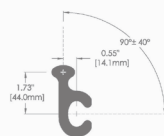


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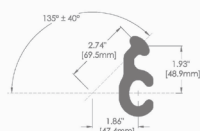
PilePro® Sheet Pile Connectors



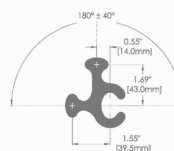
PZ 90



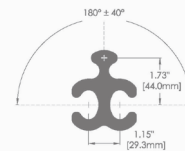
Colt



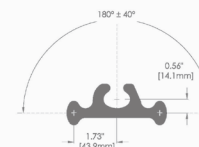
Cobra



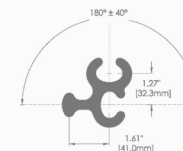
PZ Tee



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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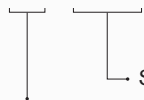


Configuration E



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)	
27-2007	IZ®	50.2	79	24.8	28.6	32.3	291.3	20.35	HP14x89	E1
		2700.8	2007.2	121.1	139.5	157.9	39779.9	6.2	HP360x132	
27-1889	IZ®	50.6	74.4	24	28	32	292.8	18.88	W14X74	E1
		2719.5	1888.6	117.3	136.9	156.5	39982	5.75	W360X110	
28-1942	IZ®	51.1	76.4	26.8	30.7	34.6	286.1	19.3	W12X96	E1
		2747.7	1941.6	130.7	149.7	168.8	39071.3	5.88	W310X143	
28-1787	IZ®	51.2	70.3	20.6	24.8	29	312.4	18.22	W18X46	E1
		2753.5	1786.6	100.4	121.1	141.8	42658.6	5.55	W460X68	
28-1814	IZ®	51.2	71.4	22.1	26.3	30.4	308.3	18.29	W16X57	E1
		2754.6	1813.6	107.9	128.3	148.7	42094.9	5.57	W410X85	
28-1823	IZ®	52.4	71.8	20.8	25	29.1	322.1	18.68	W18X50	E1
		2814.6	1822.6	101.6	121.9	142.2	43988.5	5.69	W460X74	
28-1890	IZ®	52.5	74.4	25.2	29.2	33.2	307.7	18.91	W14X82	E1
		2824.1	1889.6	123.1	142.6	162.2	42023.1	5.76	W360X122	
28-2002	IZ®	52.6	78.8	25.1	28.9	32.6	307.7	20.35	W14X90	E1
		2827.5	2001.6	122.5	140.9	159.4	42020	6.2	W360X134	
29-2007	IZ®	53.3	79	26.9	30.6	34.4	315.1	20.35	HP14x102	E1
		2866.8	2007.2	131.2	149.6	168	43033.7	6.2	HP360x152	
29-1943	IZ®	53.3	76.5	28.3	32.2	36.1	302.3	19.34	W12X106	E1
		2867.2	1942.6	138.3	157.3	176.4	41275.3	5.89	W310X158	
29-2031	IZ®	53.5	80	24.4	28.1	31.8	326.5	20.91	HP16x88	E1
		2874.9	2031.1	118.9	137.1	155.3	44587.1	6.37	HP410x131	
29-1893	IZ®	54.1	74.5	23	27	31	331.7	19.3	W16X67	E1
		2909.6	1892.6	112.1	131.6	151.2	45293.4	5.88	W410X100	
29-1824	IZ®	54.4	71.8	21.7	25.9	30	340.2	18.68	W18X55	E1
		2922.7	1823.6	106	126.3	146.6	46458.3	5.69	W460X82	
30-2003	IZ®	54.9	78.8	26.4	30.2	34	325.7	20.39	W14X99	E1
		2951.6	2002.6	129.1	147.5	166	44474.4	6.21	W360X147	

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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)	
30-1798	IZ®	54.9	70.8	20.1	24.3	28.5	351.8	18.78	W21X44	E1
		2951.8	1797.6	98.2	118.8	139.4	48036.3	5.72	W530X66	
30-1840	IZ®	56.3	72.4	20.3	24.4	28.5	365.4	19.34	W21X48	E1
		3026.1	1839.6	99.2	119.3	139.4	49897	5.89	W530X72	
30-1946	IZ®	56.3	76.6	30.5	34.4	38.3	325	19.4	W12X120	E1
		3027.7	1945.6	149	168	187	44377.4	5.91	W310X179	
30-1825	IZ®	56.4	71.8	22.5	26.6	30.8	358	18.71	W18X60	E1
		3031.4	1824.6	109.8	130.1	150.3	48888.8	5.7	W460X89	
31-2010	IZ®	56.8	79.2	29	32.8	36.6	342.1	20.42	HP14x117	E1
		3055.1	2010.4	141.8	160.2	178.6	46723.5	6.22	HP360x174	
31-2033	IZ®	57.3	80	26.4	30.2	33.9	357.2	20.98	HP16x101	E1
		3078.3	2032.6	129.1	147.2	165.4	48782.2	6.39	HP410x151	
31-1894	IZ®	57.4	74.6	24.6	28.6	32.6	359.6	19.34	W16X77	E1
		3084.2	1893.6	119.9	139.4	159	49101	5.89	W410X114	
31-2004	IZ®	57.6	78.9	27.9	31.7	35.5	346.7	20.42	W14X109	E1
		3096.9	2003.6	136.4	154.9	173.3	47343.5	6.22	W360X162	
31-1799	IZ®	58.1	70.8	21.1	25.3	29.5	381.5	18.81	W21X50	E1
		3125.1	1798.6	103.1	123.6	144.2	52093.6	5.73	W530X74	
31-1826	IZ®	58.3	71.9	23.3	27.4	31.6	375.4	18.75	W18X65	E1
		3134.5	1825.6	113.6	133.9	154.1	51265.1	5.71	W460X97	
32-1948	IZ®	59.9	76.7	33	36.8	40.7	353.7	19.47	W12X136	E1
		3222.4	1947.6	160.9	179.9	198.9	48294.6	5.93	W310X202	
32-1842	IZ®	60.3	72.5	21.5	25.6	29.7	402.1	19.37	W21X55	E1
		3241	1841.6	105	125	145.1	54916.1	5.9	W530X82	
32-2006	IZ®	60.4	79	29.6	33.4	37.2	368.7	20.45	W14X120	E1
		3244.7	2005.6	144.5	163	181.4	50351.9	6.23	W360X179	
33-1827	IZ®	60.4	71.9	24.3	28.5	32.6	395.4	18.78	W18X71	E1
		3245.8	1826.6	118.7	139	159.2	53993.1	5.72	W460X106	

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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)	
33-1896	IZ®	61.3	74.6	26.5	30.5	34.5	393.5	19.4	W16X89	E1
		3293.8	1895.6	129.3	148.8	168.3	53731.6	5.91	W410X132	
33-1913	IZ®	61.3	75.3	24	27.9	31.9	402.6	19.86	W18X76	E1
		3296	1912.6	117.1	136.4	155.7	54985.4	6.05	W460X113	
34-1799	IZ®	62.2	70.8	22.3	26.5	30.7	419.8	18.85	W21X57	E1
		3345.6	1798.6	108.8	129.3	149.9	57331.9	5.74	W530X85	
34-2036	IZ®	62.8	80.2	29.4	33.1	36.8	404.5	21.04	HP16x121	E1
		3373.7	2035.8	143.5	161.7	179.8	55242.9	6.41	HP410x181	
34-2007	IZ®	63.5	79	31.4	35.1	38.9	393.6	20.49	W14X132	E1
		3411.9	2006.6	153.1	171.5	189.9	53742.7	6.24	W360X196	
34-1950	IZ®	63.8	76.8	35.5	39.4	43.3	384.6	19.53	W12X152	E1
		3432.1	1949.6	173.2	192.2	211.2	52519.1	5.95	W310X226	
35-1842	IZ®	64.3	72.5	22.6	26.7	30.9	439.8	19.4	W21X62	E1
		3456.3	1841.6	110.5	130.6	150.7	60054	5.91	W530X92	
35-1898	IZ®	65	74.7	28.2	32.2	36.2	427.2	19.44	W16X100	E1
		3495	1897.6	137.9	157.3	176.8	58331.9	5.92	W410X149	
35-1915	IZ®	65.1	75.4	25.6	29.5	33.5	437.7	19.93	W18X86	E1
		3500.6	1914.6	124.8	144.1	163.4	59765.6	6.07	W460X128	
36-2027	IZ®	66.5	79.8	33	36.8	40.5	418.3	20.75	W14X145	E1
		3576.3	2026.6	161.2	179.5	197.7	57120	6.32	W360X216	
36-1811	IZ®	67.2	71.3	21.9	26	30.2	477.2	19.44	W24X55	E1
		3612.8	1810.6	106.8	127.2	147.6	65170.7	5.92	W610X82	
36-1843	IZ®	67.4	72.5	23.6	27.7	31.8	470.1	19.44	W21X68	E1
		3621.3	1842.6	115.1	135.2	155.3	64192.2	5.92	W530X101	
37-2039	IZ®	68	80.3	32.4	36.1	39.8	448.9	21.08	HP16x141	E1
		3656.5	2039	158	176.1	194.2	61299.8	6.42	HP410x211	
37-1952	IZ®	68.1	76.8	38.2	42.1	46	420.1	19.6	W12X170	E1
		3663.2	1951.6	186.7	205.7	224.6	57369.6	5.97	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)	
37-1916	IZ®	69.3	75.4	27.3	31.3	35.2	477.3	19.96	W18X97	E1
		3725.5	1915.6	133.3	152.6	171.9	65185	6.08	W460X144	
38-1844	IZ®	69.7	72.6	24.4	28.5	32.7	493.9	19.47	W21X73	E1
		3745.4	1843.6	119.3	139.4	159.4	67443.3	5.93	W530X109	
38-2028	IZ®	70.1	79.8	35.1	38.9	42.6	448.8	20.78	W14X159	E1
		3771	2027.6	171.6	189.8	208.1	61286.3	6.33	W360X237	
38-1812	IZ®	71.4	71.3	23	27.2	31.4	521.1	19.47	W24X62	E1
		3837.6	1811.6	112.3	132.8	153.2	71163.2	5.93	W610X92	
39-2083	IZ®	71.9	82	30.8	34.4	38	501.6	21.93	HP18x135	E1
		3868.3	2083.4	150.2	168	185.7	68497.5	6.68	HP360x202	
39-1917	IZ®	72.3	75.5	28.7	32.7	36.6	507.6	19.99	W18X106	E1
		3888.4	1916.6	140.2	159.5	178.8	69316.9	6.09	W460X158	
39-1955	IZ®	72.9	77	41.2	45.1	49	460.8	19.67	W12X190	E1
		3916.8	1954.6	201.3	220.2	239.1	62928.5	5.99	W310X283	
40-2042	IZ®	73.8	80.4	35.4	39.1	42.8	500.4	21.17	HP16x162	E1
		3965.4	2042.2	172.6	190.7	208.8	68332.8	6.45	HP410x242	
40-1845	IZ®	74.1	72.6	26	30.1	34.2	539.9	19.5	W21X83	E1
		3981.3	1844.6	126.9	147	167	73722.1	5.94	W530X123	
40-2031	IZ®	74.4	79.9	37.6	41.4	45.1	486.9	20.85	W14X176	E1
		4002.6	2030.6	183.7	201.9	220.1	66490.4	6.35	W360X262	
40-1861	IZ®	74.8	73.3	23.4	27.4	31.5	556.3	20.12	W24X68	E1
		4021	1860.6	114	133.9	153.8	75973.5	6.13	W610X101	
42-1919	IZ®	77.3	75.5	30.8	34.7	38.7	557.1	20.03	W18X119	E1
		4158.2	1918.6	150.3	169.5	188.8	76083.1	6.1	W460X177	
42-1958	IZ®	77.6	77.1	44.4	48.2	52.1	503.3	19.76	W12X210	E1
		4169.5	1957.6	216.6	235.5	254.4	68727.3	6.02	W310X313	
42-2087	IZ®	78.2	82.2	33.9	37.5	41.1	559.8	21.99	HP18x157	E1
		4202.1	2086.6	165.3	183	200.7	76448.1	6.7	HP360x234	

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				60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	in ⁴ /ft (cm ⁴ /m)	ft ² /ft (m ² /m)	in (mm)	
42-1847	IZ [®]	78.4	72.7	27.6	31.7	35.8	586.9	19.53	W21X93	E1
		4212.4	1846.6	134.9	154.9	174.9	80141.5	5.95	W530X138	
43-2052	IZ [®]	79.1	80.8	38.4	42.1	45.8	549.6	21.31	HP16x183	E1
		4252.2	2051.7	187.6	205.6	223.6	75054.8	6.49	HP410x272	
43-2032	IZ [®]	79.2	80	40.1	43.9	47.6	528.5	20.91	W14X193	E1
		4260.5	2031.6	196	214.2	232.4	72172.1	6.37	W360X287	
43-1861	IZ [®]	79.9	73.3	24.7	28.7	32.8	611.1	20.16	W24X76	E1
		4294	1860.6	120.4	140.2	160.1	83449.1	6.14	W610X113	
44-1945	IZ [®]	81.2	76.6	27.6	31.4	35.3	613.7	20.81	W21X101	E1
		4363.3	1944.6	134.5	153.5	172.6	83800.1	6.34	W530X150	
44-1916	IZ [®]	82.2	75.4	32.6	36.5	40.5	606	20.06	W18X130	E1
		4418.5	1915.6	159.1	178.4	197.7	82754.1	6.11	W460X193	
45-1961	IZ [®]	82.8	77.2	47.4	51.3	55.1	549.7	19.83	W12X230	E1
		4450	1960.6	231.5	250.4	269.2	75065	6.04	W310X342	
45-2034	IZ [®]	84	80.1	42.8	46.5	50.2	571.4	20.94	W14X211	E1
		4517.5	2033.6	208.9	227.1	245.3	78034.1	6.38	W360X314	
46-1862	IZ [®]	84.6	73.3	25.9	30	34.1	663.9	20.19	W24X84	E1
		4548.6	1861.6	126.6	146.5	166.3	90661.5	6.15	W610X125	
46-1946	IZ [®]	85.1	76.6	29.1	33	36.9	657.1	20.85	W21X111	E1
		4575	1945.6	142.1	161.1	180.1	89735.7	6.35	W530X165	
46-2090	IZ [®]	85.5	82.3	37.3	40.9	44.5	630.4	22.06	HP18x181	E1
		4599	2089.8	182	199.7	217.4	86091.4	6.72	HP360x269	
47-1918	IZ [®]	87.2	75.5	34.6	38.5	42.5	657.5	20.09	W18X143	E1
		4685.9	1917.6	168.8	188	207.3	89783.9	6.12	W460X213	
47-1963	IZ [®]	87.8	77.3	50.7	54.6	58.4	598.1	19.9	W12X252	E1
		4721.7	1962.6	247.7	266.5	285.4	81678.1	6.06	W310X375	
48-2037	IZ [®]	89.7	80.2	46	49.8	53.5	625.2	21.04	W14X233	E1
		4823.5	2036.6	224.8	243	261.1	85379.8	6.41	W360X347	

