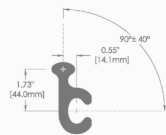


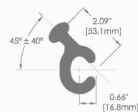
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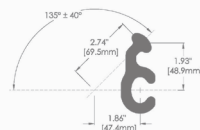
PilePro® Sheet Pile Connectors



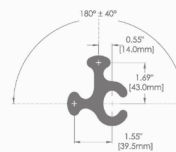
PZ 90



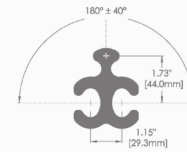
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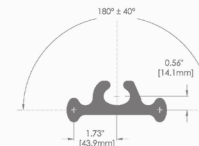
Cobra



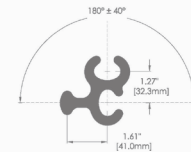
PZ Tee



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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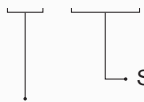


Configuration E3 (PZC 26)



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)	
36-1785	IZ®	66.3	70.3	23.5	29.4	35.2	517.1	19.17	W18X35	E3 (PZC 26)
		3563.3	1784.6	114.9	143.4	171.9	70614.9	5.84	W460X52	
37-1786	IZ®	68.2	70.3	24.4	30.2	36.1	535.1	19.24	W18X40	E3 (PZC 26)
		3667.1	1785.6	119	147.5	176	73078.7	5.86	W460X60	
38-1787	IZ®	70	70.3	25.4	31.2	37.1	552.4	19.27	W18X46	E3 (PZC 26)
		3762.6	1786.6	123.9	152.4	180.9	75437.3	5.87	W460X68	
38-1823	IZ®	70.4	71.8	25.5	31.2	37	556.4	19.73	W18X50	E3 (PZC 26)
		3784.5	1822.6	124.6	152.6	180.5	75981.2	6.01	W460X74	
38-1798	IZ®	71.3	70.8	24.9	30.7	36.5	580.9	19.83	W21X44	E3 (PZC 26)
		3831.9	1797.6	121.6	149.9	178.3	79320.7	6.04	W530X66	
39-1840	IZ®	71.8	72.4	25	30.7	36.3	587.4	20.39	W21X48	E3 (PZC 26)
		3858.5	1839.6	122	149.7	177.4	80215.4	6.21	W530X72	
39-1824	IZ®	72	71.8	26.4	32.1	37.9	572	19.73	W18X55	E3 (PZC 26)
		3870.7	1823.6	129	157	184.9	78113.9	6.01	W460X82	
40-1825	IZ®	73.6	71.8	27.2	32.9	38.6	587.6	19.76	W18X60	E3 (PZC 26)
		3957.3	1824.6	132.8	160.7	188.7	80244.9	6.02	W460X89	
40-1799	IZ®	73.8	70.8	25.9	31.7	37.5	606.8	19.86	W21X50	E3 (PZC 26)
		3965.8	1798.6	126.4	154.7	183	82859.3	6.05	W530X74	
40-1842	IZ®	74.9	72.5	26.2	31.8	37.5	619.8	20.42	W21X55	E3 (PZC 26)
		4028.3	1841.6	127.8	155.4	183.1	84642.9	6.22	W530X82	
40-1826	IZ®	75.1	71.9	28	33.7	39.4	602.9	19.8	W18X65	E3 (PZC 26)
		4040.2	1825.6	136.6	164.5	192.4	82325.5	6.03	W460X97	
41-1913	IZ®	76.6	75.3	28.5	33.9	39.4	617.4	20.91	W18X76	E3 (PZC 26)
		4120.3	1912.6	139	165.7	192.3	84307.5	6.37	W460X113	
41-1827	IZ®	76.9	71.9	29	34.7	40.4	620.2	19.83	W18X71	E3 (PZC 26)
		4132.2	1826.6	141.7	169.6	197.5	84698.8	6.04	W460X106	
41-1799	IZ®	77	70.8	27.1	32.9	38.7	640.8	19.9	W21X57	E3 (PZC 26)
		4139.8	1798.6	132.1	160.4	188.8	87501	6.06	W530X85	

