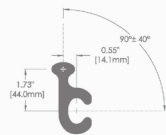


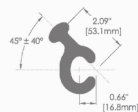
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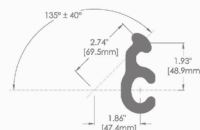
PilePro® Sheet Pile Connectors



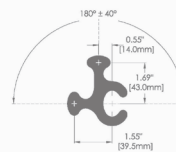
PZ 90



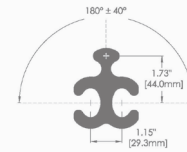
Colt



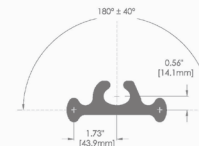
Cobra



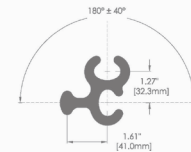
PZ Tee



Joker



Bullhead



PZT-S

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



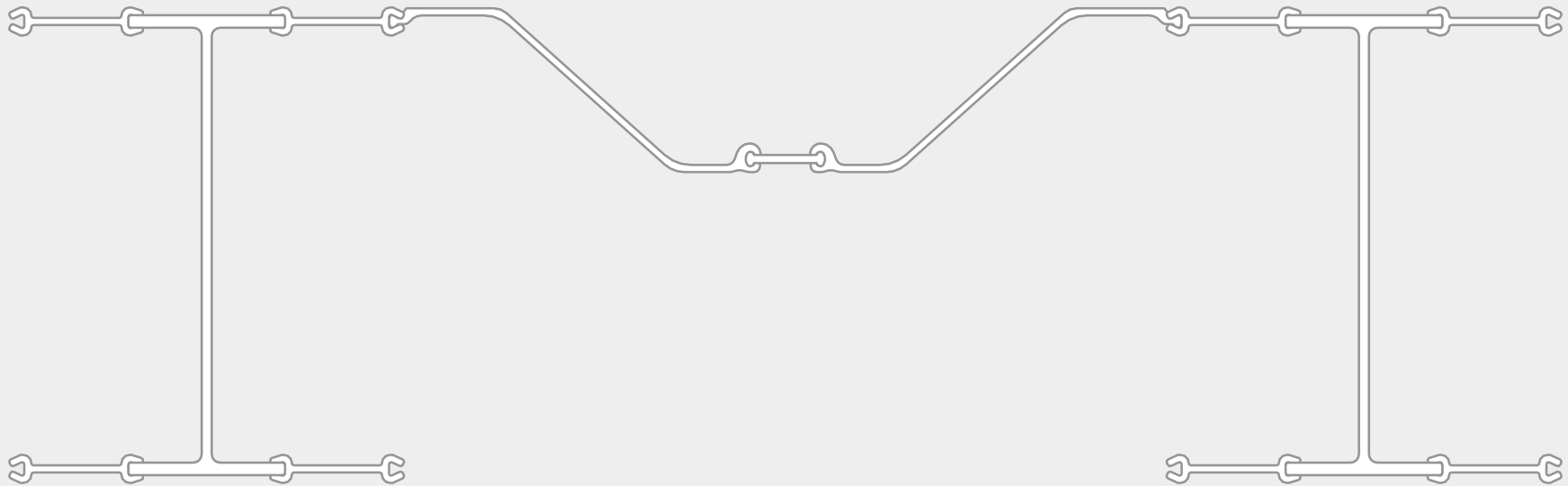
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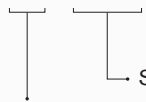


Configuration A3 (PZC 26)