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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)	
48-1948	IZ®	89.7	76.7	30.7	34.6	38.5	709	20.88	W21X122	E1
		4824.9	1947.6	150	169	188	96825.5	6.36	W530X182	
48-1863	IZ®	90.1	73.3	27.6	31.7	35.8	728.7	20.22	W24X94	E1
		4841.5	1862.6	135	154.8	174.7	99515.2	6.16	W610X140	
50-1920	IZ®	92.3	75.6	36.9	40.8	44.8	713.2	20.16	W18X158	E1
		4963.8	1919.6	180	199.3	218.6	97395.6	6.14	W460X235	
50-1957	IZ®	92.5	77	27.9	31.7	35.6	760.2	21.4	W24X104	E1
		4974.6	1956.6	136.1	155	173.9	103814.2	6.52	W610X155	
50-2093	IZ®	92.7	82.4	40.7	44.3	47.9	703.5	22.13	HP18x204	E1
		4981.5	2093	198.7	216.3	234	96070	6.74	HP460x304	
50-1886	IZ®	93	74.2	25.7	29.7	33.7	779.3	20.91	W27X84	E1
		4997.7	1885.6	125.4	145	164.6	106419	6.37	W690X125	
51-1949	IZ®	93.9	76.7	32.3	36.2	40.1	755.9	20.91	W21X132	E1
		5050.6	1948.6	157.6	176.6	195.6	103223.5	6.37	W530X196	
51-1967	IZ®	94.8	77.4	54.7	58.6	62.4	666.3	19.99	W12X279	E1
		5094.1	1966.6	267.1	285.9	304.7	90984.5	6.09	W310X415	
51-1862	IZ®	95.4	73.3	29	33.1	37.2	791.3	20.22	W24X103	E1
		5127.7	1861.6	141.8	161.7	181.5	108057.2	6.16	W610X153	
52-2039	IZ®	96.1	80.3	49.6	53.3	57.1	687.2	21.11	W14X257	E1
		5164	2038.6	242.3	260.4	278.6	93843.1	6.43	W360X382	
53-1922	IZ®	99	75.7	39.5	43.5	47.4	785.9	20.22	W18X175	E1
		5323	1921.6	192.9	212.2	231.4	107321.4	6.16	W460X260	
53-1958	IZ®	99.1	77.1	29.8	33.7	37.6	839	21.44	W24X117	E1
		5329.3	1957.6	145.7	164.6	183.4	114568.7	6.53	W610X174	
54-1887	IZ®	99.9	74.3	27.2	31.2	35.2	864.4	20.98	W27X94	E1
		5372.4	1886.6	132.8	152.4	172	118041.2	6.39	W690X140	
54-1951	IZ®	100.2	76.8	34.6	38.5	42.4	828.7	20.98	W21X147	E1
		5386.3	1950.6	169.1	188.1	207	113166.8	6.39	W530X219	

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55-1969	IZ®	101.9	77.5	58.7	62.6	66.4	739.2	20.09	W12X305	E1
		5478	1968.6	286.8	305.6	324.4	100948.1	6.12	W310X454	
56-2042	IZ®	103.5	80.4	53.4	57.1	60.8	759.9	21.17	W14X283	E1
		5563.2	2041.6	260.8	278.9	297	103765.6	6.45	W360X421	
57-1887	IZ®	105.5	74.3	28.6	32.6	36.6	935.1	21.01	W27X102	E1
		5671.1	1886.6	139.5	159.1	178.7	127699.3	6.4	W690X152	
57-1960	IZ®	106.1	77.1	32	35.9	39.7	926	21.5	W24X131	E1
		5703.9	1959.6	156.3	175.2	194.1	126458.9	6.55	W610X195	
57-1897	IZ®	106.3	74.7	26.4	30.4	34.4	967.4	21.54	W30X90	E1
		5715.1	1896.6	128.8	148.3	167.8	132100.8	6.56	W760X134	
59-1973	IZ®	109.9	77.7	63.4	67.3	71.1	823.2	20.19	W12X336	E1
		5909.2	1972.6	309.7	328.5	347.2	112410.1	6.15	W310X500	
59-1948	IZ®	110.4	76.7	37.7	41.6	45.4	946.3	20.98	W21X166	E1
		5933	1947.6	183.9	202.9	221.9	129231.6	6.39	W530X248	
60-2045	IZ®	110.8	80.5	57.5	61.2	64.9	836.9	21.27	W14X311	E1
		5959.5	2044.6	280.8	298.8	316.9	114281	6.48	W360X463	
60-1898	IZ®	111.6	74.7	27.9	31.9	35.9	1045.4	21.57	W30X99	E1
		6000	1897.6	136.2	155.7	175.2	142753.2	6.57	W760X147	
60-1889	IZ®	112	74.4	30.4	34.4	38.4	1024	21.04	W27X114	E1
		6023.3	1888.6	148.5	168.1	187.6	139839.1	6.41	W690X170	
62-1961	IZ®	114.5	77.2	34.3	38.2	42	1028.4	21.57	W24X146	E1
		6153.8	1960.6	167.5	186.3	205.2	140433.5	6.57	W610X217	
63-1951	IZ®	116.8	76.8	40.2	44	47.9	1026.3	21.04	W21X182	E1
		6278.8	1950.6	196.1	215	234	140150.9	6.41	W530X272	
64-1899	IZ®	118.4	74.7	29.3	33.3	37.3	1139.3	21.6	W30X108	E1
		6365.2	1898.6	143.2	162.6	182.1	155588.1	6.58	W760X161	
64-2049	IZ®	119.4	80.7	62	65.7	69.4	928.6	21.37	W14X342	E1
		6420.4	2048.6	302.8	320.9	338.9	126813.7	6.51	W360X509	

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66-1887	IZ®	121.8	74.3	32.8	36.8	40.9	1156.4	21.08	W27X129	E1
		6549.2	1886.6	160.3	179.9	199.5	157921.8	6.42	W690X192	
66-1962	IZ®	122.3	77.2	36.8	40.7	44.5	1132	21.6	W24X162	E1
		6576	1961.6	179.8	198.6	217.5	154591.2	6.58	W610X241	
67-1900	IZ®	124.6	74.8	30.7	34.6	38.6	1227.2	21.63	W30X116	E1
		6700.2	1899.6	149.7	169.2	188.6	167586.6	6.59	W760X173	
67-1952	IZ®	124.9	76.8	43.1	47	50.9	1128.4	21.11	W21X201	E1
		6714.4	1951.6	210.5	229.4	248.4	154091.8	6.43	W530X300	
69-2051	IZ®	127.6	80.7	66.1	69.8	73.5	1016.6	21.44	W14X370	E1
		6861.3	2050.6	322.8	340.8	358.9	138822.8	6.53	W360X551	
69-1988	IZ®	128.2	78.3	33.9	37.7	41.5	1244.5	22.36	W27X146	E1
		6894.1	1987.6	165.6	184.2	202.8	169947	6.81	W690X217	
70-1960	IZ®	129.6	77.1	38.9	42.8	46.6	1227.4	21.6	W24X176	E1
		6970.4	1959.6	190	208.9	227.7	167613.8	6.58	W610X262	
70-1900	IZ®	130.5	74.8	31.8	35.8	39.8	1310.2	21.67	W30X124	E1
		7016	1899.6	155.5	174.9	194.4	178918	6.6	W760X185	
73-2054	IZ®	135.2	80.9	70.2	73.9	77.5	1104.8	21.5	W14X398	E1
		7271.5	2053.6	342.6	360.6	378.6	150872.5	6.55	W360X592	
73-1901	IZ®	135.6	74.8	33.2	37.2	41.2	1389.6	21.7	W30X132	E1
		7291.2	1900.6	162	181.5	200.9	189758.5	6.61	W760X196	
73-1989	IZ®	136.2	78.3	36.2	40.1	43.9	1360.1	22.39	W27X161	E1
		7323.8	1988.6	177	195.5	214.1	185738.2	6.82	W690X240	
74-1962	IZ®	136.7	77.2	41.3	45.2	49.1	1325.1	21.67	W24X192	E1
		7346.8	1961.6	201.8	220.6	239.5	180949.2	6.6	W610X285	
74-1925	IZ®	137.6	75.8	30.5	34.4	38.4	1455.9	22.45	W33X118	E1
		7397.4	1924.6	149	168.2	187.4	198820.1	6.84	W840X176	
77-2057	IZ®	143.6	81	74.2	77.9	81.6	1199.6	21.6	W14X426	E1
		7718.6	2056.6	362.3	380.3	398.3	163819	6.58	W360X634	

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77-1963	IZ®	143.9	77.3	43.7	47.5	51.4	1426.6	21.7	W24X207	E1
		7738.7	1962.6	213.3	232.1	251	194814.9	6.61	W610X307	
78-1991	IZ®	144.5	78.4	38.8	42.6	46.4	1481.6	22.45	W27X178	E1
		7767.5	1990.6	189.4	208	226.5	202328.6	6.84	W690X265	
79-1925	IZ®	147.2	75.8	32.4	36.4	40.3	1606.6	22.49	W33X130	E1
		7916.4	1924.6	158.4	177.6	196.8	219396.8	6.85	W840X193	
79-1899	IZ®	147.4	74.7	35.8	39.7	43.7	1566.1	21.73	W30X148	E1
		7922.5	1898.6	174.6	194.1	213.5	213867.9	6.62	W760X220	
81-2061	IZ®	151	81.1	78.4	82	85.7	1290.3	21.7	W14X455	E1
		8119.6	2060.6	382.6	400.5	418.5	176208.2	6.61	W360X677	
83-1966	IZ®	153.8	77.4	47.1	50.9	54.8	1568.4	21.8	W24X229	E1
		8268.9	1965.6	229.7	248.6	267.4	214184.5	6.64	W610X341	
83-1989	IZ®	154.8	78.3	41.3	45.1	48.9	1630.6	22.45	W27X194	E1
		8323.9	1988.6	201.4	220	238.6	222676.4	6.84	W690X289	
84-1926	IZ®	155.9	75.8	34.2	38.1	42	1747.7	22.52	W33X141	E1
		8383.1	1925.6	166.8	186	205.2	238663.6	6.86	W840X210	
85-2014	IZ®	157.7	79.3	37.5	41.3	45.1	1728.1	23.21	W30X173	E1
		8477.4	2013.6	183.3	201.7	220	235985	7.07	W760X257	
86-1937	IZ®	160.2	76.2	33	36.9	40.8	1867.5	23.04	W36X135	E1
		8611	1936.6	161	180.1	199.2	255029.2	7.02	W920X201	
88-1968	IZ®	163.8	77.5	50.3	54.1	58	1713.9	21.86	W24X250	E1
		8807.8	1967.6	245.5	264.3	283	234047.6	6.66	W610X372	
88-1927	IZ®	164	75.9	35.9	39.8	43.8	1882.8	22.59	W33X152	E1
		8816.9	1926.6	175.3	194.5	213.7	257112.7	6.88	W840X226	
88-2065	IZ®	164.3	81.3	84.8	88.5	92.2	1453.9	21.8	W14X500	E1
		8832.5	2064.6	414.2	432.1	450	198539.8	6.64	W360X744	
90-1992	IZ®	166.7	78.4	44.7	48.5	52.3	1812.2	22.55	W27X217	E1
		8962.2	1991.6	218.5	237	255.6	247478.7	6.87	W690X323	

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90-2015	IZ®	168	79.3	40.2	44	47.8	1894.4	23.24	W30X191	E1
		9034.7	2014.6	196.5	214.8	233.2	258693.1	7.08	W760X284	
93-1937	IZ®	173.6	76.2	35.4	39.3	43.2	2098.1	23.11	W36X150	E1
		9332.3	1936.6	172.8	191.9	211	286513.4	7.04	W920X223	
94-1993	IZ®	175.3	78.4	47.5	51.3	55.1	1949.4	22.59	W27X235	E1
		9425.1	1992.6	232.1	250.7	269.2	266209.2	6.88	W690X350	
95-1971	IZ®	176.4	77.6	54.7	58.5	62.4	1903.9	21.93	W24X279	E1
		9484.2	1970.6	267	285.8	304.5	259993.6	6.68	W610X415	
95-1925	IZ®	176.7	75.8	38.5	42.4	46.3	2095.3	22.59	W33X169	E1
		9501.1	1924.6	187.7	206.9	226.1	286134.1	6.88	W840X251	
96-2070	IZ®	179	81.5	91.8	95.4	99.1	1642.7	21.96	W14X550	E1
		9625.6	2069.6	448.1	465.9	483.8	224327.4	6.69	W360X818	
96-2017	IZ®	179.2	79.4	43.2	47	50.7	2079.7	23.31	W30X211	E1
		9636.9	2016.6	211.1	229.4	247.7	283996.6	7.1	W760X314	
97-1938	IZ®	180.9	76.3	36.9	40.9	44.8	2232.3	23.14	W36X160	E1
		9727.7	1937.6	180.4	199.5	218.6	304836.3	7.05	W920X238	
98-1933	IZ®	182.7	76.1	35.3	39.2	43.1	2320.6	23.44	W40X149	E1
		9824.8	1932.6	172.3	191.5	210.6	316892.4	7.14	W1000X222	
101-1995	IZ®	186.9	78.5	50.9	54.7	58.5	2133.5	22.65	W27X258	E1
		10050.9	1994.6	248.4	267	285.5	291345.3	6.9	W690X384	
101-1939	IZ®	188.4	76.3	38.5	42.4	46.3	2369.4	23.18	W36X170	E1
		10129.5	1938.6	188	207.1	226.1	323567.5	7.06	W920X253	
102-1973	IZ®	188.8	77.7	58.7	62.5	66.4	2093.5	21.99	W24X306	E1
		10148.6	1972.6	286.6	305.4	324.1	285888	6.7	W610X455	
103-2033	IZ®	190.7	80	41.4	45.1	48.8	2349.9	23.96	W33X201	E1
		10251.8	2032.6	202.1	220.3	238.5	320897.8	7.3	W840X299	
104-2015	IZ®	194.1	79.3	46.9	50.6	54.4	2324.5	23.34	W30X235	E1
		10437	2014.6	228.8	247.2	265.5	317425.5	7.11	W760X350	

