI40 - 25'-2"	N/A
2-5/16" LVL Flange					
9-1/2"	N/A	N/A	N/A	RFPI70 - 19'-9"	N/A
11-7/8"	TJI360 - 22'-11"	BCI60 - 23'-7"	BLI700 - 23'-0"	RFPI70 - 23'-7"	PWI/70L 23'-4"
14"	TJI360 - 26'-0"	BCI60 - 26'-9"	BLI700 - 26'-1"	RFPI70 - 26'-10"	PWI/70L 26'-6"
16"	TJI360 - 28'-9"	BCI60 - 29'-7"	BLI700 - 29'-0"	RFPI70 - 29'-9"	PWI/70L 29'-3"
3-1/2" LVL Flange					
9-1/2"	N/A	N/A	N/A	N/A	N/A
9-1/2"					
11-7/8"	TJI560 - 26'-1"	BCI90 - 26'-7"	BLI900 - 26'-4"	RFPI90 - 26'-6"	PWI/90L 26'-5"
11-7/8"					
14"	TJI560 - 29'-6"	BCI90 - 30'-1"	BLI900 - 29'-11"	RFPI90 - 30'-1"	PWI/90L 30'-0"
14"					
16"	TJI560 - 32'-8"	BCI90 - 33'-4"	BLI900 - 33'-1"	RFPI90 - 33'-4"	PWI/90L 33'-2"

(Solid Sawn Flange) I-Joist Comparison Chart @ 12" O/C 40/LL- 10 DL

Roseburg	Boise All-Joist	BlueLinks/ UFP	Nordic NI's	PWI
2-1/2" Solid Sawn Flange				
N/A	AJS140 - 17'-9"	N/A	NA	NA
N/A	AJS140 - 21'-2"	N/A	NA	NA
N/A	N/A	N/A	NA	NA
2-1/2" Solid Sawn Flange				
N/A	AJS190 - 19'-4"	N/A	NI20 - 16'-7"	PWI/18S 16'-6"
N/A	AJS190 - 23'-0"	N/A	NI20 - 19'-11"	PWI/18S 19'-9"
N/A	AJS190 - 26'-1"	N/A	NA	NA
2-1/2" Solid Sawn Flange				
RFPI40S - 18'-0"	AJS150 - 18'-1"	BLI40 - 18'-0"	NI40x - 18'-8"	PWI/20S - 17'-9"
RFPI40S - 21'-5"	AJS150 - 21'-7"	BLI40 - 21'-5"	NI40x - 22'-2"	PWI/20S 21'-2"
RFPI40S - 24'-4"	AJS150 - 24'-6"	BLI40 - 24'-4"	NI40x - 25'-2"	PWI/20S 24'-1"
2-1/2" Solid Sawn Flange				
RFPI60S - 18'-11"	AJS/20 - 19'-0"	N/A	NI60x - 18'-11"	PWI/32S - 18'-9"
RFPI60S - 22'-7"	AJS/20 - 22'-8"	BLI60 - 22'-7"	NI60x - 22'-8"	PWI/32S- 22'-3"
RFPI60S - 25'-9"	AJS/20 - 25'-6"	BLI60 - 25'-9"	NI60x - 25'-9"	PWI/32S - 25'-2"
RFPI60S - 28'-6"	AJS/20 - 28'-6"	BLI60 - 28'-6"	NI60x - 28'-6"	PWI/32S - 27'-10"
3-1/2" Solid Sawn Flange				
N/A	AJS25 - 20'-8"	N/A	NI70 - 20'-6"	N/A
	AJS/24 - 19'-11"			
RFPI80S - 24'-11"	AJS25 - 24'-7"	BLI80 - 24'-11"	NI70 - 24'-5"	PWI/42S 24'-11"
	AJS/24 - 23'-8"	BLI65 - 23'-6"	NI80x - 24'-11"	
	AJS/24's		NI90 - 25'-7"	
			NI90x - 25'-9"	
RFPI80S - 28'-3"	AJS25 - 27'-10"	BLI80 - 28'-3"	NI70 - 27'-8"	PWI/42S - 28'-3"
	AJS/24 - 26'-10"	BLI65 - 26'-8"	NI80x - 28'-3"	
			NI90 - 29'-0"	
			NI90x - 29'-4"	
RFPI80S - 31'-4"	AJS25 - 28'-6"	BLI80 - 31'-4"	NI70 - 30'-8"	PWI/42S - 31'-4"
		BLI65 - 29'-6"	NI80x - 31'-4"	
			NI90 - 32'-1"	
			NI90x - 32'-7"	

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