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)	
38-2152	IZ®	69.8	84.7	25.1	31.8	38.6	638.7	26.46	W18X35	A3 (PZC 26)
		3751.8	2152	122.6	155.4	188.2	87226.4	8.06	W460X52	
39-2153	IZ®	71.7	84.8	25.8	32.5	39.2	658.6	26.52	W18X40	A3 (PZC 26)
		3852.9	2153	126	158.8	191.6	89938.5	8.08	W460X60	
40-2154	IZ®	73.4	84.8	26.7	33.4	40.1	676.7	26.56	W18X46	A3 (PZC 26)
		3946.2	2154	130.1	162.9	195.7	92415.1	8.09	W460X68	
40-2190	IZ®	73.5	86.2	26.8	33.4	40	675.8	27.02	W18X50	A3 (PZC 26)
		3949.2	2190	130.6	162.8	195.1	92283.6	8.23	W460X74	
40-2191	IZ®	75	86.3	27.5	34.1	40.7	691.5	27.02	W18X55	A3 (PZC 26)
		4030.9	2191	134.3	166.5	198.7	94431.4	8.23	W460X82	
41-2192	IZ®	76.5	86.3	28.2	34.7	41.3	707.3	27.05	W18X60	A3 (PZC 26)
		4111.6	2192	137.4	169.6	201.9	96582.4	8.24	W460X89	
42-2193	IZ®	77.9	86.3	28.8	35.4	42	722.7	27.08	W18X65	A3 (PZC 26)
		4189.6	2193	140.6	172.8	205	98691.3	8.25	W460X97	
42-2280	IZ®	78.7	89.8	29.2	35.5	41.9	726.9	28.2	W18X76	A3 (PZC 26)
		4228.7	2280	142.5	173.4	204.4	99259.6	8.59	W460X113	
43-2207	IZ®	79.3	86.9	26.3	32.8	39.4	776.4	27.67	W21X48	A3 (PZC 26)
		4264.1	2207	128.4	160.4	192.4	106024.1	8.43	W530X72	
43-2165	IZ®	79.3	85.2	26.3	32.9	39.6	776.6	27.11	W21X44	A3 (PZC 26)
		4264.7	2165	128.2	160.8	193.4	106053.9	8.26	W530X66	
43-2194	IZ®	79.5	86.4	29.7	36.3	42.8	739.8	27.11	W18X71	A3 (PZC 26)
		4276.6	2194	144.8	177	209.2	101032	8.26	W460X106	
44-2166	IZ®	81.5	85.3	27.1	33.7	40.4	802.1	27.15	W21X50	A3 (PZC 26)
		4383.7	2166	132.2	164.8	197.4	109531.9	8.27	W530X74	
44-2282	IZ®	81.6	89.8	30.5	36.8	43.2	756.6	28.26	W18X86	A3 (PZC 26)
		4384.4	2282	148.9	179.8	210.7	103319.5	8.61	W460X128	
44-2209	IZ®	82	87	27.3	33.8	40.4	807	27.7	W21X55	A3 (PZC 26)
		4409.9	2209	133.2	165.1	197.1	110201.3	8.44	W530X82	