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105-2075	IZ®	195.7	81.7	100.1	103.7	107.4	1864.8	22.09	W14X605	E1
		10522.4	2074.6	488.6	506.4	524.2	254651.5	6.73	W360X900	
106-1940	IZ®	196.2	76.4	40.4	44.3	48.2	2520	23.21	W36X182	E1
		10550.9	1939.6	197.2	216.3	235.3	344127.4	7.07	W920X271	
107-1997	IZ®	198.7	78.6	54.5	58.2	62	2324.9	22.72	W27X281	E1
		10681.9	1996.6	265.9	284.4	302.9	317479	6.92	W690X419	
108-1933	IZ®	200.8	76.1	38.1	42	46	2651.3	23.5	W40X167	E1
		10794.5	1932.6	186.1	205.3	224.4	362058.5	7.16	W1000X249	
108-1976	IZ®	201.6	77.8	63.2	67	70.8	2297.3	22.09	W24X335	E1
		10840.7	1975.6	308.4	327.2	345.9	313718.9	6.73	W610X498	
109-2034	IZ®	203.2	80.1	44.4	48.1	51.8	2575.2	24.03	W33X221	E1
		10924.7	2033.6	216.7	234.8	253	351661	7.32	W840X329	
110-1941	IZ®	203.7	76.4	42.2	46.1	50	2665.1	23.24	W36X194	E1
		10951.9	1940.6	206	225.1	244.1	363948	7.08	W920X289	
112-2018	IZ®	207.5	79.4	50.8	54.5	58.3	2558.9	23.41	W30X261	E1
		11156	2017.6	247.9	266.3	284.6	349436.6	7.13	W760X389	
113-2000	IZ®	210.7	78.7	58.2	62	65.8	2525.8	22.78	W27X307	E1
		11329.6	1999.6	284.3	302.8	321.3	344927.1	6.94	W690X457	
115-2081	IZ®	213.5	81.9	108.3	111.9	115.6	2116.2	22.26	W14X665	E1
		11479.2	2080.6	528.7	546.5	564.2	288979.9	6.78	W360X990	
115-1942	IZ®	213.6	76.4	44.7	48.6	52.5	2862	23.27	W36X210	E1
		11485.2	1941.6	218.4	237.5	256.5	390837.7	7.09	W920X313	
116-2036	IZ®	215.3	80.1	47.3	51.1	54.8	2796.1	24.09	W33X241	E1
		11575.8	2035.6	231.1	249.3	267.4	381833.9	7.34	W840X359	
117-1980	IZ®	217	77.9	68.5	72.3	76.1	2548	22.19	W24X370	E1
		11669.1	1979.6	334.4	353.1	371.7	347947.2	6.76	W610X551	
117-1933	IZ®	217.8	76.1	40.6	44.5	48.5	2969.3	23.57	W40X183	E1
		11707.3	1932.6	198.3	217.5	236.6	405483.6	7.18	W1000X272	

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119-2051	IZ®	221	80.7	45.3	49	52.6	2964.6	24.59	W36X230	E1
		11881.6	2050.6	221	239	257	404842.7	7.49	W920X342	
119-2033	IZ®	221.9	80	41	44.7	48.4	3068.4	24.82	W40X199	E1
		11932.1	2032.6	200.2	218.3	236.5	419020.7	7.56	W1000X296	
121-2020	IZ®	224.8	79.5	55.4	59.1	62.8	2860	23.47	W30X292	E1
		12083.4	2019.6	270.2	288.5	306.9	390563.9	7.15	W760X434	
121-2003	IZ®	225.1	78.8	62.6	66.3	70.1	2770.6	22.88	W27X336	E1
		12103	2002.6	305.5	323.9	342.4	378345.9	6.97	W690X500	
124-2034	IZ®	230.8	80.1	50.7	54.4	58.1	3078.8	24.09	W33X263	E1
		12407.4	2033.6	247.5	265.7	283.9	420440.4	7.34	W840X392	
124-2052	IZ®	230.8	80.8	47.5	51.2	54.9	3151.5	24.62	W36X245	E1
		12408.4	2051.6	232	250	268	430359.5	7.5	W920X365	
124-1941	IZ®	230.9	76.4	48.1	52	55.9	3194.5	23.31	W36X232	E1
		12416.6	1940.6	234.7	253.8	272.8	436232.5	7.1	W920X345	
126-2087	IZ®	234	82.1	117.2	120.8	124.5	2409.9	22.42	W14X730	E1
		12580.6	2086.6	572.3	590	607.7	329090.1	6.83	W360X1086	
127-1933	IZ®	236.7	76.1	45	48.9	52.9	3371.8	23.6	W40X211	E1
		12723.2	1932.6	219.9	239	258.1	460446.6	7.19	W1000X314	
128-2033	IZ®	238.3	80	43.5	47.3	51	3383	24.88	W40X215	E1
		12809.6	2032.6	212.5	230.7	248.9	461979.5	7.58	W1000X321	
129-2005	IZ®	240.3	78.9	67.4	71.2	74.9	3035.1	22.95	W27X368	E1
		12919.6	2004.6	329	347.5	365.9	414474.4	6.99	W690X548	
129-2053	IZ®	240.4	80.8	49.7	53.4	57.1	3338.9	24.65	W36X260	E1
		12924.1	2052.6	242.6	260.6	278.6	455957.3	7.51	W920X387	
130-2023	IZ®	242	79.6	60.4	64.1	67.8	3174.1	23.57	W30X326	E1
		13013	2022.6	294.7	313	331.2	433447.9	7.18	W760X484	
132-1943	IZ®	245.9	76.5	51.9	55.8	59.7	3503.1	23.37	W36X256	E1
		13220.1	1942.6	253.5	272.5	291.5	478374.7	7.12	W920X381	

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133-2037	IZ®	246.7	80.2	54.8	58.5	62.2	3383.7	24.19	W33X291	E1
		13263.9	2036.6	267.6	285.8	303.9	462070.8	7.37	W840X433	
135-2104	IZ®	250.1	82.8	127.7	131.3	134.9	2642.1	22.59	W14X808	E1
		13447.9	2103.6	623.7	641.2	658.8	360805.7	6.88	W360X1202	
136-1935	IZ®	252.6	76.2	48.7	52.6	56.6	3715.1	23.67	W40X235	E1
		13578	1934.6	237.9	257	276.1	507335	7.21	W1000X350	
136-2055	IZ®	253.8	80.9	52.7	56.4	60.1	3603.4	24.72	W36X280	E1
		13642.5	2054.6	257.2	275.2	293.2	492076	7.53	W920X417	
139-2026	IZ®	258.7	79.7	64.9	68.7	72.4	3481.7	23.67	W30X357	E1
		13907.7	2025.6	317.1	335.4	353.6	475460.9	7.21	W760X531	
140-2033	IZ®	260.9	80	48.6	52.3	56	3863.3	24.91	W40X249	E1
		14026.5	2032.6	237.2	255.4	273.6	527574.3	7.59	W1000X371	
141-2039	IZ®	262.4	80.3	58.8	62.5	66.2	3687.6	24.26	W33X318	E1
		14107.3	2038.6	287	305.1	323.2	503579.6	7.39	W840X473	
143-2056	IZ®	265.7	80.9	55.6	59.3	63	3842.7	24.75	W36X300	E1
		14285.5	2055.6	271.6	289.6	307.6	524761.2	7.54	W920X446	
145-1936	IZ®	268.8	76.2	53.3	57.2	61.1	4085.9	23.73	W40X264	E1
		14450.7	1935.6	260.1	279.2	298.3	557959.8	7.23	W1000X393	
145-2033	IZ®	269.4	80	45.7	49.5	53.2	4229.4	25.51	W44X230	E1
		14484.7	2032.6	223.3	241.5	259.7	577562.6	7.77	W1100X343	
148-2029	IZ®	276	79.9	70.1	73.8	77.5	3811	23.73	W30X391	E1
		14839.7	2028.6	342.2	360.4	378.6	520426.7	7.23	W760X582	
149-1937	IZ®	277	76.2	55.6	59.5	63.4	4274.7	23.73	W40X278	E1
		14892.7	1936.6	271.3	290.4	309.5	583745	7.23	W1000X415	
150-2035	IZ®	278.9	80.1	52.7	56.4	60.1	4253	24.98	W40X277	E1
		14993.3	2034.6	257.1	275.2	293.4	580779.5	7.61	W1000X412	
152-2042	IZ®	282.3	80.4	64	67.8	71.5	4082.7	24.32	W33X354	E1
		15176	2041.6	312.7	330.8	348.9	557528.3	7.41	W840X527	

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152-2055	IZ®	283.1	80.9	59.7	63.4	67.1	4197.7	24.78	W36X328	E1
		15220.5	2054.6	291.6	309.6	327.6	573226.6	7.55	W920X488	
155-2035	IZ®	288.6	80.1	55.7	59.5	63.2	4481.7	24.98	W40X297	E1
		15515.3	2034.6	272.1	290.3	308.4	612017.5	7.61	W1000X443	
159-2033	IZ®	295	80	50.6	54.3	58	4811.9	25.57	W44X262	E1
		15860.7	2032.6	246.9	265.1	283.3	657107	7.79	W1100X390	
162-2058	IZ®	300.4	81	64.2	67.9	71.5	4560.5	24.85	W36X359	E1
		16152.3	2057.6	313.3	331.3	349.3	622778	7.57	W920X534	
162-2044	IZ®	300.4	80.5	68.9	72.6	76.4	4454.9	24.42	W33X387	E1
		16153	2043.6	336.6	354.7	372.8	608360.3	7.44	W840X576	
165-2037	IZ®	307.3	80.2	59.7	63.4	67.1	4887.8	25.08	W40X324	E1
		16519.7	2036.6	291.5	309.7	327.8	667466	7.64	W1000X483	
166-1941	IZ®	308.4	76.4	63	66.9	70.8	4982.4	23.86	W40X327	E1
		16581.4	1940.6	307.5	326.6	345.6	680388.7	7.27	W1000X486	
167-1942	IZ®	309.9	76.4	63.8	67.7	71.6	5021.9	23.9	W40X331	E1
		16662.2	1941.6	311.4	330.5	349.5	685778.8	7.28	W1000X494	
170-2035	IZ®	315.2	80.1	54.9	58.6	62.3	5293.2	25.64	W44X290	E1
		16945.1	2034.6	267.9	286	304.2	722829.3	7.81	W1100X433	
172-2060	IZ®	320.4	81.1	69.3	72.9	76.6	4987	24.95	W36X393	E1
		17224.3	2059.6	338.2	356.1	374.1	681015.6	7.6	W920X585	
173-2020	IZ®	321.9	79.5	92.4	96.2	99.9	4554.6	23.41	W27X539	E1
		17305.1	2019.6	451.4	469.7	488	621969.4	7.13	W690X802	
177-2040	IZ®	329.6	80.3	65.3	69	72.7	5398.3	25.14	W40X362	E1
		17719.3	2039.6	318.8	336.9	355	737188.1	7.66	W1000X539	
180-2041	IZ®	334.5	80.3	66.8	70.5	74.2	5514.8	25.18	W40X372	E1
		17982.9	2040.6	325.9	344.1	362.2	753093.7	7.67	W1000X554	
183-2038	IZ®	340.7	80.2	61.2	64.9	68.6	5929.7	25.7	W44X335	E1
		18316.7	2037.6	298.7	316.8	335	809759.2	7.83	W1100X499	

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187-2064	IZ®	346.9	81.2	75.8	79.5	83.2	5557.5	25.05	W36X439	E1
		18652.5	2063.6	370.2	388.1	406.1	758923.9	7.63	W920X653	
188-1947	IZ®	349.1	76.6	73.1	77	80.9	5933.1	24.06	W40X392	E1
		18769.2	1946.6	357	376	395	810211.8	7.33	W1000X584	
189-2042	IZ®	351.8	80.4	70.4	74.1	77.8	5906.1	25.21	W40X397	E1
		18912.4	2041.6	343.8	362	380.1	806524.5	7.68	W1000X591	
200-2045	IZ®	371.5	80.5	75.4	79.1	82.8	6367	25.31	W40X431	E1
		19972.5	2044.6	368.3	386.4	404.5	869466.4	7.71	W1000X642	
214-2070	IZ®	398	81.5	88.5	92.2	95.8	6693.7	25.24	W36X527	E1
		21395.4	2069.6	432.1	450	467.8	914082.4	7.69	W920X784	
224-2050	IZ®	416.7	80.7	86	89.7	93.4	7440.1	25.47	W40X503	E1
		22401	2049.6	419.9	437.9	455.9	1016012.1	7.76	W1000X748	
252-2079	IZ®	468.4	81.8	106.1	109.7	113.4	8333.6	25.51	W36X650	E1
		25185.2	2078.6	517.9	535.7	553.4	1138032.3	7.77	W920X967	
255-2057	IZ®	473.7	81	99.4	103.1	106.7	8836.1	25.67	W40X593	E1
		25467.6	2056.6	485.2	503.2	521.2	1206647.8	7.82	W1000X883	
299-2090	IZ®	555.6	82.3	127.1	130.7	134.3	10461.6	25.83	W36X798	E1
		29870.7	2089.6	620.3	638	655.7	1428626.5	7.87	W920X1188	

