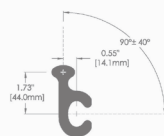


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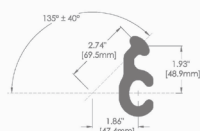
PilePro® Sheet Pile Connectors



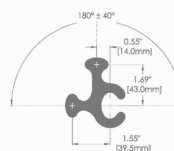
PZ 90



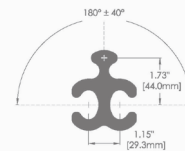
Colt



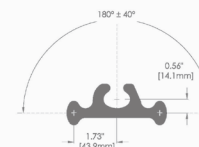
Cobra



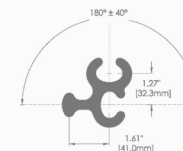
PZ Tee



Joker



Bullhead



PZT-S

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



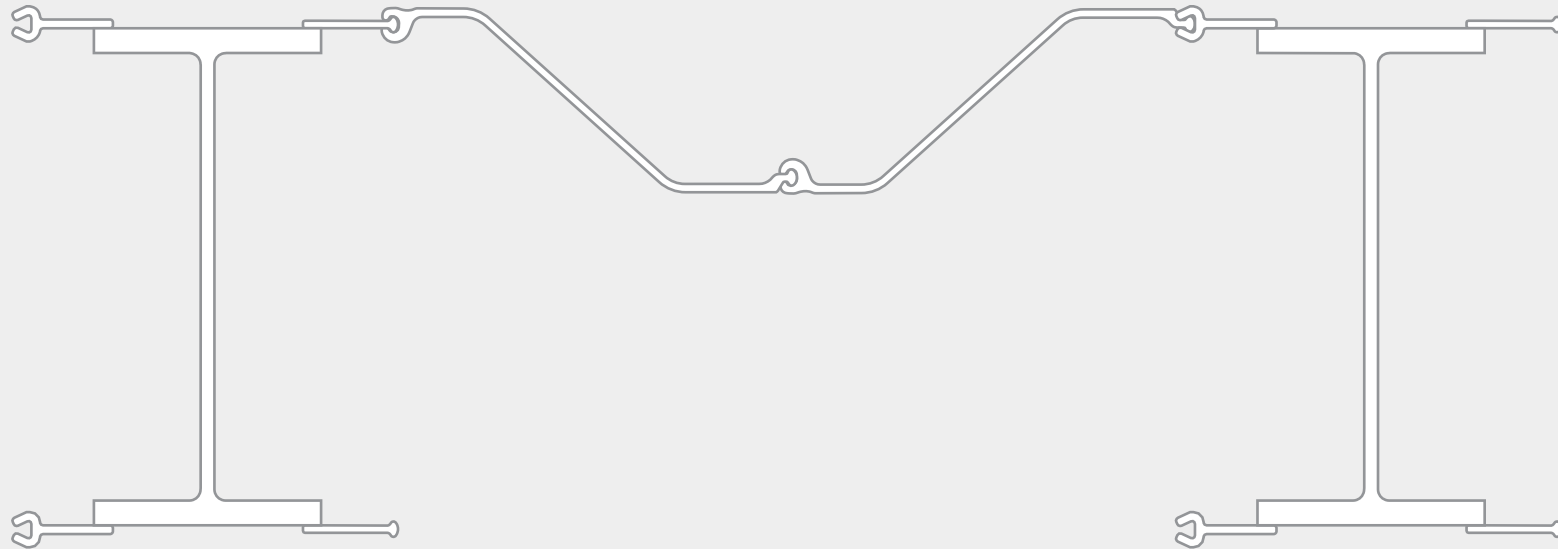
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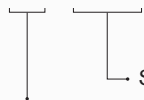


Configuration C



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)	
27-1838	IZ®	50.5	72.3	23.5	28.4	33.3	334.2	20.2	W14X53	C1
		2713.2	1837.6	114.8	138.7	162.6	45638.7	6.16	W360X79	
28-1773	IZ®	51.3	69.8	20.6	25.6	30.7	358.9	19.68	W16X31	C1
		2756.5	1772.6	100.4	125.2	149.9	49006.4	6	W410X46.1	
28-1887	IZ®	51.4	74.3	24.2	29	33.7	340.8	20.83	W14X61	C1
		2765.2	1886.6	118.1	141.4	164.6	46534.9	6.35	W360X91	
28-1810	IZ®	51.9	71.2	21	25.9	30.9	364.3	20.17	W16X36	C1
		2788.2	1809.6	102.4	126.6	150.9	49745.6	6.15	W410X53	
29-1888	IZ®	53.5	74.3	25.3	30	34.8	357.1	20.86	W14X68	C1
		2875	1887.6	123.4	146.7	170	48763.1	6.36	W360X101	
29-1811	IZ®	53.6	71.3	21.7	26.6	31.6	379.7	20.2	W16X40	C1
		2882.7	1810.6	105.7	130	154.2	51845.6	6.16	W410X60	
29-2007	IZ®	54.1	79	26.9	31.4	35.9	359	22.37	HP14x89	C1
		2908.4	2007.2	131.5	153.4	175.2	49019.7	6.82	HP360x132	
29-1942	IZ®	54.1	76.4	29	33.6	38.2	342.5	21.32	W12X96	C1
		2910.8	1941.6	141.4	164	186.7	46768.9	6.5	W310X143	
30-1889	IZ®	55.2	74.4	26.3	31.1	35.8	370.8	20.89	W14X74	C1
		2966.4	1888.6	128.4	151.6	174.9	50632.2	6.37	W360X110	
30-1812	IZ®	55.2	71.3	22.5	27.5	32.4	393.8	20.24	W16X45	C1
		2968	1811.6	109.8	134	158.3	53775.9	6.17	W410X67	
30-2002	IZ®	56.5	78.8	27.2	31.7	36.2	378.2	22.37	W14X90	C1
		3035.6	2001.6	132.9	154.8	176.8	51651.8	6.82	W360X134	
30-1943	IZ®	56.5	76.5	30.5	35.2	39.8	360.1	21.35	W12X106	C1
		3037.5	1942.6	149	171.6	194.2	49180.6	6.51	W310X158	
31-1813	IZ®	56.9	71.4	23.3	28.3	33.2	408.8	20.27	W16X50	C1
		3058.3	1812.6	113.9	138.1	162.3	55820.9	6.18	W410X75	
31-1890	IZ®	57.2	74.4	27.5	32.2	37	386.8	20.93	W14X82	C1
		3074.3	1889.6	134.1	157.3	180.6	52823.7	6.38	W360X122	

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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)	
31-2007	IZ®	57.3	79	29	33.5	38	384.6	22.37	HP14x102	C1
		3082.1	2007.2	141.6	163.5	185.3	52523.9	6.82	HP360x152	
31-1785	IZ®	57.4	70.3	21.1	26.1	31.2	426.9	20.14	W18X35	C1
		3087.6	1784.6	103	127.6	152.2	58298.9	6.14	W460X52	
32-2031	IZ®	58.5	80	26.5	30.9	35.3	413.4	22.93	HP16x88	C1
		3146.1	2031.1	129.2	150.8	172.4	56454	6.99	HP410x131	
32-2003	IZ®	58.9	78.8	28.6	33.1	37.5	397.7	22.4	W14X99	C1
		3164.5	2002.6	139.5	161.4	183.3	54309.7	6.83	W360X147	
32-1814	IZ®	59.2	71.4	24.5	29.4	34.4	429.3	20.3	W16X57	C1
		3180.2	1813.6	119.4	143.6	167.8	58621.3	6.19	W410X85	
32-1946	IZ®	59.7	76.6	32.7	37.3	42	385.1	21.42	W12X120	C1
		3209.3	1945.6	159.7	182.3	204.8	52589.4	6.53	W310X179	
32-1786	IZ®	59.9	70.3	21.9	27	32	450.3	20.2	W18X40	C1
		3220.8	1785.6	107.1	131.7	156.3	61497.7	6.16	W460X60	
33-2010	IZ®	60.9	79.2	31.2	35.6	40.1	413.4	22.43	HP14x117	C1
		3276	2010.4	152.2	174	195.9	56450.3	6.84	HP360x174	
33-1893	IZ®	61	74.5	25.2	30	34.7	444.4	21.32	W16X67	C1
		3279.2	1892.6	123.1	146.3	169.5	60680.5	6.5	W410X100	
33-2004	IZ®	61.6	78.9	30.1	34.6	39.1	420.1	22.43	W14X109	C1
		3313.4	2003.6	146.9	168.8	190.7	57375	6.84	W360X162	
33-1787	IZ®	62.1	70.3	23	28	33	472	20.24	W18X46	C1
		3339.3	1786.6	112.1	136.7	161.2	64458.8	6.17	W460X68	
34-2033	IZ®	62.3	80	28.5	33	37.4	445.8	22.99	HP16x101	C1
		3352	2032.6	139.3	160.9	182.5	60877.9	7.01	HP410x151	
34-1823	IZ®	62.5	71.8	23.1	28.1	33	475.7	20.7	W18X50	C1
		3361.5	1822.6	113	137.1	161.2	64962.6	6.31	W460X74	
34-1948	IZ®	63.6	76.7	35.2	39.8	44.4	416.9	21.48	W12X136	C1
		3417.7	1947.6	171.6	194.2	216.7	56934.9	6.55	W310X202	

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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)	
35-1894	IZ®	64.2	74.6	26.8	31.6	36.3	474	21.35	W16X77	C1
		3453.7	1893.6	130.9	154.1	177.3	64729.9	6.51	W410X114	
35-1824	IZ®	64.4	71.8	24.1	29	33.9	494.6	20.7	W18X55	C1
		3464.4	1823.6	117.4	141.5	165.6	67541.2	6.31	W460X82	
35-2006	IZ®	64.5	79	31.7	36.2	40.7	443.5	22.47	W14X120	C1
		3465.5	2005.6	154.9	176.8	198.7	60567.6	6.85	W360X179	
36-1825	IZ®	66.4	71.8	24.8	29.8	34.7	513.4	20.73	W18X60	C1
		3567.6	1824.6	121.2	145.3	169.4	70114.4	6.32	W460X89	
36-2007	IZ®	67.6	79	33.5	38	42.4	469.7	22.5	W14X132	C1
		3635.7	2006.6	163.5	185.3	207.2	64145.5	6.86	W360X196	
36-1950	IZ®	67.7	76.8	37.7	42.3	46.9	450.5	21.55	W12X152	C1
		3637.7	1949.6	183.9	206.5	229	61523.1	6.57	W310X226	
37-2036	IZ®	67.9	80.2	31.5	35.9	40.3	495.3	23.06	HP16x121	C1
		3649.1	2035.8	153.8	175.3	196.9	67643.5	7.03	HP410x181	
37-1896	IZ®	68.1	74.6	28.7	33.5	38.2	509.4	21.42	W16X89	C1
		3660.7	1895.6	140.3	163.5	186.6	69559.2	6.53	W410X132	
37-1826	IZ®	68.2	71.9	25.6	30.5	35.5	531.9	20.76	W18X65	C1
		3666.6	1825.6	125	149.1	173.2	72636.9	6.33	W460X97	
38-1913	IZ®	69.8	75.3	26.2	30.9	35.6	547	21.88	W18X76	C1
		3753.6	1912.6	128	150.9	173.9	74700.2	6.67	W460X113	
38-1798	IZ®	70	70.8	22.5	27.5	32.5	573.8	20.79	W21X44	C1
		3761.6	1797.6	109.8	134.3	158.7	78356.9	6.34	W530X66	
38-1827	IZ®	70.2	71.9	26.7	31.6	36.5	552.6	20.79	W18X71	C1
		3774.4	1826.6	130.1	154.2	178.2	75457	6.34	W460X106	
38-1840	IZ®	70.4	72.4	22.6	27.5	32.4	579.3	21.35	W21X48	C1
		3782.3	1839.6	110.5	134.4	158.3	79110.9	6.51	W530X72	
38-2027	IZ®	70.6	79.8	35.1	39.6	44	494.5	22.76	W14X145	C1
		3797.3	2026.6	171.5	193.2	214.9	67534.9	6.94	W360X216	

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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)	
39-1898	IZ®	71.9	74.7	30.5	35.2	40	545.4	21.45	W16X100	C1
		3863	1897.6	148.8	172	195.1	74478.1	6.54	W410X149	
39-1952	IZ®	72.2	76.8	40.4	45	49.7	489.1	21.61	W12X170	C1
		3880.5	1951.6	197.4	219.9	242.4	66794.6	6.59	W310X253	
39-1799	IZ®	72.8	70.8	23.5	28.5	33.5	604.4	20.83	W21X50	C1
		3913.1	1798.6	114.7	139.1	163.5	82529.8	6.35	W530X74	
39-2039	IZ®	73.1	80.3	34.4	38.9	43.3	541	23.09	HP16x141	C1
		3932.6	2039	168.2	189.7	211.3	73880.2	7.04	HP410x211	
40-1915	IZ®	73.4	75.4	27.8	32.5	37.2	582.7	21.94	W18X86	C1
		3948.2	1914.6	135.6	158.6	181.5	79570.8	6.69	W460X128	
40-1842	IZ®	73.8	72.5	23.8	28.7	33.6	616.2	21.38	W21X55	C1
		3968.3	1841.6	116.3	140.1	164	84152.6	6.52	W530X82	
40-2028	IZ®	74.3	79.8	37.3	41.7	46.1	526.8	22.8	W14X159	C1
		3997.2	2027.6	181.9	203.5	225.2	71940.3	6.95	W360X237	
41-1799	IZ®	76.5	70.8	24.7	29.7	34.7	645.3	20.86	W21X57	C1
		4113.3	1798.6	120.4	144.8	169.2	88122.4	6.36	W530X85	
42-1955	IZ®	77.1	77	43.4	48	52.6	533.3	21.68	W12X190	C1
		4146.8	1954.6	212	234.4	256.9	72828.1	6.61	W310X283	
42-1842	IZ®	77.4	72.5	25	29.8	34.7	655.6	21.42	W21X62	C1
		4162.8	1841.6	121.8	145.7	169.5	89523.4	6.53	W530X92	
42-1916	IZ®	77.5	75.4	29.5	34.2	38.9	623.7	21.98	W18X97	C1
		4166	1915.6	144.2	167.1	190	85177.3	6.7	W460X144	
42-2083	IZ®	77.8	82	32.8	37.1	41.4	613.3	23.94	HP18x135	C1
		4185.4	2083.4	160.2	181.3	202.4	83748.4	7.3	HP360x202	
42-2031	IZ®	78.8	79.9	39.7	44.2	48.6	567.5	22.86	W14X176	C1
		4236.7	2030.6	194	215.6	237.2	77492.3	6.97	W360X262	
43-2042	IZ®	79	80.4	37.4	41.8	46.2	595.1	23.19	HP16x162	C1
		4245.1	2042.2	182.8	204.3	225.8	81263.5	7.07	HP410x242	

