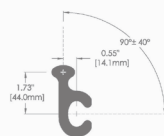


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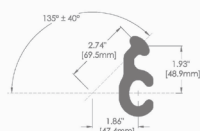
PilePro® Sheet Pile Connectors



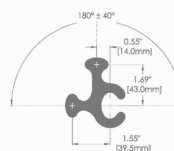
PZ 90



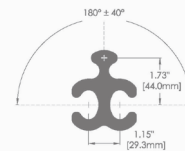
Colt



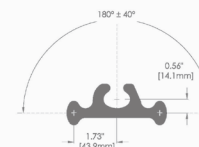
Cobra



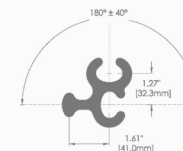
PZ Tee



Joker



Bullhead



PZT-S

Sheet Pile LLC is the owner and assignee of US 7,390,145, related to these connectors.



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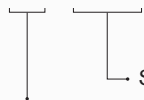


Configuration D



SECTION NAME:

79 - 2045



Section width in mm

Section modulus (elastic) in $\text{cm}^3/\text{m} \div 100$

These are examples from a large variety of possible IZ[®] solutions.

Please configure your own system on sheet-pile.com/iz

*WOF[®] and WOM[®] are available in a wide range of sizes — 100% melted and manufactured in the USA and BABA 2021 compliant.
Sheet Pile LLC is the owner and assignee of numerous patents and IP, that may be related to this sheet pile solution.*



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Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
27-1836	IZ®	50.7	72.3	27.9	31.7	35.5	321.1	19.04	W14X99	D1
		2725.8	1836.4	136.2	154.8	173.4	43854.3	5.8	W360X147	
28-1673	IZ®	51.1	65.9	21.3	25.5	29.7	359.7	17.99	W21X48	D1
		2748	1673.4	104	124.4	144.9	49115.3	5.48	W530X72	
28-1658	IZ®	51.3	65.3	23.7	27.9	32.1	352	17.37	W18X60	D1
		2758.5	1658.4	115.8	136.4	157	48064.5	5.29	W460X89	
28-1779	IZ®	52.2	70.1	32.4	36.3	40.3	320.7	18.06	W12X120	D1
		2808.8	1779.4	158.2	177.4	196.6	43800.3	5.5	W310X179	
28-1727	IZ®	52.7	68	25.9	30	34	354.7	17.99	W16X77	D1
		2833.7	1727.4	126.6	146.4	166.1	48434.4	5.48	W410X114	
28-1632	IZ®	52.9	64.3	22.2	26.5	30.8	376.1	17.47	W21X50	D1
		2843.7	1632.4	108.4	129.3	150.3	51354.4	5.32	W530X74	
28-1844	IZ®	52.9	72.6	30.7	34.5	38.3	338.4	19.07	HP14x117	D1
		2844.3	1844.2	150	168.6	187.1	46208.8	5.81	HP360x174	
29-1866	IZ®	53.2	73.5	27.9	31.6	35.4	353.5	19.63	HP16x101	D1
		2860	1866.4	136	154.3	172.7	48266.8	5.98	HP410x151	
29-1659	IZ®	53.3	65.3	24.6	28.8	33	370	17.4	W18X65	D1
		2865.4	1659.4	119.9	140.5	161.1	50531.7	5.3	W460X97	
29-1837	IZ®	53.5	72.3	29.5	33.3	37.2	343.1	19.07	W14X109	D1
		2878.4	1837.4	144.2	162.8	181.4	46853.4	5.81	W360X162	
30-1675	IZ®	55.2	66	22.6	26.8	31	397.9	18.02	W21X55	D1
		2968.9	1675.4	110.4	130.8	151.2	54343.2	5.49	W530X82	
30-1660	IZ®	55.5	65.4	25.7	29.9	34.1	390.7	17.43	W18X71	D1
		2982.2	1660.4	125.6	146.1	166.7	53355.1	5.31	W460X106	
30-1781	IZ®	56	70.1	35.1	39	42.9	350.5	18.12	W12X136	D1
		3013	1781.4	171.2	190.4	209.6	47870.5	5.52	W310X202	
30-1839	IZ®	56.4	72.4	31.3	35.1	38.9	366.1	19.11	W14X120	D1
		3034.3	1839.4	153	171.6	190.2	49996	5.82	W360X179	

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		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
31-1746	IZ®	56.7	68.8	25.3	29.3	33.3	399.3	18.52	W18X76	D1
		3046.6	1746.4	123.4	143	162.5	54527.9	5.64	W460X113	
31-1729	IZ®	56.8	68.1	28	32.1	36.1	390	18.06	W16X89	D1
		3053.4	1729.4	136.9	156.6	176.4	53261.2	5.5	W410X132	
31-1632	IZ®	57.1	64.3	23.5	27.8	32.1	416	17.5	W21X57	D1
		3069.2	1632.4	114.7	135.6	156.6	56804.5	5.33	W530X85	
32-1870	IZ®	59	73.6	31.1	34.8	38.6	402.8	19.7	HP16x121	D1
		3171.1	1869.6	151.8	170.1	188.3	55008.9	6	HP410x181	
32-1675	IZ®	59.3	66	23.9	28	32.2	437.2	18.06	W21X62	D1
		3190.4	1675.4	116.5	136.9	157.2	59708.4	5.5	W530X92	
32-1840	IZ®	59.7	72.5	33.2	37	40.9	392.1	19.14	W14X132	D1
		3210.1	1840.4	162.3	180.9	199.4	53547.9	5.83	W360X196	
32-1783	IZ®	60.1	70.2	37.8	41.7	45.7	382.8	18.19	W12X152	D1
		3233.3	1783.4	184.7	203.8	223	52277.4	5.54	W310X226	
33-1748	IZ®	60.6	68.8	27	31	35	435.9	18.58	W18X86	D1
		3260.7	1748.4	131.8	151.3	170.9	59519.8	5.66	W460X128	
33-1731	IZ®	60.7	68.2	30	34	38	425.1	18.09	W16X100	D1
		3263.8	1731.4	146.2	166	185.7	58056.8	5.51	W410X149	
33-1644	IZ®	62.1	64.7	23	27.3	31.5	476	18.09	W24X55	D1
		3340.9	1644.4	112.5	133.2	154	65006.2	5.51	W610X82	
34-1676	IZ®	62.5	66	24.9	29.1	33.2	468.8	18.09	W21X68	D1
		3361.2	1676.4	121.5	141.9	162.3	64024.8	5.51	W530X101	
34-1860	IZ®	63	73.2	35	38.8	42.6	418.2	19.4	W14X145	D1
		3385.8	1860.4	171.1	189.5	207.9	57105.1	5.91	W360X216	
35-1873	IZ®	64.5	73.7	34.3	38	41.8	449.4	19.73	HP16x141	D1
		3470.3	1872.8	167.5	185.7	204	61368.3	6.01	HP410x211	
35-1785	IZ®	64.7	70.3	40.8	44.8	48.7	419.9	18.25	W12X170	D1
		3476.1	1785.4	199.4	218.6	237.7	57337.7	5.56	W310X253	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
35-1677	IZ®	64.9	66	25.8	30	34.2	493.6	18.12	W21X73	D1
		3490.8	1677.4	126.2	146.5	166.9	67411.2	5.52	W530X109	
35-1749	IZ®	65	68.9	28.9	32.9	36.9	477.3	18.62	W18X97	D1
		3496.4	1749.4	141.2	160.7	180.2	65183.6	5.67	W460X144	
36-1645	IZ®	66.5	64.8	24.3	28.5	32.8	521.8	18.12	W24X62	D1
		3573.2	1645.4	118.6	139.3	160.1	71261.5	5.52	W610X92	
36-1861	IZ®	66.8	73.3	37.4	41.1	44.9	450.1	19.44	W14X159	D1
		3591.4	1861.4	182.4	200.8	219.1	61469.8	5.92	W360X237	
37-1750	IZ®	68.2	68.9	30.5	34.5	38.4	508.9	18.65	W18X106	D1
		3668.2	1750.4	148.7	168.2	187.7	69496.6	5.68	W460X158	
37-1917	IZ®	68.5	75.5	32.5	36.2	39.8	503.7	20.58	HP18x135	D1
		3683	1917.2	158.9	176.7	194.5	68784.2	6.27	HP360x202	
37-1678	IZ®	69.5	66.1	27.5	31.7	35.9	541.7	18.16	W21X83	D1
		3737.4	1678.4	134.5	154.8	175.2	73968.6	5.53	W530X123	
37-1788	IZ®	69.6	70.4	44.1	48	51.9	462.3	18.32	W12X190	D1
		3742.5	1788.4	215.3	234.4	253.5	63133.1	5.58	W310X283	
38-1694	IZ®	70.1	66.7	24.6	28.8	32.9	559.1	18.78	W24X68	D1
		3767.3	1694.4	120.3	140.4	160.6	76350.2	5.72	W610X101	
38-1876	IZ®	70.6	73.9	37.6	41.3	45	503.4	19.83	HP16x162	D1
		3796.4	1876	183.4	201.6	219.8	68743.2	6.04	HP410x242	
38-1864	IZ®	71.3	73.4	40.1	43.8	47.6	490	19.5	W14X176	D1
		3835.7	1864.4	195.6	213.9	232.2	66910.9	5.94	W360X262	
40-1752	IZ®	73.5	69	32.7	36.7	40.7	560.8	18.68	W18X119	D1
		3951.6	1752.4	159.7	179.2	198.7	76586.5	5.69	W460X177	
40-1680	IZ®	74	66.2	29.3	33.5	37.7	590.8	18.19	W21X93	D1
		3980.2	1680.4	143.2	163.5	183.9	80672.8	5.54	W530X138	
40-1791	IZ®	74.6	70.5	47.5	51.4	55.3	506.6	18.42	W12X210	D1
		4009	1791.4	232.1	251.1	270.2	69181.5	5.61	W310X313	

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40-1920	IZ®	75.1	75.6	35.9	39.5	43.2	564.8	20.65	HP18x157	D1
		4036.4	1920.4	175.2	193	210.8	77132.7	6.29	HP360x234	
41-1694	IZ®	75.3	66.7	26.1	30.2	34.3	616.5	18.81	W24X76	D1
		4050.5	1694.4	127.2	147.4	167.5	84188.5	5.73	W610X113	
41-1886	IZ®	76.3	74.2	40.9	44.6	48.3	555	19.96	HP16x183	D1
		4100.5	1885.5	199.7	217.8	235.9	75791.3	6.08	HP410x272	
41-1865	IZ®	76.4	73.4	42.8	46.6	50.3	533.7	19.57	W14X193	D1
		4107.2	1865.4	209	227.3	245.6	72879.2	5.96	W360X287	
42-1778	IZ®	77.2	70	29.2	33.1	37	619.8	19.47	W21X101	D1
		4149.2	1778.4	142.4	161.6	180.8	84635.7	5.93	W530X150	
42-1749	IZ®	78.5	68.9	34.7	38.7	42.7	612	18.71	W18X130	D1
		4222.7	1749.4	169.4	188.9	208.5	83571	5.7	W460X193	
43-1794	IZ®	80.1	70.6	50.9	54.8	58.7	555.3	18.48	W12X230	D1
		4304.3	1794.4	248.3	267.3	286.4	75825.8	5.63	W310X342	
43-1695	IZ®	80.3	66.7	27.5	31.6	35.7	671.9	18.85	W24X84	D1
		4315.8	1695.4	134.1	154.2	174.4	91755.9	5.74	W610X125	
44-1779	IZ®	81.3	70.1	30.9	34.8	38.7	665.3	19.5	W21X111	D1
		4372.9	1779.4	150.7	169.9	189.1	90855.6	5.94	W530X165	
44-1867	IZ®	81.5	73.5	45.7	49.4	53.2	578.8	19.6	W14X211	D1
		4379	1867.4	223	241.3	259.6	79041.5	5.97	W360X314	
45-1924	IZ®	82.9	75.7	39.6	43.2	46.9	639.2	20.72	HP18x181	D1
		4456.3	1923.6	193.3	211.1	228.9	87284.3	6.31	HP360x269	
45-1751	IZ®	83.8	69	36.9	40.9	44.9	666	18.75	W18X143	D1
		4504	1751.4	180	199.5	219	90954.8	5.71	W460X213	
46-1796	IZ®	85.4	70.7	54.5	58.4	62.3	605.8	18.55	W12X252	D1
		4590.8	1796.4	265.9	284.9	304	82733.6	5.65	W310X375	
46-1696	IZ®	86	66.8	29.3	33.5	37.6	739.9	18.88	W24X94	D1
		4623.4	1696.4	143.2	163.4	183.5	101033.8	5.75	W610X140	