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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)	
45-2166	IZ®	84.5	85.3	28	34.7	41.4	836.8	27.18	W21X57	A3 (PZC 26)
		4541.7	2166	136.9	169.5	202.1	114266	8.28	W530X85	
46-2283	IZ®	84.8	89.9	32	38.3	44.6	791	28.3	W18X97	A3 (PZC 26)
		4559.8	2283	156	187	217.9	108020.6	8.62	W460X144	
46-2209	IZ®	84.9	87	28.2	34.8	41.3	840.2	27.74	W21X62	A3 (PZC 26)
		4563.7	2209	137.8	169.8	201.7	114731.5	8.45	W530X92	
47-2210	IZ®	87.1	87	29	35.6	42.1	866.6	27.77	W21X68	A3 (PZC 26)
		4684.1	2210	141.7	173.6	205.5	118344.8	8.46	W530X101	
47-2284	IZ®	87.2	89.9	33.1	39.5	45.8	817.3	28.33	W18X106	A3 (PZC 26)
		4690.6	2284	161.8	192.7	223.6	111614.2	8.63	W460X158	
48-2211	IZ®	88.8	87	29.7	36.3	42.8	885.8	27.8	W21X73	A3 (PZC 26)
		4773.7	2211	145.1	177.1	209	120970.1	8.47	W530X109	
48-2454	IZ®	90	96.6	37.2	43.1	49	815.9	30.33	HP18x157	A3 (PZC 26)
		4840.9	2454	181.6	210.4	239.2	111421.5	9.24	HP360x234	
49-2286	IZ®	91.2	90	34.9	41.2	47.5	860.4	28.36	W18X119	A3 (PZC 26)
		4903.4	2286	170.3	201.1	232	117496.7	8.64	W460X177	
49-2178	IZ®	91.9	85.7	27.7	34.3	40.9	963.7	27.77	W24X55	A3 (PZC 26)
		4943.3	2178	135.1	167.5	199.9	131596.4	8.46	W610X82	
50-2212	IZ®	92.1	87.1	31	37.6	44.1	924.9	27.84	W21X83	A3 (PZC 26)
		4950.2	2212	151.5	183.4	215.3	126306	8.48	W530X123	
51-2179	IZ®	94.8	85.8	28.6	35.2	41.9	999.8	27.8	W24X62	A3 (PZC 26)
		5096.2	2179	139.7	172.1	204.5	136537.1	8.47	W610X92	
51-2283	IZ®	95.1	89.9	36.4	42.7	49.1	904.9	28.39	W18X130	A3 (PZC 26)
		5113.2	2283	177.7	208.6	239.5	123567	8.65	W460X193	
51-2214	IZ®	95.4	87.2	32.4	38.9	45.4	964.7	27.87	W21X93	A3 (PZC 26)
		5126.6	2214	158.1	189.9	221.8	131736.9	8.49	W530X138	
51-2312	IZ®	95.5	91	32.1	38.4	44.6	962	29.15	W21X101	A3 (PZC 26)
		5135.4	2312	156.8	187.3	217.9	131367.3	8.88	W530X150	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
52-2228	IZ®	95.9	87.7	28.8	35.3	41.8	1014.4	28.46	W24X68	A3 (PZC 26)
		5158.1	2228	140.5	172.2	203.9	138526	8.67	W610X101	
52-2457	IZ®	96.1	96.7	40.1	46	51.9	878	30.4	HP18x181	A3 (PZC 26)
		5168.5	2457.2	195.8	224.6	253.3	119901.2	9.26	HP360x269	
53-2313	IZ®	98.6	91.1	33.4	39.7	45.9	997.8	29.18	W21X111	A3 (PZC 26)
		5300.2	2313	163.2	193.7	224.2	136256	8.89	W530X165	
53-2285	IZ®	99.1	90	38.1	44.4	50.7	949.9	28.43	W18X143	A3 (PZC 26)
		5327	2285	185.8	216.7	247.6	129717.1	8.66	W460X213	
54-2228	IZ®	99.6	87.7	29.9	36.4	42.8	1061.1	28.49	W24X76	A3 (PZC 26)
		5354.3	2228	145.8	177.5	209.2	144903.7	8.68	W610X113	
55-2460	IZ®	102	96.9	43	48.9	54.8	941.4	30.46	HP18x204	A3 (PZC 26)
		5482.8	2460.4	210	238.7	267.4	128552.6	9.28	HP460x304	
55-2315	IZ®	102.3	91.1	34.8	41	47.3	1042.5	29.21	W21X122	A3 (PZC 26)
		5497.8	2315	169.8	200.3	230.8	142362.9	8.9	W530X182	
55-2229	IZ®	103	87.8	30.9	37.4	43.9	1105	28.52	W24X84	A3 (PZC 26)
		5538.1	2229	151	182.7	214.4	150895.4	8.69	W610X125	
56-2287	IZ®	103.3	90	40	46.3	52.6	998.3	28.49	W18X158	A3 (PZC 26)
		5553.8	2287	195.2	226.1	257	136321.6	8.68	W460X235	
57-2316	IZ®	105.6	91.2	36.1	42.3	48.6	1081.5	29.25	W21X132	A3 (PZC 26)
		5675.1	2316	176.2	206.7	237.1	147694.5	8.91	W530X196	
58-2324	IZ®	107	91.5	32.4	38.6	44.8	1155.4	29.74	W24X104	A3 (PZC 26)
		5754	2324	158	188.4	218.8	157784.1	9.06	W610X155	
58-2230	IZ®	107.1	87.8	32.4	38.8	45.3	1158.9	28.56	W24X94	A3 (PZC 26)
		5758.1	2230	158	189.6	221.3	158255.9	8.7	W610X140	
59-2289	IZ®	108.7	90.1	42.2	48.5	54.8	1062.2	28.56	W18X175	A3 (PZC 26)
		5845.8	2289	206	236.9	267.7	145050.1	8.7	W460X260	
60-2318	IZ®	110.6	91.3	38.1	44.3	50.5	1143.8	29.31	W21X147	A3 (PZC 26)
		5946.4	2318	185.8	216.3	246.8	156200.9	8.93	W530X219	