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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)	
43-1843	IZ®	80.2	72.5	25.9	30.8	35.7	687.1	21.45	W21X68	C1
		4313.6	1842.6	126.5	150.3	174.1	93823.1	6.54	W530X101	
43-1917	IZ®	80.5	75.5	30.9	35.6	40.3	655.1	22.01	W18X106	C1
		4326.6	1916.6	151.1	174	196.9	89464.2	6.71	W460X158	
44-1958	IZ®	82.1	77.1	46.6	51.1	55.7	579.2	21.78	W12X210	C1
		4412.8	1957.6	227.3	249.7	272.2	79100	6.64	W310X313	
44-1844	IZ®	82.3	72.6	26.8	31.6	36.5	710.4	21.48	W21X73	C1
		4424.5	1843.6	130.6	154.5	178.3	97015.1	6.55	W530X109	
45-2032	IZ®	83.7	80	42.2	46.7	51.1	611.2	22.93	W14X193	C1
		4498.6	2031.6	206.3	227.9	249.5	83469.1	6.99	W360X287	
45-2087	IZ®	84	82.2	35.9	40.2	44.5	672.2	24.01	HP18x157	C1
		4514.4	2086.6	175.3	196.3	217.4	91796.9	7.32	HP360x234	
45-2052	IZ®	84.3	80.8	40.5	44.9	49.3	645	23.32	HP16x183	C1
		4530.6	2051.7	197.8	219.2	240.6	88085.4	7.11	HP410x272	
46-1811	IZ®	85.2	71.3	24.2	29.2	34.2	771.2	21.45	W24X55	C1
		4580.5	1810.6	118.3	142.5	166.8	105312.4	6.54	W610X82	
46-1919	IZ®	85.4	75.5	33	37.7	42.4	706.5	22.04	W18X119	C1
		4590.2	1918.6	161.1	184	206.9	96479.1	6.72	W460X177	
46-1845	IZ®	86.3	72.6	28.3	33.2	38.1	757.2	21.52	W21X83	C1
		4642.4	1844.6	138.2	162	185.8	103405.3	6.56	W530X123	
47-1961	IZ®	87.5	77.2	49.6	54.2	58.8	628.7	21.84	W12X230	C1
		4701.7	1960.6	242.2	264.6	287	85852.1	6.66	W310X342	
48-2034	IZ®	88.5	80.1	44.9	49.3	53.7	656.3	22.96	W14X211	C1
		4760.6	2033.6	219.2	240.8	262.4	89617.9	7	W360X314	
48-1812	IZ®	88.7	71.3	25.4	30.3	35.3	814.7	21.48	W24X62	C1
		4770.3	1811.6	123.8	148.1	172.3	111257.2	6.55	W610X92	
49-1916	IZ®	90.2	75.4	34.8	39.5	44.2	758.8	22.07	W18X130	C1
		4849.9	1915.6	170	192.9	215.8	103614.6	6.73	W460X193	

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49-1847	IZ®	90.4	72.7	29.9	34.8	39.7	804.9	21.55	W21X93	C1
		4858.3	1846.6	146.2	169.9	193.7	109919.1	6.57	W530X138	
49-1861	IZ®	90.6	73.3	25.6	30.5	35.3	838.5	22.14	W24X68	C1
		4871.3	1860.6	125.2	148.8	172.4	114507.4	6.75	W610X101	
49-1945	IZ®	91.3	76.6	29.7	34.4	39	812.8	22.83	W21X101	C1
		4909.3	1944.6	145.3	167.8	190.4	110999.2	6.96	W530X150	
49-2090	IZ®	91.3	82.3	39.3	43.6	47.9	745.2	24.07	HP18x181	C1
		4911	2089.8	192	213	234	101768.6	7.34	HP360x269	
50-1963	IZ®	92.7	77.3	52.9	57.5	62.1	680.6	21.91	W12X252	C1
		4986	1962.6	258.3	280.7	303.1	92947.1	6.68	W310X375	
51-2037	IZ®	94.4	80.2	48.1	52.6	57	712.9	23.06	W14X233	C1
		5074.9	2036.6	235.1	256.6	278.2	97358.7	7.03	W360X347	
51-1946	IZ®	95	76.6	31.3	35.9	40.5	855.8	22.86	W21X111	C1
		5108.4	1945.6	152.8	175.4	198	116866.1	6.97	W530X165	
51-1861	IZ®	95.1	73.3	26.9	31.8	36.6	893.9	22.17	W24X76	C1
		5112.3	1860.6	131.6	155.2	178.8	122076.3	6.76	W610X113	
51-1918	IZ®	95.1	75.5	36.8	41.5	46.2	812.3	22.11	W18X143	C1
		5113.3	1917.6	179.6	202.5	225.4	110930.5	6.74	W460X213	
53-2093	IZ®	98.4	82.4	42.7	47	51.3	820.3	24.14	HP18x204	C1
		5292.6	2093	208.6	229.6	250.6	112023.2	7.36	HP460x304	
53-1862	IZ®	99.3	73.3	28.2	33.1	37.9	946.4	22.2	W24X84	C1
		5337.4	1861.6	137.8	161.4	185	129244.2	6.77	W610X125	
54-1948	IZ®	99.5	76.7	32.9	37.5	42.2	908.8	22.89	W21X122	C1
		5347.7	1947.6	160.7	183.3	205.8	124103.2	6.98	W530X182	
54-1967	IZ®	99.9	77.4	56.9	61.5	66	753.6	22.01	W12X279	C1
		5372.1	1966.6	277.7	300.1	322.4	102906	6.71	W310X415	
54-1920	IZ®	100.2	75.6	39.1	43.8	48.5	869.9	22.17	W18X158	C1
		5389.2	1919.6	190.9	213.8	236.6	118796.8	6.76	W460X235	

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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)	
54-2039	IZ®	100.9	80.3	51.7	56.1	60.5	778.3	23.12	W14X257	C1
		5424.9	2038.6	252.5	274.1	295.6	106284.4	7.05	W360X382	
56-1949	IZ®	103.5	76.7	34.5	39.1	43.7	955.4	22.93	W21X132	C1
		5561.9	1948.6	168.3	190.9	213.4	130474.2	6.99	W530X196	
56-1863	IZ®	104.2	73.3	29.9	34.8	39.6	1010.9	22.24	W24X94	C1
		5602.6	1862.6	146.2	169.7	193.3	138042.1	6.78	W610X140	
56-1957	IZ®	104.7	77	30.1	34.7	39.3	1018.4	23.42	W24X104	C1
		5629.1	1956.6	146.8	169.2	191.7	139074.1	7.14	W610X155	
58-1922	IZ®	106.9	75.7	41.7	46.4	51.1	945.7	22.24	W18X175	C1
		5746	1921.6	203.8	226.6	249.5	129145.5	6.78	W460X260	
58-1969	IZ®	107.3	77.5	60.9	65.5	70	831.5	22.11	W12X305	C1
		5769.5	1968.6	297.4	319.7	342	113544	6.74	W310X454	
58-2042	IZ®	108.4	80.4	55.5	59.9	64.3	854.3	23.19	W14X283	C1
		5830.4	2041.6	271	292.5	314	116662.2	7.07	W360X421	
59-1862	IZ®	109.2	73.3	31.3	36.2	41	1075.7	22.24	W24X103	C1
		5869.2	1861.6	153	176.6	200.2	146892.1	6.78	W610X153	
59-1951	IZ®	109.5	76.8	36.8	41.4	46.1	1029.3	22.99	W21X147	C1
		5887.1	1950.6	179.8	202.3	224.8	140560.4	7.01	W530X219	
59-1886	IZ®	110.1	74.2	28	32.7	37.5	1131.3	22.93	W27X84	C1
		5920.3	1885.6	136.5	159.8	183	154488.1	6.99	W690X125	
60-1958	IZ®	110.8	77.1	32	36.6	41.2	1096.7	23.45	W24X117	C1
		5957	1957.6	156.3	178.7	201.2	149762.1	7.15	W610X174	
62-1973	IZ®	115.6	77.7	65.6	70.2	74.7	920.2	22.2	W12X336	C1
		6213.5	1972.6	320.3	342.5	364.8	125658.9	6.77	W310X500	
62-2045	IZ®	116	80.5	59.6	64	68.4	935.1	23.29	W14X311	C1
		6236.8	2044.6	291	312.4	333.9	127697.7	7.1	W360X463	
63-1887	IZ®	116.3	74.3	29.5	34.2	39	1216.6	22.99	W27X94	C1
		6251.4	1886.6	143.9	167.2	190.4	166138.5	7.01	W690X140	

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63-1960	IZ®	117.4	77.1	34.2	38.8	43.4	1183.9	23.52	W24X131	C1
		6309.9	1959.6	167	189.4	211.8	161665.8	7.17	W610X195	
64-1948	IZ®	119.4	76.7	39.9	44.5	49.1	1152	22.99	W21X166	C1
		6421.2	1947.6	194.6	217.1	239.7	157311.6	7.01	W530X248	
65-1887	IZ®	121.2	74.3	30.8	35.6	40.4	1286.4	23.02	W27X102	C1
		6517.9	1886.6	150.5	173.8	197.1	175675.3	7.02	W690X152	
67-2049	IZ®	124.8	80.7	64.1	68.5	72.9	1031.1	23.39	W14X342	C1
		6707.4	2048.6	313	334.4	355.9	140806.4	7.13	W360X509	
67-1961	IZ®	125.2	77.2	36.5	41.1	45.7	1286.6	23.58	W24X146	C1
		6733.4	1960.6	178.1	200.5	222.9	175698.2	7.19	W610X217	
68-1897	IZ®	125.6	74.7	28.6	33.4	38.1	1401.7	23.55	W30X90	C1
		6754.9	1896.6	139.8	163	186.1	191414.9	7.18	W760X134	
68-1951	IZ®	125.7	76.8	42.4	47	51.6	1233.1	23.06	W21X182	C1
		6760.6	1950.6	206.8	229.3	251.8	168392.8	7.03	W530X272	
68-1889	IZ®	127.2	74.4	32.7	37.4	42.2	1373.6	23.06	W27X114	C1
		6836.8	1888.6	159.5	182.8	206	187581.5	7.03	W690X170	
70-1898	IZ®	130.2	74.7	30.1	34.9	39.6	1475.1	23.58	W30X99	C1
		6999.6	1897.6	147.2	170.3	193.5	201440.3	7.19	W760X147	
71-1962	IZ®	132.8	77.2	39	43.6	48.2	1391.5	23.62	W24X162	C1
		7141	1961.6	190.4	212.8	235.2	190019.3	7.2	W610X241	
72-2051	IZ®	133.1	80.7	68.2	72.6	77	1122.5	23.45	W14X370	C1
		7154.7	2050.6	333	354.4	375.8	153292.8	7.15	W360X551	
72-1952	IZ®	133.8	76.8	45.3	49.9	54.5	1337.9	23.12	W21X201	C1
		7191.1	1951.6	221.2	243.7	266.2	182702.5	7.05	W530X300	
73-1899	IZ®	136.2	74.7	31.6	36.3	41	1568	23.62	W30X108	C1
		7322.6	1898.6	154.1	177.3	200.4	214122	7.2	W760X161	
73-1887	IZ®	136.3	74.3	35.1	39.9	44.6	1508.3	23.09	W27X129	C1
		7327.8	1886.6	171.4	194.6	217.9	205971.6	7.04	W690X192	

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75-1960	IZ®	139.9	77.1	41.1	45.7	50.3	1488.8	23.62	W24X176	C1
		7522.6	1959.6	200.6	223	245.4	203302.6	7.2	W610X262	
75-1988	IZ®	140.3	78.3	36.1	40.6	45.1	1563	24.37	W27X146	C1
		7541	1987.6	176.1	198.2	220.3	213443.4	7.43	W690X217	
76-2054	IZ®	140.9	80.9	72.2	76.6	81	1214.8	23.52	W14X398	C1
		7574.5	2053.6	352.8	374.1	395.5	165889.6	7.17	W360X592	
76-1900	IZ®	141.8	74.8	32.9	37.6	42.4	1654.2	23.65	W30X116	C1
		7621.1	1899.6	160.7	183.8	206.9	225901.9	7.21	W760X173	
79-1962	IZ®	146.8	77.2	43.5	48.1	52.7	1587.3	23.68	W24X192	C1
		7890.5	1961.6	212.4	234.8	257.2	216760.1	7.22	W610X285	
79-1900	IZ®	147.1	74.8	34.1	38.8	43.6	1736.9	23.68	W30X124	C1
		7907	1899.6	166.5	189.6	212.7	237187.7	7.22	W760X185	
80-1989	IZ®	147.9	78.3	38.4	42.9	47.4	1678.3	24.4	W27X161	C1
		7951	1988.6	187.4	209.5	231.6	229190.1	7.44	W690X240	
80-2057	IZ®	149.3	81	76.3	80.7	85	1313.2	23.62	W14X426	C1
		8027.8	2056.6	372.5	393.8	415.2	179322.7	7.2	W360X634	
82-1901	IZ®	151.8	74.8	35.4	40.2	44.9	1815.2	23.71	W30X132	C1
		8160.7	1900.6	173	196.1	219.2	247885.7	7.23	W760X196	
83-1963	IZ®	153.9	77.3	45.9	50.4	55	1690.3	23.71	W24X207	C1
		8274.2	1962.6	223.9	246.3	268.7	230818.6	7.23	W610X307	
84-1991	IZ®	155.8	78.4	40.9	45.5	50	1798.2	24.47	W27X178	C1
		8375.3	1990.6	199.9	221.9	244	245565.5	7.46	W690X265	
84-1925	IZ®	156.6	75.8	32.7	37.4	42.1	1969.6	24.47	W33X118	C1
		8416.8	1924.6	159.8	182.6	205.4	268972.1	7.46	W840X176	
84-2061	IZ®	156.9	81.1	80.4	84.8	89.2	1407.4	23.71	W14X455	C1
		8437.7	2060.6	392.7	414	435.3	192194.5	7.23	W360X677	
88-1899	IZ®	162.7	74.7	38	42.7	47.5	1993.2	23.75	W30X148	C1
		8750	1898.6	185.6	208.7	231.8	272183.8	7.24	W760X220	