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46-1781	IZ®	86.2	70.1	32.6	36.6	40.5	719.8	19.53	W21X122	D1
		4636	1781.4	159.3	178.5	197.7	98297.1	5.95	W530X182	
47-1870	IZ®	87.5	73.6	49.2	53	56.7	635.2	19.7	W14X233	D1
		4702.3	1870.4	240.3	258.6	276.8	86744.2	6	W360X347	
48-1790	IZ®	88.8	70.5	29.5	33.4	37.3	773	20.06	W24X104	D1
		4774.2	1790.4	144.1	163.1	182.2	105564.6	6.11	W610X155	
48-1719	IZ®	88.8	67.7	27.2	31.2	35.3	792.8	19.57	W27X84	D1
		4775.5	1719.4	132.7	152.5	172.4	108269.5	5.96	W690X125	
48-1753	IZ®	89.2	69	39.4	43.4	47.4	724.6	18.81	W18X158	D1
		4798.1	1753.4	192.3	211.8	231.3	98949.6	5.73	W460X235	
49-1927	IZ®	90.4	75.9	43.3	46.9	50.6	716	20.78	HP18x204	D1
		4861.4	1926.8	211.4	229.2	246.9	97770	6.33	HP460x304	
49-1782	IZ®	90.7	70.2	34.3	38.3	42.2	769.1	19.57	W21X132	D1
		4874.7	1782.4	167.6	186.8	205.9	105033	5.96	W530X196	
49-1695	IZ®	91.6	66.7	30.9	35	39.1	805.7	18.88	W24X103	D1
		4922.1	1695.4	150.7	170.9	191	110019.2	5.75	W610X153	
50-1800	IZ®	92.7	70.9	58.8	62.7	66.6	677.2	18.65	W12X279	D1
		4983.1	1800.4	287.1	306.1	325.1	92479.9	5.68	W310X415	
51-1872	IZ®	94.2	73.7	53.1	56.9	60.6	700.3	19.76	W14X257	D1
		5062.2	1872.4	259.3	277.6	295.8	95627.9	6.02	W360X382	
52-1791	IZ®	95.7	70.5	31.6	35.5	39.5	855.9	20.09	W24X117	D1
		5147.7	1791.4	154.5	173.6	192.6	116883.1	6.12	W610X174	
52-1720	IZ®	96.1	67.7	28.8	32.9	37	882.5	19.63	W27X94	D1
		5166.6	1720.4	140.8	160.7	180.5	120519.1	5.98	W690X140	
52-1755	IZ®	96.3	69.1	42.3	46.3	50.2	801.1	18.88	W18X175	D1
		5177.3	1755.4	206.4	225.9	245.3	109403.1	5.75	W460X260	
52-1784	IZ®	97.3	70.3	36.9	40.8	44.7	845.7	19.63	W21X147	D1
		5230.2	1784.4	180.2	199.3	218.5	115493.4	5.98	W530X219	

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54-1802	IZ®	100.2	71	63.2	67.1	71	753.7	18.75	W12X305	D1
		5387.1	1802.4	308.6	327.6	346.5	102918.2	5.71	W310X454	
55-1720	IZ®	101.9	67.7	30.3	34.4	38.5	957.1	19.67	W27X102	D1
		5480	1720.4	148.1	168	187.8	130699.9	5.99	W690X152	
55-1875	IZ®	102	73.8	57.2	61	64.7	776.8	19.83	W14X283	D1
		5484.2	1875.4	279.4	297.6	315.9	106079.2	6.04	W360X421	
55-1730	IZ®	102.5	68.1	27.9	32	36	990.5	20.19	W30X90	D1
		5512.4	1730.4	136.3	156.1	175.8	135261.8	6.15	W760X134	
55-1793	IZ®	103.1	70.6	34	37.9	41.8	947.5	20.16	W24X131	D1
		5543.3	1793.4	166.1	185.2	204.2	129393.9	6.14	W610X195	
58-1781	IZ®	108	70.1	40.2	44.1	48.1	969.9	19.63	W21X166	D1
		5804.1	1781.4	196.3	215.5	234.7	132452.5	5.98	W530X248	
58-1731	IZ®	108.1	68.2	29.6	33.6	37.7	1072.4	20.22	W30X99	D1
		5814.3	1731.4	144.4	164.2	183.9	146448.8	6.16	W760X147	
58-1806	IZ®	108.7	71.1	68.3	72.2	76.1	841.8	18.85	W12X336	D1
		5842.4	1806.4	333.6	352.5	371.4	114951.4	5.74	W310X500	
59-1722	IZ®	108.8	67.8	32.4	36.4	40.5	1050.7	19.7	W27X114	D1
		5852.1	1722.4	157.9	177.8	197.6	143480.4	6	W690X170	
59-1878	IZ®	109.8	74	61.7	65.4	69.1	857.8	19.93	W14X311	D1
		5903.7	1878.4	301.1	319.3	337.5	117135.5	6.07	W360X463	
60-1794	IZ®	111.9	70.6	36.5	40.4	44.3	1055.7	20.22	W24X146	D1
		6017.5	1794.4	178.3	197.3	216.4	144168.7	6.16	W610X217	
62-1784	IZ®	114.8	70.3	42.9	46.9	50.8	1054.2	19.7	W21X182	D1
		6171.6	1784.4	209.7	228.8	247.9	143965.9	6	W530X272	
62-1732	IZ®	115.3	68.2	31.1	35.2	39.2	1171.7	20.26	W30X108	D1
		6197.6	1732.4	152.1	171.8	191.5	160004.6	6.17	W760X161	
64-1882	IZ®	118.9	74.1	66.6	70.3	74	954.4	20.03	W14X342	D1
		6391.7	1882.4	325.1	343.2	361.4	130332.8	6.1	W360X509	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
64-1720	IZ®	119.1	67.7	35	39.1	43.1	1190.5	19.73	W27X129	D1
		6405.1	1720.4	170.9	190.8	210.6	162577.8	6.01	W690X192	
65-1795	IZ®	120.2	70.7	39.3	43.2	47.1	1165.1	20.26	W24X162	D1
		6464.9	1795.4	191.8	210.8	229.8	159105.2	6.17	W610X241	
66-1733	IZ®	121.8	68.2	32.6	36.6	40.7	1264.6	20.29	W30X116	D1
		6549.7	1733.4	159.2	178.9	198.6	172688.1	6.18	W760X173	
66-1785	IZ®	123.4	70.3	46.2	50.1	54	1162.1	19.76	W21X201	D1
		6634	1785.4	225.4	244.5	263.6	158697.5	6.02	W530X300	
68-1821	IZ®	126.1	71.7	36.1	39.9	43.7	1283	21.01	W27X146	D1
		6779.2	1821.4	176.1	194.8	213.6	175207.6	6.4	W690X217	
69-1884	IZ®	127.6	74.2	71	74.7	78.5	1047.3	20.09	W14X370	D1
		6858.7	1884.4	346.8	365	383.1	143013.9	6.12	W360X551	
69-1733	IZ®	128	68.2	33.9	37.9	42	1352.5	20.32	W30X124	D1
		6881.9	1733.4	165.6	185.3	205	184698.5	6.19	W760X185	
69-1793	IZ®	128	70.6	41.6	45.5	49.4	1266.1	20.26	W24X176	D1
		6882.1	1793.4	202.9	222	241	172901.2	6.17	W610X262	
72-1734	IZ®	133.4	68.3	35.4	39.4	43.4	1436.3	20.35	W30X132	D1
		7173.7	1734.4	172.7	192.4	212.1	196143	6.2	W760X196	
72-1822	IZ®	134.6	71.7	38.6	42.4	46.3	1405.2	21.04	W27X161	D1
		7235.9	1822.4	188.5	207.2	226	191890.4	6.41	W690X240	
73-1758	IZ®	135.2	69.2	32.4	36.4	40.4	1505.3	21.11	W33X118	D1
		7266.6	1758.4	158.3	177.7	197.1	205561.3	6.43	W840X176	
73-1795	IZ®	135.5	70.7	44.2	48.1	52	1369.3	20.32	W24X192	D1
		7282.5	1795.4	215.8	234.8	253.9	186985.5	6.19	W610X285	
73-1887	IZ®	135.7	74.3	75.4	79.1	82.9	1140.2	20.16	W14X398	D1
		7293.3	1887.4	368.3	386.4	404.5	155707.8	6.14	W360X592	
77-1796	IZ®	143.2	70.7	46.8	50.7	54.6	1476.8	20.35	W24X207	D1
		7699.8	1796.4	228.4	247.4	266.4	201676	6.2	W610X307	

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77-1824	IZ®	143.4	71.8	41.4	45.2	49.1	1533.7	21.11	W27X178	D1
		7708.8	1824.4	202	220.8	239.5	209436.2	6.43	W690X265	
78-1890	IZ®	144.5	74.4	79.8	83.5	87.2	1240.4	20.26	W14X426	D1
		7767.1	1890.4	389.7	407.8	425.9	169388.6	6.17	W360X634	
78-1758	IZ®	145.4	69.2	34.5	38.5	42.5	1665	21.14	W33X130	D1
		7814.5	1758.4	168.6	188	207.4	227372.7	6.44	W840X193	
78-1732	IZ®	145.8	68.2	38.2	42.2	46.3	1623.5	20.39	W30X148	D1
		7839.9	1732.4	186.5	206.2	225.9	221704.8	6.21	W760X220	
82-1894	IZ®	152.4	74.6	84.3	88	91.7	1336.1	20.35	W14X455	D1
		8193.1	1894.4	411.7	429.7	447.8	182456.2	6.2	W360X677	
83-1799	IZ®	153.7	70.8	50.4	54.3	58.2	1627.1	20.45	W24X229	D1
		8265.2	1799.4	246.3	265.3	284.3	222193.3	6.23	W610X341	
83-1822	IZ®	154.3	71.7	44.1	47.9	51.8	1691.8	21.11	W27X194	D1
		8297.3	1822.4	215.2	233.9	252.7	231035.4	6.43	W690X289	
83-1759	IZ®	154.5	69.3	36.4	40.4	44.4	1814.6	21.17	W33X141	D1
		8307.7	1759.4	177.8	197.2	216.7	247793	6.45	W840X210	
84-1847	IZ®	156.9	72.7	40	43.8	47.6	1793.1	21.86	W30X173	D1
		8435	1847.4	195.3	213.8	232.3	244857.5	6.66	W760X257	
85-1770	IZ®	158.7	69.7	35.1	39.1	43	1939.8	21.7	W36X135	D1
		8534.3	1770.4	171.4	190.7	210	264901.4	6.61	W920X201	
88-1760	IZ®	163.1	69.3	38.3	42.3	46.3	1957.9	21.24	W33X152	D1
		8768	1760.4	187.1	206.5	225.9	267362.4	6.47	W840X226	
88-1801	IZ®	164.4	70.9	54	57.8	61.7	1781.4	20.52	W24X250	D1
		8839.2	1801.4	263.5	282.4	301.4	243271.3	6.25	W610X372	
90-1898	IZ®	166.5	74.7	91.3	95	98.7	1508.9	20.45	W14X500	D1
		8949.4	1898.4	446	464	482	206060	6.23	W360X744	
90-1825	IZ®	167	71.9	47.9	51.7	55.5	1884.4	21.21	W27X217	D1
		8977.9	1825.4	233.8	252.5	271.2	257334.4	6.46	W690X323	

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90-1848	IZ®	167.9	72.8	42.9	46.7	50.5	1969.3	21.9	W30X191	D1
		9028.7	1848.4	209.6	228.1	246.6	268931.6	6.67	W760X284	
93-1770	IZ®	172.9	69.7	37.7	41.7	45.6	2184.7	21.77	W36X150	D1
		9296.9	1770.4	184.3	203.6	222.9	298343.7	6.63	W920X223	
95-1826	IZ®	176.2	71.9	50.9	54.8	58.6	2030	21.24	W27X235	D1
		9473.5	1826.4	248.7	267.4	286.1	277209.8	6.47	W690X350	
95-1758	IZ®	176.6	69.2	41.1	45.1	49.1	2183.9	21.24	W33X169	D1
		9493.1	1758.4	200.7	220.1	239.6	298227.4	6.47	W840X251	
96-1804	IZ®	177.9	71	58.8	62.6	66.5	1983.1	20.58	W24X279	D1
		9561.9	1804.4	286.9	305.9	324.8	270809.9	6.27	W610X415	
97-1850	IZ®	179.9	72.9	46.2	50	53.7	2165.9	21.96	W30X211	D1
		9670.9	1850.4	225.5	244	262.4	295767.7	6.69	W760X314	
97-1771	IZ®	180.7	69.7	39.4	43.4	47.3	2327.1	21.8	W36X160	D1
		9717.6	1771.4	192.6	211.9	231.1	317790.2	6.64	W920X238	
98-1903	IZ®	182.1	74.9	98.9	102.6	106.2	1708.7	20.62	W14X550	D1
		9790.8	1903.4	482.8	500.7	518.7	233337.3	6.28	W360X818	
98-1766	IZ®	182.4	69.5	37.6	41.6	45.6	2419.7	22.09	W40X149	D1
		9806	1766.4	183.8	203.1	222.5	330434.8	6.73	W1000X222	
101-1828	IZ®	188.6	72	54.6	58.4	62.2	2225.6	21.31	W27X258	D1
		10140.9	1828.4	266.4	285.1	303.8	303922.1	6.49	W690X384	
102-1772	IZ®	188.7	69.8	41.1	45.1	49	2472.9	21.83	W36X170	D1
		10145.4	1772.4	200.9	220.2	239.4	337695	6.65	W920X253	
103-1806	IZ®	191	71.1	63.2	67	70.9	2184.7	20.65	W24X306	D1
		10271.2	1806.4	308.4	327.3	346.2	298342.7	6.29	W610X455	
103-1866	IZ®	191.5	73.5	44.2	47.9	51.7	2450.1	22.62	W33X201	D1
		10296.3	1866.4	215.6	233.9	252.2	334584.4	6.89	W840X299	
105-1848	IZ®	195.7	72.8	50.2	53.9	57.7	2426.3	21.99	W30X235	D1
		10523	1848.4	244.9	263.3	281.8	331329.6	6.7	W760X350	