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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)	
42-1842	IZ®	78.2	72.5	27.3	33	38.6	653.5	20.45	W21X62	E3 (PZC 26)
		4202.5	1841.6	133.3	161	188.6	89247.8	6.23	W530X92	
43-1811	IZ®	79.7	71.3	26.6	32.4	38.1	686.7	20.49	W24X55	E3 (PZC 26)
		4286.1	1810.6	129.9	158.1	186.2	93778.3	6.24	W610X82	
43-1915	IZ®	79.9	75.4	30	35.5	40.9	648.9	20.98	W18X86	E3 (PZC 26)
		4294.5	1914.6	146.7	173.3	199.9	88609.2	6.39	W460X128	
43-1843	IZ®	80.7	72.5	28.2	33.9	39.6	680.6	20.49	W21X68	E3 (PZC 26)
		4337.9	1842.6	137.9	165.6	193.2	92939	6.24	W530X101	
44-1844	IZ®	82.6	72.6	29.1	34.8	40.4	701.8	20.52	W21X73	E3 (PZC 26)
		4442.7	1843.6	142.1	169.7	197.4	95837.4	6.25	W530X109	
45-1812	IZ®	83.2	71.3	27.8	33.5	39.3	725.9	20.52	W24X62	E3 (PZC 26)
		4471.5	1811.6	135.5	163.6	191.7	99133.3	6.25	W610X92	
45-1916	IZ®	83.5	75.4	31.8	37.2	42.7	684.8	21.01	W18X97	E3 (PZC 26)
		4488.4	1915.6	155.2	181.8	208.4	93520	6.4	W460X144	
46-1861	IZ®	85.5	73.3	28	33.6	39.2	752.8	21.17	W24X68	E3 (PZC 26)
		4596.8	1860.6	136.6	164	191.3	102802	6.45	W610X101	
46-1917	IZ®	86.1	75.5	33.2	38.6	44.1	712.2	21.04	W18X106	E3 (PZC 26)
		4630.6	1916.6	162.1	188.7	215.2	97251.7	6.41	W460X158	
46-1845	IZ®	86.4	72.6	30.7	36.3	42	743.2	20.55	W21X83	E3 (PZC 26)
		4643.6	1844.6	149.7	177.3	204.9	101485.4	6.26	W530X123	
48-1861	IZ®	89.9	73.3	29.3	34.9	40.5	802.9	21.21	W24X76	E3 (PZC 26)
		4832.3	1860.6	142.9	170.3	197.7	109643.4	6.46	W610X113	
48-1847	IZ®	90.1	72.7	32.3	37.9	43.6	785.5	20.58	W21X93	E3 (PZC 26)
		4843.8	1846.6	157.6	185.2	212.8	107268.5	6.27	W530X138	
49-1919	IZ®	90.5	75.5	35.3	40.7	46.1	757.5	21.08	W18X119	E3 (PZC 26)
		4867.1	1918.6	172.1	198.7	225.2	103436.7	6.42	W460X177	
49-1945	IZ®	91.7	76.6	32	37.3	42.7	801.1	21.86	W21X101	E3 (PZC 26)
		4928.2	1944.6	156.1	182.3	208.5	109398.8	6.66	W530X150	