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28-1626	IZ®	51.2	64	18.9	23.5	28.2	327.8	17.66	W16X26	E2
		2752.4	1626.2	92.1	114.9	137.6	44766.5	5.38	W410X38.8	
29-1626	IZ®	53	64	19.8	24.4	29.1	342.7	17.66	W16X31	E2
		2850.1	1626.2	96.6	119.4	142.1	46800.9	5.38	W410X46.1	
29-1663	IZ®	53.7	65.5	20.2	24.8	29.4	349.3	18.16	W16X36	E2
		2884.7	1663.2	98.9	121.1	143.3	47699	5.53	W410X53	
30-1664	IZ®	55.3	65.5	21	25.5	30.1	362.8	18.19	W16X40	E2
		2970.9	1664.2	102.5	124.7	146.9	49538.4	5.54	W410X60	
30-1638	IZ®	55.5	64.5	20.4	25	29.6	372	18.12	W18X35	E2
		2983.2	1638.2	99.5	122.1	144.6	50805.9	5.52	W460X52	
31-1665	IZ®	56.7	65.6	21.9	26.5	31	375.8	18.22	W16X45	E2
		3050.4	1665.2	106.9	129.1	151.3	51321.5	5.55	W410X67	
31-1639	IZ®	57.9	64.5	21.3	25.9	30.5	393.2	18.19	W18X40	E2
		3111	1639.2	104	126.6	149.1	53691.1	5.54	W460X60	
31-1666	IZ®	58.3	65.6	22.8	27.4	31.9	389.8	18.25	W16X50	E2
		3136	1666.2	111.4	133.5	155.7	53228.1	5.56	W410X75	
32-1640	IZ®	60	64.6	22.4	27	31.6	413.6	18.22	W18X46	E2
		3225.9	1640.2	109.4	131.9	154.5	56474.6	5.55	W460X68	
33-1667	IZ®	60.5	65.6	24	28.6	33.1	409	18.29	W16X57	E2
		3251.9	1667.2	117.4	139.5	161.7	55849.5	5.57	W410X85	
33-1676	IZ®	60.8	66	22.6	27.1	31.7	421.3	18.68	W18X50	E2
		3269.4	1676.2	110.5	132.5	154.6	57535.6	5.69	W460X74	
33-1885	IZ®	61.8	74.2	26.3	30.3	34.3	416.6	20.91	HP16x88	E2
		3321.5	1884.7	128.2	147.8	167.4	56886.2	6.37	HP410x131	
34-1651	IZ®	62.6	65	21.9	26.5	31.1	451.2	18.78	W21X44	E2
		3364.9	1651.2	107	129.3	151.7	61612.9	5.72	W530X66	
34-1677	IZ®	62.7	66	23.6	28.1	32.6	439.6	18.68	W18X55	E2
		3371.5	1677.2	115.3	137.3	159.3	60029.4	5.69	W460X82	

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34-1746	IZ®	62.7	68.7	24.9	29.2	33.6	428.5	19.3	W16X67	E2
		3372.9	1746.2	121.5	142.7	163.8	58522	5.88	W410X100	
34-1693	IZ®	63.6	66.7	22.1	26.5	31	462.4	19.34	W21X48	E2
		3417.4	1693.2	107.8	129.6	151.4	63150.6	5.89	W530X72	
35-1678	IZ®	64.6	66.1	24.5	29	33.5	457.7	18.71	W18X60	E2
		3474.8	1678.2	119.4	141.4	163.5	62503.1	5.7	W460X89	
35-1886	IZ®	65.6	74.3	28.5	32.5	36.5	448.1	20.98	HP16x101	E2
		3524.3	1886.2	139.1	158.7	178.3	61198	6.39	HP410x151	
35-1652	IZ®	65.6	65	23	27.6	32.1	481.4	18.81	W21X50	E2
		3527.2	1652.2	112.2	134.6	157	65737.3	5.73	W530X74	
35-1747	IZ®	65.9	68.8	26.6	31	35.3	457	19.34	W16X77	E2
		3542.9	1747.2	130	151.1	172.3	62411	5.89	W410X114	
36-1679	IZ®	66.5	66.1	25.3	29.8	34.3	475.4	18.75	W18X65	E2
		3573.2	1679.2	123.5	145.6	167.6	64920.3	5.71	W460X97	
36-1695	IZ®	67.4	66.7	23.4	27.8	32.3	499.9	19.37	W21X55	E2
		3621	1695.2	114	135.8	157.7	68269.2	5.9	W530X82	
37-1680	IZ®	68.5	66.1	26.4	30.9	35.4	495.6	18.78	W18X71	E2
		3680.6	1680.2	129.1	151.1	173.1	67684.1	5.72	W460X106	
37-1766	IZ®	68.8	69.5	26	30.3	34.5	498.5	19.86	W18X76	E2
		3700.4	1766.2	126.8	147.7	168.6	68072.1	6.05	W460X113	
37-1652	IZ®	69.5	65	24.3	28.8	33.4	520.7	18.85	W21X57	E2
		3736.4	1652.2	118.4	140.8	163.2	71101.5	5.74	W530X85	
38-1749	IZ®	69.7	68.9	28.7	33	37.4	491.8	19.4	W16X89	E2
		3749.3	1749.2	140.1	161.3	182.4	67157.7	5.91	W410X132	
38-1889	IZ®	71	74.4	31.7	35.7	39.7	496.6	21.04	HP16x121	E2
		3816.8	1889.4	154.7	174.2	193.8	67817.9	6.41	HP410x181	
38-1695	IZ®	71.2	66.7	24.6	29.1	33.5	538.6	19.4	W21X62	E2
		3827.7	1695.2	120.1	141.9	163.7	73547	5.91	W530X92	

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39-1768	IZ®	72.6	69.6	27.7	31.9	36.2	534.4	19.93	W18X86	E2
		3901.6	1768.2	135.1	156	176.9	72976.5	6.07	W460X128	
40-1751	IZ®	73.4	68.9	30.6	34.9	39.2	526.3	19.44	W16X100	E2
		3946.9	1751.2	149.4	170.5	191.6	71876.4	5.92	W410X149	
40-1664	IZ®	73.5	65.5	23.8	28.3	32.9	577.2	19.44	W24X55	E2
		3951.1	1664.2	116.2	138.4	160.6	78819.2	5.92	W610X82	
40-1696	IZ®	74.2	66.8	25.6	30.1	34.5	569.6	19.44	W21X68	E2
		3987.1	1696.2	125.1	146.9	168.7	77786.8	5.92	W530X101	
41-1893	IZ®	76.3	74.5	34.9	38.9	42.9	542.6	21.08	HP16x141	E2
		4104	1892.6	170.2	189.7	209.2	74090.6	6.42	HP410x211	
41-1697	IZ®	76.4	66.8	26.6	31	35.5	594	19.47	W21X73	E2
		4108.5	1697.2	129.6	151.4	173.2	81113.6	5.93	W530X109	
41-1769	IZ®	76.7	69.7	29.6	33.8	38.1	575.2	19.96	W18X97	E2
		4124.4	1769.2	144.3	165.2	186.1	78555.3	6.08	W460X144	
42-1665	IZ®	77.5	65.6	25	29.6	34.1	622.2	19.47	W24X62	E2
		4168.3	1665.2	122.2	144.4	166.6	84963.6	5.93	W610X92	
43-1937	IZ®	79.1	76.3	33.1	37	40.9	592.4	21.93	HP18x135	E2
		4251.7	1937	161.6	180.7	199.7	80895.6	6.68	HP360x202	
43-1770	IZ®	79.7	69.7	31.1	35.4	39.6	606.3	19.99	W18X106	E2
		4286.7	1770.2	151.8	172.7	193.5	82801.3	6.09	W460X158	
43-1714	IZ®	80.5	67.5	25.3	29.8	34.2	655.7	20.12	W24X68	E2
		4330.5	1714.2	123.8	145.3	166.9	89545.6	6.13	W610X101	
43-1698	IZ®	80.7	66.9	28.2	32.7	37.2	641.2	19.5	W21X83	E2
		4340.6	1698.2	137.9	159.6	181.4	87565.5	5.94	W530X123	
44-1896	IZ®	82.1	74.6	38.1	42.1	46.1	595.8	21.17	HP16x162	E2
		4414.6	1895.8	185.9	205.4	224.9	81356	6.45	HP410x242	
45-1884	IZ®	83.7	74.2	40.6	44.6	48.6	585.1	20.85	W14X176	E2
		4500.5	1884.2	198	217.6	237.2	79897.7	6.35	W360X262	

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46-1772	IZ®	84.8	69.8	33.3	37.6	41.9	657.6	20.03	W18X119	E2
		4556.8	1772.2	162.7	183.5	204.4	89795.6	6.1	W460X177	
46-1700	IZ®	85	66.9	30	34.5	38.9	689.5	19.53	W21X93	E2
		4569.9	1700.2	146.5	168.2	190	94162.1	5.95	W530X138	
46-1940	IZ®	85.4	76.4	36.4	40.3	44.2	652.7	21.99	HP18x157	E2
		4591.9	1940.2	177.8	196.8	215.9	89134.5	6.7	HP360x234	
46-1714	IZ®	85.6	67.5	26.8	31.2	35.6	712.3	20.16	W24X76	E2
		4600	1714.2	130.6	152.2	173.8	97277	6.14	W610X113	
47-1798	IZ®	87.3	70.8	29.8	34	38.2	712.1	20.81	W21X101	E2
		4691.9	1798.2	145.5	166	186.6	97245.3	6.34	W530X150	
47-1905	IZ®	87.5	75	41.4	45.3	49.3	646.4	21.31	HP16x183	E2
		4704.6	1905.3	202	221.4	240.8	88272.7	6.49	HP410x272	
48-1885	IZ®	88.6	74.2	43.3	47.3	51.3	628.4	20.91	W14X193	E2
		4761.6	1885.2	211.2	230.8	250.4	85808.1	6.37	W360X287	
48-1769	IZ®	89.6	69.7	35.3	39.6	43.8	708.5	20.06	W18X130	E2
		4818.9	1769.2	172.3	193.2	214.1	96747.1	6.11	W460X193	
49-1715	IZ®	90.3	67.5	28.1	32.6	37	767	20.19	W24X84	E2
		4853.8	1715.2	137.4	159	180.5	104744.4	6.15	W610X125	
49-1799	IZ®	91.3	70.8	31.5	35.7	39.9	757.1	20.85	W21X111	E2
		4906.5	1799.2	153.7	174.2	194.8	103384.3	6.35	W530X165	
50-1943	IZ®	93	76.5	40.1	44	47.9	726.2	22.06	HP18x181	E2
		4997.4	1943.4	195.7	214.7	233.7	99162.8	6.72	HP360x269	
50-1887	IZ®	93.4	74.3	46.1	50.1	54.1	673	20.94	W14X211	E2
		5022.8	1887.2	225.1	244.7	264.3	91900.3	6.38	W360X314	
51-1771	IZ®	94.7	69.7	37.4	41.7	46	761.9	20.09	W18X143	E2
		5089.4	1771.2	182.7	203.6	224.5	104048.7	6.12	W460X213	
52-1716	IZ®	95.8	67.6	30	34.4	38.8	834.1	20.22	W24X94	E2
		5148.6	1716.2	146.5	168	189.6	113903.4	6.16	W610X140	

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52-1801	IZ®	96	70.9	33.2	37.4	41.6	810.9	20.88	W21X122	E2
		5159.5	1801.2	162.2	182.8	203.3	110730.5	6.36	W530X182	
53-1810	IZ®	97.8	71.3	30.1	34.3	38.5	861.2	21.4	W24X104	E2
		5257.5	1810.2	147.1	167.5	188	117601.9	6.52	W610X155	
53-1739	IZ®	97.8	68.5	27.9	32.2	36.6	883.3	20.91	W27X84	E2
		5258.5	1739.2	136	157.2	178.5	120617.2	6.37	W690X125	
53-1816	IZ®	98.5	71.5	54.8	59	63.2	705.9	19.9	W12X252	E2
		5294.1	1816.2	267.7	288	308.4	96402.5	6.06	W310X375	
53-1890	IZ®	99.2	74.4	49.6	53.6	57.6	728.8	21.04	W14X233	E2
		5333.3	1890.2	242.2	261.8	281.3	99521.1	6.41	W360X347	
54-1773	IZ®	99.9	69.8	39.9	44.2	48.5	819.9	20.16	W18X158	E2
		5373	1773.2	194.9	215.8	236.6	111959.7	6.14	W460X235	
54-1947	IZ®	100.2	76.6	43.7	47.6	51.5	802	22.13	HP18x204	E2
		5387.8	1946.6	213.6	232.6	251.6	109519.8	6.74	HP460x304	
54-1802	IZ®	100.3	71	34.9	39.1	43.3	859.7	20.91	W21X132	E2
		5390.7	1802.2	170.4	190.9	211.4	117393.2	6.37	W530X196	
54-1715	IZ®	101.2	67.5	31.5	35.9	40.3	899.3	20.22	W24X103	E2
		5438.2	1715.2	153.9	175.5	197	122811.9	6.16	W610X153	
56-1811	IZ®	104.5	71.3	32.2	36.4	40.6	943.1	21.44	W24X117	E2
		5619.5	1811.2	157.4	177.9	198.3	128794.6	6.53	W610X174	
56-1740	IZ®	104.9	68.5	29.5	33.8	38.2	972	20.98	W27X94	E2
		5637.5	1740.2	144	165.3	186.5	132729.2	6.39	W690X140	
57-1820	IZ®	105.4	71.7	59.1	63.3	67.4	776.5	19.99	W12X279	E2
		5667.1	1820.2	288.6	308.9	329.3	106044.7	6.09	W310X415	
57-1892	IZ®	105.6	74.5	53.5	57.5	61.5	793.2	21.11	W14X257	E2
		5679.8	1892.2	261.1	280.6	300.1	108321	6.43	W360X382	
57-1804	IZ®	106.7	71	37.5	41.6	45.8	935.4	20.98	W21X147	E2
		5735.1	1804.2	182.9	203.3	223.8	127742.5	6.39	W530X219	