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88-1966	IZ®	163.6	77.4	49.2	53.8	58.4	1833.7	23.81	W24X229	C1
		8795.8	1965.6	240.3	262.7	285	250407.5	7.26	W610X341	
89-1925	IZ®	165.2	75.8	34.7	39.3	44	2116.5	24.5	W33X130	C1
		8881.2	1924.6	169.2	192	214.8	289025.2	7.47	W840X193	
89-1989	IZ®	165.8	78.3	43.4	47.9	52.4	1950	24.47	W27X194	C1
		8912.5	1988.6	211.9	234	256.1	266294.3	7.46	W690X289	
92-2014	IZ®	170.1	79.3	39.7	44.1	48.6	2111.3	25.22	W30X173	C1
		9147.4	2013.6	193.7	215.5	237.3	288322.6	7.69	W760X257	
92-2065	IZ®	170.4	81.3	86.9	91.3	95.6	1577.2	23.81	W14X500	C1
		9162.8	2064.6	424.3	445.5	466.8	215381.1	7.26	W360X744	
93-1926	IZ®	173.1	75.8	36.4	41.1	45.7	2256.3	24.53	W33X141	C1
		9308.5	1925.6	177.7	200.5	223.3	308123.2	7.48	W840X210	
93-1968	IZ®	173.5	77.5	52.4	57	61.6	1981.5	23.88	W24X250	C1
		9327.2	1967.6	256.1	278.4	300.7	270588.3	7.28	W610X372	
95-1992	IZ®	177.3	78.4	46.9	51.4	55.9	2131.8	24.57	W27X217	C1
		9532.8	1991.6	228.9	251	273	291115.1	7.49	W690X323	
97-1937	IZ®	179.6	76.2	35.2	39.8	44.5	2455.6	25.06	W36X135	C1
		9656.1	1936.6	171.8	194.5	217.1	335335.3	7.64	W920X201	
97-2015	IZ®	180.1	79.3	42.4	46.8	51.3	2276.1	25.26	W30X191	C1
		9680.5	2014.6	206.8	228.6	250.4	310815.5	7.7	W760X284	
97-1927	IZ®	180.6	75.9	38.1	42.8	47.5	2389.4	24.6	W33X152	C1
		9709.3	1926.6	186.1	208.9	231.7	326296.9	7.5	W840X226	
100-2070	IZ®	185.4	81.5	93.8	98.2	102.5	1772.8	23.98	W14X550	C1
		9967.9	2069.6	458.1	479.3	500.6	242095.1	7.31	W360X818	
100-1993	IZ®	185.8	78.4	49.7	54.2	58.7	2269.4	24.6	W27X235	C1
		9988.4	1992.6	242.6	264.6	286.7	309907.1	7.5	W690X350	
100-1971	IZ®	186	77.6	56.9	61.4	66	2174.3	23.94	W24X279	C1
		9999.1	1970.6	277.6	299.9	322.1	296914.5	7.3	W610X415	

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103-2017	IZ®	190.9	79.4	45.4	49.8	54.3	2460.5	25.32	W30X211	C1
		10262.3	2016.6	221.4	243.2	265	335999.7	7.72	W760X314	
103-1937	IZ®	191.9	76.2	37.6	42.2	46.9	2683.5	25.12	W36X150	C1
		10314.5	1936.6	183.5	206.2	228.9	366450.6	7.66	W920X223	
104-1925	IZ®	192.5	75.8	40.7	45.3	50	2601.9	24.6	W33X169	C1
		10350.6	1924.6	198.6	221.4	244.2	355307.3	7.5	W840X251	
106-1995	IZ®	197.2	78.5	53	57.5	62	2455.1	24.67	W27X258	C1
		10602.7	1994.6	258.9	280.9	302.9	335263.8	7.52	W690X384	
107-1973	IZ®	198.3	77.7	60.9	65.4	70	2367.7	24.01	W24X306	C1
		10660.1	1972.6	297.2	319.5	341.7	323328.3	7.32	W610X455	
107-1938	IZ®	198.6	76.3	39.2	43.8	48.4	2814.5	25.16	W36X160	C1
		10679.6	1937.6	191.2	213.8	236.5	384341.6	7.67	W920X238	
109-2075	IZ®	202.3	81.7	102.1	106.5	110.8	2002.1	24.11	W14X605	C1
		10878.8	2074.6	498.6	519.8	541	273410.9	7.35	W360X900	
109-1933	IZ®	203	76.1	37.5	42.2	46.8	2992.6	25.45	W40X149	C1
		10915.3	1932.6	183.1	205.8	228.6	408666.3	7.76	W1000X222	
110-2033	IZ®	203.6	80	43.5	47.9	52.3	2806.6	25.98	W33X201	C1
		10948.8	2032.6	212.3	233.9	255.5	383272.9	7.92	W840X299	
110-2015	IZ®	205.3	79.3	49	53.5	57.9	2706.6	25.35	W30X235	C1
		11040.1	2014.6	239.2	261	282.8	369613.9	7.73	W760X350	
111-1939	IZ®	205.6	76.3	40.7	45.3	50	2948.9	25.19	W36X170	C1
		11053.3	1938.6	198.7	221.4	244	402703.2	7.68	W920X253	
112-1997	IZ®	208.8	78.6	56.6	61.1	65.6	2648.1	24.73	W27X281	C1
		11226.2	1996.6	276.3	298.3	320.3	361627.9	7.54	W690X419	
114-1976	IZ®	211.1	77.8	65.3	69.9	74.4	2575	24.11	W24X335	C1
		11351.2	1975.6	319	341.2	363.5	351641	7.35	W610X498	
115-1940	IZ®	213	76.4	42.6	47.2	51.9	3095.7	25.22	W36X182	C1
		11449.9	1939.6	208	230.6	253.2	422746.1	7.69	W920X271	

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116-2034	IZ®	215.7	80.1	46.5	50.9	55.3	3030.4	26.04	W33X221	C1
		11597.9	2033.6	226.9	248.5	270.1	413824.1	7.94	W840X329	
118-2018	IZ®	218.5	79.4	52.9	57.4	61.8	2940.4	25.42	W30X261	C1
		11746	2017.6	258.3	280	301.8	401537.9	7.75	W760X389	
118-1933	IZ®	219.6	76.1	40.3	45	49.6	3320.8	25.52	W40X167	C1
		11806.4	1932.6	196.9	219.6	242.4	453478.6	7.78	W1000X249	
118-1941	IZ®	220	76.4	44.4	49	53.7	3238	25.26	W36X194	C1
		11830.4	1940.6	216.7	239.4	262	442173.1	7.7	W920X289	
119-2081	IZ®	220.4	81.9	110.3	114.7	119	2262	24.27	W14X665	C1
		11850.7	2080.6	538.7	559.8	580.9	308897.9	7.4	W360X990	
119-2000	IZ®	220.7	78.7	60.4	64.9	69.4	2850.8	24.8	W27X307	C1
		11868.2	1999.6	294.8	316.7	338.7	389297.9	7.56	W690X457	
122-1980	IZ®	226.5	77.9	70.6	75.2	79.7	2830.3	24.21	W24X370	C1
		12180	1979.6	344.9	367.1	389.3	386503.9	7.38	W610X551	
122-2036	IZ®	227.4	80.1	49.4	53.8	58.3	3249.2	26.11	W33X241	C1
		12228.4	2035.6	241.3	262.9	284.5	443710.3	7.96	W840X359	
123-1942	IZ®	229.5	76.4	46.9	51.6	56.2	3430.9	25.29	W36X210	C1
		12340.6	1941.6	229.2	251.8	274.4	468515.3	7.71	W920X313	
126-2051	IZ®	233.9	80.7	47.3	51.7	56.1	3469.2	26.6	W36X230	C1
		12573.3	2050.6	231.1	252.6	274	473746.6	8.11	W920X342	
126-2003	IZ®	235	78.8	64.7	69.2	73.7	3098.7	24.9	W27X336	C1
		12637	2002.6	315.9	337.8	359.7	423150.4	7.59	W690X500	
127-1933	IZ®	235.4	76.1	42.8	47.5	52.1	3639.4	25.58	W40X183	C1
		12657.7	1932.6	209.1	231.8	254.6	496991.2	7.8	W1000X272	
127-2020	IZ®	235.4	79.5	57.5	61.9	66.4	3242.8	25.49	W30X292	C1
		12657.7	2019.6	280.6	302.3	324	442833.7	7.77	W760X434	
128-2033	IZ®	237.1	80	43.1	47.5	51.9	3683	26.83	W40X199	C1
		12749.6	2032.6	210.4	232	253.6	502948.8	8.18	W1000X296	

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130-2087	IZ®	241.1	82.1	119.3	123.6	127.9	2564.3	24.44	W14X730	C1
		12965	2086.6	582.3	603.3	624.4	350183.3	7.45	W360X1086	
130-2034	IZ®	242.5	80.1	52.8	57.2	61.6	3533.9	26.11	W33X263	C1
		13040	2033.6	257.8	279.4	301	482588.8	7.96	W840X392	
131-2052	IZ®	243.3	80.8	49.6	54	58.4	3653.4	26.63	W36X245	C1
		13082.4	2051.6	242.1	263.5	284.9	498910.4	8.12	W920X365	
132-1941	IZ®	246.2	76.4	50.3	54.9	59.5	3765.7	25.32	W36X232	C1
		13236.8	1940.6	245.5	268.1	290.7	514242.5	7.72	W920X345	
135-2005	IZ®	250.2	78.9	69.5	74	78.5	3366.5	24.96	W27X368	C1
		13452.1	2004.6	339.4	361.3	383.3	459725.2	7.61	W690X548	
136-2023	IZ®	252.6	79.6	62.5	66.9	71.4	3558	25.58	W30X326	C1
		13578.6	2022.6	305	326.7	348.4	485876.7	7.8	W760X484	
136-2033	IZ®	252.6	80	45.6	50.1	54.5	3996.8	26.9	W40X215	C1
		13582	2032.6	222.8	244.4	266	545801.6	8.2	W1000X321	
136-2053	IZ®	252.7	80.8	51.8	56.1	60.5	3840.1	26.67	W36X260	C1
		13584.9	2052.6	252.7	274.1	295.5	524403.8	8.13	W920X387	
136-1933	IZ®	253.5	76.1	47.2	51.9	56.5	4034.5	25.62	W40X211	C1
		13630	1932.6	230.6	253.4	276.1	550946.1	7.81	W1000X314	
138-2104	IZ®	257.5	82.8	129.8	134	138.3	2799.8	24.6	W14X808	C1
		13842.3	2103.6	633.6	654.4	675.3	382341.5	7.5	W360X1202	
139-2037	IZ®	258.2	80.2	56.9	61.3	65.7	3837.4	26.21	W33X291	C1
		13880.8	2036.6	277.8	299.4	321	524025.5	7.99	W840X433	
140-1943	IZ®	260.7	76.5	54.1	58.7	63.4	4071.3	25.39	W36X256	C1
		14018.6	1942.6	264.2	286.8	309.4	555965.7	7.74	W920X381	
143-2055	IZ®	265.7	80.9	54.8	59.1	63.5	4104	26.73	W36X280	C1
		14287.1	2054.6	267.4	288.8	310.1	560442.9	8.15	W920X417	
145-1935	IZ®	268.8	76.2	50.9	55.6	60.2	4372.4	25.68	W40X235	C1
		14453.5	1934.6	248.7	271.4	294.1	597087.8	7.83	W1000X350	

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145-2026	IZ®	269.1	79.7	67.1	71.5	75.9	3868.2	25.68	W30X357	C1
		14466.7	2025.6	327.4	349.1	370.8	528234.8	7.83	W760X531	
147-2039	IZ®	273.6	80.3	60.9	65.3	69.7	4141.4	26.27	W33X318	C1
		14712.1	2038.6	297.2	318.7	340.3	565538.8	8.01	W840X473	
148-2033	IZ®	274.6	80	50.7	55.1	59.5	4470.3	26.93	W40X249	C1
		14762.9	2032.6	247.5	269.1	290.7	610452.8	8.21	W1000X371	
149-2056	IZ®	277.5	80.9	57.7	62.1	66.5	4341.6	26.77	W36X300	C1
		14918.4	2055.6	281.8	303.1	324.5	592883.1	8.16	W920X446	
153-1936	IZ®	284.7	76.2	55.5	60.1	64.8	4736.7	25.75	W40X264	C1
		15308.3	1935.6	270.8	293.5	316.2	646836.5	7.85	W1000X393	
154-2033	IZ®	285.5	80	47.8	52.3	56.7	4969.4	27.52	W44X230	C1
		15347.8	2032.6	233.6	255.2	276.8	678612.2	8.39	W1100X343	
154-2029	IZ®	286.4	79.9	72.2	76.6	81.1	4199.9	25.75	W30X391	C1
		15396.2	2028.6	352.5	374.1	395.7	573533	7.85	W760X582	
157-2035	IZ®	292.2	80.1	54.7	59.2	63.6	4855.5	26.99	W40X277	C1
		15707.1	2034.6	267.3	288.9	310.5	663067.9	8.23	W1000X412	
157-1937	IZ®	292.8	76.2	57.8	62.4	67.1	4922.8	25.75	W40X278	C1
		15742.5	1936.6	282	304.7	327.4	672247.9	7.85	W1000X415	
158-2042	IZ®	293.3	80.4	66.1	70.5	74.9	4536.8	26.34	W33X354	C1
		15770.9	2041.6	322.9	344.4	365.9	619536	8.03	W840X527	
158-2055	IZ®	294.7	80.9	61.8	66.2	70.6	4697.8	26.8	W36X328	C1
		15842.3	2054.6	301.8	323.1	344.5	641531.7	8.17	W920X488	
162-2035	IZ®	301.8	80.1	57.8	62.3	66.7	5080	26.99	W40X297	C1
		16228.3	2034.6	282.4	303.9	325.5	693720.6	8.23	W1000X443	
167-2033	IZ®	310.2	80	52.7	57.1	61.5	5544	27.59	W44X262	C1
		16676	2032.6	257.1	278.7	300.3	757079	8.41	W1100X390	
167-2044	IZ®	311.4	80.5	71	75.4	79.8	4911.2	26.44	W33X387	C1
		16744.2	2043.6	346.8	368.3	389.8	670665.4	8.06	W840X576	