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				60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	in ⁴ /ft (cm ⁴ /m)	ft ² /ft (m ² /m)	in (mm)	
51-1862	IZ [®]	94	73.3	30.5	36.2	41.8	851.4	21.24	W24X84	E3 (PZC 26)
		5056.3	1861.6	149.1	176.5	203.9	116268.8	6.47	W610X125	
51-1916	IZ [®]	94.8	75.4	37.1	42.5	48	802.8	21.11	W18X130	E3 (PZC 26)
		5097.2	1915.6	181	207.6	234.2	109631	6.43	W460X193	
51-1946	IZ [®]	95.2	76.6	33.5	38.9	44.3	841.2	21.9	W21X111	E3 (PZC 26)
		5120.6	1945.6	163.7	189.9	216.1	114870.2	6.67	W530X165	
53-2090	IZ [®]	97.9	82.3	41.4	46.4	51.4	813.2	23.11	HP18x181	E3 (PZC 26)
		5263	2089.8	202.1	226.4	250.8	111044.8	7.04	HP360x269	
53-1863	IZ [®]	98.9	73.3	32.3	37.9	43.5	911	21.27	W24X94	E3 (PZC 26)
		5319.7	1862.6	157.5	184.9	212.2	124405.5	6.48	W610X140	
53-1918	IZ [®]	99.2	75.5	39	44.5	49.9	850.4	21.14	W18X143	E3 (PZC 26)
		5335.9	1917.6	190.6	217.2	243.8	116124.8	6.44	W460X213	
54-1948	IZ [®]	99.4	76.7	35.1	40.5	45.9	889.2	21.93	W21X122	E3 (PZC 26)
		5346.5	1947.6	171.6	197.7	223.9	121430.7	6.68	W530X182	
54-1886	IZ [®]	100.4	74.2	30.2	35.8	41.3	952.2	21.96	W27X84	E3 (PZC 26)
		5395.4	1885.6	147.7	174.7	201.7	130030.3	6.69	W690X125	
54-1957	IZ [®]	100.5	77	32.3	37.6	42.9	931.5	22.45	W24X104	E3 (PZC 26)
		5403.1	1956.6	157.6	183.6	209.6	127207.5	6.84	W610X155	
56-1949	IZ [®]	103.3	76.7	36.7	42	47.4	933	21.96	W21X132	E3 (PZC 26)
		5554.9	1948.6	179.2	205.3	231.4	127415.8	6.69	W530X196	
56-1862	IZ [®]	103.8	73.3	33.7	39.3	44.9	969.4	21.27	W24X103	E3 (PZC 26)
		5579	1861.6	164.3	191.7	219.1	132380.2	6.48	W610X153	
56-1920	IZ [®]	103.9	75.6	41.4	46.8	52.2	902	21.21	W18X158	E3 (PZC 26)
		5588.4	1919.6	201.9	228.4	255	123174.3	6.46	W460X235	
56-2093	IZ [®]	104.4	82.4	44.8	49.8	54.8	881.4	23.18	HP18x204	E3 (PZC 26)
		5612.8	2093	218.7	243	267.4	120360	7.06	HP460x304	
57-1958	IZ [®]	106.6	77.1	34.2	39.6	44.9	1005.4	22.49	W24X117	E3 (PZC 26)
		5732	1957.6	167.1	193.1	219.1	137296.9	6.85	W610X174	

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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)	
57-1887	IZ®	106.7	74.3	31.8	37.3	42.8	1032	22.03	W27X94	E3 (PZC 26)
		5738.6	1886.6	155.1	182.1	209.1	140926.2	6.71	W690X140	
59-1951	IZ®	109.1	76.8	39	44.4	49.7	1001.2	22.03	W21X147	E3 (PZC 26)
		5866.4	1950.6	190.6	216.8	242.9	136717.4	6.71	W530X219	
59-1922	IZ®	110	75.7	44	49.4	54.8	969.9	21.27	W18X175	E3 (PZC 26)
		5915.4	1921.6	214.8	241.3	267.8	132444.3	6.48	W460X260	
60-1897	IZ®	111.9	74.7	30.9	36.4	41.9	1124.8	22.59	W30X90	E3 (PZC 26)
		6015.1	1896.6	151	177.8	204.7	153603.3	6.88	W760X134	
60-1887	IZ®	111.9	74.3	33.1	38.7	44.2	1098.6	22.06	W27X102	E3 (PZC 26)
		6018	1886.6	161.7	188.7	215.7	150028.1	6.72	W690X152	
61-1960	IZ®	113.2	77.1	36.4	41.7	47.1	1087.3	22.55	W24X131	E3 (PZC 26)
		6084	1959.6	177.7	203.7	229.7	148482.5	6.87	W610X195	
63-1898	IZ®	117	74.7	32.4	37.9	43.4	1198.1	22.62	W30X99	E3 (PZC 26)
		6289.9	1897.6	158.3	185.2	212	163608.6	6.89	W760X147	
64-1889	IZ®	118.2	74.4	35	40.5	46	1182.3	22.09	W27X114	E3 (PZC 26)
		6352.7	1888.6	170.7	197.7	224.7	161455.5	6.73	W690X170	
64-1948	IZ®	118.6	76.7	42.1	47.4	52.8	1113	22.03	W21X166	E3 (PZC 26)
		6375.3	1947.6	205.4	231.6	257.8	151988.8	6.71	W530X248	
65-1961	IZ®	121.1	77.2	38.7	44	49.3	1184.9	22.62	W24X146	E3 (PZC 26)
		6509.9	1960.6	188.9	214.8	240.8	161806.1	6.89	W610X217	
66-1899	IZ®	123.5	74.7	33.8	39.3	44.8	1287.7	22.65	W30X108	E3 (PZC 26)
		6640.1	1898.6	165.3	192.1	218.9	175842.8	6.9	W760X161	
67-1951	IZ®	124.7	76.8	44.6	49.9	55.3	1188.6	22.09	W21X182	E3 (PZC 26)
		6703.8	1950.6	217.6	243.7	269.8	162317.7	6.73	W530X272	
69-1887	IZ®	127.5	74.3	37.4	42.9	48.4	1308.7	22.13	W27X129	E3 (PZC 26)
		6856.7	1886.6	182.5	209.5	236.6	178708.4	6.74	W690X192	
69-1962	IZ®	128.6	77.2	41.2	46.5	51.8	1283.7	22.65	W24X162	E3 (PZC 26)
		6916	1961.6	201.2	227.1	253.1	175296.2	6.9	W610X241	