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57-1775	IZ®	106.8	69.9	42.8	47	51.3	895.7	20.22	W18X175	E2
		5740.1	1775.2	208.8	229.7	250.5	122317	6.16	W460X260	
59-1740	IZ®	110.5	68.5	31	35.3	39.7	1045.8	21.01	W27X102	E2
		5942.8	1740.2	151.2	172.5	193.7	142813.9	6.4	W690X152	
60-1750	IZ®	110.6	68.9	28.6	32.9	37.2	1076.6	21.54	W30X90	E2
		5948	1750.2	139.6	160.7	181.9	147020.8	6.56	W760X134	
60-1813	IZ®	111.7	71.4	34.6	38.8	43	1033.8	21.5	W24X131	E2
		6004.3	1813.2	169	189.3	209.7	141175.3	6.55	W610X195	
61-1822	IZ®	112.6	71.7	63.5	67.6	71.8	852.4	20.09	W12X305	E2
		6054.3	1822.2	309.9	330.1	350.4	116406.4	6.12	W310X454	
61-1895	IZ®	113.2	74.6	57.5	61.5	65.5	869.1	21.17	W14X283	E2
		6088	1895.2	280.9	300.4	320	118677.6	6.45	W360X421	
62-1751	IZ®	116.1	68.9	30.2	34.6	38.9	1157.6	21.57	W30X99	E2
		6241.3	1751.2	147.6	168.7	189.8	158077	6.57	W760X147	
63-1801	IZ®	117.1	70.9	40.7	44.9	49.1	1059	20.98	W21X166	E2
		6297.5	1801.2	198.9	219.4	239.9	144609.9	6.39	W530X248	
63-1742	IZ®	117.3	68.6	33	37.3	41.7	1138.4	21.04	W27X114	E2
		6305.2	1742.2	161	182.2	203.4	155462.5	6.41	W690X170	
65-1814	IZ®	120.3	71.4	37.1	41.2	45.4	1141.1	21.57	W24X146	E2
		6468.9	1814.2	181	201.4	221.7	155829.9	6.57	W610X217	
65-1826	IZ®	120.8	71.9	68.5	72.7	76.8	939.9	20.19	W12X336	E2
		6492.7	1826.2	334.5	354.8	375	128348.8	6.15	W310X500	
65-1898	IZ®	120.8	74.7	61.9	65.9	69.9	949.3	21.27	W14X311	E2
		6493.7	1898.2	302.4	321.9	341.4	129639.9	6.48	W360X463	
66-1752	IZ®	123.1	69	31.8	36.1	40.4	1256	21.6	W30X108	E2
		6617.2	1752.2	155.1	176.2	197.3	171514.3	6.58	W760X161	
67-1804	IZ®	123.8	71	43.4	47.6	51.8	1142.5	21.04	W21X182	E2
		6656.5	1804.2	212	232.5	253	156023.8	6.41	W530X272	

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69-1740	IZ®	127.4	68.5	35.6	39.9	44.3	1277.4	21.08	W27X129	E2
		6849.3	1740.2	173.8	195	216.3	174445.8	6.42	W690X192	
69-1815	IZ®	128.5	71.5	39.8	44	48.1	1249.7	21.6	W24X162	E2
		6907.8	1815.2	194.3	214.7	235	170654.2	6.58	W610X241	
70-1753	IZ®	129.5	69	33.2	37.5	41.9	1348.2	21.63	W30X116	E2
		6964	1753.2	162.2	183.3	204.4	184103.3	6.59	W760X173	
70-1902	IZ®	129.6	74.9	66.8	70.8	74.8	1045.2	21.37	W14X342	E2
		6967	1902.2	326.1	345.6	365	142729.7	6.51	W360X509	
71-1805	IZ®	132.2	71.1	46.6	50.8	55	1249.7	21.11	W21X201	E2
		7110	1805.2	227.5	248	268.5	170657.5	6.43	W530X300	
72-1841	IZ®	133.6	72.5	36.6	40.7	44.8	1363.3	22.36	W27X146	E2
		7183.3	1841.2	178.8	198.8	218.9	186172.6	6.81	W690X217	
73-1753	IZ®	135.6	69	34.5	38.8	43.1	1435.5	21.67	W30X124	E2
		7292	1753.2	168.5	189.6	210.6	196033.7	6.6	W760X185	
73-1813	IZ®	136.1	71.4	42.1	46.2	50.4	1350.2	21.6	W24X176	E2
		7319.5	1813.2	205.3	225.7	246.1	184379	6.58	W610X262	
74-1904	IZ®	138.1	75	71.2	75.2	79.2	1137.5	21.44	W14X370	E2
		7422.8	1904.2	347.6	367	386.5	155331.1	6.53	W360X551	
76-1754	IZ®	141	69.1	36	40.3	44.6	1518.7	21.7	W30X132	E2
		7579.8	1754.2	175.5	196.6	217.7	207397.4	6.61	W760X196	
76-1842	IZ®	142	72.5	39.1	43.2	47.3	1484.6	22.39	W27X161	E2
		7633.2	1842.2	191	211.1	231.1	202732.9	6.82	W690X240	
77-1778	IZ®	142.2	70	33	37.3	41.5	1584	22.45	W33X118	E2
		7645.8	1778.2	161.3	182	202.8	216315.7	6.84	W840X176	
77-1815	IZ®	143.5	71.5	44.7	48.8	53	1452.7	21.67	W24X192	E2
		7714	1815.2	218.1	238.4	258.8	198374.3	6.6	W610X285	
79-1907	IZ®	145.9	75.1	75.6	79.5	83.5	1229.8	21.5	W14X398	E2
		7845.9	1907.2	368.9	388.3	407.7	167940.7	6.55	W360X592	

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81-1844	IZ®	150.7	72.6	41.9	46	50.1	1612.2	22.45	W27X178	E2
		8100.2	1844.2	204.4	224.5	244.5	220160.9	6.84	W690X265	
81-1816	IZ®	151.1	71.5	47.2	51.4	55.5	1559.6	21.7	W24X207	E2
		8125.7	1816.2	230.5	250.8	271.2	212976.4	6.61	W610X307	
82-1778	IZ®	152.3	70	35.1	39.4	43.6	1742.8	22.49	W33X130	E2
		8189.5	1778.2	171.4	192.2	213	237999.2	6.85	W840X193	
82-1752	IZ®	153.3	69	38.7	43.1	47.4	1705.1	21.73	W30X148	E2
		8241.4	1752.2	189.2	210.3	231.4	232850.8	6.62	W760X220	
83-1910	IZ®	154.6	75.2	79.9	83.9	87.8	1329.4	21.6	W14X426	E2
		8309.6	1910.2	390.1	409.5	428.8	181540.3	6.58	W360X634	
87-1779	IZ®	161.4	70	37	41.2	45.5	1891.6	22.52	W33X141	E2
		8679.5	1779.2	180.6	201.3	222.1	258309.3	6.86	W840X210	
87-1819	IZ®	161.5	71.6	50.8	55	59.2	1709	21.8	W24X229	E2
		8684.3	1819.2	248.2	268.6	288.9	233377.5	6.64	W610X341	
87-1842	IZ®	161.5	72.5	44.5	48.6	52.8	1769.7	22.45	W27X194	E2
		8684.7	1842.2	217.4	237.5	257.6	241668.5	6.84	W690X289	
87-1914	IZ®	162.3	75.4	84.4	88.3	92.3	1424.5	21.7	W14X455	E2
		8725.7	1914.2	411.8	431.2	450.5	194526.3	6.61	W360X677	
88-1867	IZ®	163.6	73.5	40.5	44.5	48.6	1867.2	23.21	W30X173	E2
		8796	1867.2	197.7	217.5	237.3	254984	7.07	W760X257	
89-1790	IZ®	165.4	70.5	35.7	39.9	44.1	2014.1	23.04	W36X135	E2
		8889.9	1790.2	174.2	194.8	215.5	275048.1	7.02	W920X201	
91-1780	IZ®	170	70.1	38.9	43.1	47.4	2034.1	22.59	W33X152	E2
		9137.2	1780.2	189.7	210.5	231.3	277778.3	6.88	W840X226	
93-1821	IZ®	172.1	71.7	54.3	58.5	62.6	1862.6	21.86	W24X250	E2
		9253.1	1821.2	265.2	285.5	305.8	254357.3	6.66	W610X372	
94-1845	IZ®	174.1	72.6	48.3	52.4	56.5	1961.2	22.55	W27X217	E2
		9359.3	1845.2	235.8	255.8	275.9	267826.1	6.87	W690X323	

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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)	
94-1868	IZ®	174.6	73.6	43.4	47.5	51.5	2042.6	23.24	W30X191	E2
		9385.4	1868.2	211.9	231.7	251.5	278930	7.08	W760X284	
95-1918	IZ®	176.1	75.5	91.3	95.2	99.2	1596.5	21.8	W14X500	E2
		9467.5	1918.2	445.8	465	484.3	218012.1	6.64	W360X744	
97-1790	IZ®	179.5	70.5	38.3	42.5	46.7	2258	23.11	W36X150	E2
		9650.8	1790.2	186.9	207.6	228.2	308346.1	7.04	W920X223	
99-1846	IZ®	183.2	72.7	51.3	55.4	59.5	2106.1	22.59	W27X235	E2
		9850.8	1846.2	250.6	270.6	290.6	287604.4	6.88	W690X350	
99-1778	IZ®	183.4	70	41.6	45.9	50.1	2259.4	22.59	W33X169	E2
		9861.2	1778.2	203.2	224	244.8	308538.9	6.88	W840X251	
100-1824	IZ®	185.4	71.8	59.1	63.2	67.4	2063.4	21.93	W24X279	E2
		9969.5	1824.2	288.4	308.7	329	281776.4	6.68	W610X415	
100-1870	IZ®	186.4	73.6	46.6	50.7	54.7	2238.1	23.31	W30X211	E2
		10023.7	1870.2	227.6	247.4	267.1	305633.6	7.1	W760X314	
101-1791	IZ®	187.3	70.5	40	44.2	48.4	2399.8	23.14	W36X160	E2
		10070.4	1791.2	195.1	215.8	236.4	327709	7.05	W920X238	
102-1786	IZ®	188.8	70.3	38.2	42.4	46.7	2490.7	23.44	W40X149	E2
		10150.7	1786.2	186.5	207.2	227.8	340131.8	7.14	W1000X222	
103-1923	IZ®	191.5	75.7	98.8	102.7	106.6	1795.3	21.96	W14X550	E2
		10294.7	1923.2	482.2	501.4	520.6	245166.4	6.69	W360X818	
105-1792	IZ®	195.2	70.6	41.7	45.9	50.1	2544.9	23.18	W36X170	E2
		10497.3	1792.2	203.4	224	244.6	347532.7	7.06	W920X253	
105-1848	IZ®	195.6	72.8	54.9	59	63.1	2300.9	22.65	W27X258	E2
		10514.5	1848.2	268.1	288.1	308.1	314205.6	6.9	W690X384	
106-1886	IZ®	197.7	74.3	44.6	48.6	52.6	2518.6	23.96	W33X201	E2
		10630.4	1886.2	217.8	237.4	257	343941.8	7.3	W840X299	
107-1826	IZ®	198.5	71.9	63.4	67.6	71.7	2264.2	21.99	W24X306	E2
		10673.8	1826.2	309.6	329.9	350.1	309202.7	6.7	W610X455	

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109-1868	IZ®	202.2	73.6	50.5	54.6	58.6	2497.6	23.34	W30X235	E2
		10873.5	1868.2	246.8	266.6	286.3	341072.1	7.11	W760X350	
110-1793	IZ®	203.6	70.6	43.7	47.9	52.1	2704.2	23.21	W36X182	E2
		10947	1793.2	213.3	233.9	254.5	369286.4	7.07	W920X271	
112-1786	IZ®	207.9	70.3	41.2	45.5	49.7	2841.9	23.5	W40X167	E2
		11178.5	1786.2	201.4	222.1	242.8	388091.3	7.16	W1000X249	
112-1850	IZ®	208.1	72.8	58.8	62.9	67	2503.6	22.72	W27X281	E2
		11185.5	1850.2	286.9	306.9	326.9	341884.9	6.92	W690X419	
112-1928	IZ®	209	75.9	107.7	111.6	115.5	2029.5	22.09	W14X605	E2
		11234.2	1928.2	525.7	544.9	564	277148.5	6.73	W360X900	
114-1887	IZ®	211	74.3	47.8	51.8	55.8	2757	24.03	W33X221	E2
		11346.4	1887.2	233.5	253.1	272.6	376488.5	7.32	W840X329	
114-1794	IZ®	211.6	70.6	45.6	49.9	54.1	2858	23.24	W36X194	E2
		11375.5	1794.2	222.8	243.4	264	390279.2	7.08	W920X289	
114-1829	IZ®	212.2	72	68.2	72.4	76.5	2480.2	22.09	W24X335	E2
		11409.3	1829.2	333.1	353.3	373.6	338694.6	6.73	W610X498	
116-1871	IZ®	216.5	73.7	54.8	58.8	62.8	2745.6	23.41	W30X261	E2
		11639.9	1871.2	267.3	287.1	306.9	374940.5	7.13	W760X389	
119-1853	IZ®	220.9	73	62.8	66.9	71	2716.6	22.78	W27X307	E2
		11875.3	1853.2	306.8	326.7	346.7	370971.7	6.94	W690X457	
120-1795	IZ®	222.2	70.7	48.4	52.6	56.8	3066.7	23.27	W36X210	E2
		11946.9	1795.2	236.2	256.8	277.4	418788	7.09	W920X313	
120-1889	IZ®	224	74.4	51	55	59	2991	24.09	W33X241	E2
		12040.3	1889.2	249	268.6	288.1	408444.3	7.34	W840X359	
122-1786	IZ®	226	70.3	44	48.2	52.4	3180.3	23.57	W40X183	E2
		12147.9	1786.2	214.6	235.3	256	434301.2	7.18	W1000X272	
122-1934	IZ®	227.6	76.1	116.5	120.4	124.3	2294.7	22.26	W14X665	E2
		12236.5	1934.2	568.7	587.8	606.9	313362.8	6.78	W360X990	

