

9-1/2" Product Comparison By Design Values

Manufacturer	Size	Series	(M) Moment	El x 10 ⁶ (Bending)	V (Shear)
PK-Joist	9-1/2"	PKI-10	2,365	168	1,260
PK-Joist	9-1/2"	PKI-60L	3,300	194	1,580
Trus Joist	9-1/2"	TJI-110	2,500	157	1,220
Boise Cascade	9-1/2"	BCI-4500s	2,360	155	1,475
Boise Cascade	9-1/2"	BCI-5000	2,460	160	1,475
Roseburg	9-1/2"	RFPI-20	2,820	165	1,220
Pacific WoodTech	9-1/2"	LPI-18	2,365	142	1,130

PK-Joist	9-1/2"	PKI-20	2,810	193	1,260
PK-Joist	9-1/2"	PKI-60L	3,300	194	1,580
Trus Joist	9-1/2"	TJI-210	3,000	186	1,330
Boise Cascade	9-1/2"	BCI-6000	3,165	190	1,575
Roseburg	9-1/2"	RFPI-40S	2,735	193	1,120
Roseburg	9-1/2"	RFPI-400	3,345	193	1,220
Pacific WoodTech	9-1/2"	LPI-20Plus	2,810	185	1,260
Pacific WoodTech	9-1/2"	LPI-530	4,000	207	1,340

PK-Joist	9-1/2"	PKI-23	3,330	226	1,260
PK-Joist	9-1/2"	PKI-70L	3,750	221	1,580
Trus Joist	9-1/2"	TJI-230	3,330	206	1,330
Boise Cascade	9-1/2"	BCI-6500	3,505	210	1,575
Roseburg	9-1/2"	RFPI-400	3,345	193	1,220
Roseburg	9-1/2"	RFPI-40	3,760	215	1,330
Roseburg	9-1/2"	RFPI-60S	3,780	231	1,120
Pacific WoodTech	9-1/2"	LPI-32Plus	3,620	243	1,260
Pacific WoodTech	9-1/2"	LPI-530	4,000	207	1,340

PK-Joist	9-1/2"	PKI-35 Plus	3,395	234	1,260
PK-Joist	9-1/2"	PKI-70L	3,750	221	1,580
Trus Joist	9-1/2"	TJI-230	3,330	206	1,330
Boise Cascade	9-1/2"	BCI-6500	3,505	210	1,575
Roseburg	9-1/2"	RFPI-400	3,345	193	1,220
Roseburg	9-1/2"	RFPI-40	3,760	215	1,330
Roseburg	9-1/2"	RFPI-60S	3,780	231	1,120
Pacific WoodTech	9-1/2"	LPI-32Plus	3,620	243	1,260
Pacific WoodTech	9-1/2"	LPI-530	4,000	207	1,340

PK-Joist	9-1/2"	PKI-40	5,390	328	1,340
PK-Joist	9-1/2"	PKI-80L	4,815	265	1,600
PK-Joist	9-1/2"	PKI-90L	7,370	400	1,700
Trus Joist	9-1/2"	TJI-360	4,790	249	1,425
Boise Cascade	9-1/2"	BCI-6500	3,505	210	1,575
Roseburg	9-1/2"	RFPI-70	5,130	266	1,330
Pacific WoodTech	9-1/2"	LPI-42Plus	5,375	321	1,340

Notes:

- Design Values are from current Manufacturers Evaluation Services Report.



11-7/8" Product Comparison By Design Values

Manufacturer	Size	Series	(M) Moment	El x 10 ⁶ (Bending)	V (Shear)
PK-Joist	11-7/8"	PKI-10	3,100	286	1,485
PK-Joist	11-7/8"	PKI-60L	4,235	323	1,800
Trus Joist	11-7/8"	TJI-110	3,160	267	1,560
Boise Cascade	11-7/8"	BCI-4500s	3,025	260	1,625
Boise Cascade	11-7/8"	BCI-5000	3,150	265	1,625
Roseburg	11-7/8"	RFPI-20	3,640	283	1,420
Pacific WoodTech	11-7/8"	LPI-18			

PK-Joist	11-7/8"	PKI-20	3,755	327	1,485
PK-Joist	11-7/8"	PKI-60L	4,235	323	1,800
Trus Joist	11-7/8"	TJI-210	3,795	315	1,655
Boise Cascade	11-7/8"	BCI-6000	4,060	320	1,675
Roseburg	11-7/8"	RFPI-40S	2,735	193	1,120
Roseburg	11-7/8"	RFPI-400	3,345	193	1,220
Pacific WoodTech	11-7/8"	LPI-20Plus	3,755	318	1,485
Pacific WoodTech	11-7/8"	LPI-530	5,150	345	1,565