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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)	
60-2229	IZ®	111.2	87.8	33.5	40	46.5	1214.1	28.56	W24X103	A3 (PZC 26)
		5979.5	2229	163.7	195.4	227	165800.8	8.7	W610X153	
60-2325	IZ®	112.1	91.5	34	40.2	46.4	1221.4	29.77	W24X117	A3 (PZC 26)
		6027.4	2325	166	196.4	226.8	166790.4	9.07	W610X174	
61-2253	IZ®	113.1	88.7	30.7	37.1	43.5	1288	29.25	W27X84	A3 (PZC 26)
		6079.9	2253	149.7	181.1	212.4	175889.2	8.91	W690X125	
63-2327	IZ®	117.6	91.6	35.8	42.1	48.3	1295.1	29.84	W24X131	A3 (PZC 26)
		6324.7	2327	175	205.3	235.7	176863.5	9.09	W610X195	
64-2254	IZ®	118.2	88.7	31.9	38.4	44.8	1360.4	29.31	W27X94	A3 (PZC 26)
		6355.8	2254	156	187.3	218.6	185775.3	8.93	W690X140	
64-2315	IZ®	118.9	91.1	40.6	46.9	53.1	1248.6	29.31	W21X166	A3 (PZC 26)
		6390	2315	198.3	228.8	259.3	170513.6	8.93	W530X248	
66-2254	IZ®	122.4	88.7	33.1	39.5	45.9	1419.3	29.35	W27X102	A3 (PZC 26)
		6578.9	2254	161.5	192.8	224.2	193812.5	8.94	W690X152	
67-2318	IZ®	124.2	91.3	42.7	48.9	55.2	1317.3	29.38	W21X182	A3 (PZC 26)
		6676.3	2318	208.5	239	269.4	179885.7	8.95	W530X272	
67-2328	IZ®	124.2	91.7	37.8	44	50.2	1382.2	29.9	W24X146	A3 (PZC 26)
		6679	2328	184.4	214.7	245	188756.7	9.11	W610X217	
69-2256	IZ®	127.4	88.8	34.6	41	47.4	1492.6	29.38	W27X114	A3 (PZC 26)
		6849.1	2256	169	200.3	231.6	203832.1	8.95	W690X170	
69-2264	IZ®	127.8	89.1	31.2	37.6	44	1553.6	29.87	W30X90	A3 (PZC 26)
		6873	2264	152.5	183.7	214.9	212160.2	9.1	W760X134	
70-2329	IZ®	130.7	91.7	39.9	46.1	52.3	1471.5	29.94	W24X162	A3 (PZC 26)
		7026	2329	194.7	225.1	255.4	200953	9.12	W610X241	
70-2319	IZ®	130.9	91.3	45.2	51.4	57.7	1406.4	29.44	W21X201	A3 (PZC 26)
		7039.8	2319	220.6	251.1	281.5	192061.8	8.97	W530X300	
71-2265	IZ®	131.7	89.2	32.5	38.9	45.3	1614.7	29.9	W30X99	A3 (PZC 26)
		7082.2	2265	158.7	189.8	221	220506.3	9.11	W760X147	