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106-1773	IZ®	197.1	69.8	43.2	47.2	51.1	2632.8	21.86	W36X182	D1
		10596.2	1773.4	211	230.2	249.5	359529.4	6.66	W920X271	
107-1908	IZ®	199.8	75.1	107.9	111.6	115.2	1943.8	20.75	W14X605	D1
		10744.1	1908.4	526.7	544.6	562.5	265442.2	6.32	W360X900	
108-1830	IZ®	201.2	72.1	58.5	62.3	66.1	2429.1	21.37	W27X281	D1
		10815.6	1830.4	285.4	304.1	322.8	331711.8	6.51	W690X419	
108-1766	IZ®	201.5	69.5	40.7	44.7	48.7	2772.1	22.16	W40X167	D1
		10832.2	1766.4	198.9	218.2	237.6	378554.2	6.75	W1000X249	
110-1809	IZ®	204.8	71.2	68	71.9	75.8	2401.5	20.75	W24X335	D1
		11011.5	1809.4	332.1	351	369.9	327939.4	6.32	W610X498	
110-1867	IZ®	204.9	73.5	47.4	51.1	54.9	2689.4	22.68	W33X221	D1
		11014.4	1867.4	231.4	249.7	268	367265.1	6.91	W840X329	
110-1774	IZ®	205.1	69.9	45.2	49.1	53.1	2787	21.9	W36X194	D1
		11025.6	1774.4	220.6	239.8	259.1	380594.6	6.67	W920X289	
113-1851	IZ®	210.1	72.9	54.4	58.2	62	2675.4	22.06	W30X261	D1
		11293.4	1851.4	265.7	284.1	302.6	365344.6	6.72	W760X389	
115-1833	IZ®	214.1	72.2	62.6	66.4	70.2	2642.9	21.44	W27X307	D1
		11508.9	1833.4	305.5	324.2	342.8	360910.3	6.53	W690X457	
116-1775	IZ®	215.7	69.9	48	51.9	55.8	2996.5	21.93	W36X210	D1
		11598.3	1775.4	234.1	253.4	272.6	409199.5	6.68	W920X313	
117-1869	IZ®	217.8	73.6	50.6	54.4	58.1	2924.3	22.75	W33X241	D1
		11710.2	1869.4	247.1	265.4	283.7	399344.7	6.93	W840X359	
118-1914	IZ®	218.7	75.4	116.8	120.4	124.1	2210	20.91	W14X665	D1
		11760.6	1914.4	570.2	588	605.9	301791.9	6.37	W360X990	
118-1766	IZ®	219.4	69.5	43.5	47.4	51.4	3111.4	22.22	W40X183	D1
		11798.1	1766.4	212.2	231.6	250.9	424884	6.77	W1000X272	
119-1813	IZ®	221.3	71.4	73.8	77.7	81.5	2668.1	20.85	W24X370	D1
		11897.5	1813.4	360.4	379.2	398.1	364359.5	6.35	W610X551	

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120-1884	IZ®	223.5	74.2	48.3	52.1	55.8	3101.1	23.24	W36X230	D1
		12013.7	1884.4	236	254.1	272.3	423479.1	7.08	W920X342	
120-1866	IZ®	223.8	73.5	43.7	47.5	51.2	3210.2	23.47	W40X199	D1
		12033.1	1866.4	213.5	231.8	250.1	438379.2	7.15	W1000X296	
123-1853	IZ®	228.5	73	59.4	63.2	66.9	2996.1	22.13	W30X292	D1
		12285.1	1853.4	289.9	308.4	326.8	409146.9	6.74	W760X434	
123-1836	IZ®	229.5	72.3	67.3	71.1	74.9	2903.5	21.54	W27X336	D1
		12336.2	1836.4	328.5	347.1	365.7	396494.8	6.56	W690X500	
126-1885	IZ®	233.9	74.2	50.8	54.5	58.2	3300	23.27	W36X245	D1
		12577.1	1885.4	248	266.1	284.2	450639.4	7.09	W920X365	
126-1774	IZ®	234.2	69.9	51.6	55.6	59.5	3351.2	21.96	W36X232	D1
		12589.9	1774.4	252	271.2	290.5	457634.2	6.69	W920X345	
126-1867	IZ®	234.3	73.5	54.3	58	61.8	3225.7	22.75	W33X263	D1
		12597	1867.4	265.1	283.4	301.7	440492.5	6.93	W840X392	
129-1766	IZ®	239.7	69.5	48.3	52.3	56.2	3539.8	22.26	W40X211	D1
		12888.9	1766.4	235.8	255.1	274.5	483392.5	6.78	W1000X314	
129-1920	IZ®	240.5	75.6	126.5	130.1	133.8	2521.6	21.08	W14X730	D1
		12931.4	1920.4	617.5	635.3	653	344342.5	6.42	W360X1086	
130-1866	IZ®	241.1	73.5	46.5	50.2	54	3545.6	23.54	W40X215	D1
		12964.3	1866.4	226.9	245.2	263.5	484181.9	7.17	W1000X321	
131-1886	IZ®	244.2	74.3	53.1	56.9	60.6	3499.5	23.31	W36X260	D1
		13128.5	1886.4	259.5	277.6	295.7	477886	7.1	W920X387	
132-1838	IZ®	245.7	72.4	72.6	76.4	80.2	3185.4	21.6	W27X368	D1
		13211.5	1838.4	354.2	372.8	391.4	435001	6.58	W690X548	
133-1856	IZ®	247	73.1	64.8	68.6	72.4	3330.6	22.22	W30X326	D1
		13281.7	1856.4	316.5	334.9	353.3	454826.5	6.77	W760X484	
135-1776	IZ®	250.2	69.9	55.8	59.7	63.7	3680.1	22.03	W36X256	D1
		13453.7	1776.4	272.5	291.7	310.9	502555.5	6.71	W920X381	

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135-1870	IZ®	251.4	73.6	58.8	62.5	66.2	3550.3	22.85	W33X291	D1
		13515.2	1870.4	286.9	305.2	323.4	484828.4	6.96	W840X433	
138-1768	IZ®	256.8	69.6	52.3	56.3	60.2	3905.8	22.32	W40X235	D1
		13807.2	1768.4	255.5	274.8	294.1	533370.6	6.8	W1000X350	
139-1937	IZ®	257.8	76.3	137.8	141.4	145	2768.1	21.24	W14X808	D1
		13861.6	1937.4	672.8	690.5	708.1	378005.5	6.47	W360X1202	
139-1888	IZ®	258.5	74.3	56.4	60.1	63.8	3781.1	23.37	W36X280	D1
		13896.3	1888.4	275.4	293.5	311.6	516345.3	7.12	W920X417	
142-1859	IZ®	264.9	73.2	69.8	73.6	77.4	3658.7	22.32	W30X357	D1
		14240.1	1859.4	340.9	359.3	377.7	499621.9	6.8	W760X531	
143-1866	IZ®	265.4	73.5	52	55.7	59.5	4057.1	23.57	W40X249	D1
		14269.6	1866.4	253.9	272.2	290.5	554028.9	7.18	W1000X371	
144-1872	IZ®	268.2	73.7	63.1	66.8	70.5	3874.4	22.91	W33X318	D1
		14419	1872.4	308	326.2	344.5	529084	6.98	W840X473	
146-1889	IZ®	271.3	74.4	59.6	63.3	67	4036.3	23.41	W36X300	D1
		14586.3	1889.4	291.1	309.1	327.2	551194.9	7.13	W920X446	
147-1866	IZ®	273.8	73.5	48.9	52.6	56.4	4441.8	24.16	W44X230	D1
		14720.8	1866.4	238.7	257	275.3	606570.3	7.36	W1100X343	
148-1769	IZ®	274.4	69.7	57.3	61.3	65.2	4301.1	22.39	W40X264	D1
		14750.9	1769.4	279.7	299.1	318.4	587349.8	6.82	W1000X393	
152-1770	IZ®	283.2	69.7	59.8	63.8	67.7	4502.5	22.39	W40X278	D1
		15228.5	1770.4	292	311.3	330.6	614859.8	6.82	W1000X415	
152-1862	IZ®	283.5	73.3	75.4	79.2	82.9	4009.9	22.39	W30X391	D1
		15240.1	1862.4	368.2	386.5	404.9	547583.6	6.82	W760X582	
153-1868	IZ®	284.7	73.6	56.4	60.2	63.9	4472.3	23.64	W40X277	D1
		15307.5	1868.4	275.4	293.7	312	610737.2	7.2	W1000X412	
156-1875	IZ®	289.5	73.8	68.8	72.5	76.3	4295.8	22.98	W33X354	D1
		15566	1875.4	335.9	354.1	372.4	586633.2	7	W840X527	

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156-1888	IZ®	289.9	74.3	64.1	67.8	71.5	4415.1	23.44	W36X328	D1
		15588.4	1888.4	312.8	330.9	349	602922.5	7.14	W920X488	
159-1868	IZ®	295.3	73.6	59.8	63.5	67.3	4716	23.64	W40X297	D1
		15874.2	1868.4	291.8	310.1	328.4	644008.1	7.2	W1000X443	
162-1866	IZ®	301.2	73.5	54.1	57.9	61.6	5063.5	24.23	W44X262	D1
		16195.1	1866.4	264.4	282.7	301	691460.3	7.38	W1100X390	
166-1891	IZ®	308.6	74.5	68.9	72.6	76.3	4802.2	23.5	W36X359	D1
		16589.1	1891.4	336.4	354.5	372.5	655781.5	7.16	W920X534	
166-1877	IZ®	309	73.9	74.1	77.9	81.6	4693.1	23.08	W33X387	D1
		16614.8	1877.4	361.9	380.1	398.3	640881.7	7.03	W840X576	
170-1870	IZ®	315.3	73.6	64.1	67.8	71.6	5149.7	23.73	W40X324	D1
		16951.3	1870.4	312.9	331.2	349.4	703241	7.23	W1000X483	
170-1774	IZ®	317	69.9	67.9	71.9	75.8	5259.3	22.52	W40X327	D1
		17045	1774.4	331.6	350.9	370.1	718208.4	6.86	W1000X486	
171-1775	IZ®	318.7	69.9	68.8	72.7	76.7	5301.5	22.55	W40X331	D1
		17135.2	1775.4	335.8	355.1	374.3	723961.7	6.87	W1000X494	
174-1868	IZ®	322.9	73.6	58.8	62.6	66.3	5576.9	24.29	W44X290	D1
		17360.8	1868.4	287.2	305.5	323.8	761580.6	7.4	W1100X433	
177-1893	IZ®	330	74.5	74.4	78.1	81.8	5257.5	23.6	W36X393	D1
		17740.4	1893.4	363.4	381.5	399.5	717958.3	7.19	W920X585	
179-1853	IZ®	333.1	73	99.8	103.6	107.4	4807.1	22.06	W27X539	D1
		17910.5	1853.4	487.3	505.7	524.2	656447.7	6.72	W690X802	
182-1873	IZ®	339.3	73.8	70.2	73.9	77.6	5694.8	23.8	W40X362	D1
		18242.2	1873.4	342.6	360.8	379	777671.7	7.25	W1000X539	
185-1874	IZ®	344.6	73.8	71.8	75.5	79.2	5819.1	23.83	W40X372	D1
		18527.2	1874.4	350.4	368.6	386.8	794645	7.26	W1000X554	
188-1871	IZ®	350.4	73.7	65.7	69.4	73.2	6256.2	24.36	W44X335	D1
		18841.1	1871.4	320.7	339	357.2	854341.4	7.42	W1100X499	

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193-1897	IZ®	358.5	74.7	81.6	85.3	88.9	5867.2	23.7	W36X439	D1
		19273.8	1897.4	398.2	416.2	434.2	801223	7.22	W920X653	
194-1780	IZ®	360.9	70.1	79	82.9	86.8	6277.4	22.72	W40X392	D1
		19403.3	1780.4	385.6	404.8	424	857229.9	6.92	W1000X584	
195-1875	IZ®	363.2	73.8	75.7	79.5	83.2	6237.8	23.86	W40X397	D1
		19524.8	1875.4	369.8	388.1	406.3	851823.1	7.27	W1000X591	
207-1878	IZ®	384.4	74	81.2	84.9	88.6	6730.8	23.96	W40X431	D1
		20666.9	1878.4	396.4	414.6	432.8	919148.6	7.3	W1000X642	
222-1903	IZ®	413.3	74.9	95.3	99	102.7	7082.5	23.9	W36X527	D1
		22219.5	1903.4	465.4	483.4	501.3	967182.8	7.28	W920X784	
233-1883	IZ®	433	74.1	92.7	96.4	100.1	7879.6	24.13	W40X503	D1
		23277.3	1883.4	452.5	470.6	488.7	1076025	7.35	W1000X748	
263-1912	IZ®	489	75.3	114.4	118	121.7	8838.2	24.16	W36X650	D1
		26290.4	1912.4	558.5	576.3	594.2	1206933.1	7.36	W920X967	
266-1890	IZ®	494.3	74.4	107.2	110.9	114.6	9375.5	24.32	W40X593	D1
		26575.8	1890.4	523.5	541.5	559.6	1280309.8	7.41	W1000X883	
313-1923	IZ®	582.6	75.7	137.1	140.8	144.4	11118.1	24.49	W36X798	D1
		31321.9	1923.4	669.6	687.3	705.1	1518270.8	7.46	W920X1188	

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28-1499	IZ®	51.2	59	23.2	27.9	32.5	368.4	16.88	W16X45	D2
		2753.3	1499	113.2	136	158.8	50302	5.14	W410X67	
28-1473	IZ®	52.2	58	22.5	27.3	32	385.6	16.84	W18X40	D2
		2805.2	1473	110	133.2	156.4	52661.2	5.13	W460X60	
28-1500	IZ®	52.9	59.1	24.2	28.9	33.5	383	16.91	W16X50	D2
		2843.9	1500	118.1	140.9	163.6	52298.5	5.15	W410X75	
29-1474	IZ®	54.4	58	23.8	28.5	33.3	406.8	16.88	W18X46	D2
		2926	1474	116	139.2	162.4	55557.9	5.14	W460X68	
30-1501	IZ®	55.2	59.1	25.6	30.2	34.9	403.1	16.94	W16X57	D2
		2966.6	1501	124.8	147.5	170.3	55042.9	5.16	W410X85	
30-1510	IZ®	55.4	59.4	24	28.6	33.2	415.5	17.34	W18X50	D2
		2978.8	1510	117.1	139.7	162.3	56734.6	5.28	W460X74	
31-1485	IZ®	57.1	58.5	23.2	27.9	32.6	445.7	17.43	W21X44	D2
		3067.9	1485	113.3	136.3	159.3	60865.1	5.31	W530X66	
31-1511	IZ®	57.4	59.5	25.1	29.7	34.3	434.6	17.34	W18X55	D2
		3087	1511	122.4	145	167.6	59344.3	5.28	W460X82	
31-1718	IZ®	57.5	67.7	27.8	31.9	35.9	413.5	19.57	HP16x88	D2
		3089.1	1718.5	135.7	155.6	175.4	56466.3	5.96	HP410x131	
31-1580	IZ®	57.8	62.2	26.4	30.8	35.3	424.6	17.96	W16X67	D2
		3109.1	1580	129	150.6	172.2	57988	5.47	W410X100	
31-1527	IZ®	58.2	60.1	23.3	27.9	32.5	457.7	17.99	W21X48	D2
		3128.8	1527	114	136.4	158.7	62508.7	5.48	W530X72	
32-1512	IZ®	59.4	59.5	26	30.6	35.3	453.6	17.37	W18X60	D2
		3195.2	1512	127	149.6	172.2	61937.4	5.29	W460X89	
32-1486	IZ®	60.2	58.5	24.4	29.1	33.8	477.3	17.47	W21X50	D2
		3236.8	1486	119.1	142.1	165.1	65186.3	5.32	W530X74	
33-1581	IZ®	61.2	62.2	28.3	32.8	37.2	454.6	17.99	W16X77	D2
		3290.1	1581	138.3	159.9	181.5	62084.2	5.48	W410X114	