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168-2058	IZ®	311.8	81	66.2	70.6	75	5059.9	26.86	W36X359	C1
		16765.3	2057.6	323.5	344.8	366.1	690971	8.19	W920X534	
172-2037	IZ®	320.2	80.2	61.8	66.2	70.6	5484.3	27.09	W40X324	C1
		17213.1	2036.6	301.7	323.3	344.9	748935.5	8.26	W1000X483	
174-1941	IZ®	323.6	76.4	65.2	69.8	74.5	5628.1	25.88	W40X327	C1
		17399.2	1940.6	318.3	340.9	363.5	768571.9	7.89	W1000X486	
175-1942	IZ®	325.1	76.4	66	70.6	75.2	5665.1	25.91	W40X331	C1
		17480.3	1941.6	322.2	344.8	367.4	773622.8	7.9	W1000X494	
177-2035	IZ®	329.9	80.1	57	61.4	65.8	6018.5	27.65	W44X290	C1
		17735.2	2034.6	278.1	299.7	321.3	821877.2	8.43	W1100X433	
178-2060	IZ®	331.7	81.1	71.3	75.7	80.1	5487.7	26.96	W36X393	C1
		17832	2059.6	348.3	369.6	390.9	749398	8.22	W920X585	
179-2020	IZ®	331.9	79.5	94.6	99	103.5	4909.8	25.42	W27X539	C1
		17845.7	2019.6	461.7	483.4	505.2	670477.3	7.75	W690X802	
184-2040	IZ®	342.3	80.3	67.4	71.8	76.2	5992.5	27.16	W40X362	C1
		18402.5	2039.6	329	350.5	372.1	818335.3	8.28	W1000X539	
187-2041	IZ®	347.2	80.3	68.8	73.3	77.7	6107.9	27.19	W40X372	C1
		18665.9	2040.6	336.1	357.7	379.2	834082.5	8.29	W1000X554	
191-2038	IZ®	355.1	80.2	63.3	67.7	72.1	6646.1	27.72	W44X335	C1
		19090.8	2037.6	308.9	330.5	352	907578.3	8.45	W1100X499	
193-2064	IZ®	358.1	81.2	77.9	82.3	86.6	6059.9	27.06	W36X439	C1
		19251.9	2063.6	380.3	401.6	422.9	827531.8	8.25	W920X653	
196-1947	IZ®	363.9	76.6	75.3	79.9	84.6	6578.2	26.08	W40X392	C1
		19563.6	1946.6	367.7	390.3	412.8	898308.4	7.95	W1000X584	
196-2042	IZ®	364.3	80.4	72.5	76.9	81.3	6500.7	27.22	W40X397	C1
		19585.7	2041.6	354.1	375.6	397.1	887732.4	8.3	W1000X591	
206-2045	IZ®	383.9	80.5	77.5	81.9	86.3	6960.7	27.32	W40X431	C1
		20641.1	2044.6	378.5	400	421.4	950541.9	8.33	W1000X642	

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220-2070	IZ [®]	409	81.5	90.6	94.9	99.3	7203.7	27.26	W36X527	C1
		21990.4	2069.6	442.2	463.4	484.6	983730	8.31	W920X784	
231-2050	IZ [®]	428.9	80.7	88.1	92.5	96.9	8038.5	27.49	W40X503	C1
		23061.2	2049.6	430	451.5	472.9	1097728.4	8.38	W1000X748	
258-2079	IZ [®]	479.6	81.8	108.1	112.4	116.8	8857.3	27.52	W36X650	C1
		25784.1	2078.6	527.9	549	570.1	1209539.8	8.39	W920X967	
261-2057	IZ [®]	485.9	81	101.5	105.8	110.2	9442.4	27.68	W40X593	C1
		26124.5	2056.6	495.4	516.7	538.1	1289446	8.44	W1000X883	
305-2090	IZ [®]	566.9	82.3	129.1	133.4	137.7	11005.8	27.85	W36X798	C1
		30479.5	2089.6	630.3	651.3	672.3	1502937.8	8.49	W920X1188	

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30-1626	IZ®	56.3	64	21.5	27	32.6	434.5	19.68	W16X26	C2
		3027.3	1626.2	105	132	159	59339.1	6	W410X38.8	
31-1626	IZ®	58.3	64	22.4	27.9	33.5	452	19.68	W16X31	C2
		3133.4	1626.2	109.4	136.4	163.4	61722.9	6	W410X46.1	
32-1663	IZ®	58.7	65.5	22.8	28.2	33.6	455.6	20.17	W16X36	C2
		3156.5	1663.2	111.4	137.8	164.2	62214.8	6.15	W410X53	
33-1664	IZ®	60.5	65.5	23.6	29	34.4	471.6	20.2	W16X40	C2
		3250.3	1664.2	115	141.4	167.8	64396.2	6.16	W410X60	
33-1665	IZ®	62.1	65.6	24.5	29.9	35.3	486.3	20.24	W16X45	C2
		3337.2	1665.2	119.5	145.8	172.2	66403.1	6.17	W410X67	
34-1638	IZ®	63.5	64.5	23	28.5	34	519.1	20.14	W18X35	C2
		3415	1638.2	112.2	139	165.8	70893.7	6.14	W460X52	
34-1666	IZ®	63.8	65.6	25.4	30.8	36.2	501.9	20.27	W16X50	C2
		3428.9	1666.2	123.9	150.2	176.6	68533.3	6.18	W410X75	
35-1885	IZ®	65.2	74.2	28.5	33.3	38.1	498.3	22.93	HP16x88	C2
		3507.5	1884.7	139.2	162.5	185.8	68050.4	6.99	HP410x131	
36-1639	IZ®	66	64.5	23.9	29.4	34.9	543.5	20.2	W18X40	C2
		3547.6	1639.2	116.7	143.5	170.3	74222.1	6.16	W460X60	
36-1667	IZ®	66.1	65.6	26.6	32	37.4	523.2	20.3	W16X57	C2
		3553.1	1667.2	129.9	156.2	182.5	71453.3	6.19	W410X85	
36-1746	IZ®	67.6	68.7	27.3	32.5	37.6	535.2	21.32	W16X67	C2
		3636.9	1746.2	133.4	158.6	183.7	73083.8	6.5	W410X100	
37-1640	IZ®	68.2	64.6	25	30.5	36	566	20.24	W18X46	C2
		3667.8	1640.2	122.1	148.9	175.6	77296.3	6.17	W460X68	
37-1676	IZ®	68.5	66	25.2	30.5	35.9	568	20.7	W18X50	C2
		3682.7	1676.2	122.9	149.1	175.3	77564.5	6.31	W460X74	
37-1886	IZ®	69.2	74.3	30.7	35.5	40.3	532.3	22.99	HP16x101	C2
		3720.4	1886.2	150.1	173.4	196.7	72686	7.01	HP410x151	

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38-1677	IZ®	70.5	66	26.2	31.5	36.9	587.6	20.7	W18X55	C2
		3787.7	1677.2	127.7	153.9	180.1	80246.6	6.31	W460X82	
38-1747	IZ®	71	68.8	29.1	34.2	39.4	566.2	21.35	W16X77	C2
		3815.7	1747.2	141.9	167	192.2	77314.6	6.51	W410X114	
39-1678	IZ®	72.4	66.1	27	32.4	37.7	607.3	20.73	W18X60	C2
		3892.6	1678.2	131.8	158	184.2	82929.8	6.32	W460X89	
40-1679	IZ®	74.3	66.1	27.8	33.2	38.6	626.5	20.76	W18X65	C2
		3993.4	1679.2	136	162.1	188.3	85557.4	6.33	W460X97	
40-1889	IZ®	74.9	74.4	33.9	38.7	43.5	583.9	23.06	HP16x121	C2
		4024.9	1889.4	165.7	188.9	212.2	79732.9	7.03	HP410x181	
40-1651	IZ®	74.9	65	24.5	29.9	35.4	667.3	20.79	W21X44	C2
		4028.9	1651.2	119.6	146.2	172.8	91131.4	6.34	W530X66	
40-1749	IZ®	74.9	68.9	31.1	36.3	41.4	603.2	21.42	W16X89	C2
		4029.1	1749.2	152.1	177.2	202.3	82369.9	6.53	W410X132	
40-1693	IZ®	75.1	66.7	24.6	29.9	35.2	670.6	21.35	W21X48	C2
		4040	1693.2	120.1	146	172	91582	6.51	W530X72	
41-1766	IZ®	75.6	69.5	28.4	33.5	38.6	638	21.88	W18X76	C2
		4064.3	1766.2	138.6	163.5	188.3	87118	6.67	W460X113	
41-1680	IZ®	76.3	66.1	29	34.3	39.7	648	20.79	W18X71	C2
		4104.6	1680.2	141.5	167.6	193.7	88492.9	6.34	W460X106	
42-1652	IZ®	77.8	65	25.6	31	36.5	699.2	20.83	W21X50	C2
		4183.1	1652.2	124.8	151.4	178	95482.8	6.35	W530X74	
42-1695	IZ®	78.7	66.7	25.9	31.2	36.5	709.2	21.38	W21X55	C2
		4229.8	1695.2	126.3	152.2	178.1	96846	6.52	W530X82	
42-1751	IZ®	78.8	68.9	33	38.2	43.3	640.8	21.45	W16X100	C2
		4235.7	1751.2	161.3	186.4	211.4	87502.5	6.54	W410X149	
43-1768	IZ®	79.3	69.6	30.1	35.2	40.3	675.3	21.94	W18X86	C2
		4264.8	1768.2	146.9	171.7	196.5	92215.9	6.69	W460X128	

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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)	
43-1893	IZ®	80.4	74.5	37.1	41.9	46.6	631.9	23.09	HP16x141	C2
		4320.8	1892.6	181.2	204.4	227.6	86290.8	7.04	HP410x211	
44-1652	IZ®	81.6	65	26.8	32.3	37.7	742	20.86	W21X57	C2
		4386.6	1652.2	131	157.6	184.2	101331.8	6.36	W530X85	
44-1695	IZ®	82.4	66.7	27.1	32.4	37.7	750.4	21.42	W21X62	C2
		4428.3	1695.2	132.4	158.3	184.2	102472	6.53	W530X92	
45-1769	IZ®	83.5	69.7	32	37.1	42.1	718.3	21.98	W18X97	C2
		4489.7	1769.2	156.1	180.9	205.7	98089.2	6.7	W460X144	
45-1937	IZ®	84	76.3	35.3	39.9	44.6	701.5	23.94	HP18x135	C2
		4514.2	1937	172.3	195	217.7	95790.5	7.3	HP360x202	
46-1696	IZ®	85.2	66.8	28.1	33.4	38.7	783.3	21.45	W21X68	C2
		4582.6	1696.2	137.4	163.3	189.1	106964.4	6.54	W530X101	
46-1896	IZ®	86.3	74.6	40.3	45.1	49.8	688.4	23.19	HP16x162	C2
		4642.3	1895.8	196.9	220.1	243.2	94005.7	7.07	HP410x242	
47-1770	IZ®	86.6	69.7	33.5	38.6	43.7	751.1	22.01	W18X106	C2
		4656	1770.2	163.6	188.4	213.2	102571.2	6.71	W460X158	
47-1884	IZ®	87.1	74.2	42.8	47.6	52.4	663.6	22.86	W14X176	C2
		4683.4	1884.2	209.1	232.4	255.7	90624.3	6.97	W360X262	
47-1697	IZ®	87.4	66.8	29.1	34.4	39.7	807.7	21.48	W21X73	C2
		4697.9	1697.2	141.9	167.8	193.7	110303.6	6.55	W530X109	
48-1664	IZ®	89.5	65.5	26.4	31.8	37.2	869.3	21.45	W24X55	C2
		4809.6	1664.2	128.7	155.1	181.5	118708.7	6.54	W610X82	
49-1940	IZ®	90.3	76.4	38.6	43.2	47.9	763.3	24.01	HP18x157	C2
		4857.4	1940.2	188.5	211.1	233.8	104237.5	7.32	HP360x234	
49-1698	IZ®	91.6	66.9	30.8	36	41.3	856.7	21.52	W21X83	C2
		4923.4	1698.2	150.1	176	201.9	116995.3	6.56	W530X123	
49-1772	IZ®	91.7	69.8	35.7	40.8	45.9	805	22.04	W18X119	C2
		4928.5	1772.2	174.4	199.2	224	109925.3	6.72	W460X177	

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49-1905	IZ®	91.8	75	43.6	48.3	53.1	740.4	23.32	HP16x183	C2
		4937.8	1905.3	212.9	236	259	101108.7	7.11	HP410x272	
50-1885	IZ®	92.1	74.2	45.5	50.3	55.1	709.5	22.93	W14X193	C2
		4953.4	1885.2	222.3	245.6	268.9	96894.5	6.99	W360X287	
50-1665	IZ®	93.1	65.6	27.6	33	38.4	914.9	21.48	W24X62	C2
		5005.7	1665.2	134.7	161.1	187.5	124931	6.55	W610X92	
51-1714	IZ®	94.8	67.5	27.8	33.1	38.3	936.9	22.14	W24X68	C2
		5098	1714.2	135.9	161.5	187.2	127945.3	6.75	W610X101	
52-1700	IZ®	95.7	66.9	32.5	37.8	43.1	906.6	21.55	W21X93	C2
		5147.7	1700.2	158.7	184.6	210.4	123809.6	6.57	W530X138	
52-1798	IZ®	96.3	70.8	32.2	37.2	42.2	909.9	22.83	W21X101	C2
		5179.6	1798.2	157.1	181.5	205.9	124248.8	6.96	W530X150	
52-1769	IZ®	96.7	69.7	37.7	42.8	47.9	860	22.07	W18X130	C2
		5196.7	1769.2	184.1	208.9	233.7	117438.7	6.73	W460X193	
52-1887	IZ®	97.2	74.3	48.4	53.1	57.9	756.7	22.96	W14X211	C2
		5224	1887.2	236.2	259.5	282.7	103337.1	7	W360X314	
53-1943	IZ®	98	76.5	42.3	46.9	51.5	840	24.07	HP18x181	C2
		5270	1943.4	206.4	229	251.6	114707.6	7.34	HP360x269	
54-1714	IZ®	99.5	67.5	29.2	34.5	39.7	995.2	22.17	W24X76	C2
		5347.5	1714.2	142.8	168.4	194	135899.5	6.76	W610X113	
54-1799	IZ®	100.2	70.8	33.9	38.9	43.8	955	22.86	W21X111	C2
		5388.4	1799.2	165.3	189.7	214.1	130411.9	6.97	W530X165	
55-1771	IZ®	101.7	69.7	39.8	44.9	50	916.2	22.11	W18X143	C2
		5469.7	1771.2	194.5	219.3	244.1	125120.9	6.74	W460X213	
55-1816	IZ®	102.7	71.5	57.2	62.1	67.1	788.2	21.91	W12X252	C2
		5520	1816.2	279.1	303.3	327.5	107637.4	6.68	W310X375	
56-1890	IZ®	103.2	74.4	51.9	56.6	61.4	816	23.06	W14X233	C2
		5547.8	1890.2	253.3	276.5	299.7	111427.5	7.03	W360X347	