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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)	
71-2418	IZ®	132.1	95.2	64.6	70.6	76.6	1197	29.77	W14X370	A3 (PZC 26)
		7100.4	2418	315.5	344.7	373.9	163456.6	9.07	W360X551	
73-2254	IZ®	135.2	88.7	36.6	43.1	49.5	1607.8	29.41	W27X129	A3 (PZC 26)
		7267.1	2254	178.9	210.3	241.6	219561.6	8.96	W690X192	
74-2327	IZ®	136.7	91.6	41.6	47.9	54.1	1554.7	29.94	W24X176	A3 (PZC 26)
		7349.5	2327	203.3	233.7	264	212303	9.12	W610X262	
74-2266	IZ®	136.8	89.2	33.7	40.1	46.4	1693.7	29.94	W30X108	A3 (PZC 26)
		7356.7	2266	164.5	195.6	226.8	231296.4	9.12	W760X161	
74-2355	IZ®	138.1	92.7	37.4	43.5	49.7	1643.8	30.69	W27X146	A3 (PZC 26)
		7424	2355	182.6	212.6	242.5	224469.9	9.35	W690X217	
75-2421	IZ®	138.5	95.3	68.1	74	80	1275	29.84	W14X398	A3 (PZC 26)
		7445.4	2421	332.3	361.4	390.6	174106.8	9.09	W360X592	
76-2267	IZ®	141.6	89.3	34.8	41.2	47.6	1766.9	29.97	W30X116	A3 (PZC 26)
		7610.3	2267	169.9	201.1	232.2	241283.9	9.13	W760X173	
77-2329	IZ®	142.6	91.7	43.7	49.9	56.1	1638.7	30	W24X192	A3 (PZC 26)
		7665.3	2329	213.3	243.6	273.9	223774	9.14	W610X285	
78-2356	IZ®	144.7	92.8	39.4	45.5	51.6	1742.3	30.72	W27X161	A3 (PZC 26)
		7777.8	2356	192.2	222.1	252.1	237920.6	9.36	W690X240	
78-2424	IZ®	145.4	95.4	71.5	77.5	83.4	1358.3	29.94	W14X426	A3 (PZC 26)
		7819.3	2424	349	378.2	407.3	185485.3	9.12	W360X634	
79-2267	IZ®	146.1	89.3	35.8	42.2	48.6	1837.4	30	W30X124	A3 (PZC 26)
		7853.7	2267	174.8	205.9	237.1	250910.4	9.14	W760X185	
80-2330	IZ®	148.7	91.7	45.7	51.9	58.1	1726.6	30.03	W24X207	A3 (PZC 26)
		7994.1	2330	223	253.3	283.6	235785.8	9.15	W610X307	
81-2268	IZ®	150.2	89.3	36.9	43.3	49.7	1904.2	30.03	W30X132	A3 (PZC 26)
		8073.6	2268	180.3	211.4	242.5	260030.8	9.15	W760X196	
81-2358	IZ®	151.5	92.8	41.5	47.6	53.8	1844.2	30.79	W27X178	A3 (PZC 26)
		8143.5	2358	202.7	232.6	262.5	251843.3	9.38	W690X265	