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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)	
70-1900	IZ®	129.5	74.8	35.2	40.7	46.2	1371.8	22.68	W30X116	E3 (PZC 26)
		6964.8	1899.6	171.8	198.6	225.4	187336.8	6.91	W760X173	
71-1952	IZ®	132.4	76.8	47.5	52.9	58.2	1286	22.16	W21X201	E3 (PZC 26)
		7119.8	1951.6	232	258.1	284.2	175612.1	6.75	W530X300	
72-1988	IZ®	133.3	78.3	38.2	43.5	48.7	1385.8	23.41	W27X146	E3 (PZC 26)
		7164.9	1987.6	186.7	212.3	238	189238.4	7.13	W690X217	
73-1900	IZ®	135.3	74.8	36.4	41.9	47.4	1451.8	22.72	W30X124	E3 (PZC 26)
		7272.3	1899.6	177.6	204.4	231.2	198257.5	6.92	W760X185	
73-1960	IZ®	135.7	77.1	43.3	48.6	53.9	1375.5	22.65	W24X176	E3 (PZC 26)
		7297.1	1959.6	211.4	237.4	263.4	187840.8	6.9	W610X262	
75-2051	IZ®	139.9	80.7	70.3	75.4	80.5	1192.5	22.49	W14X370	E3 (PZC 26)
		7522	2050.6	343.3	368.1	393	162846.8	6.85	W360X551	
75-1901	IZ®	140.3	74.8	37.7	43.2	48.7	1528	22.75	W30X132	E3 (PZC 26)
		7545	1900.6	184.1	210.9	237.7	208664.8	6.93	W760X196	
76-1989	IZ®	141.1	78.3	40.6	45.8	51.1	1497	23.44	W27X161	E3 (PZC 26)
		7588.3	1988.6	198	223.7	249.3	204432	7.14	W690X240	
76-1925	IZ®	141.7	75.8	35	40.4	45.8	1587.5	23.5	W33X118	E3 (PZC 26)
		7619.9	1924.6	170.8	197.3	223.7	216784.1	7.16	W840X176	
77-1962	IZ®	142.6	77.2	45.7	51	56.4	1469.2	22.72	W24X192	E3 (PZC 26)
		7665	1961.6	223.2	249.2	275.1	200634.1	6.92	W610X285	
79-2054	IZ®	147	80.9	74.4	79.4	84.5	1276	22.55	W14X398	E3 (PZC 26)
		7901.4	2053.6	363	387.8	412.6	174250.9	6.87	W360X592	
80-1991	IZ®	149.3	78.4	43.1	48.3	53.6	1614.4	23.5	W27X178	E3 (PZC 26)
		8028.7	1990.6	210.5	236.1	261.7	220463.7	7.16	W690X265	
81-1963	IZ®	149.7	77.3	48.1	53.4	58.7	1567.2	22.75	W24X207	E3 (PZC 26)
		8049	1962.6	234.7	260.6	286.6	214019.3	6.93	W610X307	
81-1925	IZ®	151.4	75.8	36.9	42.3	47.7	1733.9	23.54	W33X130	E3 (PZC 26)
		8138.9	1924.6	180.2	206.6	233.1	236783.2	7.17	W840X193	