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				60%	80%	100%				
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56-1715	IZ®	103.8	67.5	30.6	35.9	41.1	1050.4	22.2	W24X84	C2
		5581.9	1715.2	149.6	175.2	200.8	143436.5	6.77	W610X125	
56-1801	IZ®	104.9	70.9	35.6	40.6	45.6	1010.6	22.89	W21X122	C2
		5637.4	1801.2	173.8	198.2	222.6	138002.9	6.98	W530X182	
57-1947	IZ®	105.4	76.6	45.9	50.6	55.2	918.6	24.14	HP18x204	C2
		5666	1946.6	224.3	246.9	269.4	125439.7	7.36	HP460x304	
58-1773	IZ®	107.1	69.8	42.3	47.4	52.5	976.8	22.17	W18X158	C2
		5757.7	1773.2	206.7	231.4	256.2	133385.9	6.76	W460X235	
59-1716	IZ®	109	67.6	32.5	37.7	43	1118.1	22.24	W24X94	C2
		5859.6	1716.2	158.6	184.2	209.8	152679.7	6.78	W610X140	
59-1802	IZ®	109	71	37.3	42.3	47.3	1059.8	22.93	W21X132	C2
		5862.4	1802.2	182	206.4	230.7	144718.7	6.99	W530X196	
59-1810	IZ®	109.2	71.3	32.5	37.5	42.4	1120.4	23.42	W24X104	C2
		5869.7	1810.2	158.6	182.9	207.2	153007.1	7.14	W610X155	
59-1892	IZ®	109.9	74.5	55.7	60.5	65.2	884.4	23.12	W14X257	C2
		5908.7	1892.2	272.1	295.3	318.5	120767.3	7.05	W360X382	
59-1820	IZ®	110	71.7	61.5	66.4	71.3	864.2	22.01	W12X279	C2
		5912.5	1820.2	300.1	324.2	348.3	118016.7	6.71	W310X415	
61-1775	IZ®	114	69.9	45.2	50.2	55.3	1056.5	22.24	W18X175	C2
		6129	1775.2	220.6	245.3	270.1	144276.6	6.78	W460X260	
61-1739	IZ®	114.1	68.5	30.3	35.5	40.6	1239.1	22.93	W27X84	C2
		6136.7	1739.2	148	173.2	198.5	169205.7	6.99	W690X125	
61-1715	IZ®	114.2	67.5	34	39.3	44.5	1186.4	22.24	W24X103	C2
		6137.7	1715.2	166.1	191.7	217.3	162017.2	6.78	W610X153	
62-1804	IZ®	115.4	71	39.8	44.8	49.8	1137.5	22.99	W21X147	C2
		6203.3	1804.2	194.4	218.7	243.1	155329.6	7.01	W530X219	
62-1811	IZ®	115.6	71.3	34.6	39.6	44.5	1202.9	23.45	W24X117	C2
		6213.5	1811.2	169	193.2	217.4	164263	7.15	W610X174	

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63-1822	IZ®	117.5	71.7	65.8	70.7	75.7	945.6	22.11	W12X305	C2
		6318.4	1822.2	321.3	345.4	369.5	129135.5	6.74	W310X454	
63-1895	IZ®	117.7	74.6	59.8	64.5	69.3	964.1	23.19	W14X283	C2
		6328	1895.2	291.9	315.1	338.3	131655.1	7.07	W360X421	
65-1740	IZ®	120.6	68.5	32	37.1	42.3	1329	22.99	W27X94	C2
		6482.6	1740.2	156	181.2	206.5	181489.6	7.01	W690X140	
66-1813	IZ®	122.5	71.4	37	41.9	46.9	1294.6	23.52	W24X131	C2
		6584.2	1813.2	180.5	204.7	228.9	176791	7.17	W610X195	
68-1898	IZ®	125.5	74.7	64.2	68.9	73.7	1048.7	23.29	W14X311	C2
		6748.3	1898.2	313.4	336.5	359.7	143215.7	7.1	W360X463	
68-1801	IZ®	125.8	70.9	43.1	48.1	53.1	1267.2	22.99	W21X166	C2
		6761.6	1801.2	210.4	234.8	259.2	173042.9	7.01	W530X248	
68-1740	IZ®	125.8	68.5	33.4	38.6	43.8	1402.8	23.02	W27X102	C2
		6763.1	1740.2	163.2	188.4	213.7	191565.1	7.02	W690X152	
68-1826	IZ®	126	71.9	70.9	75.8	80.7	1038.5	22.2	W12X336	C2
		6774.9	1826.2	346	370	394	141817.7	6.77	W310X500	
70-1750	IZ®	129.6	68.9	31	36.2	41.3	1519.3	23.55	W30X90	C2
		6966.2	1750.2	151.5	176.6	201.7	207474.8	7.18	W760X134	
70-1814	IZ®	130.7	71.4	39.4	44.4	49.3	1403.3	23.58	W24X146	C2
		7029.4	1814.2	192.5	216.7	240.9	191630.9	7.19	W610X217	
71-1742	IZ®	132.1	68.6	35.4	40.6	45.7	1494.7	23.06	W27X114	C2
		7100	1742.2	172.9	198.1	223.3	204115.1	7.03	W690X170	
71-1804	IZ®	132.4	71	45.8	50.8	55.8	1352.7	23.06	W21X182	C2
		7119.2	1804.2	223.6	247.9	272.2	184721.7	7.03	W530X272	
72-1751	IZ®	134.4	68.9	32.7	37.8	42.9	1596.5	23.58	W30X99	C2
		7226.8	1751.2	159.5	184.6	209.6	218022.2	7.19	W760X147	
72-1902	IZ®	134.6	74.9	69	73.8	78.5	1149.4	23.39	W14X342	C2
		7235.8	1902.2	337.1	360.2	383.3	156963	7.13	W360X509	

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75-1815	IZ®	138.8	71.5	42.1	47.1	52.1	1514	23.62	W24X162	C2
		7459.7	1815.2	205.8	230	254.2	206750.7	7.2	W610X241	
76-1752	IZ®	140.8	69	34.2	39.3	44.5	1694.7	23.62	W30X108	C2
		7567.4	1752.2	167	192.1	217.1	231428.9	7.2	W760X161	
76-1805	IZ®	140.9	71.1	49	54	58.9	1463.4	23.12	W21X201	C2
		7572.9	1805.2	239.1	263.4	287.7	199844	7.05	W530X300	
76-1740	IZ®	141.7	68.5	38	43.2	48.4	1637.4	23.09	W27X129	C2
		7618.3	1740.2	185.8	211	236.2	223595.9	7.04	W690X192	
77-1904	IZ®	143.2	75	73.4	78.2	82.9	1245.7	23.45	W14X370	C2
		7701.5	1904.2	358.6	381.6	404.7	170109.7	7.15	W360X551	
78-1841	IZ®	145.5	72.5	38.9	43.8	48.7	1688.5	24.37	W27X146	C2
		7824.3	1841.2	190.1	213.9	237.8	230583.1	7.43	W690X217	
79-1813	IZ®	146.2	71.4	44.4	49.4	54.3	1617.2	23.62	W24X176	C2
		7862.9	1813.2	216.8	241	265.3	220842.7	7.2	W610X262	
79-1753	IZ®	146.6	69	35.7	40.8	45.9	1786.1	23.65	W30X116	C2
		7883.1	1753.2	174.1	199.1	224.2	243901.6	7.21	W760X173	
81-1907	IZ®	151.4	75.1	77.8	82.5	87.2	1342.5	23.52	W14X398	C2
		8137.6	1907.2	379.8	402.9	425.9	183334.4	7.17	W360X592	
82-1753	IZ®	152.2	69	36.9	42.1	47.2	1873.8	23.68	W30X124	C2
		8185.4	1753.2	180.4	205.4	230.5	255879.1	7.22	W760X185	
83-1815	IZ®	153.5	71.5	47	52	56.9	1721.3	23.68	W24X192	C2
		8253	1815.2	229.6	253.7	277.9	235065.1	7.22	W610X285	
83-1842	IZ®	153.6	72.5	41.4	46.3	51.2	1810.4	24.4	W27X161	C2
		8259.1	1842.2	202.3	226.2	250	247224.7	7.44	W690X240	
85-1754	IZ®	157.3	69.1	38.4	43.5	48.6	1956.6	23.71	W30X132	C2
		8455.3	1754.2	187.4	212.5	237.5	267193	7.23	W760X196	
86-1910	IZ®	160.2	75.2	82.1	86.8	91.6	1446.1	23.62	W14X426	C2
		8610.4	1910.2	401	424	447	197482.9	7.2	W360X634	

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87-1816	IZ®	161.1	71.5	49.6	54.5	59.5	1830.4	23.71	W24X207	C2
		8659.8	1816.2	242	266.1	290.3	249958	7.23	W610X307	
87-1778	IZ®	161.4	70	35.4	40.5	45.5	2113.2	24.47	W33X118	C2
		8679.7	1778.2	173	197.7	222.4	288575	7.46	W840X176	
87-1844	IZ®	162	72.6	44.2	49.1	53.9	1937.3	24.47	W27X178	C2
		8710.7	1844.2	215.7	239.5	263.4	264551.9	7.46	W690X265	
90-1914	IZ®	168.1	75.4	86.6	91.3	96	1545.2	23.71	W14X455	C2
		9038.1	1914.2	422.7	445.7	468.6	211011.9	7.23	W360X677	
91-1752	IZ®	168.9	69	41.2	46.3	51.4	2145.8	23.75	W30X148	C2
		9081.5	1752.2	201.1	226.1	251.2	293025	7.24	W760X220	
92-1778	IZ®	170.6	70	37.5	42.6	47.6	2269.1	24.5	W33X130	C2
		9173.9	1778.2	183.1	207.8	232.5	309870.6	7.47	W840X193	
92-1819	IZ®	171.4	71.6	53.2	58.1	63.1	1982.3	23.81	W24X229	C2
		9213.9	1819.2	259.7	283.8	308	270702.8	7.26	W610X341	
93-1842	IZ®	172.6	72.5	46.9	51.7	56.6	2098.5	24.47	W27X194	C2
		9279.9	1842.2	228.7	252.6	276.4	286571.5	7.46	W690X289	
95-1867	IZ®	176.3	73.5	42.8	47.6	52.4	2262	25.22	W30X173	C2
		9478.8	1867.2	208.9	232.4	255.9	308890	7.69	W760X257	
96-1779	IZ®	179.1	70	39.4	44.4	49.5	2417.6	24.53	W33X141	C2
		9628.3	1779.2	192.3	217	241.6	330137.9	7.48	W840X210	
98-1821	IZ®	181.9	71.7	56.7	61.6	66.5	2139.1	23.88	W24X250	C2
		9778.5	1821.2	276.6	300.8	324.9	292114.2	7.28	W610X372	
98-1918	IZ®	182.2	75.5	93.5	98.2	102.9	1724.2	23.81	W14X500	C2
		9795.8	1918.2	456.6	479.5	502.4	235448.7	7.26	W360X744	
99-1845	IZ®	184.9	72.6	50.6	55.5	60.4	2291.2	24.57	W27X217	C2
		9940.3	1845.2	247.1	270.9	294.7	312886.5	7.49	W690X323	
100-1790	IZ®	185.4	70.5	38.1	43.1	48.1	2623.4	25.06	W36X135	C2
		9967.6	1790.2	185.8	210.4	234.9	358249	7.64	W920X201	

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				60%	80%	100%				
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101-1868	IZ®	186.9	73.6	45.7	50.5	55.3	2436.6	25.26	W30X191	C2
		10046.9	1868.2	223	246.5	270.1	332745	7.7	W760X284	
101-1780	IZ®	187	70.1	41.3	46.3	51.4	2558.9	24.6	W33X152	C2
		10055.9	1780.2	201.4	226.1	250.8	349440.6	7.5	W840X226	
104-1846	IZ®	193.9	72.7	53.6	58.5	63.4	2437.3	24.6	W27X235	C2
		10426.9	1846.2	261.8	285.6	309.4	332828.6	7.5	W690X350	
105-1824	IZ®	195.2	71.8	61.4	66.3	71.3	2343.7	23.94	W24X279	C2
		10494.1	1824.2	299.9	323.9	348	320051.3	7.3	W610X415	
106-1923	IZ®	197.9	75.7	101	105.7	110.3	1930.5	23.98	W14X550	C2
		10638.8	1923.2	493	515.8	538.7	263628.4	7.31	W360X818	
107-1870	IZ®	198.4	73.6	48.9	53.7	58.5	2632.2	25.32	W30X211	C2
		10667.6	1870.2	238.8	262.2	285.7	359456.3	7.72	W760X314	
107-1790	IZ®	198.5	70.5	40.7	45.7	50.7	2865.8	25.12	W36X150	C2
		10669.6	1790.2	198.6	223.1	247.6	391350.7	7.66	W920X223	
107-1778	IZ®	199.8	70	44	49.1	54.1	2785.3	24.6	W33X169	C2
		10740.7	1778.2	214.9	239.6	264.3	380359.6	7.5	W840X251	
111-1791	IZ®	205.7	70.5	42.4	47.4	52.4	3005.1	25.16	W36X160	C2
		11060.5	1791.2	206.8	231.3	255.8	410369.3	7.67	W920X238	
111-1848	IZ®	206.1	72.8	57.2	62.1	67	2634.5	24.67	W27X258	C2
		11081.7	1848.2	279.4	303.2	326.9	359768.5	7.52	W690X384	
112-1826	IZ®	208.3	71.9	65.8	70.7	75.6	2549.2	24.01	W24X306	C2
		11198	1826.2	321	345.1	369.1	348120.9	7.32	W610X455	
113-1786	IZ®	210	70.3	40.6	45.6	50.6	3190.5	25.45	W40X149	C2
		11288.8	1786.2	198.1	222.7	247.3	435689	7.76	W1000X222	
114-1886	IZ®	211.2	74.3	46.9	51.6	56.4	2992.3	25.98	W33X201	C2
		11354.5	1886.2	228.8	252.1	275.4	408629.2	7.92	W840X299	
115-1792	IZ®	213.2	70.6	44	49	54.1	3148.1	25.19	W36X170	C2
		11460.7	1792.2	215	239.5	264	429906.7	7.68	W920X253	

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115-1868	IZ®	213.9	73.6	52.8	57.6	62.5	2894.3	25.35	W30X235	C2
		11497.7	1868.2	257.9	281.4	304.9	395236.7	7.73	W760X350	
116-1928	IZ®	215.7	75.9	109.9	114.5	119.2	2172.8	24.11	W14X605	C2
		11596	1928.2	536.5	559.3	582	296709.1	7.35	W360X900	
118-1850	IZ®	218.5	72.8	61.1	65.9	70.8	2839.7	24.73	W27X281	C2
		11747.4	1850.2	298.2	321.9	345.7	387792.4	7.54	W690X419	
119-1793	IZ®	221.1	70.6	46.1	51.1	56.1	3304.3	25.22	W36X182	C2
		11886.9	1793.2	224.9	249.4	273.9	451230.7	7.69	W920X271	
119-1829	IZ®	222	72	70.6	75.5	80.4	2769.6	24.11	W24X335	C2
		11935.2	1829.2	344.5	368.5	392.5	378215.1	7.35	W610X498	
121-1887	IZ®	224.1	74.3	50.1	54.8	59.6	3230	26.04	W33X221	C2
		12048.4	1887.2	244.5	267.8	291	441090.3	7.94	W840X329	
122-1786	IZ®	227.7	70.3	43.6	48.7	53.7	3540.5	25.52	W40X167	C2
		12240.6	1786.2	213.1	237.7	262.2	483492.1	7.78	W1000X249	
123-1871	IZ®	227.9	73.7	57	61.8	66.7	3142.6	25.42	W30X261	C2
		12253.3	1871.2	278.5	301.9	325.4	429147.1	7.75	W760X389	
123-1794	IZ®	228.7	70.6	48	53	58	3455.7	25.26	W36X194	C2
		12295.9	1794.2	234.4	258.9	283.4	471910.6	7.7	W920X289	
124-1853	IZ®	231.3	73	65.1	70	74.8	3055.2	24.8	W27X307	C2
		12433.5	1853.2	318	341.7	365.4	417208.4	7.56	W690X457	
126-1934	IZ®	234.7	76.1	118.7	123.3	128	2447.2	24.27	W14X665	C2
		12616.8	1934.2	579.5	602.2	624.9	334193.3	7.4	W360X990	
127-1889	IZ®	236.6	74.4	53.3	58	62.8	3462.7	26.11	W33X241	C2
		12722.8	1889.2	260	283.3	306.5	472864.2	7.96	W840X359	
128-1833	IZ®	238.4	72.2	76.3	81.2	86.1	3041.1	24.21	W24X370	C2
		12819.5	1833.2	372.5	396.4	420.4	415286.4	7.38	W610X551	
129-1795	IZ®	238.9	70.7	50.8	55.8	60.8	3661.2	25.29	W36X210	C2
		12845.2	1795.2	247.9	272.3	296.8	499974	7.71	W920X313	