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123-1833	IZ®	228.6	72.2	74	78.1	82.2	2746	22.19	W24X370	E2
		12290.4	1833.2	361.1	381.3	401.4	374997.4	6.76	W610X551	
123-1904	IZ®	229.4	75	48.7	52.7	56.7	3165.4	24.59	W36X230	E2
		12335.8	1904.2	238	257.4	276.8	432259.5	7.49	W920X342	
124-1886	IZ®	229.8	74.3	44.2	48.2	52.2	3273.7	24.82	W40X199	E2
		12356.8	1886.2	215.7	235.3	254.9	447047.8	7.56	W1000X296	
126-1873	IZ®	234.9	73.7	59.7	63.7	67.8	3065.2	23.47	W30X292	E2
		12628.6	1873.2	291.4	311.1	330.8	418583.8	7.15	W760X434	
127-1856	IZ®	236.2	73.1	67.5	71.6	75.7	2976.2	22.88	W27X336	E2
		12699.1	1856.2	329.6	349.5	369.4	406430.2	6.97	W690X500	
129-1905	IZ®	239.9	75	51.2	55.1	59.1	3363.5	24.62	W36X245	E2
		12898.2	1905.2	249.8	269.2	288.6	459320.1	7.5	W920X365	
129-1887	IZ®	240.4	74.3	54.6	58.6	62.7	3291.4	24.09	W33X263	E2
		12926.9	1887.2	266.7	286.3	305.9	449471.7	7.34	W840X392	
129-1794	IZ®	240.7	70.6	52	56.2	60.4	3420.7	23.31	W36X232	E2
		12940.8	1794.2	253.9	274.5	295.1	467124.8	7.1	W920X345	
132-1786	IZ®	246.3	70.3	48.7	53	57.2	3607.8	23.6	W40X211	E2
		13239.4	1786.2	237.9	258.6	279.3	492671.4	7.19	W1000X314	
133-1886	IZ®	247.2	74.3	46.9	50.9	54.9	3608	24.88	W40X215	E2
		13289.8	1886.2	229	248.6	268.2	492705.5	7.58	W1000X321	
134-1940	IZ®	249.1	76.4	126.1	130	133.9	2605.3	22.42	W14X730	E2
		13394.7	1940.2	615.5	634.6	653.6	355775.4	6.83	W360X1086	
135-1906	IZ®	250.2	75	53.5	57.5	61.4	3562.4	24.65	W36X260	E2
		13448.9	1906.2	261.2	280.6	300	486474	7.51	W920X387	
136-1858	IZ®	252.4	73.2	72.7	76.8	80.9	3257.3	22.95	W27X368	E2
		13571.2	1858.2	355	374.9	394.8	444817.9	6.99	W690X548	
136-1876	IZ®	253.4	73.9	65.1	69.1	73.1	3398.6	23.57	W30X326	E2
		13622	1876.2	317.7	337.4	357.1	464107	7.18	W760X484	

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138-1796	IZ®	256.7	70.7	56.1	60.4	64.6	3748.8	23.37	W36X256	E2
		13803.6	1796.2	274.1	294.7	315.3	511928.5	7.12	W920X381	
138-1890	IZ®	257.5	74.4	59.1	63.1	67.1	3614.9	24.19	W33X291	E2
		13842.7	1890.2	288.3	307.9	327.4	493647.3	7.37	W840X433	
142-1788	IZ®	263.3	70.4	52.7	56.9	61.2	3972.9	23.67	W40X235	E2
		14158	1788.2	257.4	278	298.7	542532.8	7.21	W1000X350	
142-1908	IZ®	264.4	75.1	56.7	60.7	64.7	3843.1	24.72	W36X280	E2
		14216.1	1908.2	277	296.3	315.7	524809	7.53	W920X417	
143-1957	IZ®	266.2	77.1	137.3	141.2	145	2850	22.59	W14X808	E2
		14309.8	1957.2	670.3	689.2	708.1	389197	6.88	W360X1202	
146-1879	IZ®	271.1	74	70	74	78.1	3725.5	23.67	W30X357	E2
		14577.8	1879.2	341.8	361.5	381.2	508753.7	7.21	W760X531	
146-1886	IZ®	271.5	74.3	52.4	56.4	60.4	4118	24.91	W40X249	E2
		14595.2	1886.2	255.6	275.2	294.8	562356.2	7.59	W1000X371	
147-1892	IZ®	274.3	74.5	63.3	67.3	71.3	3937.9	24.26	W33X318	E2
		14745	1892.2	309.2	328.7	348.3	537760.7	7.39	W840X473	
149-1909	IZ®	277.2	75.2	59.9	63.9	67.8	4097.5	24.75	W36X300	E2
		14905	1909.2	292.4	311.8	331.2	559544.6	7.54	W920X446	
151-1886	IZ®	279.9	74.3	49.3	53.3	57.3	4501	25.51	W44X230	E2
		15049.9	1886.2	240.7	260.3	279.9	614648.8	7.77	W1100X343	
151-1789	IZ®	280.9	70.4	57.6	61.9	66.1	4367.3	23.73	W40X264	E2
		15100.5	1789.2	281.4	302	322.7	596400.2	7.23	W1000X393	
156-1882	IZ®	289.7	74.1	75.5	79.6	83.6	4075.7	23.73	W30X391	E2
		15575.2	1882.2	368.8	388.4	408.1	556570.6	7.23	W760X582	
156-1790	IZ®	289.7	70.5	60.1	64.3	68.6	4568.4	23.73	W40X278	E2
		15577.7	1790.2	293.5	314.1	334.8	623859.2	7.23	W1000X415	
156-1888	IZ®	290.8	74.3	56.7	60.7	64.8	4532.1	24.98	W40X277	E2
		15632.4	1888.2	277	296.6	316.1	618898	7.61	W1000X412	

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159-1895	IZ®	295.5	74.6	69	73	77	4358	24.32	W33X354	E2
		15889.6	1895.2	336.9	356.4	375.9	595128.4	7.41	W840X527	
159-1908	IZ®	295.9	75.1	64.3	68.3	72.2	4475.2	24.78	W36X328	E2
		15906.7	1908.2	314	333.4	352.7	611131.1	7.55	W920X488	
162-1888	IZ®	301.3	74.3	60.1	64.1	68.1	4775.1	24.98	W40X297	E2
		16197.1	1888.2	293.2	312.8	332.4	652083.4	7.61	W1000X443	
165-1886	IZ®	307.4	74.3	54.5	58.5	62.5	5121	25.57	W44X262	E2
		16526.1	1886.2	266.1	285.6	305.2	699322.4	7.79	W1100X390	
169-1911	IZ®	314.4	75.2	69.1	73.1	77	4861.1	24.85	W36X359	E2
		16905.5	1911.2	337.3	356.7	376	663826.1	7.57	W920X534	
169-1897	IZ®	315	74.7	74.3	78.3	82.2	4754.2	24.42	W33X387	E2
		16936.8	1897.2	362.6	382.1	401.5	649225.4	7.44	W840X576	
173-1890	IZ®	321.3	74.4	64.3	68.3	72.3	5207.6	25.08	W40X324	E2
		17273.9	1890.2	314.1	333.6	353.2	711141.8	7.64	W1000X483	
174-1794	IZ®	323.5	70.6	68.1	72.3	76.6	5323.7	23.86	W40X327	E2
		17394.8	1794.2	332.6	353.2	373.8	727001.3	7.27	W1000X486	
175-1795	IZ®	325.2	70.7	69	73.2	77.4	5365.6	23.9	W40X331	E2
		17483.2	1795.2	336.8	357.4	378	732718	7.28	W1000X494	
177-1888	IZ®	329.1	74.3	59.1	63.1	67.1	5633.3	25.64	W44X290	E2
		17691.9	1888.2	288.6	308.2	327.8	769271.9	7.81	W1100X433	
181-1913	IZ®	335.8	75.3	74.6	78.5	82.5	5315.1	24.95	W36X393	E2
		18055.2	1913.2	364.1	383.4	402.7	725826.4	7.6	W920X585	
183-1873	IZ®	339.6	73.7	99.7	103.7	107.8	4874.6	23.41	W27X539	E2
		18257.9	1873.2	486.7	506.4	526.1	665668.9	7.13	W690X802	
186-1893	IZ®	345.3	74.5	70.3	74.3	78.3	5751.2	25.14	W40X362	E2
		18563.3	1893.2	343.4	363	382.5	785383.1	7.66	W1000X539	
189-1894	IZ®	350.6	74.6	71.9	75.9	79.9	5875.2	25.18	W40X372	E2
		18847.3	1894.2	351.1	370.6	390.2	802308.9	7.67	W1000X554	

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192-1891	IZ®	356.6	74.5	65.9	69.9	73.9	6311	25.7	W44X335	E2
		19170	1891.2	321.8	341.3	360.9	861817.2	7.83	W1100X499	
196-1917	IZ®	364.3	75.5	81.6	85.6	89.5	5922.9	25.05	W36X439	E2
		19585.9	1917.2	398.5	417.8	437.1	808829	7.63	W920X653	
198-1800	IZ®	367.4	70.9	79.1	83.3	87.5	6339.5	24.06	W40X392	E2
		19751.5	1800.2	386	406.6	427.1	865720.8	7.33	W1000X584	
198-1895	IZ®	369.1	74.6	75.9	79.9	83.9	6292.7	25.21	W40X397	E2
		19844.5	1895.2	370.4	389.9	409.4	859326.2	7.68	W1000X591	
210-1898	IZ®	390.3	74.7	81.3	85.2	89.2	6784.2	25.31	W40X431	E2
		20983.9	1898.2	396.7	416.2	435.7	926444.9	7.71	W1000X642	
225-1923	IZ®	419	75.7	95.2	99.2	103.1	7134.6	25.24	W36X527	E2
		22526.8	1923.2	465	484.2	503.5	974294.4	7.69	W920X784	
236-1903	IZ®	438.8	74.9	92.6	96.6	100.6	7929.9	25.47	W40X503	E2
		23591.5	1903.2	452.2	471.6	491	1082892.7	7.76	W1000X748	
266-1932	IZ®	494.6	76.1	114.1	118	121.9	8884.8	25.51	W36X650	E2
		26589.9	1932.2	557.1	576.2	595.4	1213302.7	7.77	W920X967	
269-1910	IZ®	500	75.2	107	111	114.9	9421.1	25.67	W40X593	E2
		26883.6	1910.2	522.4	541.8	561.1	1286540.1	7.82	W1000X883	
316-1943	IZ®	588	76.5	136.6	140.5	144.4	11157.2	25.83	W36X798	E2
		31610.7	1943.2	667.1	686.1	705.1	1523621.3	7.87	W920X1188	

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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)	
36-1785	IZ®	66.3	70.3	23.5	29.4	35.2	517.1	19.17	W18X35	E3
		3563.3	1784.6	114.9	143.4	171.9	70614.9	5.84	W460X52	
37-1786	IZ®	68.2	70.3	24.4	30.2	36.1	535.1	19.24	W18X40	E3
		3667.1	1785.6	119	147.5	176	73078.7	5.86	W460X60	
38-1787	IZ®	70	70.3	25.4	31.2	37.1	552.4	19.27	W18X46	E3
		3762.6	1786.6	123.9	152.4	180.9	75437.3	5.87	W460X68	
38-1823	IZ®	70.4	71.8	25.5	31.2	37	556.4	19.73	W18X50	E3
		3784.5	1822.6	124.6	152.6	180.5	75981.2	6.01	W460X74	
38-1798	IZ®	71.3	70.8	24.9	30.7	36.5	580.9	19.83	W21X44	E3
		3831.9	1797.6	121.6	149.9	178.3	79320.7	6.04	W530X66	
39-1840	IZ®	71.8	72.4	25	30.7	36.3	587.4	20.39	W21X48	E3
		3858.5	1839.6	122	149.7	177.4	80215.4	6.21	W530X72	
39-1824	IZ®	72	71.8	26.4	32.1	37.9	572	19.73	W18X55	E3
		3870.7	1823.6	129	157	184.9	78113.9	6.01	W460X82	
40-1825	IZ®	73.6	71.8	27.2	32.9	38.6	587.6	19.76	W18X60	E3
		3957.3	1824.6	132.8	160.7	188.7	80244.9	6.02	W460X89	
40-1799	IZ®	73.8	70.8	25.9	31.7	37.5	606.8	19.86	W21X50	E3
		3965.8	1798.6	126.4	154.7	183	82859.3	6.05	W530X74	
40-1842	IZ®	74.9	72.5	26.2	31.8	37.5	619.8	20.42	W21X55	E3
		4028.3	1841.6	127.8	155.4	183.1	84642.9	6.22	W530X82	
40-1826	IZ®	75.1	71.9	28	33.7	39.4	602.9	19.8	W18X65	E3
		4040.2	1825.6	136.6	164.5	192.4	82325.5	6.03	W460X97	
41-1913	IZ®	76.6	75.3	28.5	33.9	39.4	617.4	20.91	W18X76	E3
		4120.3	1912.6	139	165.7	192.3	84307.5	6.37	W460X113	
41-1827	IZ®	76.9	71.9	29	34.7	40.4	620.2	19.83	W18X71	E3
		4132.2	1826.6	141.7	169.6	197.5	84698.8	6.04	W460X106	
41-1799	IZ®	77	70.8	27.1	32.9	38.7	640.8	19.9	W21X57	E3
		4139.8	1798.6	132.1	160.4	188.8	87501	6.06	W530X85	

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42-1842	IZ®	78.2	72.5	27.3	33	38.6	653.5	20.45	W21X62	E3
		4202.5	1841.6	133.3	161	188.6	89247.8	6.23	W530X92	
43-1811	IZ®	79.7	71.3	26.6	32.4	38.1	686.7	20.49	W24X55	E3
		4286.1	1810.6	129.9	158.1	186.2	93778.3	6.24	W610X82	
43-1915	IZ®	79.9	75.4	30	35.5	40.9	648.9	20.98	W18X86	E3
		4294.5	1914.6	146.7	173.3	199.9	88609.2	6.39	W460X128	
43-1843	IZ®	80.7	72.5	28.2	33.9	39.6	680.6	20.49	W21X68	E3
		4337.9	1842.6	137.9	165.6	193.2	92939	6.24	W530X101	
44-1844	IZ®	82.6	72.6	29.1	34.8	40.4	701.8	20.52	W21X73	E3
		4442.7	1843.6	142.1	169.7	197.4	95837.4	6.25	W530X109	
45-1812	IZ®	83.2	71.3	27.8	33.5	39.3	725.9	20.52	W24X62	E3
		4471.5	1811.6	135.5	163.6	191.7	99133.3	6.25	W610X92	
45-1916	IZ®	83.5	75.4	31.8	37.2	42.7	684.8	21.01	W18X97	E3
		4488.4	1915.6	155.2	181.8	208.4	93520	6.4	W460X144	
46-1861	IZ®	85.5	73.3	28	33.6	39.2	752.8	21.17	W24X68	E3
		4596.8	1860.6	136.6	164	191.3	102802	6.45	W610X101	
46-1917	IZ®	86.1	75.5	33.2	38.6	44.1	712.2	21.04	W18X106	E3
		4630.6	1916.6	162.1	188.7	215.2	97251.7	6.41	W460X158	
46-1845	IZ®	86.4	72.6	30.7	36.3	42	743.2	20.55	W21X83	E3
		4643.6	1844.6	149.7	177.3	204.9	101485.4	6.26	W530X123	
48-1861	IZ®	89.9	73.3	29.3	34.9	40.5	802.9	21.21	W24X76	E3
		4832.3	1860.6	142.9	170.3	197.7	109643.4	6.46	W610X113	
48-1847	IZ®	90.1	72.7	32.3	37.9	43.6	785.5	20.58	W21X93	E3
		4843.8	1846.6	157.6	185.2	212.8	107268.5	6.27	W530X138	
49-1919	IZ®	90.5	75.5	35.3	40.7	46.1	757.5	21.08	W18X119	E3
		4867.1	1918.6	172.1	198.7	225.2	103436.7	6.42	W460X177	
49-1945	IZ®	91.7	76.6	32	37.3	42.7	801.1	21.86	W21X101	E3
		4928.2	1944.6	156.1	182.3	208.5	109398.8	6.66	W530X150	