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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)	
82-2428	IZ®	151.8	95.6	75	81	86.9	1438.2	30.03	W14X455	A3 (PZC 26)
		8160.5	2428	366.2	395.3	424.4	196405.7	9.15	W360X677	
84-2292	IZ®	156.6	90.2	34.6	40.9	47.3	2081.2	30.79	W33X118	A3 (PZC 26)
		8418.7	2292	169.1	199.9	230.7	284209.2	9.38	W840X176	
84-2333	IZ®	157	91.9	48.5	54.7	60.9	1849.2	30.13	W24X229	A3 (PZC 26)
		8443.2	2333	236.8	267.1	297.3	252531	9.18	W610X341	
86-2266	IZ®	159.6	89.2	39.1	45.5	51.8	2056.9	30.07	W30X148	A3 (PZC 26)
		8581.6	2266	190.8	222	253.1	280887.3	9.16	W760X220	
86-2356	IZ®	160.1	92.8	43.6	49.7	55.9	1975	30.79	W27X194	A3 (PZC 26)
		8606	2356	212.8	242.8	272.8	269710.3	9.38	W690X289	
88-2432	IZ®	163	95.7	80.5	86.5	92.4	1582.7	30.13	W14X500	A3 (PZC 26)
		8764	2432	393.1	422.1	451.1	216138.5	9.18	W360X744	
88-2292	IZ®	164	90.2	36.3	42.6	48.9	2206.2	30.82	W33X130	A3 (PZC 26)
		8817.9	2292	177	207.8	238.6	301270	9.39	W840X193	
89-2335	IZ®	165.6	91.9	51.2	57.4	63.6	1975.9	30.2	W24X250	A3 (PZC 26)
		8900.7	2335	250.1	280.3	310.5	269829.9	9.2	W610X372	
89-2381	IZ®	165.6	93.7	40.4	46.5	52.6	2147	31.54	W30X173	A3 (PZC 26)
		8903.3	2381	197.4	227.1	256.7	293188.5	9.61	W760X257	
91-2359	IZ®	170.1	92.9	46.5	52.7	58.8	2130.8	30.89	W27X217	A3 (PZC 26)
		9143.8	2359	227.2	257.1	287.1	290984.4	9.41	W690X323	
92-2293	IZ®	170.9	90.3	37.7	44	50.3	2326.4	30.85	W33X141	A3 (PZC 26)
		9190	2293	184.1	214.9	245.7	317695.9	9.4	W840X210	
94-2382	IZ®	174.2	93.8	42.7	48.8	54.9	2288.3	31.58	W30X191	A3 (PZC 26)
		9367.4	2382	208.5	238.2	267.8	312486	9.62	W760X284	
94-2437	IZ®	175.6	95.9	86.4	92.3	98.3	1749.7	30.3	W14X550	A3 (PZC 26)
		9438.5	2437	421.9	450.9	479.8	238942	9.23	W360X818	
95-2338	IZ®	176.4	92	54.9	61.1	67.3	2141.3	30.26	W24X279	A3 (PZC 26)
		9482.3	2338	268.2	298.4	328.6	292419.3	9.22	W610X415	

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95-2294	IZ®	177.4	90.3	39.2	45.5	51.8	2440.5	30.92	W33X152	A3 (PZC 26)
		9539.1	2294	191.2	222	252.8	333276.3	9.42	W840X226	
95-2360	IZ®	177.5	92.9	48.9	55	61.2	2249	30.92	W27X235	A3 (PZC 26)
		9540.9	2360	238.8	268.7	298.6	307119.1	9.42	W690X350	
96-2304	IZ®	178.9	90.7	36.7	43	49.2	2541.7	31.38	W36X135	A3 (PZC 26)
		9620.8	2304	179.1	209.8	240.4	347095.2	9.56	W920X201	
99-2384	IZ®	183.7	93.9	45.2	51.3	57.4	2447.1	31.64	W30X211	A3 (PZC 26)
		9876.4	2384	220.9	250.5	280.1	334172.2	9.64	W760X314	
101-2340	IZ®	187	92.1	58.3	64.5	70.7	2307.9	30.33	W24X306	A3 (PZC 26)
		10054.9	2340	284.7	314.9	345.1	315160.5	9.24	W610X455	
101-2362	IZ®	187.4	93	51.7	57.8	64	2408.9	30.99	W27X258	A3 (PZC 26)
		10075.1	2362	252.5	282.4	312.3	328956	9.44	W690X384	
101-2292	IZ®	187.8	90.2	41.3	47.6	53.9	2623.4	30.92	W33X169	A3 (PZC 26)
		10097.5	2292	201.7	232.5	263.3	358249.4	9.42	W840X251	
102-2304	IZ®	189.6	90.7	38.7	45	51.3	2738.1	31.44	W36X150	A3 (PZC 26)
		10196	2304	189	219.7	250.3	373915	9.58	W920X223	
102-2442	IZ®	189.9	96.1	93.5	99.4	105.3	1946	30.43	W14X605	A3 (PZC 26)
		10207.9	2442	456.4	485.3	514.2	265742.2	9.27	W360X900	
105-2305	IZ®	195.6	90.7	40	46.3	52.6	2850.6	31.48	W36X160	A3 (PZC 26)
		10516.1	2305	195.4	226	256.7	389273.8	9.59	W920X238	
106-2382	IZ®	196.3	93.8	48.3	54.4	60.5	2659.5	31.67	W30X235	A3 (PZC 26)
		10554.8	2382	235.9	265.5	295.2	363182.4	9.65	W760X350	
106-2400	IZ®	197.3	94.5	43.7	49.7	55.7	2789.8	32.3	W33X201	A3 (PZC 26)
		10606.9	2400	213.2	242.6	272	380969.2	9.84	W840X299	
106-2364	IZ®	197.5	93.1	54.7	60.9	67	2575.3	31.05	W27X281	A3 (PZC 26)
		10619	2364	267.2	297.1	327	351681.5	9.46	W690X419	
107-2343	IZ®	198.2	92.2	62.1	68.3	74.4	2486.4	30.43	W24X335	A3 (PZC 26)
		10655.4	2343	303.1	333.3	363.4	339546.3	9.27	W610X498	