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131-1904	IZ®	243	75	51	55.7	60.4	3690.9	26.6	W36X230	C2
		13061.8	1904.2	248.9	272	295	504019.2	8.11	W920X342	
132-1786	IZ®	244.6	70.3	46.3	51.4	56.4	3880.9	25.58	W40X183	C2
		13150.1	1786.2	226.3	250.8	275.4	529968.1	7.8	W1000X272	
132-1886	IZ®	245.9	74.3	46.4	51.2	56	3914.3	26.83	W40X199	C2
		13218.5	1886.2	226.7	250	273.3	534529.3	8.18	W1000X296	
132-1873	IZ®	246	73.7	62	66.8	71.6	3464.5	25.49	W30X292	C2
		13228.2	1873.2	302.5	325.9	349.4	473105.6	7.77	W760X434	
133-1856	IZ®	246.5	73.1	69.8	74.6	79.5	3318.9	24.9	W27X336	C2
		13254.7	1856.2	340.8	364.4	388.1	453222.9	7.59	W690X500	
136-1887	IZ®	252.8	74.3	56.9	61.7	66.4	3766.2	26.11	W33X263	C2
		13590.9	1887.2	277.8	301.1	324.3	514307.9	7.96	W840X392	
136-1905	IZ®	253.1	75	53.4	58.1	62.8	3887	26.63	W36X245	C2
		13607.2	1905.2	260.7	283.8	306.8	530801	8.12	W920X365	
138-1940	IZ®	256.5	76.4	128.3	132.9	137.5	2767.3	24.44	W14X730	C2
		13790.9	1940.2	626.2	648.9	671.5	377893.2	7.45	W360X1086	
138-1794	IZ®	256.8	70.6	54.4	59.4	64.4	4019	25.32	W36X232	C2
		13805.6	1794.2	265.5	290	314.4	548828.5	7.72	W920X345	
141-1886	IZ®	262.4	74.3	49.2	53.9	58.7	4248.8	26.9	W40X215	C2
		14107	1886.2	240.1	263.3	286.6	580215.7	8.2	W1000X321	
141-1858	IZ®	262.8	73.2	75	79.8	84.7	3604.2	24.96	W27X368	C2
		14127.2	1858.2	366.2	389.8	413.5	492179.6	7.61	W690X548	
142-1906	IZ®	263.1	75	55.7	60.5	65.2	4085.6	26.67	W36X260	C2
		14145.1	1906.2	272.1	295.2	318.2	557928.6	8.13	W920X387	
142-1786	IZ®	264.1	70.3	51.1	56.1	61.2	4302.4	25.62	W40X211	C2
		14199.1	1786.2	249.5	274.1	298.7	587532.2	7.81	W1000X314	
142-1876	IZ®	264.4	73.9	67.3	72.1	76.9	3800	25.58	W30X326	C2
		14214.5	1876.2	328.8	352.2	375.6	518925.5	7.8	W760X484	

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145-1890	IZ®	269.6	74.4	61.3	66.1	70.8	4089.2	26.21	W33X291	C2
		14491.9	1890.2	299.4	322.6	345.8	558410.3	7.99	W840X433	
147-1796	IZ®	272.4	70.7	58.5	63.5	68.5	4345	25.39	W36X256	C2
		14647.6	1796.2	285.7	310.2	334.6	593347.9	7.74	W920X381	
147-1957	IZ®	273.8	77.1	139.5	144.1	148.7	3015.7	24.6	W14X808	C2
		14718.2	1957.2	681	703.4	725.8	411820.9	7.5	W360X1202	
149-1908	IZ®	277.1	75.1	59	63.7	68.4	4366.5	26.73	W36X280	C2
		14896.6	1908.2	287.9	310.9	333.9	596285.2	8.15	W920X417	
151-1788	IZ®	280.6	70.4	55.1	60.1	65.2	4663.1	25.68	W40X235	C2
		15086.9	1788.2	269	293.6	318.1	636785.6	7.83	W1000X350	
152-1879	IZ®	282.1	74	72.3	77.1	81.9	4130.4	25.68	W30X357	C2
		15165.1	1879.2	352.9	376.3	399.6	564040.4	7.83	W760X531	
154-1886	IZ®	286	74.3	54.6	59.4	64.2	4753.3	26.93	W40X249	C2
		15376.6	1886.2	266.7	290	313.3	649109.5	8.21	W1000X371	
154-1892	IZ®	286.1	74.5	65.6	70.3	75.1	4413.1	26.27	W33X318	C2
		15382.9	1892.2	320.2	343.4	366.6	602641.6	8.01	W840X473	
156-1909	IZ®	289.7	75.2	62.1	66.8	71.6	4619.7	26.77	W36X300	C2
		15574	1909.2	303.4	326.4	349.4	630856	8.16	W920X446	
160-1886	IZ®	297	74.3	51.6	56.3	61.1	5276.6	27.52	W44X230	C2
		15969.1	1886.2	251.7	275	298.3	720569.4	8.39	W1100X343	
160-1789	IZ®	297.8	70.4	60	65	70.1	5052.2	25.75	W40X264	C2
		16012	1789.2	293	317.5	342.1	689920.5	7.85	W1000X393	
162-1882	IZ®	300.6	74.1	77.8	82.6	87.4	4483.9	25.75	W30X391	C2
		16161.3	1882.2	379.9	403.2	426.5	612310.4	7.85	W760X582	
164-1888	IZ®	304.9	74.3	59	63.8	68.5	5164	26.99	W40X277	C2
		16391.2	1888.2	288	311.3	334.5	705187.6	8.23	W1000X412	
165-1790	IZ®	306.6	70.5	62.5	67.5	72.5	5251	25.75	W40X278	C2
		16481.5	1790.2	305.1	329.6	354.2	717070.3	7.85	W1000X415	

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165-1895	IZ®	307.2	74.6	71.2	76	80.7	4834.5	26.34	W33X354	C2
		16518.5	1895.2	347.9	371	394.2	660190.8	8.03	W840X527	
166-1908	IZ®	308.1	75.1	66.5	71.3	76	4999.7	26.8	W36X328	C2
		16565.5	1908.2	324.9	347.9	370.9	682758.8	8.17	W920X488	
170-1888	IZ®	315.4	74.3	62.3	67.1	71.8	5403.3	26.99	W40X297	C2
		16955.3	1888.2	304.2	327.5	350.8	737862.7	8.23	W1000X443	
174-1886	IZ®	323.6	74.3	56.8	61.5	66.3	5890	27.59	W44X262	C2
		17396.6	1886.2	277.1	300.4	323.7	804335.1	8.41	W1100X390	
176-1911	IZ®	326.5	75.2	71.3	76	80.7	5385.6	26.86	W36X359	C2
		17555.9	1911.2	348.2	371.2	394.2	735445.9	8.19	W920X534	
176-1897	IZ®	326.7	74.7	76.5	81.3	86	5233.7	26.44	W33X387	C2
		17562.9	1897.2	373.6	396.7	419.8	714709.6	8.06	W840X576	
180-1890	IZ®	335	74.4	66.6	71.3	76.1	5834.8	27.09	W40X324	C2
		18012.3	1890.2	325.1	348.3	371.6	796798.3	8.26	W1000X483	
183-1794	IZ®	339.8	70.6	70.5	75.5	80.5	6005.6	25.88	W40X327	C2
		18267	1794.2	344.2	368.7	393.2	820118.4	7.89	W1000X486	
184-1795	IZ®	341.4	70.7	71.4	76.4	81.4	6045	25.91	W40X331	C2
		18355.7	1795.2	348.4	372.9	397.4	825494.6	7.9	W1000X494	
185-1888	IZ®	344.8	74.3	61.4	66.1	70.9	6396.3	27.65	W44X290	C2
		18536.4	1888.2	299.7	322.9	346.2	873477.5	8.43	W1100X433	
187-1913	IZ®	347.8	75.3	76.8	81.5	86.2	5841.9	26.96	W36X393	C2
		18700.7	1913.2	374.9	397.9	420.8	797760.9	8.22	W920X585	
188-1873	IZ®	350.2	73.7	102	106.8	111.6	5249.3	25.42	W27X539	C2
		18829.2	1873.2	497.8	521.2	544.7	716843.2	7.75	W690X802	
193-1893	IZ®	358.8	74.5	72.6	77.3	82.1	6377.1	27.16	W40X362	C2
		19291.7	1893.2	354.4	377.6	400.8	870848.8	8.28	W1000X539	
196-1894	IZ®	364.1	74.6	74.2	78.9	83.7	6500.1	27.19	W40X372	C2
		19575.6	1894.2	362.1	385.3	408.5	887641.5	8.29	W1000X554	

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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)	
200-1891	IZ®	372	74.5	68.2	72.9	77.7	7066	27.72	W44X335	C2
		19997.9	1891.2	332.8	356	379.3	964930.8	8.45	W1100X499	
202-1917	IZ®	376.2	75.5	83.8	88.5	93.2	6452.4	27.06	W36X439	C2
		20223.6	1917.2	409.4	432.3	455.2	881126.4	8.25	W920X653	
206-1895	IZ®	382.5	74.6	78.1	82.9	87.6	6919.9	27.22	W40X397	C2
		20563.1	1895.2	381.4	404.6	427.7	944978.2	8.3	W1000X591	
206-1800	IZ®	383.2	70.9	81.4	86.4	91.4	7022.7	26.08	W40X392	C2
		20600.6	1800.2	397.6	422	446.4	959005.8	7.95	W1000X584	
217-1898	IZ®	403.6	74.7	83.5	88.2	93	7411.1	27.32	W40X431	C2
		21697.8	1898.2	407.7	430.8	454	1012057.3	8.33	W1000X642	
232-1923	IZ®	430.8	75.7	97.5	102.1	106.8	7673.5	27.26	W36X527	C2
		23161.2	1923.2	475.9	498.7	521.5	1047890.3	8.31	W920X784	
243-1903	IZ®	451.9	74.9	94.9	99.6	104.3	8563.1	27.49	W40X503	C2
		24297.5	1903.2	463.1	486.2	509.3	1169368	8.38	W1000X748	
272-1932	IZ®	506.5	76.1	116.3	121	125.6	9439.7	27.52	W36X650	C2
		27229.6	1932.2	567.9	590.6	613.3	1289072.7	8.39	W920X967	
276-1910	IZ®	513.1	75.2	109.2	113.9	118.7	10064.1	27.68	W40X593	C2
		27586.7	1910.2	533.3	556.3	579.3	1374342.9	8.44	W1000X883	
323-1943	IZ®	600.1	76.5	138.8	143.5	148.1	11735.2	27.85	W36X798	C2
		32261.8	1943.2	677.8	700.4	723	1602542.2	8.49	W920X1188	

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				60%	80%	100%				
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38-1785	IZ®	71.2	70.3	25.9	32.6	39.2	630.9	21.19	W18X35	C3
		3829.3	1784.6	126.5	159	191.4	86158.8	6.46	W460X52	
39-1786	IZ®	73.4	70.3	26.8	33.4	40	652.6	21.25	W18X40	C3
		3944.4	1785.6	130.6	163.1	195.5	89112.7	6.48	W460X60	
41-1787	IZ®	75.3	70.3	27.8	34.4	41	672.6	21.29	W18X46	C3
		4050.7	1786.6	135.6	168	200.4	91842.8	6.49	W460X68	
41-1823	IZ®	75.4	71.8	27.9	34.4	40.9	672.4	21.75	W18X50	C3
		4056	1822.6	136	167.8	199.6	91820.2	6.63	W460X74	
42-1824	IZ®	77.2	71.8	28.8	35.3	41.8	689.9	21.75	W18X55	C3
		4149.6	1823.6	140.4	172.2	203.9	94213.1	6.63	W460X82	
42-1825	IZ®	78.9	71.8	29.5	36	42.5	707.5	21.78	W18X60	C3
		4242.3	1824.6	144.2	176	207.7	96608.8	6.64	W460X89	
43-1798	IZ®	80.5	70.8	27.3	33.9	40.5	758.2	21.84	W21X44	C3
		4327.5	1797.6	133.2	165.4	197.6	103545.1	6.66	W530X66	
43-1840	IZ®	80.5	72.4	27.3	33.8	40.2	759.1	22.4	W21X48	C3
		4328.9	1839.6	133.3	164.8	196.3	103657.8	6.83	W530X72	
43-1826	IZ®	80.6	71.9	30.3	36.8	43.3	724.6	21.81	W18X65	C3
		4331.7	1825.6	148	179.7	211.5	98952.8	6.65	W460X97	
44-1913	IZ®	81.4	75.3	30.7	36.9	43.1	730.8	22.93	W18X76	C3
		4378.2	1912.6	149.9	180.2	210.5	99799.5	6.99	W460X113	
44-1827	IZ®	82.4	71.9	31.4	37.8	44.3	743.8	21.84	W18X71	C3
		4431.4	1826.6	153.1	184.8	216.5	101574.4	6.66	W460X106	
45-1799	IZ®	83	70.8	28.3	34.9	41.4	786.8	21.88	W21X50	C3
		4465	1798.6	138	170.2	202.4	107437.7	6.67	W530X74	
45-1842	IZ®	83.7	72.5	28.5	34.9	41.4	793.7	22.43	W21X55	C3
		4498.7	1841.6	139.1	170.5	201.9	108386.4	6.84	W530X82	
46-1915	IZ®	84.8	75.4	32.3	38.5	44.7	764.5	22.99	W18X86	C3
		4558.5	1914.6	157.5	187.8	218	104399.9	7.01	W460X128	