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33-1513	IZ®	61.4	59.6	26.9	31.6	36.2	472.1	17.4	W18X65	D2
		3299	1513	131.6	154.1	176.7	64475.2	5.3	W460X97	
33-1720	IZ®	61.5	67.7	30.2	34.3	38.4	447	19.63	HP16x101	D2
		3306.3	1720	147.6	167.5	187.3	61035.3	5.98	HP410x151	
33-1529	IZ®	62.1	60.2	24.8	29.3	33.9	497.2	18.02	W21X55	D2
		3341.2	1529	120.9	143.3	165.6	67891.4	5.49	W530X82	
34-1514	IZ®	63.5	59.6	28.2	32.8	37.4	493.3	17.43	W18X71	D2
		3413.8	1514	137.7	160.3	182.8	67370.6	5.31	W460X106	
35-1600	IZ®	64.1	63	27.6	32	36.3	497.3	18.52	W18X76	D2
		3448	1600	134.7	156.1	177.4	67910.4	5.64	W460X113	
35-1486	IZ®	64.2	58.5	25.8	30.5	35.2	518.6	17.5	W21X57	D2
		3453.7	1486	126	149	172	70817.2	5.33	W530X85	
35-1583	IZ®	65.3	62.3	30.6	35	39.5	491.3	18.06	W16X89	D2
		3509.9	1583	149.5	171.1	192.7	67094.9	5.5	W410X132	
36-1529	IZ®	66.2	60.2	26.1	30.7	35.3	537.9	18.06	W21X62	D2
		3556.8	1529	127.6	150	172.3	73454.4	5.5	W530X92	
36-1723	IZ®	67.3	67.8	33.7	37.8	41.9	498.1	19.7	HP16x121	D2
		3618.9	1723.2	164.7	184.5	204.3	68022.2	6	HP410x181	
37-1602	IZ®	68.1	63.1	29.5	33.8	38.2	535.2	18.58	W18X86	D2
		3661.5	1602	143.8	165.2	186.5	73089.4	5.66	W460X128	
37-1498	IZ®	68.3	59	25.3	30	34.6	577.6	18.09	W24X55	D2
		3673.3	1498	123.4	146.2	169.1	78875.7	5.51	W610X82	
37-1585	IZ®	69.2	62.4	32.7	37.1	41.5	527.7	18.09	W16X100	D2
		3719.6	1585	159.8	181.3	202.9	72068.3	5.51	W410X149	
37-1530	IZ®	69.3	60.2	27.3	31.8	36.4	570.6	18.09	W21X68	D2
		3723.9	1530	133.2	155.5	177.8	77917.8	5.51	W530X101	
39-1531	IZ®	71.7	60.3	28.3	32.9	37.4	596.2	18.12	W21X73	D2
		3852.5	1531	138.2	160.5	182.8	81418.1	5.52	W530X109	

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39-1603	IZ®	72.5	63.1	31.6	35.9	40.3	578.4	18.62	W18X97	D2
		3898.1	1603	154	175.4	196.7	78982.6	5.67	W460X144	
39-1499	IZ®	72.6	59	26.7	31.3	36	625	18.12	W24X62	D2
		3900.6	1499	130.2	153	175.7	85345.6	5.52	W610X92	
39-1726	IZ®	73	68	37.2	41.3	45.3	546.9	19.73	HP16x141	D2
		3926.8	1726.4	181.7	201.5	221.3	74686.1	6.01	HP410x211	
41-1604	IZ®	75.7	63.1	33.2	37.6	42	611.2	18.65	W18X106	D2
		4071.5	1604	162.3	183.6	204.9	83461.6	5.68	W460X158	
41-1771	IZ®	75.8	69.7	35.2	39.2	43.1	597.8	20.58	HP18x135	D2
		4072.9	1770.8	172	191.3	210.6	81640.4	6.27	HP360x202	
41-1548	IZ®	75.8	60.9	27	31.5	36	660.7	18.78	W24X68	D2
		4074.7	1548	131.6	153.7	175.8	90223.8	5.72	W610X101	
41-1532	IZ®	76.2	60.3	30.2	34.7	39.3	646	18.16	W21X83	D2
		4098.3	1532	147.3	169.6	191.9	88222.5	5.53	W530X123	
43-1730	IZ®	79.2	68.1	40.7	44.8	48.8	603.3	19.83	HP16x162	D2
		4258.4	1729.6	198.9	218.7	238.4	82379.2	6.04	HP410x242	
43-1534	IZ®	80.8	60.4	32.1	36.7	41.3	697	18.19	W21X93	D2
		4342	1534	156.9	179.1	201.4	95178.7	5.54	W530X138	
44-1718	IZ®	80.9	67.6	43.5	47.5	51.6	593.2	19.5	W14X176	D2
		4349.9	1718	212.3	232.2	252	81007	5.94	W360X262	
44-1548	IZ®	81	60.9	28.5	33	37.6	720.6	18.81	W24X76	D2
		4357.3	1548	139.2	161.3	183.4	98400.7	5.73	W610X113	
44-1606	IZ®	81.1	63.2	35.7	40.1	44.4	665.4	18.68	W18X119	D2
		4358.6	1606	174.3	195.6	216.8	90863.4	5.69	W460X177	
44-1774	IZ®	82.5	69.8	38.8	42.8	46.7	661.8	20.65	HP18x157	D2
		4436.8	1774	189.7	208.9	228.2	90376.8	6.29	HP360x234	
45-1632	IZ®	83.4	64.3	31.8	36.1	40.4	721.7	19.47	W21X101	D2
		4482.5	1632	155.2	176.1	197	98548.8	5.93	W530X150	

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46-1739	IZ®	85	68.5	44.3	48.4	52.4	656.9	19.96	HP16x183	D2
		4569.4	1739.1	216.5	236.1	255.8	89698.9	6.08	HP410x272	
46-1549	IZ®	86	61	30.1	34.6	39.1	778.5	18.85	W24X84	D2
		4624.7	1549	146.7	168.8	190.9	106305.1	5.74	W610X125	
46-1719	IZ®	86.1	67.7	46.4	50.5	54.6	639.1	19.57	W14X193	D2
		4627.8	1719	226.8	246.6	266.5	87272.8	5.96	W360X287	
46-1603	IZ®	86.2	63.1	37.9	42.2	46.6	719.2	18.71	W18X130	D2
		4634.6	1603	184.9	206.2	227.5	98207.1	5.7	W460X193	
47-1633	IZ®	87.6	64.3	33.6	37.9	42.2	769.2	19.5	W21X111	D2
		4711.8	1633	164.2	185.1	206	105044	5.94	W530X165	
49-1777	IZ®	90.6	70	42.9	46.8	50.7	739.8	20.72	HP18x181	D2
		4869.8	1777.2	209.3	228.5	247.7	101028.8	6.31	HP360x269	
49-1721	IZ®	91.3	67.8	49.6	53.6	57.7	686.4	19.6	W14X211	D2
		4906.9	1721	242	261.9	281.7	93735	5.97	W360X314	
49-1605	IZ®	91.6	63.2	40.2	44.6	48.9	775.8	18.75	W18X143	D2
		4922.1	1605	196.4	217.7	239	105947.3	5.71	W460X213	
49-1550	IZ®	91.8	61	32.1	36.6	41.1	849.4	18.88	W24X94	D2
		4937.4	1550	156.8	178.8	200.9	115989.5	5.75	W610X140	
50-1635	IZ®	92.6	64.4	35.6	39.8	44.1	826.2	19.53	W21X122	D2
		4980.7	1635	173.6	194.5	215.4	112822.6	5.95	W530X182	
50-1573	IZ®	93.8	61.9	29.7	34.1	38.6	900.5	19.57	W27X84	D2
		5041	1573	145	166.7	188.4	122968.9	5.96	W690X125	
51-1644	IZ®	94.2	64.7	32.1	36.4	40.6	878	20.06	W24X104	D2
		5064	1644	156.9	177.7	198.4	119893.8	6.11	W610X155	
52-1650	IZ®	96.6	65	59.3	63.5	67.8	721	18.55	W12X252	D2
		5193.9	1650	289.5	310.2	330.9	98455.7	5.65	W310X375	
52-1607	IZ®	97.2	63.3	43	47.3	51.7	837.3	18.81	W18X158	D2
		5225.3	1607	209.8	231.1	252.4	114334.3	5.73	W460X235	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
52-1636	IZ®	97.2	64.4	37.4	41.7	46	878	19.57	W21X132	D2
		5227.6	1636	182.6	203.5	224.4	119902.8	5.96	W530X196	
52-1724	IZ®	97.4	67.9	53.4	57.5	61.5	745.4	19.7	W14X233	D2
		5238.2	1724	260.7	280.5	300.3	101791.9	6	W360X347	
52-1549	IZ®	97.5	61	33.8	38.3	42.8	918.6	18.88	W24X103	D2
		5242.5	1549	165	187	209.1	125441.4	5.75	W610X153	
53-1780	IZ®	98.3	70.1	46.9	50.8	54.7	820.2	20.78	HP18x204	D2
		5286.9	1780.4	228.8	248	267.2	112000.5	6.33	HP460x304	
54-1574	IZ®	101.2	62	31.5	36	40.4	994.7	19.63	W27X94	D2
		5440.2	1574	153.9	175.6	197.3	135840.2	5.98	W690X140	
55-1645	IZ®	101.3	64.8	34.5	38.7	43	965	20.09	W24X117	D2
		5448.7	1645	168.2	189	209.8	131774.8	6.12	W610X174	
56-1654	IZ®	104	65.1	64	68.2	72.5	795.5	18.65	W12X279	D2
		5590.6	1654	312.6	333.2	353.9	108629.1	5.68	W310X415	
56-1638	IZ®	104.1	64.5	40.2	44.5	48.7	958.5	19.63	W21X147	D2
		5595.6	1638	196.3	217.1	238	130887.1	5.98	W530X219	
56-1726	IZ®	104.3	68	57.6	61.7	65.7	813.6	19.76	W14X257	D2
		5607.9	1726	281.3	301.1	320.9	111101.9	6.02	W360X382	
56-1609	IZ®	104.5	63.3	46.1	50.5	54.8	917.8	18.88	W18X175	D2
		5616.4	1609	225.2	246.4	267.7	125338.4	5.75	W460X260	
58-1584	IZ®	107	62.4	30.5	34.9	39.3	1104.6	20.19	W30X90	D2
		5754	1584	149	170.5	192.1	150840.6	6.15	W760X134	
58-1574	IZ®	107.2	62	33.2	37.6	42	1073.2	19.67	W27X102	D2
		5763.4	1574	161.9	183.6	205.3	146561.4	5.99	W690X152	
59-1647	IZ®	109	64.8	37.1	41.3	45.5	1061.2	20.16	W24X131	D2
		5858.4	1647	180.9	201.7	222.4	144911	6.14	W610X195	
60-1656	IZ®	111.6	65.2	68.8	73	77.2	875.5	18.75	W12X305	D2
		6001.7	1656	335.9	356.5	377.1	119563.6	5.71	W310X454	

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60-1729	IZ®	112.4	68.1	62.1	66.1	70.2	894.1	19.83	W14X283	D2
		6043	1729	303.1	322.8	342.6	122093.7	6.04	W360X421	
61-1585	IZ®	112.9	62.4	32.3	36.7	41.1	1190.3	20.22	W30X99	D2
		6067.5	1585	157.8	179.3	200.9	162548.6	6.16	W760X147	
62-1576	IZ®	114.4	62	35.4	39.8	44.2	1171.6	19.7	W27X114	D2
		6149.5	1576	172.6	194.3	216	159991.5	6	W690X170	
62-1635	IZ®	115.2	64.4	43.8	48.1	52.4	1089.9	19.63	W21X166	D2
		6191.1	1635	213.9	234.8	255.7	148840.9	5.98	W530X248	
64-1648	IZ®	118.1	64.9	39.8	44	48.3	1175.6	20.22	W24X146	D2
		6352.1	1648	194.1	214.9	235.6	160534.1	6.16	W610X217	
65-1586	IZ®	120.3	62.4	34	38.4	42.8	1295.1	20.26	W30X108	D2
		6465.1	1586	166.1	187.6	209.2	176855.8	6.17	W760X161	
65-1660	IZ®	120.3	65.4	74.3	78.6	82.8	968	18.85	W12X336	D2
		6468.7	1660	363	383.6	404.1	132193.1	5.74	W310X500	
65-1732	IZ®	120.5	68.2	66.9	70.9	75	979.1	19.93	W14X311	D2
		6476	1732	326.6	346.3	366	133703.9	6.07	W360X463	
66-1638	IZ®	122.3	64.5	46.8	51	55.3	1178.8	19.7	W21X182	D2
		6575.8	1638	228.4	249.2	270.1	160977.9	6	W530X272	
67-1574	IZ®	125.1	62	38.3	42.7	47.2	1319.6	19.73	W27X129	D2
		6726.5	1574	186.8	208.5	230.2	180209.4	6.01	W690X192	
68-1649	IZ®	126.9	64.9	42.8	47	51.2	1291	20.26	W24X162	D2
		6820.9	1649	208.8	229.5	250.2	176302.9	6.17	W610X241	
68-1587	IZ®	127.1	62.5	35.6	40	44.4	1393.3	20.29	W30X116	D2
		6832.6	1587	173.9	195.4	217	190272.3	6.18	W760X173	
70-1736	IZ®	129.8	68.3	72.2	76.2	80.3	1080.7	20.03	W14X342	D2
		6980.9	1736	352.5	372.2	391.9	147584.7	6.1	W360X509	
71-1639	IZ®	131.3	64.5	50.3	54.5	58.8	1293	19.76	W21X201	D2
		7061.1	1639	245.5	266.3	287.2	176570.6	6.02	W530X300	

