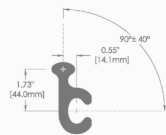


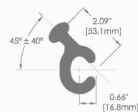
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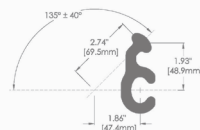
PilePro® Sheet Pile Connectors



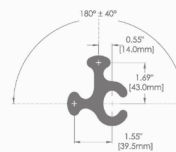
PZ 90



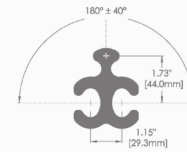
Colt



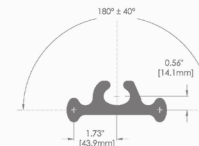
Cobra



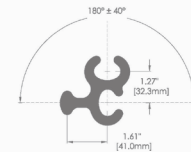
PZ Tee



Joker



Bullhead



PZT-S

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



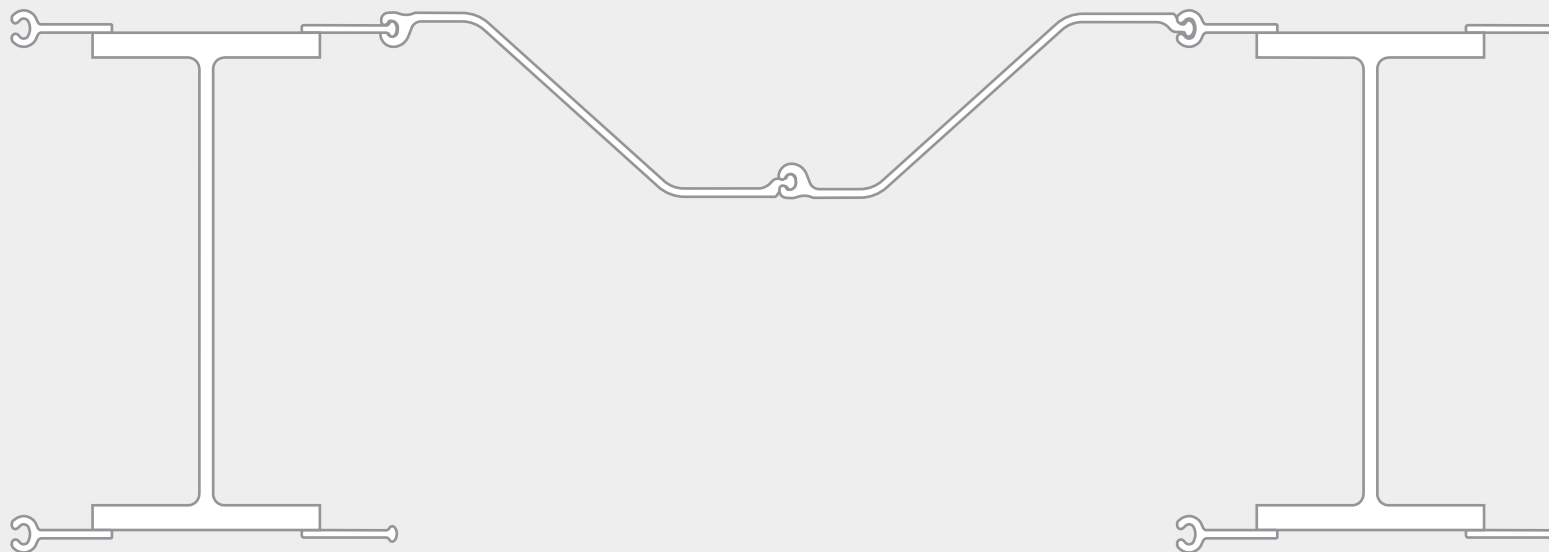
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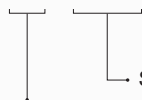


Configuration C3 (PZC 26)



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)	
38-1785	IZ®	71.2	70.3	25.9	32.6	39.2	630.9	21.19	W18X35	C3 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		4558.5	1914.6	157.5	187.8	218	104399.9	7.01	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)	
47-1799	IZ®	86.4	70.8	29.4	36	42.6	825.2	21.91	W21X57	C3 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		5398.2	1915.6	191.9	222.1	252.3	127195.3	7.05	W460X193	

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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)	
55-2090	IZ®	101.8	82.3	43.4	49.1	54.8	910.4	25.12	HP18x181	C3 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		6243.6	1921.6	225.6	255.7	285.9	151522.1	7.1	W460X260	

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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)	
63-1951	IZ®	116.9	76.8	41.2	47.3	53.4	1179.2	24.04	W21X147	C3 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		7596.7	1898.6	176.2	206.7	237.2	230770.3	7.52	W760X161	

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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)	
76-1887	IZ®	141.7	74.3	39.6	45.9	52.2	1636.5	24.14	W27X129	C3 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		11525.2	1996.6	297.3	326.3	355.3	376200.1	7.86	W690X419	

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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)	
117-1776	IZ®	216.8	77.8	69.7	75.7	81.7	2686.6	25.16	W24X335	C3 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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®.



Hot rolled and 100% melted and manufactured
in the USA and BABA2021 Compliant

IZ[®] BNS[®]

sheet-pile.com/iz



BALL & SOCKET
HOT ROLLED / 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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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 (PZC 26)
		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.
- Welding is in accordance with AWS D1.1.

	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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