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47-1799	IZ®	86.4	70.8	29.4	36	42.6	825.2	21.91	W21X57	C3
		4646.4	1798.6	143.7	175.9	208.1	112682.3	6.68	W530X85	
47-1842	IZ®	87	72.5	29.6	36.1	42.5	830.8	22.47	W21X62	C3
		4676.5	1841.6	144.6	176	207.5	113454.5	6.85	W530X92	
48-1916	IZ®	88.6	75.4	34	40.2	46.4	803.3	23.02	W18X97	C3
		4760.9	1915.6	166.1	196.3	226.5	109703	7.02	W460X144	
48-1843	IZ®	89.6	72.5	30.6	37	43.4	860.4	22.5	W21X68	C3
		4815.2	1842.6	149.2	180.6	212.1	117495.2	6.86	W530X101	
49-1917	IZ®	91.3	75.5	35.4	41.6	47.8	832.9	23.06	W18X106	C3
		4911.1	1916.6	172.9	203.2	233.4	113744.1	7.03	W460X158	
49-1844	IZ®	91.5	72.6	31.4	37.8	44.3	882.4	22.53	W21X73	C3
		4919.8	1843.6	153.4	184.8	216.2	120505.2	6.87	W530X109	
50-1811	IZ®	93.1	71.3	29	35.5	42.1	936.6	22.5	W24X55	C3
		5007.2	1810.6	141.4	173.4	205.4	127898.2	6.86	W610X82	
51-1845	IZ®	95.3	72.6	33	39.4	45.8	926.6	22.57	W21X83	C3
		5124.3	1844.6	161	192.4	223.7	126541.6	6.88	W530X123	
52-1919	IZ®	95.9	75.5	37.5	43.7	49.8	881.6	23.09	W18X119	C3
		5156.7	1918.6	183	213.2	243.3	120387.8	7.04	W460X177	
52-1812	IZ®	96.5	71.3	30.1	36.7	43.2	977.7	22.53	W24X62	C3
		5186.2	1811.6	147	179	210.9	133519.3	6.87	W610X92	
53-1861	IZ®	97.9	73.3	30.3	36.6	43	996.1	23.19	W24X68	C3
		5263.7	1860.6	147.8	178.9	210	136027.2	7.07	W610X101	
53-1847	IZ®	99.1	72.7	34.6	41	47.4	971.7	22.6	W21X93	C3
		5328.2	1846.6	168.9	200.2	231.6	132689.3	6.89	W530X138	
53-1945	IZ®	99.4	76.6	34.2	40.3	46.4	971.6	23.88	W21X101	C3
		5344.4	1944.6	166.8	196.6	226.4	132679.2	7.28	W530X150	
54-1916	IZ®	100.4	75.4	39.3	45.5	51.7	931.4	23.12	W18X130	C3
		5398.2	1915.6	191.9	222.1	252.3	127195.3	7.05	W460X193	

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55-2090	IZ®	101.8	82.3	43.4	49.1	54.8	910.4	25.12	HP18x181	C3
		5475.7	2089.8	212	239.7	267.4	124318.9	7.66	HP360x269	
55-1861	IZ®	102.2	73.3	31.6	37.9	44.3	1049.1	23.22	W24X76	C3
		5492.7	1860.6	154.1	185.2	216.3	143259.7	7.08	W610X113	
55-1946	IZ®	103	76.6	35.7	41.8	47.9	1012.7	23.91	W21X111	C3
		5536.3	1945.6	174.4	204.2	233.9	138295.2	7.29	W530X165	
56-1918	IZ®	105	75.5	41.3	47.5	53.6	982.3	23.16	W18X143	C3
		5644.9	1917.6	201.5	231.7	261.9	134147.8	7.06	W460X213	
57-1862	IZ®	106.2	73.3	32.8	39.2	45.6	1099.3	23.25	W24X84	C3
		5708.3	1861.6	160.3	191.4	222.5	150120	7.09	W610X125	
58-1948	IZ®	107.2	76.7	37.3	43.4	49.5	1063.3	23.94	W21X122	C3
		5764.4	1947.6	182.3	212	241.7	145207.1	7.3	W530X182	
58-2093	IZ®	108.6	82.4	46.8	52.5	58.2	982	25.19	HP18x204	C3
		5836.2	2093	228.7	256.3	284	134098.8	7.68	HP460x304	
59-1920	IZ®	109.9	75.6	43.6	49.8	55.9	1037.2	23.22	W18X158	C3
		5906.6	1919.6	212.8	242.9	273.1	141637.8	7.08	W460X235	
60-1863	IZ®	111	73.3	34.5	40.9	47.3	1161	23.29	W24X94	C3
		5965.1	1862.6	168.7	199.8	230.9	158539.3	7.1	W610X140	
60-1957	IZ®	111	77	34.5	40.5	46.6	1161.1	24.47	W24X104	C3
		5967.8	1956.6	168.2	197.8	227.4	158560.7	7.46	W610X155	
60-1949	IZ®	111.1	76.7	38.9	45	51.1	1108.3	23.98	W21X132	C3
		5971.4	1948.6	189.8	219.6	249.3	151344	7.31	W530X196	
62-1862	IZ®	115.7	73.3	36	42.3	48.7	1223.4	23.29	W24X103	C3
		6222.2	1861.6	175.5	206.6	237.7	167064.6	7.1	W610X153	
62-1886	IZ®	115.8	74.2	32.5	38.8	45.1	1269.9	23.98	W27X84	C3
		6225.1	1885.6	158.7	189.4	220.1	173416.3	7.31	W690X125	
62-1922	IZ®	116.1	75.7	46.2	52.4	58.5	1109.6	23.29	W18X175	C3
		6243.6	1921.6	225.6	255.7	285.9	151522.1	7.1	W460X260	

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63-1951	IZ®	116.9	76.8	41.2	47.3	53.4	1179.2	24.04	W21X147	C3
		6285.4	1950.6	201.3	231	260.7	161035.2	7.33	W530X219	
63-1958	IZ®	116.9	77.1	36.4	42.5	48.5	1236.7	24.5	W24X117	C3
		6287.2	1957.6	177.7	207.3	236.9	168889	7.47	W610X174	
66-1887	IZ®	121.8	74.3	34	40.3	46.6	1352.5	24.04	W27X94	C3
		6548.9	1886.6	166.1	196.8	227.5	184696	7.33	W690X140	
66-1960	IZ®	123.4	77.1	38.6	44.6	50.7	1321	24.57	W24X131	C3
		6632.5	1959.6	188.4	217.9	247.5	180394.3	7.49	W610X195	
68-1948	IZ®	126.5	76.7	44.3	50.4	56.4	1298	24.04	W21X166	C3
		6799.3	1947.6	216.1	245.9	275.6	177258.3	7.33	W530X248	
68-1887	IZ®	126.7	74.3	35.4	41.7	48	1420.3	24.07	W27X102	C3
		6812	1886.6	172.8	203.5	234.2	193961.3	7.34	W690X152	
70-1897	IZ®	130.7	74.7	33.2	39.4	45.7	1527.6	24.6	W30X90	C3
		7024.5	1896.6	161.9	192.5	223	208606.1	7.5	W760X134	
71-1961	IZ®	131.1	77.2	40.9	46.9	53	1421	24.63	W24X146	C3
		7047	1960.6	199.5	229	258.6	194055	7.51	W610X217	
71-1889	IZ®	132.6	74.4	37.2	43.5	49.8	1504.9	24.11	W27X114	C3
		7129.2	1888.6	181.7	212.4	243.1	205511.5	7.35	W690X170	
71-1951	IZ®	132.6	76.8	46.8	52.8	58.9	1376.4	24.11	W21X182	C3
		7130.4	1950.6	228.3	258	287.6	187958.5	7.35	W530X272	
73-1898	IZ®	135.3	74.7	34.7	40.9	47.2	1599	24.63	W30X99	C3
		7272.9	1897.6	169.3	199.8	230.3	218361	7.51	W760X147	
75-1962	IZ®	138.6	77.2	43.4	49.4	55.5	1523	24.67	W24X162	C3
		7449.4	1961.6	211.8	241.3	270.8	207982.6	7.52	W610X241	
76-1952	IZ®	140.4	76.8	49.7	55.8	61.8	1478	24.17	W21X201	C3
		7550.9	1951.6	242.6	272.3	302	201837.6	7.37	W530X300	
76-1899	IZ®	141.3	74.7	36.1	42.3	48.6	1689.9	24.67	W30X108	C3
		7596.7	1898.6	176.2	206.7	237.2	230770.3	7.52	W760X161	

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76-1887	IZ®	141.7	74.3	39.6	45.9	52.2	1636.5	24.14	W27X129	C3
		7617.4	1886.6	193.6	224.3	255	223471.8	7.36	W690X192	
78-2051	IZ®	144.2	80.7	72.4	78.2	84	1287.8	24.5	W14X370	C3
		7752.6	2050.6	353.4	381.7	409.9	175863.7	7.47	W360X551	
78-1988	IZ®	145.3	78.3	40.4	46.4	52.3	1683.9	25.42	W27X146	C3
		7810.4	1987.6	197.2	226.3	255.4	229952.1	7.75	W690X217	
78-1960	IZ®	145.6	77.1	45.5	51.5	57.6	1618.2	24.67	W24X176	C3
		7826.3	1959.6	222	251.6	281.1	220983.6	7.52	W610X262	
79-1900	IZ®	146.9	74.8	37.4	43.7	49.9	1774.5	24.7	W30X116	C3
		7896.8	1899.6	182.8	213.2	243.7	242325.1	7.53	W760X173	
82-2054	IZ®	151.5	80.9	76.4	82.2	88	1376	24.57	W14X398	C3
		8147.3	2053.6	373.2	401.4	429.6	187900.7	7.49	W360X592	
82-1900	IZ®	152.2	74.8	38.6	44.9	51.1	1855.8	24.73	W30X124	C3
		8184.1	1899.6	188.5	219	249.5	253427.1	7.54	W760X185	
82-1962	IZ®	152.4	77.2	47.9	53.9	60	1714.4	24.73	W24X192	C3
		8192.3	1961.6	233.8	263.3	292.8	234113.8	7.54	W610X285	
82-1989	IZ®	152.9	78.3	42.7	48.7	54.6	1796.9	25.45	W27X161	C3
		8222	1988.6	208.5	237.6	266.8	245384.7	7.76	W690X240	
84-1901	IZ®	157	74.8	39.9	46.2	52.4	1932.7	24.76	W30X132	C3
		8441.8	1900.6	195.1	225.5	256	263930.7	7.55	W760X196	
86-1963	IZ®	159.5	77.3	50.2	56.3	62.3	1815.2	24.76	W24X207	C3
		8573.9	1962.6	245.3	274.8	304.3	247878.3	7.55	W610X307	
86-2057	IZ®	159.5	81	80.5	86.2	92	1470.6	24.67	W14X426	C3
		8577.3	2056.6	392.9	421	449.2	200830.1	7.52	W360X634	
87-1991	IZ®	160.9	78.4	45.3	51.2	57.2	1914.7	25.52	W27X178	C3
		8649	1990.6	220.9	250	279.1	261469.9	7.78	W690X265	
87-1925	IZ®	161.9	75.8	37.2	43.4	49.5	2080.7	25.52	W33X118	C3
		8702.9	1924.6	181.6	211.7	241.8	284134.5	7.78	W840X176	

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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)	
90-2061	IZ®	166.8	81.1	84.6	90.4	96.1	1561.2	24.76	W14X455	C3
		8967.4	2060.6	413.1	441.1	469.2	213195.3	7.55	W360X677	
90-1899	IZ®	168.1	74.7	42.5	48.8	55	2108.3	24.8	W30X148	C3
		9038.4	1898.6	207.7	238.2	268.6	287913	7.56	W760X220	
91-1966	IZ®	169.2	77.4	53.6	59.6	65.7	1955.8	24.86	W24X229	C3
		9094.5	1965.6	261.7	291.1	320.6	267075.4	7.58	W610X341	
92-1925	IZ®	170.7	75.8	39.1	45.3	51.4	2226.1	25.55	W33X130	C3
		9177.3	1924.6	191	221.1	251.2	303992.8	7.79	W840X193	
92-1989	IZ®	170.9	78.3	47.7	53.7	59.6	2064.5	25.52	W27X194	C3
		9187.4	1988.6	233	262.1	291.2	281920.4	7.78	W690X289	
94-2014	IZ®	175.2	79.3	43.9	49.8	55.7	2218.8	26.27	W30X173	C3
		9420.7	2013.6	214.5	243.3	272	302998.7	8.01	W760X257	
96-1926	IZ®	178.8	75.8	40.9	47	53.2	2364.7	25.58	W33X141	C3
		9615	1925.6	199.5	229.5	259.6	322920.6	7.8	W840X210	
96-1968	IZ®	179	77.5	56.8	62.8	68.9	2101	24.93	W24X250	C3
		9625.2	1967.6	277.4	306.8	336.2	286911.9	7.6	W610X372	
97-2065	IZ®	179.7	81.3	91.1	96.8	102.5	1725.2	24.86	W14X500	C3
		9659.8	2064.6	444.6	472.6	500.7	235593.4	7.58	W360X744	
98-1992	IZ®	182.5	78.4	51.2	57.2	63.1	2243.7	25.62	W27X217	C3
		9812.8	1991.6	250	279.1	308.1	306399.3	7.81	W690X323	
100-2015	IZ®	185.3	79.3	46.6	52.5	58.4	2381.9	26.31	W30X191	C3
		9962.6	2014.6	227.7	256.4	285.1	325274.2	8.02	W760X284	
100-1937	IZ®	185.9	76.2	39.6	45.7	51.9	2560.9	26.11	W36X135	C3
		9994.7	1936.6	193.5	223.3	253.2	349707.5	7.96	W920X201	
100-1927	IZ®	186.5	75.9	42.6	48.7	54.9	2496.8	25.65	W33X152	C3
		10026.2	1926.6	207.9	238	268	340959.4	7.82	W840X226	
103-1993	IZ®	191.1	78.4	54	60	65.9	2379.7	25.65	W27X235	C3
		10273.9	1992.6	263.7	292.7	321.8	324966.5	7.82	W690X350	