PK-Joist	11-7/8"	PKI-23	4,320	380	1,485
PK-Joist	11-7/8"	PKI-70L	4,810	370	1,800
Trus Joist	11-7/8"	TJI-230	4,215	347	1,655
Boise Cascade	11-7/8"	BCI-6500	4,495	350	1,675
Roseburg	11-7/8"	RFPI-400	4,315	330	1,480
Roseburg	11-7/8"	RFPI-40	4,855	366	1,550
Roseburg	11-7/8"	RFPI-60S	4,900	396	1,420
Pacific WoodTech	11-7/8"	LPI-32Plus	4,690	406	1,485
Pacific WoodTech	11-7/8"	LPI-530	5,150	345	1,565

PK-Joist	11-7/8"	PKI-35 Plus	4,395	396	1,485
PK-Joist	11-7/8"	PKI-70L	4,810	370	1,800
Trus Joist	11-7/8"	TJI-230	4,215	347	1,655
Boise Cascade	11-7/8"	BCI-6500	4,495	350	1,675
Roseburg	11-7/8"	RFPI-400	4,315	330	1,480
Roseburg	11-7/8"	RFPI-40	4,855	366	1,550
Roseburg	11-7/8"	RFPI-60S	4,900	396	1,420
Pacific WoodTech	11-7/8"	LPI-32Plus	4,690	406	1,485
Pacific WoodTech	11-7/8"	LPI-530	5,150	345	1,565

PK-Joist	11-7/8"	PKI-40	6,970	553	1,625
PK-Joist	11-7/8"	PKI-80L	6,235	450	1,800
Trus Joist	11-7/8"	TJI-360	6,180	419	1,705
Boise Cascade	11-7/8"	BCI-60	6,235	430	1,675
Roseburg	11-7/8"	RFPI-70	6,645	455	1,550
Roseburg	11-7/8"	RFPI-80S	6,970	547	1,590
Pacific WoodTech	11-7/8"	LPI-36	6,445	429	1,615
Pacific WoodTech	11-7/8"	LPI-42Plus	6,965	547	1,625

PK-Joist	11-7/8"	PKI-50	7,955	608	2,135
PK-Joist	11-7/8"	PKI-90L	9,550	675	2,175
Trus Joist	11-7/8"	TJI-560	9,500	636	2,050
Boise Cascade	11-7/8"	BCI-90	9,550	645	2,150
Roseburg	11-7/8"	RFPI-90	10,145	676	2,050
Pacific WoodTech	11-7/8"	LPI-56	10,170	668	2,055

Notes:

- Design Values are from current Manufacturers Evaluation Services Report.



14" Product Comparison By Design Values

Manufacturer	Size	Series	(M) Moment	El x 10 ⁶ (Bending)	V (Shear)
PK-Joist	14"	PKI-10	3,720	420	1,680
PK-Joist	14"	PKI-60L	5,020	470	1,950
Trus Joist	14"	TJI-110	3,740	392	1,860
Boise Cascade	14"	BCI-4500s	3,585	380	1,825
Boise Cascade	14"	BCI-5000	3,735	390	1,825
Roseburg	14"	RFPI-20	4,330	420	1,610
Pacific WoodTech	14"	LPI-18			

PK-Joist	14"	PKI-20	4,405	479	1,680
PK-Joist	14"	PKI-60L	5,020	470	1,950
Trus Joist	14"	TJI-210	4,490	462	1,945
Boise Cascade	14"	BCI-6000	4,815	470	1,925
Roseburg	14"	RFPI-40S	4,270	482	1,710
Roseburg	14"	RFPI-400	5,140	486	1,710
Pacific WoodTech	14"	LPI-20Plus			
Pacific WoodTech	14"	LPI-530			

PK-Joist	14"	PKI-23	5,200	555	1,680
PK-Joist	14"	PKI-70L	5,700	540	1,950
Trus Joist	14"	TJI-230	4,990	509	1,945
Boise Cascade	14"	BCI-6500	5,330	515	1,925
Roseburg	14"	RFPI-400	5,140	486	1,710
Roseburg	14"	RFPI-40	5,785	540	1,770
Roseburg	14"	RFPI-60S	5,895	584	1,710
Pacific WoodTech	14"	LPI-32Plus	5,645	589	1,680
Pacific WoodTech	14"	LPI-530	6,110	501	1,765