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				60%	80%	100%				
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71-1675	IZ®	131.9	65.9	39.2	43.4	47.6	1410.1	21.01	W27X146	D2
		7090.7	1675	191.5	211.9	232.3	192558.8	6.4	W690X217	
72-1587	IZ®	133.6	62.5	37	41.4	45.9	1486.7	20.32	W30X124	D2
		7180.3	1587	180.8	202.3	223.9	203022.3	6.19	W760X185	
73-1647	IZ®	135	64.8	45.3	49.5	53.7	1398.4	20.26	W24X176	D2
		7259.9	1647	220.9	241.7	262.4	190963.5	6.17	W610X262	
75-1738	IZ®	138.9	68.4	77	81	85.1	1178.9	20.09	W14X370	D2
		7467.4	1738	376	395.7	415.4	160985.8	6.12	W360X551	
75-1588	IZ®	139.3	62.5	38.6	43	47.4	1575.3	20.35	W30X132	D2
		7487.8	1588	188.6	210.1	231.6	215118.1	6.2	W760X196	
75-1612	IZ®	140.2	63.5	35.4	39.7	44	1642.6	21.11	W33X118	D2
		7537.2	1612	172.7	193.9	215	224311.6	6.43	W840X176	
76-1676	IZ®	140.8	66	42	46.2	50.3	1539.2	21.04	W27X161	D2
		7572.3	1676	204.9	225.3	245.7	210193.5	6.41	W690X240	
77-1649	IZ®	142.9	64.9	48.1	52.4	56.6	1507.5	20.32	W24X192	D2
		7682.8	1649	235	255.7	276.4	205864.7	6.19	W610X285	
79-1741	IZ®	147.3	68.5	81.8	85.8	89.8	1276.8	20.16	W14X398	D2
		7918.9	1741	399.3	418.9	438.5	174358.6	6.14	W360X592	
81-1678	IZ®	150.2	66.1	45	49.2	53.3	1675.3	21.11	W27X178	D2
		8073.5	1678	219.7	240	260.4	228772.7	6.43	W690X265	
81-1612	IZ®	150.9	63.5	37.7	42	46.3	1812.3	21.14	W33X130	D2
		8115.4	1612	183.9	205.1	226.2	247481.8	6.44	W840X193	
81-1650	IZ®	151.1	65	50.9	55.2	59.4	1621.7	20.35	W24X207	D2
		8124.4	1650	248.6	269.3	290	221461.2	6.2	W610X307	
82-1586	IZ®	152.4	62.4	41.7	46.1	50.5	1774.5	20.39	W30X148	D2
		8191.5	1586	203.7	225.2	246.8	242329.3	6.21	W760X220	
84-1744	IZ®	156.5	68.7	86.5	90.5	94.6	1382.7	20.26	W14X426	D2
		8413.9	1744	422.5	442	461.6	188826.6	6.17	W360X634	

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86-1613	IZ®	160.6	63.5	39.7	44.1	48.4	1971.2	21.17	W33X141	D2
		8637	1613	194	215.1	236.3	269178.3	6.45	W840X210	
87-1676	IZ®	161.8	66	47.9	52.1	56.3	1843.8	21.11	W27X194	D2
		8696.3	1676	234	254.4	274.8	251780.5	6.43	W690X289	
87-1653	IZ®	162.3	65.1	54.9	59.1	63.4	1781.2	20.45	W24X229	D2
		8724.4	1653	268.1	288.8	309.4	243243.5	6.23	W610X341	
88-1701	IZ®	163.5	67	43.4	47.6	51.7	1944.6	21.86	W30X173	D2
		8787.9	1701	212.1	232.2	252.3	265551.2	6.66	W760X257	
89-1624	IZ®	164.5	63.9	38.3	42.6	46.9	2099.5	21.7	W36X135	D2
		8845.4	1624	186.9	207.9	228.9	286699.8	6.61	W920X201	
89-1748	IZ®	164.8	68.8	91.4	95.4	99.4	1483.7	20.35	W14X455	D2
		8858.9	1748	446.2	465.7	485.3	202613.1	6.2	W360X677	
91-1614	IZ®	169.7	63.5	41.8	46.1	50.5	2123.6	21.24	W33X152	D2
		9126.2	1614	204.1	225.2	246.4	289995.5	6.47	W840X226	
93-1655	IZ®	173.6	65.2	58.7	63	67.2	1945.5	20.52	W24X250	D2
		9334.7	1655	286.8	307.4	328	265681.6	6.25	W610X372	
94-1702	IZ®	175.2	67	46.6	50.7	54.8	2131.9	21.9	W30X191	D2
		9419.9	1702	227.6	247.7	267.8	291131.6	6.67	W760X284	
94-1679	IZ®	175.2	66.1	52.1	56.2	60.4	2048.4	21.21	W27X217	D2
		9420.5	1679	254.1	274.5	294.8	279731.5	6.46	W690X323	
97-1752	IZ®	179.5	69	99	103	107	1666.7	20.45	W14X500	D2
		9651.1	1752	483.3	502.8	522.3	227599	6.23	W360X744	
97-1624	IZ®	179.6	63.9	41.1	45.5	49.8	2360.5	21.77	W36X150	D2
		9655.8	1624	200.9	221.9	242.9	322347.2	6.63	W920X223	
99-1612	IZ®	184.1	63.5	44.8	49.2	53.5	2365.1	21.24	W33X169	D2
		9899.2	1612	218.9	240.1	261.3	322976.8	6.47	W840X251	
100-1680	IZ®	185.1	66.1	55.4	59.5	63.7	2203.3	21.24	W27X235	D2
		9950.4	1680	270.3	290.7	311	300883.3	6.47	W690X350	

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101-1704	IZ [®]	188	67.1	50.2	54.3	58.4	2340.9	21.96	W30X211	D2
		10105.1	1704	244.9	264.9	285	319665.6	6.69	W760X314	
101-1625	IZ [®]	188	64	43	47.3	51.6	2512.2	21.8	W36X160	D2
		10105.2	1625	209.9	230.9	252	343060.2	6.64	W920X238	
101-1658	IZ [®]	188	65.3	64	68.2	72.4	2160.3	20.58	W24X279	D2
		10105.7	1658	312.3	332.9	353.5	295011	6.27	W610X415	
102-1620	IZ [®]	189.3	63.8	41	45.4	49.7	2607.7	22.09	W40X149	D2
		10175.7	1620	200.4	221.5	242.6	356106.2	6.73	W1000X222	
105-1757	IZ [®]	195.9	69.2	107.1	111.1	115.1	1878.4	20.62	W14X550	D2
		10534.5	1757	523	542.4	561.9	256505.5	6.28	W360X818	
106-1626	IZ [®]	196.5	64	44.8	49.2	53.5	2667.7	21.83	W36X170	D2
		10562.9	1626	219	240	261	364293	6.65	W920X253	
107-1682	IZ [®]	198.3	66.2	59.3	63.5	67.6	2411.9	21.31	W27X258	D2
		10663	1682	289.6	309.9	330.2	329367.3	6.49	W690X384	
107-1720	IZ [®]	199.5	67.7	47.9	52	56	2637	22.62	W33X201	D2
		10723.8	1720	233.9	253.8	273.7	360105.6	6.89	W840X299	
109-1660	IZ [®]	202.1	65.4	68.7	72.9	77.2	2375.5	20.65	W24X306	D2
		10863	1660	335.5	356.1	376.7	324396.7	6.29	W610X455	
110-1702	IZ [®]	204.9	67	54.5	58.6	62.7	2619	21.99	W30X235	D2
		11016.3	1702	265.9	286	306.1	357652	6.7	W760X350	
111-1627	IZ [®]	205.5	64.1	47.1	51.4	55.7	2838.2	21.86	W36X182	D2
		11047.4	1627	229.9	250.9	271.9	387580.3	6.66	W920X271	
113-1620	IZ [®]	209.6	63.8	44.4	48.7	53.1	2984.8	22.16	W40X167	D2
		11271.3	1620	216.9	238	259	407604.1	6.75	W1000X249	
114-1684	IZ [®]	211.8	66.3	63.5	67.7	71.9	2629.1	21.37	W27X281	D2
		11385.4	1684	310.3	330.5	350.8	359023.7	6.51	W690X419	
115-1721	IZ [®]	213.8	67.8	51.4	55.5	59.6	2892.1	22.68	W33X221	D2
		11492.8	1721	251.1	271	290.8	394935.1	6.91	W840X329	

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115-1628	IZ®	214.1	64.1	49.2	53.5	57.8	3002.9	21.9	W36X194	D2
		11509.3	1628	240.4	261.4	282.4	410069.2	6.67	W920X289	
115-1762	IZ®	214.6	69.4	116.8	120.8	124.8	2127.9	20.75	W14X605	D2
		11539.6	1762	570.5	589.9	609.3	290582.9	6.32	W360X900	
117-1663	IZ®	216.8	65.5	74	78.2	82.4	2606.9	20.75	W24X335	D2
		11655.2	1663	361.4	381.9	402.5	355998.1	6.32	W610X498	
118-1705	IZ®	220.3	67.1	59.1	63.2	67.3	2884.5	22.06	W30X261	D2
		11842.9	1705	288.5	308.5	328.5	393908.6	6.72	W760X389	
121-1629	IZ®	225.6	64.1	52.3	56.6	60.9	3226.7	21.93	W36X210	D2
		12127	1629	255.2	276.2	297.1	440641	6.68	W920X313	
121-1687	IZ®	225.6	66.4	68	72.2	76.3	2857.3	21.44	W27X307	D2
		12128.7	1687	332	352.3	372.5	390196.1	6.53	W690X457	
122-1723	IZ®	227.6	67.8	54.9	59	63	3142.7	22.75	W33X241	D2
		12239	1723	268.1	288	307.8	429157.7	6.93	W840X359	
123-1620	IZ®	228.9	63.8	47.4	51.7	56	3348.7	22.22	W40X183	D2
		12304.6	1620	231.4	252.5	273.6	457291.3	6.77	W1000X272	
125-1720	IZ®	232.8	67.7	47.4	51.5	55.6	3440	23.47	W40X199	D2
		12518.7	1720	231.6	251.5	271.4	469756.9	7.15	W1000X296	
125-1738	IZ®	233.1	68.4	52.4	56.4	60.5	3326	23.24	W36X230	D2
		12531.5	1738	255.9	275.6	295.2	454197.3	7.08	W920X342	
126-1667	IZ®	234.4	65.6	80.3	84.5	88.7	2891.9	20.85	W24X370	D2
		12604.2	1667	392.1	412.6	433	394913.3	6.35	W610X551	
126-1768	IZ®	234.6	69.6	126.5	130.4	134.4	2410.4	20.91	W14X665	D2
		12611.2	1768	617.4	636.7	656.1	329167.6	6.37	W360X990	
129-1707	IZ®	240.1	67.2	64.5	68.6	72.7	3227.4	22.13	W30X292	D2
		12907	1707	314.8	334.8	354.8	440733.5	6.74	W760X434	
130-1690	IZ®	242.1	66.5	73.1	77.3	81.4	3135.9	21.54	W27X336	D2
		13015.9	1690	357	377.2	397.4	428230	6.56	W690X500	

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		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
131-1739	IZ®	244.3	68.5	55.1	59.1	63.1	3538.5	23.27	W36X245	D2
		13136.9	1739	268.8	288.5	308.1	483208.4	7.09	W920X365	
132-1721	IZ®	245.4	67.8	58.9	63	67	3465.2	22.75	W33X263	D2
		13190.8	1721	287.6	307.5	327.3	473207.8	6.93	W840X392	
132-1628	IZ®	245.4	64.1	56.2	60.5	64.8	3607.4	21.96	W36X232	D2
		13193.1	1628	274.6	295.6	316.6	492623.2	6.69	W920X345	
135-1620	IZ®	250.8	63.8	52.7	57	61.3	3807.4	22.26	W40X211	D2
		13484.7	1620	257.1	278.2	299.3	519929.8	6.78	W1000X314	
135-1720	IZ®	251.4	67.7	50.4	54.5	58.6	3799	23.54	W40X215	D2
		13515.4	1720	246.3	266.1	286	518786.7	7.17	W1000X321	
137-1740	IZ®	255.4	68.5	57.6	61.6	65.7	3751.6	23.31	W36X260	D2
		13729.3	1740	281.3	301	320.6	512316.3	7.1	W920X387	
139-1774	IZ®	257.6	69.8	136.9	140.8	144.8	2742	21.08	W14X730	D2
		13850.1	1774	668.4	687.7	706.9	374440.6	6.42	W360X1086	
140-1692	IZ®	259.6	66.6	78.8	83	87.1	3437.7	21.6	W27X368	D2
		13957	1692	384.9	405.1	425.3	469446.5	6.58	W690X548	
140-1710	IZ®	260	67.3	70.4	74.5	78.6	3585.1	22.22	W30X326	D2
		13978.9	1710	343.6	363.6	383.6	489578	6.77	W760X484	
141-1630	IZ®	262.8	64.2	60.8	65.1	69.4	3959.9	22.03	W36X256	D2
		14127	1630	296.9	317.9	338.9	540760.7	6.71	W920X381	
142-1724	IZ®	263.7	67.9	63.7	67.8	71.9	3812.2	22.85	W33X291	D2
		14178.7	1724	311.2	331.1	350.9	520592.8	6.96	W840X433	
145-1622	IZ®	269.3	63.9	57.1	61.4	65.7	4199.7	22.32	W40X235	D2
		14478.3	1622	278.6	299.6	320.7	573500.3	6.8	W1000X350	
146-1742	IZ®	270.7	68.6	61.2	65.2	69.2	4052.6	23.37	W36X280	D2
		14554.5	1742	298.6	318.2	337.8	553421.6	7.12	W920X417	
148-1791	IZ®	276	70.5	149.1	153	156.9	3003.2	21.24	W14X808	D2
		14836.7	1791	727.8	746.9	766	410116.5	6.47	W360X1202	