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103-1971	IZ®	191.6	77.6	61.2	67.2	73.2	2290.8	24.99	W24X279	C3
		10298.7	1970.6	298.9	328.2	357.6	312828.5	7.62	W610X415	
104-2070	IZ®	194.1	81.5	98	103.7	109.4	1914.9	25.03	W14X550	C3
		10433.3	2069.6	478.4	506.4	534.3	261493.2	7.63	W360X818	
106-2017	IZ®	196.3	79.4	49.6	55.5	61.4	2564.8	26.37	W30X211	C3
		10554.9	2016.6	242.2	270.9	299.6	350244.6	8.04	W760X314	
107-1937	IZ®	198.5	76.2	42	48.2	54.3	2788	26.17	W36X150	C3
		10674.2	1936.6	205.2	235.1	265	380732.7	7.98	W920X223	
107-1925	IZ®	198.7	75.8	45.1	51.3	57.5	2708.3	25.65	W33X169	C3
		10683.8	1924.6	220.4	250.4	280.5	369836.8	7.82	W840X251	
109-1995	IZ®	202.6	78.5	57.3	63.3	69.2	2563.5	25.72	W27X258	C3
		10894.3	1994.6	279.9	308.9	338	350066.5	7.84	W690X384	
110-1973	IZ®	203.9	77.7	65.2	71.2	77.2	2481.7	25.06	W24X306	C3
		10961.8	1972.6	318.5	347.8	377.2	338896.4	7.64	W610X455	
111-1938	IZ®	205.6	76.3	43.6	49.7	55.8	2918.8	26.21	W36X160	C3
		11052.1	1937.6	212.8	242.7	272.6	398587	7.99	W920X238	
113-2033	IZ®	209.8	80	47.7	53.6	59.4	2906.7	27.03	W33X201	C3
		11279.5	2032.6	233	261.5	289.9	396933.5	8.24	W840X299	
113-2075	IZ®	210.5	81.7	106.3	112	117.7	2138.1	25.16	W14X605	C3
		11316	2074.6	518.9	546.8	574.7	291982.5	7.67	W360X900	
113-1933	IZ®	210.8	76.1	42	48.1	54.2	3097.3	26.5	W40X149	C3
		11333.6	1932.6	204.8	234.8	264.7	422966	8.08	W1000X222	
114-2015	IZ®	211	79.3	53.3	59.1	65	2809.6	26.4	W30X235	C3
		11345.9	2014.6	260	288.7	317.5	383676.4	8.05	W760X350	
114-1939	IZ®	212.8	76.3	45.1	51.3	57.4	3053.1	26.24	W36X170	C3
		11438.6	1938.6	220.4	250.2	280.1	416928.8	8	W920X253	
115-1997	IZ®	214.4	78.6	60.9	66.8	72.8	2754.9	25.78	W27X281	C3
		11525.2	1996.6	297.3	326.3	355.3	376200.1	7.86	W690X419	

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117-1776	IZ®	216.8	77.8	69.7	75.7	81.7	2686.6	25.16	W24X335	C3
		11656.7	1975.6	340.2	369.5	398.8	366880.3	7.67	W610X498	
119-1940	IZ®	220.4	76.4	47	53.1	59.2	3199.9	26.27	W36X182	C3
		11849.5	1939.6	229.6	259.4	289.3	436968.8	8.01	W920X271	
120-2034	IZ®	222.2	80.1	50.7	56.5	62.4	3129.9	27.09	W33X221	C3
		11945.5	2033.6	247.5	276	304.5	427414.6	8.26	W840X329	
121-2018	IZ®	224.4	79.4	57.2	63	68.9	3042.1	26.47	W30X261	C3
		12066	2017.6	279.1	307.8	336.5	415429.5	8.07	W760X389	
122-2000	IZ®	226.5	78.7	64.7	70.6	76.5	2955.9	25.85	W27X307	C3
		12175.5	1999.6	315.7	344.7	373.6	403659.7	7.88	W690X457	
122-1941	IZ®	227.7	76.4	48.8	54.9	61	3342.2	26.31	W36X194	C3
		12243.6	1940.6	238.4	268.2	298	456410.1	8.02	W920X289	
123-1933	IZ®	228	76.1	44.8	50.9	57.1	3426.2	26.57	W40X167	C3
		12258	1932.6	218.6	248.6	278.5	467884.5	8.1	W1000X249	
123-2081	IZ®	228	81.9	114.5	120.2	125.9	2391.7	25.32	W14X665	C3
		12260.3	2080.6	558.9	586.7	614.5	326609.9	7.72	W360X990	
125-1980	IZ®	232.3	77.9	75	81	87	2939.4	25.26	W24X370	C3
		12491.2	1979.6	366.1	395.4	424.6	401396.2	7.7	W610X551	
126-2036	IZ®	234.2	80.1	53.7	59.5	65.3	3348.4	27.16	W33X241	C3
		12591.5	2035.6	261.9	290.4	318.8	457260.4	8.28	W840X359	
128-1942	IZ®	237.6	76.4	51.4	57.5	63.6	3535.5	26.34	W36X210	C3
		12771.6	1941.6	250.8	280.6	310.4	482798	8.03	W920X313	
130-2003	IZ®	241	78.8	69	74.9	80.8	3202.3	25.94	W27X336	C3
		12954.4	2002.6	336.8	365.7	394.6	437304.4	7.91	W690X500	
130-2051	IZ®	241.3	80.7	51.5	57.3	63.1	3568	27.65	W36X230	C3
		12974	2050.6	251.6	279.8	308.1	487242.7	8.43	W920X342	
130-2020	IZ®	241.7	79.5	61.7	67.6	73.5	3343.5	26.54	W30X292	C3
		12994.3	2019.6	301.3	330	358.7	456587.1	8.09	W760X434	

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131-1933	IZ®	244.4	76.1	47.3	53.4	59.5	3746	26.63	W40X183	C3
		13141.1	1932.6	230.8	260.8	290.7	511554.8	8.12	W1000X272	
132-2033	IZ®	245.8	80	47.3	53.2	59	3784.7	27.88	W40X199	C3
		13217.2	2032.6	231	259.5	288	516837.3	8.5	W1000X296	
134-2087	IZ®	248.3	82.1	123.4	129.1	134.7	2688.2	25.49	W14X730	C3
		13350.6	2086.6	602.4	630.2	657.9	367095.2	7.77	W360X1086	
134-2034	IZ®	249.7	80.1	57	62.9	68.7	3633.3	27.16	W33X263	C3
		13423.3	2033.6	278.4	306.9	335.4	496157	8.28	W840X392	
135-2052	IZ®	251	80.8	53.8	59.6	65.3	3752.6	27.68	W36X245	C3
		13496.9	2051.6	262.6	290.8	319	512447.9	8.44	W920X365	
137-1941	IZ®	254.8	76.4	54.7	60.8	66.9	3871.3	26.37	W36X232	C3
		13697	1940.6	267.1	296.9	326.7	528666.4	8.04	W920X345	
138-2005	IZ®	256.3	78.9	73.8	79.7	85.6	3468.9	26.01	W27X368	C3
		13781.1	2004.6	360.4	389.3	418.1	473713.7	7.93	W690X548	
139-2023	IZ®	259.2	79.6	66.7	72.6	78.4	3658	26.63	W30X326	C3
		13932.9	2022.6	325.7	354.3	383	499535.1	8.12	W760X484	
140-2053	IZ®	260.7	80.8	55.9	61.7	67.5	3939.7	27.72	W36X260	C3
		14013.7	2052.6	273.2	301.4	329.6	538000.5	8.45	W920X387	
141-2033	IZ®	261.8	80	49.9	55.7	61.5	4099.9	27.95	W40X215	C3
		14077.7	2032.6	243.4	271.9	300.4	559878.1	8.52	W1000X321	
142-1933	IZ®	263.3	76.1	51.7	57.8	64	4143.4	26.67	W40X211	C3
		14154.6	1932.6	252.3	282.3	312.3	565822.1	8.13	W1000X314	
142-2104	IZ®	264.5	82.8	133.9	139.5	145.1	2919.4	25.65	W14X808	C3
		14217.8	2103.6	653.5	681	708.6	398676.2	7.82	W360X1202	
143-2037	IZ®	265.7	80.2	61.1	66.9	72.8	3936.9	27.26	W33X291	C3
		14284.4	2036.6	298.4	326.9	355.3	537621.8	8.31	W840X433	
145-1943	IZ®	269.8	76.5	58.5	64.6	70.7	4178.1	26.44	W36X256	C3
		14504.5	1942.6	285.8	315.6	345.4	570555.3	8.06	W920X381	

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147-2055	IZ®	274.1	80.9	58.9	64.7	70.5	4204.4	27.78	W36X280	C3
		14735.3	2054.6	287.8	316	344.1	574142.2	8.47	W920X417	
148-2026	IZ®	276	79.7	71.3	77.2	83	3967.9	26.73	W30X357	C3
		14837.9	2025.6	348.1	376.7	405.3	541848.8	8.15	W760X531	
150-1935	IZ®	279.2	76.2	55.4	61.5	67.6	4483.5	26.73	W40X235	C3
		15009.8	1934.6	270.3	300.3	330.2	612266.7	8.15	W1000X350	
151-2039	IZ®	281.5	80.3	65.1	70.9	76.7	4241.4	27.32	W33X318	C3
		15135.4	2038.6	317.8	346.2	374.6	579205.9	8.33	W840X473	
153-2033	IZ®	284.6	80	54.9	60.7	66.6	4576.2	27.98	W40X249	C3
		15300.2	2032.6	268.1	296.6	325.1	624918.2	8.53	W1000X371	
154-2056	IZ®	286.1	80.9	61.9	67.7	73.4	4442.7	27.81	W36X300	C3
		15382.7	2055.6	302.2	330.3	358.5	606694.9	8.48	W920X446	
158-2029	IZ®	293.6	79.9	76.4	82.3	88.1	4299.6	26.8	W30X391	C3
		15785	2028.6	373.1	401.7	430.2	587146.1	8.17	W760X582	
159-1936	IZ®	295.7	76.2	59.9	66	72.2	4850.8	26.8	W40X264	C3
		15896.7	1935.6	292.5	322.4	352.3	662421.3	8.17	W1000X393	
160-2033	IZ®	297.8	80	52.1	57.9	63.7	5085.4	28.57	W44X230	C3
		16012.6	2032.6	254.2	282.7	311.2	694462.2	8.71	W1100X343	
162-2042	IZ®	301.7	80.4	70.3	76.2	82	4637.8	27.39	W33X354	C3
		16218.4	2041.6	343.5	371.8	400.2	633338.7	8.35	W840X527	
163-2035	IZ®	302.7	80.1	59	64.8	70.6	4964	28.04	W40X277	C3
		16275.2	2034.6	287.9	316.4	344.8	677880.9	8.55	W1000X412	
163-2055	IZ®	303.8	80.9	66	71.8	77.5	4800.6	27.85	W36X328	C3
		16331.4	2054.6	322.2	350.4	378.5	655563.6	8.49	W920X488	
164-1937	IZ®	304	76.2	62.2	68.3	74.5	5038.5	26.8	W40X278	C3
		16346	1936.6	303.7	333.6	363.5	688049.4	8.17	W1000X415	
168-2035	IZ®	312.7	80.1	62.1	67.9	73.7	5190.4	28.04	W40X297	C3
		16813.1	2034.6	303	331.4	359.9	708789.2	8.55	W1000X443	

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172-2044	IZ®	320.2	80.5	75.2	81	86.8	5013.6	27.49	W33X387	C3
		17214.4	2043.6	367.3	395.7	424	684647.9	8.38	W840X576	
173-2058	IZ®	321.4	81	70.4	76.2	81.9	5164.3	27.91	W36X359	C3
		17276.9	2057.6	343.8	372	400.1	705230.5	8.51	W920X534	
174-2033	IZ®	323.5	80	56.9	62.7	68.6	5665.8	28.64	W44X262	C3
		17390.3	2032.6	277.8	306.3	334.7	773716.4	8.73	W1100X390	
178-2037	IZ®	331.6	80.2	66	71.8	77.7	5597.6	28.14	W40X324	C3
		17826.1	2036.6	322.3	350.8	379.2	764395.7	8.58	W1000X483	
181-1941	IZ®	335.8	76.4	69.6	75.7	81.8	5749.9	26.93	W40X327	C3
		18056.2	1940.6	339.9	369.7	399.6	785200.7	8.21	W1000X486	
181-1942	IZ®	337.4	76.4	70.4	76.5	82.6	5787.2	26.96	W40X331	C3
		18138.7	1941.6	343.8	373.6	403.4	790299.1	8.22	W1000X494	
182-2020	IZ®	339.3	79.5	98.8	104.7	110.6	5010.1	26.47	W27X539	C3
		18241.7	2019.6	482.5	511.1	539.8	684173.7	8.07	W690X802	
184-2060	IZ®	341.7	81.1	75.5	81.3	87	5594.5	28.01	W36X393	C3
		18369.6	2059.6	368.7	396.8	424.9	763974.9	8.54	W920X585	
185-2035	IZ®	343.8	80.1	61.2	67	72.8	6145.4	28.7	W44X290	C3
		18486.2	2034.6	298.7	327.2	355.6	839212.9	8.75	W1100X433	
191-2040	IZ®	354.3	80.3	71.6	77.4	83.2	6109.9	28.21	W40X362	C3
		19048.5	2039.6	349.6	378	406.3	834355.3	8.6	W1000X539	
193-2041	IZ®	359.3	80.3	73.1	78.9	84.7	6226.2	28.24	W40X372	C3
		19318.5	2040.6	356.7	385.1	413.4	850237.4	8.61	W1000X554	
198-2064	IZ®	368.7	81.2	82.1	87.8	93.6	6169.8	28.11	W36X439	C3
		19820.7	2063.6	400.7	428.7	456.8	842543.2	8.57	W920X653	
199-2038	IZ®	369.8	80.2	67.5	73.3	79.1	6780.3	28.77	W44X335	C3
		19884.3	2037.6	329.5	357.9	386.3	925911.8	8.77	W1100X499	
203-2042	IZ®	376.9	80.4	76.7	82.5	88.3	6622.2	28.27	W40X397	C3
		20262.8	2041.6	374.6	403	431.3	904323.8	8.62	W1000X591	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or IZ®.



100% melted and manufactured in the USA
BABA2021 Compliant

IZ[®] BNS[®]
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 **BALL & SOCKET | MULTI-USE**

Section	Solution Type	Section Modulus	Width	Weight at Ratio			Moment of Inertia	Coating Area	Diameter	Configuration
				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)	
203-1947	IZ [®]	377.3	76.6	79.7	85.8	91.9	6708.9	27.13	W40X392	C3
		20283.1	1946.6	389.3	419	448.7	916158.6	8.27	W1000X584	
213-2045	IZ [®]	397	80.5	81.7	87.5	93.3	7086	28.37	W40X431	C3
		21342.8	2044.6	399	427.3	455.6	967657.1	8.65	W1000X642	
226-2070	IZ [®]	420.7	81.5	94.7	100.4	106.2	7321	28.31	W36X527	C3
		22617.6	2069.6	462.5	490.4	518.4	999741.4	8.63	W920X784	
238-2050	IZ [®]	443	80.7	92.3	98.1	103.8	8173.2	28.54	W40X503	C3
		23819.2	2049.6	450.5	478.8	507	1116121.4	8.7	W1000X748	
265-2079	IZ [®]	492.6	81.8	112.3	118	123.7	8986.2	28.57	W36X650	C3
		26484.7	2078.6	548.1	575.9	603.8	1227139.3	8.71	W920X967	
270-2057	IZ [®]	501.2	81	105.6	111.4	117.2	9589.4	28.73	W40X593	C3
		26946.4	2056.6	515.8	543.9	572.1	1309523.8	8.76	W1000X883	
313-2090	IZ [®]	581.5	82.3	133.2	138.9	144.6	11150.7	28.9	W36X798	C3
		31264.1	2089.6	650.4	678.1	705.8	1522732.6	8.81	W920X1188	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or IZ[®].

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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