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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)	
82-1899	IZ®	152	74.7	40.3	45.8	51.3	1699.3	22.78	W30X148	E3 (PZC 26)
		8170.3	1898.6	196.7	223.5	250.4	232054.3	6.94	W760X220	
83-2057	IZ®	154.7	81	78.4	83.5	88.5	1366.5	22.65	W14X426	E3 (PZC 26)
		8319.8	2056.6	382.7	407.5	432.3	186614	6.9	W360X634	
86-1966	IZ®	159.4	77.4	51.4	56.7	62	1704.5	22.85	W24X229	E3 (PZC 26)
		8571.8	1965.6	251.1	277	302.9	232757.8	6.96	W610X341	
86-1989	IZ®	159.6	78.3	45.6	50.8	56.1	1759.7	23.5	W27X194	E3 (PZC 26)
		8578.7	1988.6	222.5	248.1	273.8	240300.5	7.16	W690X289	
86-1926	IZ®	160.1	75.8	38.6	44.1	49.5	1871.4	23.57	W33X141	E3 (PZC 26)
		8608.7	1925.6	188.6	215.1	241.5	255558	7.18	W840X210	
87-2061	IZ®	161.8	81.1	82.5	87.6	92.7	1453	22.75	W14X455	E3 (PZC 26)
		8696.5	2060.6	402.9	427.7	452.4	198419.5	6.93	W360X677	
87-2014	IZ®	161.9	79.3	41.8	47	52.2	1849.7	24.26	W30X173	E3 (PZC 26)
		8702.2	2013.6	204.2	229.5	254.8	252588.3	7.39	W760X257	
88-1937	IZ®	164.4	76.2	37.4	42.8	48.2	1985.6	24.09	W36X135	E3 (PZC 26)
		8837.3	1936.6	182.7	209	235.3	271146.8	7.34	W920X201	
91-1927	IZ®	168.3	75.9	40.4	45.8	51.2	2003.5	23.64	W33X152	E3 (PZC 26)
		9048.6	1926.6	197.1	223.5	250	273590.5	7.2	W840X226	
91-1968	IZ®	169.3	77.5	54.6	59.9	65.2	1845.9	22.91	W24X250	E3 (PZC 26)
		9104.6	1967.6	266.8	292.7	318.6	252075.8	6.98	W610X372	
92-1992	IZ®	171.4	78.4	49.1	54.3	59.5	1936.7	23.6	W27X217	E3 (PZC 26)
		9217	1991.6	239.5	265.1	290.7	264473.4	7.19	W690X323	
93-2015	IZ®	172.3	79.3	44.5	49.7	54.9	2012.3	24.29	W30X191	E3 (PZC 26)
		9264.9	2014.6	217.3	242.6	267.9	274800.5	7.4	W760X284	
94-2065	IZ®	174.3	81.3	89	94	99.1	1610	22.85	W14X500	E3 (PZC 26)
		9369.9	2064.6	434.5	459.2	483.8	219854	6.96	W360X744	
96-1937	IZ®	178.1	76.2	39.8	45.2	50.6	2212.2	24.16	W36X150	E3 (PZC 26)
		9573	1936.6	194.4	220.8	247.1	302101.8	7.36	W920X223	