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51-1862	IZ®	94	73.3	30.5	36.2	41.8	851.4	21.24	W24X84	E3
		5056.3	1861.6	149.1	176.5	203.9	116268.8	6.47	W610X125	
51-1916	IZ®	94.8	75.4	37.1	42.5	48	802.8	21.11	W18X130	E3
		5097.2	1915.6	181	207.6	234.2	109631	6.43	W460X193	
51-1946	IZ®	95.2	76.6	33.5	38.9	44.3	841.2	21.9	W21X111	E3
		5120.6	1945.6	163.7	189.9	216.1	114870.2	6.67	W530X165	
53-2090	IZ®	97.9	82.3	41.4	46.4	51.4	813.2	23.11	HP18x181	E3
		5263	2089.8	202.1	226.4	250.8	111044.8	7.04	HP360x269	
53-1863	IZ®	98.9	73.3	32.3	37.9	43.5	911	21.27	W24X94	E3
		5319.7	1862.6	157.5	184.9	212.2	124405.5	6.48	W610X140	
53-1918	IZ®	99.2	75.5	39	44.5	49.9	850.4	21.14	W18X143	E3
		5335.9	1917.6	190.6	217.2	243.8	116124.8	6.44	W460X213	
54-1948	IZ®	99.4	76.7	35.1	40.5	45.9	889.2	21.93	W21X122	E3
		5346.5	1947.6	171.6	197.7	223.9	121430.7	6.68	W530X182	
54-1886	IZ®	100.4	74.2	30.2	35.8	41.3	952.2	21.96	W27X84	E3
		5395.4	1885.6	147.7	174.7	201.7	130030.3	6.69	W690X125	
54-1957	IZ®	100.5	77	32.3	37.6	42.9	931.5	22.45	W24X104	E3
		5403.1	1956.6	157.6	183.6	209.6	127207.5	6.84	W610X155	
56-1949	IZ®	103.3	76.7	36.7	42	47.4	933	21.96	W21X132	E3
		5554.9	1948.6	179.2	205.3	231.4	127415.8	6.69	W530X196	
56-1862	IZ®	103.8	73.3	33.7	39.3	44.9	969.4	21.27	W24X103	E3
		5579	1861.6	164.3	191.7	219.1	132380.2	6.48	W610X153	
56-1920	IZ®	103.9	75.6	41.4	46.8	52.2	902	21.21	W18X158	E3
		5588.4	1919.6	201.9	228.4	255	123174.3	6.46	W460X235	
56-2093	IZ®	104.4	82.4	44.8	49.8	54.8	881.4	23.18	HP18x204	E3
		5612.8	2093	218.7	243	267.4	120360	7.06	HP460x304	
57-1958	IZ®	106.6	77.1	34.2	39.6	44.9	1005.4	22.49	W24X117	E3
		5732	1957.6	167.1	193.1	219.1	137296.9	6.85	W610X174	

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57-1887	IZ®	106.7	74.3	31.8	37.3	42.8	1032	22.03	W27X94	E3
		5738.6	1886.6	155.1	182.1	209.1	140926.2	6.71	W690X140	
59-1951	IZ®	109.1	76.8	39	44.4	49.7	1001.2	22.03	W21X147	E3
		5866.4	1950.6	190.6	216.8	242.9	136717.4	6.71	W530X219	
59-1922	IZ®	110	75.7	44	49.4	54.8	969.9	21.27	W18X175	E3
		5915.4	1921.6	214.8	241.3	267.8	132444.3	6.48	W460X260	
60-1897	IZ®	111.9	74.7	30.9	36.4	41.9	1124.8	22.59	W30X90	E3
		6015.1	1896.6	151	177.8	204.7	153603.3	6.88	W760X134	
60-1887	IZ®	111.9	74.3	33.1	38.7	44.2	1098.6	22.06	W27X102	E3
		6018	1886.6	161.7	188.7	215.7	150028.1	6.72	W690X152	
61-1960	IZ®	113.2	77.1	36.4	41.7	47.1	1087.3	22.55	W24X131	E3
		6084	1959.6	177.7	203.7	229.7	148482.5	6.87	W610X195	
63-1898	IZ®	117	74.7	32.4	37.9	43.4	1198.1	22.62	W30X99	E3
		6289.9	1897.6	158.3	185.2	212	163608.6	6.89	W760X147	
64-1889	IZ®	118.2	74.4	35	40.5	46	1182.3	22.09	W27X114	E3
		6352.7	1888.6	170.7	197.7	224.7	161455.5	6.73	W690X170	
64-1948	IZ®	118.6	76.7	42.1	47.4	52.8	1113	22.03	W21X166	E3
		6375.3	1947.6	205.4	231.6	257.8	151988.8	6.71	W530X248	
65-1961	IZ®	121.1	77.2	38.7	44	49.3	1184.9	22.62	W24X146	E3
		6509.9	1960.6	188.9	214.8	240.8	161806.1	6.89	W610X217	
66-1899	IZ®	123.5	74.7	33.8	39.3	44.8	1287.7	22.65	W30X108	E3
		6640.1	1898.6	165.3	192.1	218.9	175842.8	6.9	W760X161	
67-1951	IZ®	124.7	76.8	44.6	49.9	55.3	1188.6	22.09	W21X182	E3
		6703.8	1950.6	217.6	243.7	269.8	162317.7	6.73	W530X272	
69-1887	IZ®	127.5	74.3	37.4	42.9	48.4	1308.7	22.13	W27X129	E3
		6856.7	1886.6	182.5	209.5	236.6	178708.4	6.74	W690X192	
69-1962	IZ®	128.6	77.2	41.2	46.5	51.8	1283.7	22.65	W24X162	E3
		6916	1961.6	201.2	227.1	253.1	175296.2	6.9	W610X241	

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70-1900	IZ®	129.5	74.8	35.2	40.7	46.2	1371.8	22.68	W30X116	E3
		6964.8	1899.6	171.8	198.6	225.4	187336.8	6.91	W760X173	
71-1952	IZ®	132.4	76.8	47.5	52.9	58.2	1286	22.16	W21X201	E3
		7119.8	1951.6	232	258.1	284.2	175612.1	6.75	W530X300	
72-1988	IZ®	133.3	78.3	38.2	43.5	48.7	1385.8	23.41	W27X146	E3
		7164.9	1987.6	186.7	212.3	238	189238.4	7.13	W690X217	
73-1900	IZ®	135.3	74.8	36.4	41.9	47.4	1451.8	22.72	W30X124	E3
		7272.3	1899.6	177.6	204.4	231.2	198257.5	6.92	W760X185	
73-1960	IZ®	135.7	77.1	43.3	48.6	53.9	1375.5	22.65	W24X176	E3
		7297.1	1959.6	211.4	237.4	263.4	187840.8	6.9	W610X262	
75-2051	IZ®	139.9	80.7	70.3	75.4	80.5	1192.5	22.49	W14X370	E3
		7522	2050.6	343.3	368.1	393	162846.8	6.85	W360X551	
75-1901	IZ®	140.3	74.8	37.7	43.2	48.7	1528	22.75	W30X132	E3
		7545	1900.6	184.1	210.9	237.7	208664.8	6.93	W760X196	
76-1989	IZ®	141.1	78.3	40.6	45.8	51.1	1497	23.44	W27X161	E3
		7588.3	1988.6	198	223.7	249.3	204432	7.14	W690X240	
76-1925	IZ®	141.7	75.8	35	40.4	45.8	1587.5	23.5	W33X118	E3
		7619.9	1924.6	170.8	197.3	223.7	216784.1	7.16	W840X176	
77-1962	IZ®	142.6	77.2	45.7	51	56.4	1469.2	22.72	W24X192	E3
		7665	1961.6	223.2	249.2	275.1	200634.1	6.92	W610X285	
79-2054	IZ®	147	80.9	74.4	79.4	84.5	1276	22.55	W14X398	E3
		7901.4	2053.6	363	387.8	412.6	174250.9	6.87	W360X592	
80-1991	IZ®	149.3	78.4	43.1	48.3	53.6	1614.4	23.5	W27X178	E3
		8028.7	1990.6	210.5	236.1	261.7	220463.7	7.16	W690X265	
81-1963	IZ®	149.7	77.3	48.1	53.4	58.7	1567.2	22.75	W24X207	E3
		8049	1962.6	234.7	260.6	286.6	214019.3	6.93	W610X307	
81-1925	IZ®	151.4	75.8	36.9	42.3	47.7	1733.9	23.54	W33X130	E3
		8138.9	1924.6	180.2	206.6	233.1	236783.2	7.17	W840X193	

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82-1899	IZ®	152	74.7	40.3	45.8	51.3	1699.3	22.78	W30X148	E3
		8170.3	1898.6	196.7	223.5	250.4	232054.3	6.94	W760X220	
83-2057	IZ®	154.7	81	78.4	83.5	88.5	1366.5	22.65	W14X426	E3
		8319.8	2056.6	382.7	407.5	432.3	186614	6.9	W360X634	
86-1966	IZ®	159.4	77.4	51.4	56.7	62	1704.5	22.85	W24X229	E3
		8571.8	1965.6	251.1	277	302.9	232757.8	6.96	W610X341	
86-1989	IZ®	159.6	78.3	45.6	50.8	56.1	1759.7	23.5	W27X194	E3
		8578.7	1988.6	222.5	248.1	273.8	240300.5	7.16	W690X289	
86-1926	IZ®	160.1	75.8	38.6	44.1	49.5	1871.4	23.57	W33X141	E3
		8608.7	1925.6	188.6	215.1	241.5	255558	7.18	W840X210	
87-2061	IZ®	161.8	81.1	82.5	87.6	92.7	1453	22.75	W14X455	E3
		8696.5	2060.6	402.9	427.7	452.4	198419.5	6.93	W360X677	
87-2014	IZ®	161.9	79.3	41.8	47	52.2	1849.7	24.26	W30X173	E3
		8702.2	2013.6	204.2	229.5	254.8	252588.3	7.39	W760X257	
88-1937	IZ®	164.4	76.2	37.4	42.8	48.2	1985.6	24.09	W36X135	E3
		8837.3	1936.6	182.7	209	235.3	271146.8	7.34	W920X201	
91-1927	IZ®	168.3	75.9	40.4	45.8	51.2	2003.5	23.64	W33X152	E3
		9048.6	1926.6	197.1	223.5	250	273590.5	7.2	W840X226	
91-1968	IZ®	169.3	77.5	54.6	59.9	65.2	1845.9	22.91	W24X250	E3
		9104.6	1967.6	266.8	292.7	318.6	252075.8	6.98	W610X372	
92-1992	IZ®	171.4	78.4	49.1	54.3	59.5	1936.7	23.6	W27X217	E3
		9217	1991.6	239.5	265.1	290.7	264473.4	7.19	W690X323	
93-2015	IZ®	172.3	79.3	44.5	49.7	54.9	2012.3	24.29	W30X191	E3
		9264.9	2014.6	217.3	242.6	267.9	274800.5	7.4	W760X284	
94-2065	IZ®	174.3	81.3	89	94	99.1	1610	22.85	W14X500	E3
		9369.9	2064.6	434.5	459.2	483.8	219854	6.96	W360X744	
96-1937	IZ®	178.1	76.2	39.8	45.2	50.6	2212.2	24.16	W36X150	E3
		9573	1936.6	194.4	220.8	247.1	302101.8	7.36	W920X223	

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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)	
97-1993	IZ®	180.1	78.4	51.9	57.1	62.3	2070.8	23.64	W27X235	E3
		9683.2	1992.6	253.2	278.8	304.3	282784	7.2	W690X350	
97-1925	IZ®	181.2	75.8	42.9	48.3	53.8	2212.4	23.64	W33X169	E3
		9743.3	1924.6	209.5	236	262.5	302119.2	7.2	W840X251	
98-1971	IZ®	181.9	77.6	59	64.3	69.6	2031.2	22.98	W24X279	E3
		9777.7	1970.6	288.3	314.1	340	277375.4	7	W610X415	
99-2017	IZ®	183.7	79.4	47.5	52.7	57.8	2194.1	24.36	W30X211	E3
		9875.3	2016.6	231.9	257.2	282.4	299620	7.42	W760X314	
100-1938	IZ®	185.6	76.3	41.4	46.8	52.2	2344.4	24.19	W36X160	E3
		9980.4	1937.6	202	228.3	254.6	320145.6	7.37	W920X238	
101-1933	IZ®	187.7	76.1	39.7	45.1	50.5	2430.4	24.49	W40X149	E3
		10092.3	1932.6	194	220.4	246.8	331891.3	7.46	W1000X222	
101-2070	IZ®	188.3	81.5	95.9	101	106	1792.1	23.01	W14X550	E3
		10124.8	2069.6	468.3	492.9	517.6	244720.9	7.01	W360X818	
103-1995	IZ®	191.8	78.5	55.2	60.4	65.7	2251.4	23.7	W27X258	E3
		10311.9	1994.6	269.5	295	320.6	307452.7	7.22	W690X384	
104-1939	IZ®	193.3	76.3	42.9	48.3	53.7	2479.8	24.23	W36X170	E3
		10394.6	1938.6	209.6	235.9	262.2	338637.7	7.38	W920X253	
104-1973	IZ®	194.2	77.7	63.1	68.4	73.6	2216.9	23.04	W24X306	E3
		10440	1972.6	307.9	333.7	359.6	302733.8	7.02	W610X455	
105-2033	IZ®	195.2	80	45.6	50.8	55.9	2457	25.01	W33X201	E3
		10496.7	2032.6	222.7	247.8	272.9	335524.4	7.62	W840X299	
107-2015	IZ®	198.8	79.3	51.1	56.3	61.5	2435.5	24.39	W30X235	E3
		10686	2014.6	249.7	274.9	300.2	332591.9	7.43	W760X350	
108-1940	IZ®	201.5	76.4	44.8	50.2	55.6	2628.6	24.26	W36X182	E3
		10831.7	1939.6	218.8	245.1	271.4	358964.9	7.39	W920X271	
110-1997	IZ®	203.6	78.6	58.8	64	69.2	2439.7	23.77	W27X281	E3
		10948.5	1996.6	286.9	312.4	337.9	333161.7	7.24	W690X419	