PK-Joist	14"	PKI-35 Plus	5,270	580	1,680
PK-Joist	14"	PKI-70L	5,700	540	1,950
Trus Joist	14"	TJI-230	4,990	509	1,945
Boise Cascade	14"	BCI-6500	5,330	515	1,925
Roseburg	14"	RFPI-400	5,140	486	1,710
Roseburg	14"	RFPI-40	5,785	540	1,770
Roseburg	14"	RFPI-60S	5,895	584	1,710
Pacific WoodTech	14"	LPI-32Plus	5,645	589	1,680
Pacific WoodTech	14"	LPI-530	6,110	501	1,765

PK-Joist	14"	PKI-40	8,395	807	1,875
PK-Joist	14"	PKI-80L	7,440	660	1,975
Trus Joist	14"	TJI-360	7,335	612	1,955
Boise Cascade	14"	BCI-60	7,440	635	1,925
Roseburg	14"	RFPI-70	7,925	672	1,770
Roseburg	14"	RFPI-80S	8,390	802	1,835
Pacific WoodTech	14"	LPI-36	7,755	622	1,830
Pacific WoodTech	14"	LPI-42Plus	8,390	802	1,875

PK-Joist	14"	PKI-50	9,200	879	2,280
PK-Joist	14"	PKI-90L	11,390	980	2,400
Trus Joist	14"	TJI-560	11,275	926	2,390
Boise Cascade	14"	BCI-90	11,390	940	2,350
Roseburg	14"	RFPI-90	12,100	992	2,195
Pacific WoodTech	14"	LPI-56	12,250	968	2,330

Notes:

- Design Values are from current Manufacturers Evaluation Services Report.



16" Product Comparison By Design Values

Manufacturer	Size	Series	(M) Moment	El x 10 ⁶ (Bending)	V (Shear)
PK-Joist	16"	PKI-20	5,060	652	1,870
PK-Joist	16"	PKI-60L	5,730	635	2,195
Trus Joist	16"	TJI-110	4,280	535	2,145
Boise Cascade	16"	BCI-4500s	4,090	515	1,975
Boise Cascade	16"	BCI-6000	5,495	635	2,175
Roseburg	16"	RFPI-40S	4,950	657	1,970
Roseburg	16"	RFPI-400	5,880	665	1,970
Pacific WoodTech	16"	LPI-20Plus			
Pacific WoodTech	16"	LPI-530			

PK-Joist	16"	PKI-23	6,030	752	1,870
PK-Joist	16"	PKI-60L	5,730	635	2,195
Trus Joist	16"	TJI-210	5,140	629	2,190
Boise Cascade	16"	BCI-6000	5,495	635	2,175
Roseburg	16"	RFPI-400	5,880	665	1,970
Roseburg	16"	RFPI-40	6,615	737	1,970
Roseburg	16"	RFPI-60S	6,835	799	1,970
Pacific WoodTech	16"	LPI-32Plus	6,545	791	1,870
Pacific WoodTech	16"	LPI-530	6,990	677	1,955

PK-Joist	16"	PKI-35 Plus	5,990	787	1,870
PK-Joist	16"	PKI-70L	6,510	730	2,196
Trus Joist	16"	TJI-230	5,710	691	2,190
Boise Cascade	16"	BCI-6500	6,085	695	2,175
Roseburg	16"	RFPI-400	5,880	665	1,970
Roseburg	16"	RFPI-40	6,615	737	1,970
Roseburg	16"	RFPI-60S	6,835	799	1,970
Pacific WoodTech	16"	LPI-32Plus	6,545	791	1,870
Pacific WoodTech	16"	LPI-530	6,990	677	1,955

PK-Joist	16"	PKI-40	9,730	1,092	2,115
PK-Joist	16"	PKI-80L	8,520	895	2,200
Trus Joist	16"	TJI-360	8,405	830	2,190
Boise Cascade	16"	BCI-60	8,520	860	2,175
Roseburg	16"	RFPI-70	9,080	918	1,970
Roseburg	16"	RFPI-80S	9,730	1,092	2,070
Pacific WoodTech	16"	LPI-36	8,995	836	2,020
Pacific WoodTech	16"	LPI-42Plus	9,725	1,092	2,115

PK-Joist	16"	PKI-50	10,655	1,182	2,415
PK-Joist	16"	PKI-90L	13,050	1,330	2,750
Trus Joist	16"	TJI-560	12,925	1,252	2,710
Boise Cascade	16"	BCI-90	13,050	1,275	2,550
Roseburg	16"	RFPI-90	13,865	1,350	2,330
Pacific WoodTech	16"	LPI-56	14,205	1,301	2,585

Notes:

- Design Values are from current Manufacturers Evaluation Services Report.