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97-1993	IZ®	180.1	78.4	51.9	57.1	62.3	2070.8	23.64	W27X235	E3 (PZC 26)
		9683.2	1992.6	253.2	278.8	304.3	282784	7.2	W690X350	
97-1925	IZ®	181.2	75.8	42.9	48.3	53.8	2212.4	23.64	W33X169	E3 (PZC 26)
		9743.3	1924.6	209.5	236	262.5	302119.2	7.2	W840X251	
98-1971	IZ®	181.9	77.6	59	64.3	69.6	2031.2	22.98	W24X279	E3 (PZC 26)
		9777.7	1970.6	288.3	314.1	340	277375.4	7	W610X415	
99-2017	IZ®	183.7	79.4	47.5	52.7	57.8	2194.1	24.36	W30X211	E3 (PZC 26)
		9875.3	2016.6	231.9	257.2	282.4	299620	7.42	W760X314	
100-1938	IZ®	185.6	76.3	41.4	46.8	52.2	2344.4	24.19	W36X160	E3 (PZC 26)
		9980.4	1937.6	202	228.3	254.6	320145.6	7.37	W920X238	
101-1933	IZ®	187.7	76.1	39.7	45.1	50.5	2430.4	24.49	W40X149	E3 (PZC 26)
		10092.3	1932.6	194	220.4	246.8	331891.3	7.46	W1000X222	
101-2070	IZ®	188.3	81.5	95.9	101	106	1792.1	23.01	W14X550	E3 (PZC 26)
		10124.8	2069.6	468.3	492.9	517.6	244720.9	7.01	W360X818	
103-1995	IZ®	191.8	78.5	55.2	60.4	65.7	2251.4	23.7	W27X258	E3 (PZC 26)
		10311.9	1994.6	269.5	295	320.6	307452.7	7.22	W690X384	
104-1939	IZ®	193.3	76.3	42.9	48.3	53.7	2479.8	24.23	W36X170	E3 (PZC 26)
		10394.6	1938.6	209.6	235.9	262.2	338637.7	7.38	W920X253	
104-1973	IZ®	194.2	77.7	63.1	68.4	73.6	2216.9	23.04	W24X306	E3 (PZC 26)
		10440	1972.6	307.9	333.7	359.6	302733.8	7.02	W610X455	
105-2033	IZ®	195.2	80	45.6	50.8	55.9	2457	25.01	W33X201	E3 (PZC 26)
		10496.7	2032.6	222.7	247.8	272.9	335524.4	7.62	W840X299	
107-2015	IZ®	198.8	79.3	51.1	56.3	61.5	2435.5	24.39	W30X235	E3 (PZC 26)
		10686	2014.6	249.7	274.9	300.2	332591.9	7.43	W760X350	
108-1940	IZ®	201.5	76.4	44.8	50.2	55.6	2628.6	24.26	W36X182	E3 (PZC 26)
		10831.7	1939.6	218.8	245.1	271.4	358964.9	7.39	W920X271	
110-1997	IZ®	203.6	78.6	58.8	64	69.2	2439.7	23.77	W27X281	E3 (PZC 26)
		10948.5	1996.6	286.9	312.4	337.9	333161.7	7.24	W690X419	

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				60%	80%	100%				
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110-2075	IZ®	204.4	81.7	104.2	109.2	114.3	2007.2	23.14	W14X605	E3 (PZC 26)
		10987.3	2074.6	508.8	533.4	557.9	274107.1	7.05	W360X900	
111-1933	IZ®	206.3	76.1	42.6	48	53.4	2758.4	24.55	W40X167	E3 (PZC 26)
		11092.1	1932.6	207.8	234.2	260.6	376689.8	7.48	W1000X249	
111-1976	IZ®	207.1	77.8	67.5	72.8	78.1	2416.9	23.14	W24X335	E3 (PZC 26)
		11133	1975.6	329.7	355.5	381.3	330053.9	7.05	W610X498	
112-2034	IZ®	208.1	80.1	48.6	53.7	58.9	2679.9	25.08	W33X221	E3 (PZC 26)
		11187.1	2033.6	237.3	262.3	287.4	365958.4	7.64	W840X329	
113-1941	IZ®	209.2	76.4	46.6	52	57.4	2772.4	24.29	W36X194	E3 (PZC 26)
		11247.9	1940.6	227.6	253.9	280.1	378601.9	7.4	W920X289	
114-2018	IZ®	212.4	79.4	55	60.2	65.4	2666.9	24.46	W30X261	E3 (PZC 26)
		11419.5	2017.6	268.7	294	319.2	364184.6	7.45	W760X389	
116-2000	IZ®	215.8	78.7	62.5	67.8	73	2637.8	23.83	W27X307	E3 (PZC 26)
		11603.2	1999.6	305.3	330.8	356.3	360221.2	7.26	W690X457	
118-1942	IZ®	219.5	76.4	49.2	54.5	59.9	2967.9	24.32	W36X210	E3 (PZC 26)
		11802.1	1941.6	240	266.3	292.5	405298.5	7.41	W920X313	
119-2036	IZ®	220.5	80.1	51.6	56.7	61.8	2898.9	25.14	W33X241	E3 (PZC 26)
		11855.2	2035.6	251.7	276.7	301.8	395876.9	7.66	W840X359	
119-2081	IZ®	221.5	81.9	112.4	117.4	122.4	2251.6	23.31	W14X665	E3 (PZC 26)
		11911	2080.6	548.9	573.3	597.8	307473	7.1	W360X990	
120-1980	IZ®	222.5	77.9	72.8	78.1	83.4	2663.7	23.24	W24X370	E3 (PZC 26)
		11964.2	1979.6	355.6	381.3	407.1	363746.2	7.08	W610X551	
120-1933	IZ®	223.8	76.1	45.1	50.5	55.9	3074.9	24.62	W40X183	E3 (PZC 26)
		12034.8	1932.6	220	246.4	272.8	419901.1	7.5	W1000X272	
122-2051	IZ®	226.5	80.7	49.5	54.5	59.6	3064.8	25.64	W36X230	E3 (PZC 26)
		12179.1	2050.6	241.4	266.3	291.1	418528.2	7.81	W920X342	
123-2033	IZ®	228	80	45.2	50.4	55.5	3168.4	25.87	W40X199	E3 (PZC 26)
		12256.7	2032.6	220.8	245.9	270.9	432667.6	7.88	W1000X296	