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149-1720	IZ®	277.6	67.7	56.4	60.5	64.6	4346.1	23.57	W40X249	D2
		14924.3	1720	275.5	295.3	315.2	593497.5	7.18	W1000X371	
150-1713	IZ®	279.2	67.4	75.8	79.9	84	3936.2	22.32	W30X357	D2
		15009.4	1713	370.1	390	410	537522.2	6.8	W760X531	
152-1726	IZ®	281.8	68	68.4	72.5	76.5	4159.1	22.91	W33X318	D2
		15151.8	1726	334.1	353.9	373.7	567962.3	6.98	W840X473	
153-1743	IZ®	284.5	68.6	64.6	68.6	72.7	4325.8	23.41	W36X300	D2
		15298.1	1743	315.5	335.1	354.7	590721.6	7.13	W920X446	
154-1720	IZ®	285.9	67.7	53.1	57.1	61.2	4750.3	24.16	W44X230	D2
		15372.5	1720	259	278.9	298.8	648693	7.36	W1100X343	
155-1623	IZ®	288.4	63.9	62.5	66.8	71.1	4623.7	22.39	W40X264	D2
		15504.5	1623	305	326	347.1	631402.3	6.82	W1000X393	
160-1624	IZ®	298	63.9	65.2	69.5	73.8	4839.9	22.39	W40X278	D2
		16023.5	1624	318.3	339.4	360.4	660932.2	6.82	W1000X415	
160-1722	IZ®	298.4	67.8	61.2	65.3	69.3	4790.6	23.64	W40X277	D2
		16044.7	1722	298.8	318.7	338.5	654196.5	7.2	W1000X412	
161-1716	IZ®	299.2	67.6	81.8	85.9	90	4312.3	22.39	W30X391	D2
		16086.7	1716	399.6	419.5	439.4	588888.3	6.82	W760X582	
164-1742	IZ®	304.6	68.6	69.5	73.5	77.5	4731.8	23.44	W36X328	D2
		16378.8	1742	339.1	358.7	378.4	646174.7	7.14	W920X488	
164-1729	IZ®	304.8	68.1	74.6	78.7	82.7	4610.4	22.98	W33X354	D2
		16388.1	1729	364.4	384.1	403.9	629592.6	7	W840X527	
167-1722	IZ®	309.9	67.8	64.9	68.9	73	5051.3	23.64	W40X297	D2
		16661.5	1722	316.6	336.5	356.3	689805.5	7.2	W1000X443	
170-1720	IZ®	315.5	67.7	58.8	62.8	66.9	5416.8	24.23	W44X262	D2
		16964.3	1720	286.9	306.7	326.6	739713.7	7.38	W1100X390	
175-1745	IZ®	324.7	68.7	74.7	78.7	82.7	5146.3	23.5	W36X359	D2
		17458.1	1745	364.6	384.2	403.8	702776.9	7.16	W920X534	

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175-1731	IZ®	325.9	68.1	80.4	84.4	88.5	5036.2	23.08	W33X387	D2
		17519.4	1731	392.5	412.3	432	687732.3	7.03	W840X576	
178-1724	IZ®	331.5	67.9	69.5	73.6	77.6	5516.6	23.73	W40X324	D2
		17823.6	1724	339.5	359.3	379.1	753343.3	7.23	W1000X483	
180-1628	IZ®	334.7	64.1	74	78.3	82.6	5653.9	22.52	W40X327	D2
		17992	1628	361.4	382.4	403.4	772093.4	6.86	W1000X486	
181-1629	IZ®	336.5	64.1	75	79.3	83.6	5699	22.55	W40X331	D2
		18091.1	1629	366	387	408	778243.3	6.87	W1000X494	
182-1722	IZ®	339	67.8	63.8	67.9	71.9	5967.2	24.29	W44X290	D2
		18225.3	1722	311.6	331.5	351.3	814878.8	7.4	W1100X433	
187-1747	IZ®	347.8	68.8	80.7	84.7	88.7	5634.4	23.6	W36X393	D2
		18700.5	1747	393.9	413.4	433	769429.6	7.19	W920X585	
190-1707	IZ®	353.6	67.2	108.4	112.5	116.6	5175.9	22.06	W27X539	D2
		19012.2	1707	529.1	549.1	569.1	706815.2	6.72	W690X802	
192-1727	IZ®	357.5	68	76.1	80.2	84.2	6101.1	23.8	W40X362	D2
		19219.8	1727	371.6	391.4	411.2	833158.4	7.25	W1000X539	
195-1728	IZ®	363.2	68	77.8	81.9	85.9	6234.3	23.83	W40X372	D2
		19528.8	1728	380	399.8	419.6	851347.3	7.26	W1000X554	
198-1725	IZ®	368.8	67.9	71.3	75.3	79.4	6695.6	24.36	W44X335	D2
		19830.4	1725	347.9	367.7	387.5	914336.8	7.42	W1100X499	
204-1751	IZ®	378.6	68.9	88.4	92.4	96.4	6288.4	23.7	W36X439	D2
		20354.2	1751	431.5	451	470.6	858742	7.22	W920X653	
206-1634	IZ®	382.2	64.3	86.1	90.3	94.6	6750.1	22.72	W40X392	D2
		20550.1	1634	420.2	441.1	462	921787	6.92	W1000X584	
206-1729	IZ®	383.3	68.1	82.2	86.2	90.3	6684.2	23.86	W40X397	D2
		20605.9	1729	401.2	420.9	440.7	912792.5	7.27	W1000X591	
218-1732	IZ®	406.2	68.2	88.1	92.1	96.1	7213.6	23.96	W40X431	D2
		21841.2	1732	429.9	449.6	469.4	985083.5	7.3	W1000X642	

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235-1757	IZ [®]	437.7	69.2	103.3	107.3	111.2	7593.2	23.9	W36X527	D2
		23532.4	1757	504.2	523.7	543.1	1036916.2	7.28	W920X784	
247-1737	IZ [®]	458.7	68.4	100.5	104.5	108.5	8448.4	24.13	W40X503	D2
		24662.1	1737	490.6	510.3	529.9	1153708.3	7.35	W1000X748	
279-1766	IZ [®]	519.4	69.5	123.9	127.8	131.8	9479.2	24.16	W36X650	D2
		27924	1766	604.8	624.1	643.5	1294466.2	7.36	W920X967	
282-1744	IZ [®]	525	68.7	116.2	120.2	124.2	10057.2	24.32	W40X593	D2
		28225.6	1744	567.4	587	606.6	1373403.5	7.41	W1000X883	
334-1777	IZ [®]	620.3	70	148.4	152.4	156.3	11929.4	24.49	W36X798	D2
		33348.6	1777	724.7	744	763.2	1629061.5	7.46	W920X1188	

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33-1618	IZ®	61.7	63.7	24.9	31	37.1	512.8	17.83	W18X35	D3
		3315.4	1618.4	121.5	151.2	181	70029.5	5.43	W460X52	
34-1619	IZ®	63.7	63.8	25.8	31.9	38	531.7	17.89	W18X40	D3
		3422.7	1619.4	126	155.7	185.4	72612.4	5.45	W460X60	
35-1620	IZ®	65.5	63.8	26.9	33	39.1	549.8	17.93	W18X46	D3
		3523.4	1620.4	131.4	161.1	190.9	75085.8	5.46	W460X68	
36-1656	IZ®	66.1	65.2	27	33	38.9	554.4	18.39	W18X50	D3
		3552	1656.4	132	161.1	190.2	75707.3	5.6	W460X74	
36-1631	IZ®	66.9	64.2	26.4	32.4	38.5	579	18.48	W21X44	D3
		3595.6	1631.4	128.8	158.3	187.8	79066	5.63	W530X66	
36-1673	IZ®	67.5	65.9	26.4	32.3	38.2	586	19.04	W21X48	D3
		3628	1673.4	129.1	157.9	186.6	80022.1	5.8	W530X72	
36-1657	IZ®	67.8	65.3	28	34	39.9	570.9	18.39	W18X55	D3
		3643.5	1657.4	136.9	165.9	195	77954.9	5.6	W460X82	
37-1658	IZ®	69.5	65.3	28.9	34.8	40.8	587.3	18.42	W18X60	D3
		3734.3	1658.4	141.1	170.1	199.1	80197.4	5.61	W460X89	
37-1632	IZ®	69.5	64.3	27.5	33.5	39.6	606.2	18.52	W21X50	D3
		3735.2	1632.4	134.1	163.6	193.1	82783.3	5.64	W530X74	
38-1675	IZ®	70.8	66	27.7	33.6	39.5	620.2	19.07	W21X55	D3
		3805.5	1675.4	135.4	164.1	192.9	84689	5.81	W530X82	
38-1659	IZ®	71.1	65.3	29.7	35.7	41.6	603.3	18.45	W18X65	D3
		3821.8	1659.4	145.2	174.2	203.3	82390.9	5.62	W460X97	
39-1632	IZ®	72.8	64.3	28.8	34.8	40.8	641.9	18.55	W21X57	D3
		3916	1632.4	140.4	169.9	199.4	87661.3	5.65	W530X85	
39-1746	IZ®	72.9	68.8	30.2	35.8	41.5	619.3	19.57	W18X76	D3
		3917.9	1746.4	147.4	175	202.6	84572.3	5.96	W460X113	
39-1660	IZ®	72.9	65.4	30.9	36.8	42.8	621.6	18.48	W18X71	D3
		3920	1660.4	150.8	179.8	208.8	84891.4	5.63	W460X106	

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40-1675	IZ®	74.2	66	29	34.9	40.8	655.8	19.11	W21X62	D3
		3987.4	1675.4	141.5	170.2	199	89548.8	5.82	W530X92	
41-1644	IZ®	75.7	64.7	28.3	34.3	40.2	689.8	19.14	W24X55	D3
		4067.4	1644.4	138	167.2	196.5	94192.9	5.83	W610X82	
41-1748	IZ®	76.3	68.8	31.9	37.5	43.2	652.7	19.63	W18X86	D3
		4102.5	1748.4	155.8	183.3	210.9	89128.7	5.98	W460X128	
41-1676	IZ®	76.8	66	30	35.9	41.8	684.2	19.14	W21X68	D3
		4129.3	1676.4	146.6	175.3	204	93439.1	5.83	W530X101	
42-1677	IZ®	78.9	66	31	36.8	42.7	706.6	19.17	W21X73	D3
		4240	1677.4	151.2	179.9	208.6	96494.4	5.84	W530X109	
43-1645	IZ®	79.3	64.8	29.5	35.5	41.5	731.1	19.17	W24X62	D3
		4261.3	1645.4	144.1	173.3	202.6	99835.1	5.84	W610X92	
43-1749	IZ®	80.1	68.9	33.8	39.5	45.1	690.7	19.67	W18X97	D3
		4308.1	1749.4	165.1	192.7	220.2	94326.5	5.99	W460X144	
44-1694	IZ®	81.8	66.7	29.7	35.5	41.3	759.6	19.83	W24X68	D3
		4395.7	1694.4	145	173.4	201.8	103729.1	6.04	W610X101	
45-1678	IZ®	82.8	66.1	32.7	38.5	44.4	750.3	19.21	W21X83	D3
		4452.2	1678.4	159.5	188.2	216.9	102456.4	5.85	W530X123	
45-1750	IZ®	82.9	68.9	35.4	41	46.6	719.6	19.7	W18X106	D3
		4459.5	1750.4	172.7	200.2	227.7	98270.3	6	W460X158	
46-1694	IZ®	86.3	66.7	31.1	36.9	42.8	812.6	19.86	W24X76	D3
		4642.2	1694.4	152	180.4	208.8	110961.2	6.05	W610X113	
47-1680	IZ®	86.8	66.2	34.4	40.3	46.2	794.9	19.24	W21X93	D3
		4664.1	1680.4	168.2	196.8	225.5	108557	5.86	W530X138	
47-1752	IZ®	87.6	69	37.6	43.2	48.9	767.6	19.73	W18X119	D3
		4710	1752.4	183.7	211.1	238.6	104816.1	6.01	W460X177	
48-1778	IZ®	88.6	70	34	39.5	45.1	812	20.52	W21X101	D3
		4762.3	1778.4	166	193	220.1	110889.5	6.25	W530X150	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
49-1695	IZ®	90.7	66.7	32.5	38.3	44.2	863.9	19.9	W24X84	D3
		4877.4	1695.4	158.8	187.2	215.6	117968.3	6.06	W610X125	
50-1749	IZ®	92.1	68.9	39.6	45.2	50.9	815.4	19.76	W18X130	D3
		4951.4	1749.4	193.4	220.9	248.4	111350.2	6.02	W460X193	
50-1779	IZ®	92.4	70.1	35.7	41.2	46.8	854.4	20.55	W21X111	D3
		4966.6	1779.4	174.3	201.3	228.4	116678.5	6.26	W530X165	
52-1696	IZ®	95.9	66.8	34.4	40.2	46	926.8	19.93	W24X94	D3
		5155.4	1696.4	168	196.4	224.7	126565.3	6.07	W610X140	
52-1924	IZ®	96	75.7	44.1	49.2	54.3	828.5	21.77	HP18x181	D3
		5162.8	1923.6	215.2	240.2	265.2	113133.1	6.63	HP360x269	
52-1751	IZ®	96.8	69	41.8	47.4	53	865.7	19.8	W18X143	D3
		5204	1751.4	203.9	231.4	258.9	118222.9	6.03	W460X213	
52-1781	IZ®	96.8	70.1	37.5	43	48.5	905.2	20.58	W21X122	D3
		5205.6	1781.4	182.9	209.9	236.9	123617.3	6.27	W530X182	
52-1719	IZ®	97.2	67.7	32.2	37.9	43.6	969.5	20.62	W27X84	D3
		5228.3	1719.4	157.1	185.1	213.1	132394.1	6.28	W690X125	
53-1790	IZ®	97.7	70.5	34.3	39.8	45.3	948.5	21.11	W24X104	D3
		5251.9	1790.4	167.5	194.4	221.3	129521.1	6.43	W610X155	
54-1782	IZ®	100.9	70.2	39.1	44.7	50.2	951.7	20.62	W21X132	D3
		5426.9	1782.4	191.1	218.2	245.2	129967.8	6.28	W530X196	
54-1695	IZ®	101	66.7	35.9	41.8	47.6	988.6	19.93	W24X103	D3
		5427.5	1695.4	175.5	203.9	232.3	135008.4	6.07	W610X153	
55-1753	IZ®	101.8	69	44.3	49.9	55.5	920.4	19.86	W18X158	D3
		5472.5	1753.4	216.2	243.7	271.2	125683.9	6.05	W460X235	
55-1927	IZ®	103	75.9	47.8	52.9	58	900.6	21.83	HP18x204	D3
		5535.1	1926.8	233.2	258.2	283.2	122987.8	6.65	HP460x304	
56-1720	IZ®	103.9	67.7	33.8	39.6	45.3	1054.1	20.68	W27X94	D3
		5588.4	1720.4	165.2	193.2	221.1	143950.2	6.3	W690X140	