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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)	
110-2075	IZ®	204.4	81.7	104.2	109.2	114.3	2007.2	23.14	W14X605	E3
		10987.3	2074.6	508.8	533.4	557.9	274107.1	7.05	W360X900	
111-1933	IZ®	206.3	76.1	42.6	48	53.4	2758.4	24.55	W40X167	E3
		11092.1	1932.6	207.8	234.2	260.6	376689.8	7.48	W1000X249	
111-1976	IZ®	207.1	77.8	67.5	72.8	78.1	2416.9	23.14	W24X335	E3
		11133	1975.6	329.7	355.5	381.3	330053.9	7.05	W610X498	
112-2034	IZ®	208.1	80.1	48.6	53.7	58.9	2679.9	25.08	W33X221	E3
		11187.1	2033.6	237.3	262.3	287.4	365958.4	7.64	W840X329	
113-1941	IZ®	209.2	76.4	46.6	52	57.4	2772.4	24.29	W36X194	E3
		11247.9	1940.6	227.6	253.9	280.1	378601.9	7.4	W920X289	
114-2018	IZ®	212.4	79.4	55	60.2	65.4	2666.9	24.46	W30X261	E3
		11419.5	2017.6	268.7	294	319.2	364184.6	7.45	W760X389	
116-2000	IZ®	215.8	78.7	62.5	67.8	73	2637.8	23.83	W27X307	E3
		11603.2	1999.6	305.3	330.8	356.3	360221.2	7.26	W690X457	
118-1942	IZ®	219.5	76.4	49.2	54.5	59.9	2967.9	24.32	W36X210	E3
		11802.1	1941.6	240	266.3	292.5	405298.5	7.41	W920X313	
119-2036	IZ®	220.5	80.1	51.6	56.7	61.8	2898.9	25.14	W33X241	E3
		11855.2	2035.6	251.7	276.7	301.8	395876.9	7.66	W840X359	
119-2081	IZ®	221.5	81.9	112.4	117.4	122.4	2251.6	23.31	W14X665	E3
		11911	2080.6	548.9	573.3	597.8	307473	7.1	W360X990	
120-1980	IZ®	222.5	77.9	72.8	78.1	83.4	2663.7	23.24	W24X370	E3
		11964.2	1979.6	355.6	381.3	407.1	363746.2	7.08	W610X551	
120-1933	IZ®	223.8	76.1	45.1	50.5	55.9	3074.9	24.62	W40X183	E3
		12034.8	1932.6	220	246.4	272.8	419901.1	7.5	W1000X272	
122-2051	IZ®	226.5	80.7	49.5	54.5	59.6	3064.8	25.64	W36X230	E3
		12179.1	2050.6	241.4	266.3	291.1	418528.2	7.81	W920X342	
123-2033	IZ®	228	80	45.2	50.4	55.5	3168.4	25.87	W40X199	E3
		12256.7	2032.6	220.8	245.9	270.9	432667.6	7.88	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)	
124-2020	IZ®	230	79.5	59.6	64.8	69.9	2965.2	24.52	W30X292	E3
		12363.5	2019.6	291	316.2	341.5	404930.6	7.47	W760X434	
124-2003	IZ®	230.4	78.8	66.9	72.1	77.3	2879.7	23.93	W27X336	E3
		12385.4	2002.6	326.4	351.9	377.3	393250.4	7.29	W690X500	
127-2034	IZ®	236.4	80.1	54.9	60.1	65.2	3180.2	25.14	W33X263	E3
		12707.4	2033.6	268.2	293.2	318.3	434280.4	7.66	W840X392	
127-2052	IZ®	236.6	80.8	51.7	56.8	61.9	3250.9	25.67	W36X245	E3
		12722.1	2051.6	252.4	277.3	302.1	443936.9	7.82	W920X365	
128-1941	IZ®	237.4	76.4	52.5	57.9	63.3	3299.1	24.36	W36X232	E3
		12762.8	1940.6	256.3	282.6	308.8	450525.5	7.42	W920X345	
130-2087	IZ®	241.5	82.1	121.3	126.3	131.3	2538.7	23.47	W14X730	E3
		12983.4	2086.6	592.4	616.8	641.3	346684.3	7.15	W360X1086	
131-1933	IZ®	243.7	76.1	49.5	54.9	60.3	3476.3	24.65	W40X211	E3
		13101	1932.6	241.6	267.9	294.3	474721.3	7.51	W1000X314	
132-2033	IZ®	244.9	80	47.8	52.9	58	3482.4	25.93	W40X215	E3
		13164	2032.6	233.2	258.2	283.3	475556	7.9	W1000X321	
132-2005	IZ®	245.8	78.9	71.7	76.9	82.1	3141.8	24	W27X368	E3
		13213.2	2004.6	350	375.4	400.8	429045.4	7.31	W690X548	
133-2053	IZ®	246.5	80.8	53.9	59	64	3437.8	25.7	W36X260	E3
		13254.3	2052.6	263	287.8	312.6	469455.8	7.83	W920X387	
133-2023	IZ®	247.6	79.6	64.6	69.8	74.9	3277	24.62	W30X326	E3
		13312.2	2022.6	315.4	340.6	365.8	447504	7.5	W760X484	
136-2037	IZ®	252.7	80.2	59	64.2	69.3	3483.7	25.24	W33X291	E3
		13587.7	2036.6	288.2	313.2	338.2	475728.2	7.69	W840X433	
136-1943	IZ®	252.9	76.5	56.3	61.7	67.1	3607.1	24.42	W36X256	E3
		13597	1942.6	275.1	301.3	327.5	492576.1	7.44	W920X381	
138-2104	IZ®	257.4	82.8	131.8	136.8	141.7	2766.1	23.64	W14X808	E3
		13837.8	2103.6	643.6	667.8	692	377732.2	7.2	W360X1202	

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140-2055	IZ®	260.3	80.9	56.9	61.9	67	3701.8	25.77	W36X280	E3
		13995	2054.6	277.7	302.4	327.2	505507.2	7.85	W920X417	
140-1935	IZ®	260.3	76.2	53.2	58.6	64	3819.7	24.72	W40X235	E3
		13995	1934.6	259.6	285.9	312.2	521615.5	7.53	W1000X350	
142-2026	IZ®	264.6	79.7	69.2	74.3	79.5	3583.1	24.72	W30X357	E3
		14224.7	2025.6	337.8	363	388.1	489300.8	7.53	W760X531	
144-2033	IZ®	268.5	80	52.8	57.9	63.1	3963	25.96	W40X249	E3
		14433.4	2032.6	257.9	282.9	308	541184.3	7.91	W1000X371	
145-2039	IZ®	268.8	80.3	63	68.1	73.2	3786.9	25.31	W33X318	E3
		14453.5	2038.6	307.6	332.5	357.5	517136.3	7.71	W840X473	
147-2056	IZ®	272.6	80.9	59.8	64.9	70	3941	25.8	W36X300	E3
		14657.6	2055.6	292	316.8	341.6	538177.6	7.86	W920X446	
149-1936	IZ®	277.3	76.2	57.7	63.1	68.5	4191.4	24.78	W40X264	E3
		14909.6	1935.6	281.7	308.1	334.4	572379.1	7.55	W1000X393	
150-2033	IZ®	278.6	80	50	55.1	60.2	4331.9	26.56	W44X230	E3
		14981.1	2032.6	244	269	294.1	591554	8.09	W1100X343	
152-2029	IZ®	282.3	79.9	74.3	79.5	84.6	3911.2	24.78	W30X391	E3
		15176	2028.6	362.9	388	413.1	534110.1	7.55	W760X582	
154-1937	IZ®	285.9	76.2	60	65.4	70.8	4381	24.78	W40X278	E3
		15371.2	1936.6	292.9	319.3	345.6	598270.4	7.55	W1000X415	
154-2035	IZ®	287.2	80.1	56.9	62	67.1	4353.6	26.03	W40X277	E3
		15438.8	2034.6	277.7	302.7	327.8	594518.4	7.93	W1000X412	
156-2042	IZ®	289.2	80.4	68.3	73.4	78.5	4181.6	25.37	W33X354	E3
		15550.3	2041.6	333.2	358.2	383.2	571036.8	7.73	W840X527	
156-2055	IZ®	290.6	80.9	63.9	69	74.1	4296.3	25.83	W36X328	E3
		15621	2054.6	312	336.8	361.6	586695.9	7.87	W920X488	
160-2035	IZ®	297.3	80.1	60	65.1	70.2	4583.4	26.03	W40X297	E3
		15984.4	2034.6	292.7	317.8	342.8	625898.8	7.93	W1000X443	

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164-2033	IZ®	305.4	80	54.8	59.9	65.1	4918	26.62	W44X262	E3
		16419.4	2032.6	267.5	292.6	317.7	671599.9	8.11	W1100X390	
166-2044	IZ®	307.9	80.5	73.1	78.3	83.4	4554.1	25.47	W33X387	E3
		16553.2	2043.6	357.1	382.1	407	621902.7	7.76	W840X576	
166-2058	IZ®	308.4	81	68.3	73.4	78.5	4659.8	25.9	W36X359	E3
		16580	2057.6	333.7	358.5	383.2	636337.2	7.89	W920X534	
170-2037	IZ®	316.6	80.2	63.9	69	74.2	4991.2	26.13	W40X324	E3
		17022.8	2036.6	312.1	337.1	362.1	681590.7	7.96	W1000X483	
171-1941	IZ®	318.5	76.4	67.4	72.8	78.2	5092.5	24.91	W40X327	E3
		17124.1	1940.6	329.2	355.4	381.7	695429.9	7.59	W1000X486	
172-1942	IZ®	320.1	76.4	68.2	73.6	79	5132.3	24.95	W40X331	E3
		17208.1	1941.6	333	359.3	385.5	700860.1	7.6	W1000X494	
176-2035	IZ®	326.5	80.1	59.1	64.2	69.3	5403.1	26.69	W44X290	E3
		17551.7	2034.6	288.5	313.5	338.6	737844.1	8.13	W1100X433	
177-2020	IZ®	328.6	79.5	96.7	101.9	107	4654.7	24.46	W27X539	E3
		17665.2	2019.6	472.1	497.4	522.6	635639.7	7.45	W690X802	
177-2060	IZ®	328.9	81.1	73.4	78.5	83.6	5087.6	26	W36X393	E3
		17682.5	2059.6	358.5	383.3	408	694756	7.92	W920X585	
183-2040	IZ®	339.7	80.3	69.5	74.6	79.7	5504.7	26.19	W40X362	E3
		18263.5	2039.6	339.3	364.3	389.3	751720.7	7.98	W1000X539	
185-2041	IZ®	344.8	80.3	71	76.1	81.2	5622	26.23	W40X372	E3
		18535.9	2040.6	346.5	371.5	396.4	767734.5	7.99	W1000X554	
190-2038	IZ®	353	80.2	65.4	70.5	75.6	6045.8	26.75	W44X335	E3
		18980.3	2037.6	319.3	344.3	369.3	825611.3	8.15	W1100X499	
192-2064	IZ®	356.1	81.2	80	85	90.1	5660.3	26.1	W36X439	E3
		19147.1	2063.6	390.6	415.2	439.9	772965.1	7.95	W920X653	
194-1947	IZ®	360.6	76.6	77.5	82.9	88.3	6050.2	25.11	W40X392	E3
		19387.1	1946.6	378.5	404.7	430.9	826207.9	7.65	W1000X584	

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		in ³ /ft (cm ³ /m)	in (mm)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	in ⁴ /ft (cm ⁴ /m)	ft ² /ft (m ² /m)	in (mm)	
195-2042	IZ [®]	362.6	80.4	74.6	79.7	84.9	6015.8	26.26	W40X397	E3
		19493.7	2041.6	364.4	389.3	414.3	821512.7	8	W1000X591	
206-2045	IZ [®]	382.9	80.5	79.6	84.7	89.8	6480	26.36	W40X431	E3
		20584.1	2044.6	388.8	413.7	438.7	884905.6	8.03	W1000X642	
220-2070	IZ [®]	408.4	81.5	92.7	97.7	102.7	6802.4	26.29	W36X527	E3
		21956.2	2069.6	452.4	477	501.6	928930.5	8.01	W920X784	
231-2050	IZ [®]	429.3	80.7	90.2	95.3	100.4	7561.5	26.52	W40X503	E3
		23078	2049.6	440.3	465.2	490.1	1032592.9	8.08	W1000X748	
258-2079	IZ [®]	480.4	81.8	110.2	115.2	120.2	8452.8	26.56	W36X650	E3
		25827.7	2078.6	538.1	562.6	587.1	1154303.6	8.09	W920X967	
262-2057	IZ [®]	487.6	81	103.6	108.6	113.7	8969.1	26.72	W40X593	E3
		26217.5	2056.6	505.6	530.4	555.2	1224813.9	8.14	W1000X883	
306-2090	IZ [®]	569.2	82.3	131.2	136.2	141.2	10595.9	26.88	W36X798	E3
		30604.1	2089.6	640.4	664.8	689.2	1446969.6	8.19	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						

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