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124-2020	IZ®	230	79.5	59.6	64.8	69.9	2965.2	24.52	W30X292	E3 (PZC 26)
		12363.5	2019.6	291	316.2	341.5	404930.6	7.47	W760X434	
124-2003	IZ®	230.4	78.8	66.9	72.1	77.3	2879.7	23.93	W27X336	E3 (PZC 26)
		12385.4	2002.6	326.4	351.9	377.3	393250.4	7.29	W690X500	
127-2034	IZ®	236.4	80.1	54.9	60.1	65.2	3180.2	25.14	W33X263	E3 (PZC 26)
		12707.4	2033.6	268.2	293.2	318.3	434280.4	7.66	W840X392	
127-2052	IZ®	236.6	80.8	51.7	56.8	61.9	3250.9	25.67	W36X245	E3 (PZC 26)
		12722.1	2051.6	252.4	277.3	302.1	443936.9	7.82	W920X365	
128-1941	IZ®	237.4	76.4	52.5	57.9	63.3	3299.1	24.36	W36X232	E3 (PZC 26)
		12762.8	1940.6	256.3	282.6	308.8	450525.5	7.42	W920X345	
130-2087	IZ®	241.5	82.1	121.3	126.3	131.3	2538.7	23.47	W14X730	E3 (PZC 26)
		12983.4	2086.6	592.4	616.8	641.3	346684.3	7.15	W360X1086	
131-1933	IZ®	243.7	76.1	49.5	54.9	60.3	3476.3	24.65	W40X211	E3 (PZC 26)
		13101	1932.6	241.6	267.9	294.3	474721.3	7.51	W1000X314	
132-2033	IZ®	244.9	80	47.8	52.9	58	3482.4	25.93	W40X215	E3 (PZC 26)
		13164	2032.6	233.2	258.2	283.3	475556	7.9	W1000X321	
132-2005	IZ®	245.8	78.9	71.7	76.9	82.1	3141.8	24	W27X368	E3 (PZC 26)
		13213.2	2004.6	350	375.4	400.8	429045.4	7.31	W690X548	
133-2053	IZ®	246.5	80.8	53.9	59	64	3437.8	25.7	W36X260	E3 (PZC 26)
		13254.3	2052.6	263	287.8	312.6	469455.8	7.83	W920X387	
133-2023	IZ®	247.6	79.6	64.6	69.8	74.9	3277	24.62	W30X326	E3 (PZC 26)
		13312.2	2022.6	315.4	340.6	365.8	447504	7.5	W760X484	
136-2037	IZ®	252.7	80.2	59	64.2	69.3	3483.7	25.24	W33X291	E3 (PZC 26)
		13587.7	2036.6	288.2	313.2	338.2	475728.2	7.69	W840X433	
136-1943	IZ®	252.9	76.5	56.3	61.7	67.1	3607.1	24.42	W36X256	E3 (PZC 26)
		13597	1942.6	275.1	301.3	327.5	492576.1	7.44	W920X381	
138-2104	IZ®	257.4	82.8	131.8	136.8	141.7	2766.1	23.64	W14X808	E3 (PZC 26)
		13837.8	2103.6	643.6	667.8	692	377732.2	7.2	W360X1202	