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56-1791	IZ®	104.2	70.5	36.4	41.9	47.4	1026.8	21.14	W24X117	D3
		5599.6	1791.4	177.9	204.8	231.7	140213.7	6.44	W610X174	
58-1784	IZ®	107.1	70.3	41.7	47.2	52.8	1023.9	20.68	W21X147	D3
		5757.7	1784.4	203.7	230.7	257.6	139820.8	6.3	W530X219	
58-1755	IZ®	108.2	69.1	47.2	52.8	58.4	992.3	19.93	W18X175	D3
		5819	1755.4	230.3	257.7	285.2	135505.5	6.07	W460X260	
59-1730	IZ®	109.2	68.1	32.9	38.6	44.3	1151.5	21.24	W30X90	D3
		5870.9	1730.4	160.6	188.4	216.2	157249.1	6.47	W760X134	
59-1720	IZ®	109.4	67.7	35.3	41.1	46.8	1124.8	20.72	W27X102	D3
		5882.6	1720.4	172.5	200.5	228.4	153605.6	6.31	W690X152	
60-1793	IZ®	111.1	70.6	38.8	44.3	49.8	1113.5	21.21	W24X131	D3
		5972.2	1793.4	189.5	216.4	243.2	152058.1	6.46	W610X195	
62-1731	IZ®	114.6	68.2	34.5	40.2	45.9	1229	21.27	W30X99	D3
		6162.3	1731.4	168.7	196.5	224.3	167832.8	6.48	W760X147	
62-1722	IZ®	116	67.8	37.3	43.1	48.8	1213.5	20.75	W27X114	D3
		6236.8	1722.4	182.3	210.3	238.2	165713.3	6.32	W690X170	
63-1781	IZ®	117.1	70.1	45	50.6	56.1	1142.5	20.68	W21X166	D3
		6293.9	1781.4	219.9	246.9	273.9	156020.6	6.3	W530X248	
64-1794	IZ®	119.5	70.6	41.3	46.8	52.3	1217.2	21.27	W24X146	D3
		6422.3	1794.4	201.7	228.5	255.3	166217.9	6.48	W610X217	
65-1732	IZ®	121.5	68.2	36.1	41.8	47.5	1324.2	21.31	W30X108	D3
		6530.9	1732.4	176.3	204.1	231.8	180824.7	6.49	W760X161	
66-1784	IZ®	123.6	70.3	47.8	53.3	58.8	1222.7	20.75	W21X182	D3
		6643.4	1784.4	233.2	260.1	287.1	166969.5	6.32	W530X272	
68-1720	IZ®	125.9	67.7	40	45.7	51.5	1347.6	20.78	W27X129	D3
		6768.1	1720.4	195.3	223.3	251.3	184030.2	6.33	W690X192	
69-1795	IZ®	127.5	70.7	44.1	49.6	55	1321.9	21.31	W24X162	D3
		6853	1795.4	215.1	241.9	268.7	180523.3	6.49	W610X241	

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69-1733	IZ®	127.8	68.2	37.6	43.3	48.9	1413.6	21.34	W30X116	D3
		6872.9	1733.4	183.4	211.2	239	193036.9	6.5	W760X173	
71-1785	IZ®	131.8	70.3	51	56.5	62	1326	20.81	W21X201	D3
		7085.6	1785.4	248.9	275.8	302.8	181082.1	6.34	W530X300	
71-1821	IZ®	132.1	71.7	40.8	46.2	51.6	1428.8	22.06	W27X146	D3
		7100.7	1821.4	199.1	225.5	252	195108.6	6.72	W690X217	
72-1733	IZ®	133.9	68.2	38.9	44.6	50.2	1498.7	21.37	W30X124	D3
		7197.2	1733.4	189.7	217.5	245.3	204666.4	6.51	W760X185	
73-1793	IZ®	135	70.6	46.3	51.8	57.3	1419.7	21.31	W24X176	D3
		7256.7	1793.4	226.3	253.1	280	193870.7	6.49	W610X262	
75-1734	IZ®	139.2	68.3	40.3	46	51.7	1579.6	21.4	W30X132	D3
		7486.2	1734.4	196.9	224.6	252.4	215710.7	6.52	W760X196	
76-1822	IZ®	140.4	71.7	43.3	48.7	54.1	1546.8	22.09	W27X161	D3
		7550.4	1822.4	211.5	237.9	264.3	211235.9	6.73	W690X240	
76-1758	IZ®	140.5	69.2	37.3	42.9	48.5	1641.3	22.16	W33X118	D3
		7552.3	1758.4	182.1	209.5	236.9	224129	6.75	W840X176	
76-1884	IZ®	140.7	74.2	75.6	80.8	86.1	1232.3	21.14	W14X370	D3
		7567.1	1884.4	369.1	394.6	420.2	168282.9	6.44	W360X551	
77-1795	IZ®	142.3	70.7	49	54.5	60	1519.1	21.37	W24X192	D3
		7648	1795.4	239.2	266	292.8	207441.6	6.51	W610X285	
80-1887	IZ®	148.2	74.3	80	85.2	90.4	1320.5	21.21	W14X398	D3
		7969.8	1887.4	390.5	416.1	441.6	180322.3	6.46	W360X592	
80-1824	IZ®	149.2	71.8	46.1	51.5	56.9	1671.5	22.16	W27X178	D3
		8019.4	1824.4	225	251.4	277.8	228264.8	6.75	W690X265	
81-1796	IZ®	149.9	70.7	51.6	57	62.5	1623.3	21.4	W24X207	D3
		8056.9	1796.4	251.7	278.5	305.3	221678.3	6.52	W610X307	
81-1758	IZ®	150.7	69.2	39.4	45	50.6	1797.2	22.19	W33X130	D3
		8100.6	1758.4	192.4	219.8	247.2	245424.3	6.76	W840X193	

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82-1732	IZ®	151.5	68.2	43.2	48.8	54.5	1762	21.44	W30X148	D3
		8147	1732.4	210.7	238.5	266.3	240615.3	6.53	W760X220	
84-1890	IZ®	156.5	74.4	84.4	89.6	94.8	1416.3	21.31	W14X426	D3
		8413.9	1890.4	411.9	437.4	462.9	193411.5	6.49	W360X634	
86-1759	IZ®	159.9	69.3	41.3	46.9	52.5	1943.5	22.22	W33X141	D3
		8597.3	1759.4	201.7	229	256.4	265407	6.77	W840X210	
86-1822	IZ®	160	71.7	48.8	54.2	59.6	1826.3	22.16	W27X194	D3
		8601.6	1822.4	238.2	264.6	291	249391.6	6.75	W690X289	
86-1799	IZ®	160.2	70.8	55.2	60.7	66.2	1769.2	21.5	W24X229	D3
		8614	1799.4	269.6	296.4	323.1	241597.7	6.55	W610X341	
87-1847	IZ®	162.1	72.7	44.6	50	55.3	1919.6	22.91	W30X173	D3
		8713.5	1847.4	218	244	270.1	262137.2	6.98	W760X257	
88-1894	IZ®	163.9	74.6	88.9	94.1	99.3	1507.7	21.4	W14X455	D3
		8814.4	1894.4	433.9	459.3	484.7	205885.1	6.52	W360X677	
88-1770	IZ®	164.2	69.7	40	45.5	51.1	2063.4	22.75	W36X135	D3
		8829.1	1770.4	195.1	222.3	249.5	281769.1	6.93	W920X201	
91-1760	IZ®	168.6	69.3	43.2	48.8	54.4	2084.2	22.29	W33X152	D3
		9064	1760.4	210.9	238.3	265.6	284612	6.79	W840X226	
92-1801	IZ®	170.8	70.9	58.7	64.2	69.7	1919.8	21.57	W24X250	D3
		9181.5	1801.4	286.7	313.5	340.2	262159.1	6.57	W610X372	
93-1825	IZ®	172.6	71.9	52.6	58	63.4	2014.6	22.26	W27X217	D3
		9281.5	1825.4	256.7	283.1	309.5	275108.7	6.78	W690X323	
93-1848	IZ®	173.2	72.8	47.6	52.9	58.2	2092.6	22.95	W30X191	D3
		9312.2	1848.4	232.3	258.4	284.4	285768.4	6.99	W760X284	
95-1898	IZ®	177.2	74.7	95.9	101.1	106.3	1673.8	21.5	W14X500	D3
		9529.5	1898.4	468.1	493.4	518.8	228572.7	6.55	W360X744	
96-1770	IZ®	178.7	69.7	42.6	48.2	53.7	2305	22.81	W36X150	D3
		9607.4	1770.4	208	235.1	262.3	314774.5	6.95	W920X223	

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98-1826	IZ®	181.9	71.9	55.6	61	66.4	2157.3	22.29	W27X235	D3
		9779.8	1826.4	271.6	298	324.4	294600.6	6.79	W690X350	
98-1758	IZ®	182.3	69.2	46	51.6	57.2	2307.1	22.29	W33X169	D3
		9800.4	1758.4	224.6	251.9	279.3	315060.8	6.79	W840X251	
99-1804	IZ®	184.1	71	63.5	69	74.5	2116.9	21.63	W24X279	D3
		9900.2	1804.4	310.2	336.9	363.6	289086.9	6.59	W610X415	
100-1850	IZ®	185.3	72.9	50.8	56.2	61.5	2286	23.01	W30X211	D3
		9962.3	1850.4	248.2	274.2	300.2	312174.6	7.01	W760X314	
100-1771	IZ®	186.8	69.7	44.3	49.9	55.4	2445.8	22.85	W36X160	D3
		10040.4	1771.4	216.3	243.4	270.6	333997.4	6.96	W920X238	
102-1766	IZ®	188.8	69.5	42.5	48.1	53.7	2536.6	23.14	W40X149	D3
		10149.4	1766.4	207.5	234.8	262	346397.7	7.05	W1000X222	
103-1903	IZ®	192.2	74.9	103.4	108.6	113.8	1866.6	21.67	W14X550	D3
		10330.9	1903.4	504.8	530.1	555.4	254905.9	6.6	W360X818	
105-1828	IZ®	194.4	72	59.3	64.7	70.1	2349.8	22.36	W27X258	D3
		10449.9	1828.4	289.4	315.7	342	320884.3	6.81	W690X384	
105-1772	IZ®	194.9	69.8	46	51.6	57.1	2590.2	22.88	W36X170	D3
		10480.9	1772.4	224.5	251.7	278.9	353716.9	6.97	W920X253	
106-1866	IZ®	197.2	73.5	48.8	54	59.3	2563.3	23.67	W33X201	D3
		10600.5	1866.4	238.1	263.9	289.6	350046.5	7.21	W840X299	
106-1806	IZ®	197.3	71.1	67.9	73.4	78.8	2314.9	21.7	W24X306	D3
		10607.1	1806.4	331.6	358.2	384.9	316113.3	6.61	W610X455	
108-1848	IZ®	201.3	72.8	54.8	60.1	65.5	2543.5	23.04	W30X235	D3
		10825.1	1848.4	267.6	293.6	319.6	347343.2	7.02	W760X350	
110-1773	IZ®	203.6	69.8	48.1	53.6	59.2	2748.8	22.91	W36X182	D3
		10947.5	1773.4	234.6	261.8	288.9	375379.8	6.98	W920X271	
111-1830	IZ®	207	72.1	63.2	68.5	73.9	2550.5	22.42	W27X281	D3
		11129.8	1830.4	308.4	334.7	361	348288	6.83	W690X419	