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140-2055	IZ®	260.3	80.9	56.9	61.9	67	3701.8	25.77	W36X280	E3 (PZC 26)
		13995	2054.6	277.7	302.4	327.2	505507.2	7.85	W920X417	
140-1935	IZ®	260.3	76.2	53.2	58.6	64	3819.7	24.72	W40X235	E3 (PZC 26)
		13995	1934.6	259.6	285.9	312.2	521615.5	7.53	W1000X350	
142-2026	IZ®	264.6	79.7	69.2	74.3	79.5	3583.1	24.72	W30X357	E3 (PZC 26)
		14224.7	2025.6	337.8	363	388.1	489300.8	7.53	W760X531	
144-2033	IZ®	268.5	80	52.8	57.9	63.1	3963	25.96	W40X249	E3 (PZC 26)
		14433.4	2032.6	257.9	282.9	308	541184.3	7.91	W1000X371	
145-2039	IZ®	268.8	80.3	63	68.1	73.2	3786.9	25.31	W33X318	E3 (PZC 26)
		14453.5	2038.6	307.6	332.5	357.5	517136.3	7.71	W840X473	
147-2056	IZ®	272.6	80.9	59.8	64.9	70	3941	25.8	W36X300	E3 (PZC 26)
		14657.6	2055.6	292	316.8	341.6	538177.6	7.86	W920X446	
149-1936	IZ®	277.3	76.2	57.7	63.1	68.5	4191.4	24.78	W40X264	E3 (PZC 26)
		14909.6	1935.6	281.7	308.1	334.4	572379.1	7.55	W1000X393	
150-2033	IZ®	278.6	80	50	55.1	60.2	4331.9	26.56	W44X230	E3 (PZC 26)
		14981.1	2032.6	244	269	294.1	591554	8.09	W1100X343	
152-2029	IZ®	282.3	79.9	74.3	79.5	84.6	3911.2	24.78	W30X391	E3 (PZC 26)
		15176	2028.6	362.9	388	413.1	534110.1	7.55	W760X582	
154-1937	IZ®	285.9	76.2	60	65.4	70.8	4381	24.78	W40X278	E3 (PZC 26)
		15371.2	1936.6	292.9	319.3	345.6	598270.4	7.55	W1000X415	
154-2035	IZ®	287.2	80.1	56.9	62	67.1	4353.6	26.03	W40X277	E3 (PZC 26)
		15438.8	2034.6	277.7	302.7	327.8	594518.4	7.93	W1000X412	
156-2042	IZ®	289.2	80.4	68.3	73.4	78.5	4181.6	25.37	W33X354	E3 (PZC 26)
		15550.3	2041.6	333.2	358.2	383.2	571036.8	7.73	W840X527	
156-2055	IZ®	290.6	80.9	63.9	69	74.1	4296.3	25.83	W36X328	E3 (PZC 26)
		15621	2054.6	312	336.8	361.6	586695.9	7.87	W920X488	
160-2035	IZ®	297.3	80.1	60	65.1	70.2	4583.4	26.03	W40X297	E3 (PZC 26)
		15984.4	2034.6	292.7	317.8	342.8	625898.8	7.93	W1000X443	

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

* 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)	
195-2042	IZ [®]	362.6	80.4	74.6	79.7	84.9	6015.8	26.26	W40X397	E3 (PZC 26)
		19493.7	2041.6	364.4	389.3	414.3	821512.7	8	W1000X591	
206-2045	IZ [®]	382.9	80.5	79.6	84.7	89.8	6480	26.36	W40X431	E3 (PZC 26)
		20584.1	2044.6	388.8	413.7	438.7	884905.6	8.03	W1000X642	
220-2070	IZ [®]	408.4	81.5	92.7	97.7	102.7	6802.4	26.29	W36X527	E3 (PZC 26)
		21956.2	2069.6	452.4	477	501.6	928930.5	8.01	W920X784	
231-2050	IZ [®]	429.3	80.7	90.2	95.3	100.4	7561.5	26.52	W40X503	E3 (PZC 26)
		23078	2049.6	440.3	465.2	490.1	1032592.9	8.08	W1000X748	
258-2079	IZ [®]	480.4	81.8	110.2	115.2	120.2	8452.8	26.56	W36X650	E3 (PZC 26)
		25827.7	2078.6	538.1	562.6	587.1	1154303.6	8.09	W920X967	
262-2057	IZ [®]	487.6	81	103.6	108.6	113.7	8969.1	26.72	W40X593	E3 (PZC 26)
		26217.5	2056.6	505.6	530.4	555.2	1224813.9	8.14	W1000X883	
306-2090	IZ [®]	569.2	82.3	131.2	136.2	141.2	10595.9	26.88	W36X798	E3 (PZC 26)
		30604.1	2089.6	640.4	664.8	689.2	1446969.6	8.19	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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