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112-1766	IZ®	208.5	69.5	45.6	51.2	56.8	2887.2	23.21	W40X167	D3
		11208.2	1766.4	222.6	249.9	277.2	394278.6	7.07	W1000X249	
113-1908	IZ®	209.2	75.1	112.4	117.6	122.7	2094.7	21.8	W14X605	D3
		11248.2	1908.4	548.7	574	599.2	286050.9	6.64	W360X900	
113-1867	IZ®	210.9	73.5	52	57.3	62.6	2800.7	23.73	W33X221	D3
		11336.2	1867.4	253.9	279.7	305.5	382465.7	7.23	W840X329	
114-1809	IZ®	211.1	71.2	72.8	78.2	83.7	2528.1	21.8	W24X335	D3
		11347.7	1809.4	355.3	381.9	408.5	345228.9	6.64	W610X498	
114-1774	IZ®	211.9	69.9	50	55.6	61.1	2902.2	22.95	W36X194	D3
		11392.1	1774.4	244.2	271.3	298.5	396317.6	6.99	W920X289	
116-1851	IZ®	215.9	72.9	59.1	64.4	69.7	2790	23.11	W30X261	D3
		11609.6	1851.4	288.3	314.3	340.3	380998.2	7.04	W760X389	
118-1833	IZ®	220	72.2	67.3	72.6	78	2761.7	22.49	W27X307	D3
		11829.8	1833.4	328.4	354.7	380.9	377134.7	6.85	W690X457	
120-1775	IZ®	222.9	69.9	52.8	58.4	63.9	3110.8	22.98	W36X210	D3
		11985.6	1775.4	257.8	284.9	312	424803.9	7	W920X313	
121-1869	IZ®	224.1	73.6	55.2	60.5	65.8	3034.2	23.8	W33X241	D3
		12049	1869.4	269.6	295.3	321.1	414350.8	7.25	W840X359	
122-1766	IZ®	227	69.5	48.3	53.9	59.5	3225.8	23.27	W40X183	D3
		12206.6	1766.4	236	263.2	290.5	440508.7	7.09	W1000X272	
122-1914	IZ®	227.5	75.4	121.3	126.4	131.6	2353.6	21.96	W14X665	D3
		12229.7	1914.4	592.1	617.3	642.4	321410.2	6.69	W360X990	
122-1813	IZ®	227.6	71.4	78.6	84	89.4	2791.1	21.9	W24X370	D3
		12236.1	1813.4	383.5	410.1	436.6	381144.8	6.67	W610X551	
124-1884	IZ®	230.2	74.2	52.9	58.1	63.4	3208.8	24.29	W36X230	D3
		12375.6	1884.4	258.3	283.8	309.4	438184.7	7.4	W920X342	
124-1866	IZ®	231.3	73.5	48.3	53.6	58.9	3318.4	24.52	W40X199	D3
		12432.9	1866.4	236	261.7	287.5	453155.1	7.47	W1000X296	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
126-1853	IZ®	234.7	73	64	69.3	74.7	3108.4	23.18	W30X292	D3
		12617.9	1853.4	312.6	338.6	364.5	424482.9	7.06	W760X434	
127-1836	IZ®	235.6	72.3	72	77.3	82.7	3019.7	22.59	W27X336	D3
		12665.9	1836.4	351.4	377.6	403.8	412369.9	6.88	W690X500	
130-1885	IZ®	241	74.2	55.3	60.6	65.8	3407.2	24.32	W36X245	D3
		12955.4	1885.4	270.2	295.8	321.3	465288.1	7.41	W920X365	
130-1867	IZ®	241	73.5	58.9	64.2	69.5	3334.6	23.8	W33X263	D3
		12957.2	1867.4	287.5	313.3	339.1	455367.6	7.25	W840X392	
130-1774	IZ®	242	69.9	56.5	62	67.6	3465	23.01	W36X232	D3
		13008.4	1774.4	275.6	302.7	329.9	473177.5	7.01	W920X345	
134-1766	IZ®	248.3	69.5	53.2	58.7	64.3	3654.4	23.31	W40X211	D3
		13348.5	1766.4	259.5	286.8	314	499043.3	7.1	W1000X314	
134-1920	IZ®	248.7	75.6	130.9	136.1	141.2	2658.5	22.13	W14X730	D3
		13370.1	1920.4	639.3	664.4	689.5	363036.8	6.74	W360X1086	
134-1866	IZ®	249.2	73.5	51.1	56.4	61.7	3654	24.59	W40X215	D3
		13395.7	1866.4	249.4	275.2	301	498982.9	7.49	W1000X321	
135-1886	IZ®	251.5	74.3	57.7	62.9	68.2	3606.5	24.36	W36X260	D3
		13523.4	1886.4	281.7	307.2	332.8	492505.6	7.42	W920X387	
136-1838	IZ®	252.1	72.4	77.2	82.6	88	3299.6	22.65	W27X368	D3
		13552.2	1838.4	377	403.2	429.4	450584.9	6.9	W690X548	
136-1856	IZ®	253.6	73.1	69.5	74.8	80.1	3441.1	23.27	W30X326	D3
		13633.4	1856.4	339.1	365.1	391	469914	7.09	W760X484	
139-1870	IZ®	258.5	73.6	63.4	68.6	73.9	3658.4	23.9	W33X291	D3
		13899.1	1870.4	309.3	335.1	360.8	499592.3	7.28	W840X433	
139-1776	IZ®	258.6	69.9	60.6	66.2	71.7	3794	23.08	W36X256	D3
		13903.1	1776.4	296.1	323.2	350.3	518107.2	7.03	W920X381	
143-1937	IZ®	265.7	76.3	142.2	147.3	152.4	2900	22.29	W14X808	D3
		14286	1937.4	694.5	719.3	744.2	396015.8	6.79	W360X1202	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
143-1768	IZ®	266.1	69.6	57.2	62.8	68.3	4021.4	23.37	W40X235	D3
		14306.5	1768.4	279.2	306.4	333.7	549154.5	7.12	W1000X350	
143-1888	IZ®	266.2	74.3	61	66.2	71.4	3888.2	24.42	W36X280	D3
		14314.1	1888.4	297.6	323.1	348.6	530963.2	7.44	W920X417	
146-1859	IZ®	271.7	73.2	74.4	79.8	85.1	3768	23.37	W30X357	D3
		14609.8	1859.4	363.5	389.4	415.3	514547.6	7.12	W760X531	
148-1866	IZ®	274.4	73.5	56.6	61.9	67.2	4166.9	24.62	W40X249	D3
		14754	1866.4	276.3	302.1	327.9	569020.6	7.5	W1000X371	
148-1872	IZ®	275.8	73.7	67.7	72.9	78.2	3982.3	23.96	W33X318	D3
		14825.6	1872.4	330.4	356.1	381.8	543812.5	7.3	W840X473	
150-1889	IZ®	279.4	74.4	64.2	69.4	74.6	4143.7	24.46	W36X300	D3
		15023.8	1889.4	313.3	338.7	364.2	565853.9	7.45	W920X446	
153-1769	IZ®	284.4	69.7	62.2	67.7	73.3	4418.7	23.44	W40X264	D3
		15292.3	1769.4	303.5	330.7	357.9	603409.7	7.14	W1000X393	
153-1866	IZ®	284.7	73.5	53.5	58.8	64.1	4556.7	25.21	W44X230	D3
		15307.9	1866.4	261.2	287	312.8	622251	7.68	W1100X343	
156-1862	IZ®	290.7	73.3	80	85.3	90.6	4118.4	23.44	W30X391	D3
		15629.4	1862.4	390.7	416.6	442.4	562408	7.14	W760X582	
158-1770	IZ®	293.7	69.7	64.7	70.2	75.8	4621.4	23.44	W40X278	D3
		15789.6	1770.4	315.7	342.9	370.1	631089.8	7.14	W1000X415	
158-1868	IZ®	294.5	73.6	61	66.3	71.6	4583.9	24.69	W40X277	D3
		15831	1868.4	297.9	323.6	349.4	625970.2	7.52	W1000X412	
160-1875	IZ®	297.6	73.8	73.4	78.6	83.9	4403.9	24.03	W33X354	D3
		16001	1875.4	358.3	384	409.6	601392.1	7.32	W840X527	
161-1888	IZ®	298.6	74.3	68.6	73.8	79.1	4523.4	24.49	W36X328	D3
		16055.2	1888.4	335	360.5	386	617716.3	7.46	W920X488	
164-1868	IZ®	305.4	73.6	64.4	69.6	74.9	4829.1	24.69	W40X297	D3
		16420.9	1868.4	314.3	340	365.8	659454.7	7.52	W1000X443	

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169-1866	IZ®	313.3	73.5	58.8	64	69.3	5183.3	25.28	W44X262	D3
		16846.4	1866.4	286.8	312.6	338.4	707832.1	7.7	W1100X390	
171-1877	IZ®	317.6	73.9	78.7	84	89.2	4801.9	24.13	W33X387	D3
		17076.3	1877.4	384.3	409.9	435.6	655745.8	7.35	W840X576	
171-1891	IZ®	317.8	74.5	73.4	78.7	83.9	4911.7	24.55	W36X359	D3
		17083.3	1891.4	358.6	384	409.5	670738.9	7.48	W920X534	
175-1870	IZ®	326.1	73.6	68.7	74	79.2	5265.3	24.78	W40X324	D3
		17533	1870.4	335.3	361.1	386.8	719027.4	7.55	W1000X483	
177-1774	IZ®	328.7	69.9	72.8	78.3	83.9	5383.5	23.57	W40X327	D3
		17672.2	1774.4	355.2	382.4	409.5	735159	7.18	W1000X486	
178-1775	IZ®	330.4	69.9	73.6	79.2	84.7	5426	23.6	W40X331	D3
		17765.2	1775.4	359.5	386.6	413.7	740962.7	7.19	W1000X494	
181-1868	IZ®	335.9	73.6	63.4	68.7	74	5701.7	25.34	W44X290	D3
		18060.9	1868.4	309.6	335.4	361.2	778620.5	7.72	W1100X433	
183-1893	IZ®	339.7	74.5	79	84.2	89.4	5369	24.65	W36X393	D3
		18265.7	1893.4	385.6	411	436.4	733180.4	7.51	W920X585	
183-1853	IZ®	340.7	73	104.4	109.8	115.1	4916	23.11	W27X539	D3
		18319.4	1853.4	509.9	535.9	561.9	671326.8	7.04	W690X802	
189-1873	IZ®	350.9	73.8	74.8	80	85.3	5814.2	24.85	W40X362	D3
		18865.6	1873.4	365	390.7	416.4	793985.3	7.57	W1000X539	
192-1874	IZ®	356.4	73.8	76.3	81.6	86.9	5939.5	24.88	W40X372	D3
		19159.4	1874.4	372.7	398.4	424.1	811092.7	7.58	W1000X554	
196-1871	IZ®	364.5	73.7	70.3	75.5	80.8	6388.5	25.41	W44X335	D3
		19598.8	1871.4	343.1	368.9	394.6	872400.3	7.74	W1100X499	
198-1897	IZ®	369	74.7	86.1	91.3	96.5	5981.6	24.75	W36X439	D3
		19836.5	1897.4	420.3	445.7	471.1	816842.1	7.54	W920X653	
201-1780	IZ®	374	70.1	83.8	89.3	94.9	6410.2	23.77	W40X392	D3
		20107.9	1780.4	409.2	436.2	463.2	875375.5	7.24	W1000X584	

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202-1875	IZ [®]	375.5	73.8	80.3	85.6	90.8	6361.4	24.91	W40X397	D3
		20186.3	1875.4	392.2	417.9	443.5	868699	7.59	W1000X591	
214-1878	IZ [®]	397.3	74	85.8	91	96.3	6858.3	25.01	W40X431	D3
		21359.4	1878.4	418.7	444.4	470	936562.6	7.62	W1000X642	
229-1903	IZ [®]	425	74.9	99.8	105	110.2	7204.1	24.95	W36X527	D3
		22850.6	1903.4	487.5	512.8	538.1	983786.6	7.6	W920X784	
240-1883	IZ [®]	447.1	74.1	97.2	102.5	107.7	8016.8	25.18	W40X503	D3
		24037.6	1883.4	474.7	500.3	525.9	1094771.5	7.67	W1000X748	
270-1912	IZ [®]	502.3	75.3	118.9	124	129.2	8971.8	25.21	W36X650	D3
		27006.6	1912.4	580.4	605.6	630.8	1225184.7	7.68	W920X967	
274-1890	IZ [®]	509.9	74.4	111.8	117	122.2	9526	25.37	W40X593	D3
		27412	1890.4	545.6	571.1	596.6	1300857.9	7.73	W1000X883	
321-1923	IZ [®]	597.7	75.7	141.6	146.7	151.9	11268.8	25.54	W36X798	D3
		32133.6	1923.4	691.4	716.4	741.4	1538855.4	7.78	W920X1188	

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Specifications

When using steel sheet pile, it is necessary to make allowances for deviations from theoretical exactness. The degree of precision obtainable in the production of sheet pile is limited by the basic character of the rolling processes and normal limitations of mill equipment. Care must be taken during installation to assure that each element is being set at the desired driving dimension.

- Dimensions typically shown are nominal.
- Actual thicknesses vary due to mill rolling practices; however, permitted variations for such dimensions are not addressed.
- Interlocks should be reasonably free-sliding when threaded.
- Terms, tolerance, dimensions, and delivery conditions are in accordance with EN 10248 and/or ASTM A6.

	AMERICAN ASTM A 6		EUROPEAN EN 10248
Mass	5%	-2.5%	± 5%
Length	+ 5in.	-0 in.	± 200mm
Height			± 7mm
Thickness			± 0.5mm for ≤ 8.5mm ± 6% for > 8.5mm
Width Interlocked			± 3%
Straightness			0.2% of the length
Ends ou of Square			2% of the width

Available Steel Grades

AMERICAN			CANADIAN			EUROPEAN		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH		EN 10248	YIELD STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)		(ksi)	(MPa)
A 328	39	270	Grade 260 W	38	260	S 240 GP	35	240
A 572 Grade 42	42	290	Grade 300 W	44	300	S 270 GP	39	270
A 572 Grade 50	50	345	Grade 355 W	50	350	S 320 GP	46	320
A 572 Grade 55	55	380	Grade 400 W	58	400	S 355 GP	51	355
A 572 Grade 60	60	415				S 390 GP	57	390
A 572 Grade 65*	65	450				S 430 GP	62	430
A 588 Grade 50	50	345				S 450 GP*	65	450
API 5L x70	70	485						
ASTM A 690 MARINER®	50	345						

ENGINEERING DISCLAIMER

This publication contains information on the properties of hot-rolled sheet pile based on accepted engineering practices related to sheet pile products and projects. The use of the data contained herein must be supplemented with qualified professional judgment.

LEGAL DISCLAIMER

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