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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)	
108-2306	IZ®	201.7	90.8	41.3	47.6	53.9	2966.2	31.51	W36X170	A3 (PZC 26)
		10843.7	2306	201.8	232.4	263	405055.5	9.6	W920X253	
109-2300	IZ®	202.1	90.6	38.6	44.9	51.2	3054	31.77	W40X149	A3 (PZC 26)
		10863.1	2300	188.7	219.4	250.1	417052.2	9.68	W1000X222	
110-2448	IZ®	205.2	96.4	100.5	106.4	112.3	2169.3	30.59	W14X665	A3 (PZC 26)
		11033.2	2448	490.6	519.4	548.2	296237	9.32	W360X990	
112-2385	IZ®	207.9	93.9	51.6	57.7	63.7	2861.3	31.74	W30X261	A3 (PZC 26)
		11174.9	2385	252.1	281.7	311.3	390729.5	9.67	W760X389	
112-2401	IZ®	207.9	94.5	46.2	52.2	58.2	2983.3	32.36	W33X221	A3 (PZC 26)
		11178.4	2401	225.5	254.9	284.3	407396.4	9.86	W840X329	
112-2367	IZ®	207.9	93.2	57.9	64	70.1	2750.1	31.12	W27X307	A3 (PZC 26)
		11180	2367	282.8	312.6	342.5	375555.4	9.48	W690X457	
112-2307	IZ®	208.2	90.8	42.9	49.2	55.5	3092.1	31.54	W36X182	A3 (PZC 26)
		11192.2	2307	209.5	240.1	270.7	422251.2	9.61	W920X271	
114-2347	IZ®	211.6	92.4	66.6	72.7	78.9	2706.8	30.53	W24X370	A3 (PZC 26)
		11377.2	2347	325	355.1	385.2	369641.3	9.3	W610X551	
115-2308	IZ®	214.4	90.9	44.4	50.7	57	3214.5	31.58	W36X194	A3 (PZC 26)
		11527.3	2308	216.9	247.5	278.1	438965.2	9.62	W920X289	
116-2300	IZ®	216.6	90.6	41	47.3	53.6	3338	31.84	W40X167	A3 (PZC 26)
		11644.8	2300	200.3	231	261.7	455828.5	9.7	W1000X249	
117-2403	IZ®	218.2	94.6	48.7	54.7	60.7	3172.3	32.43	W33X241	A3 (PZC 26)
		11732.3	2403	237.7	267.1	296.5	433211	9.88	W840X359	
119-2370	IZ®	220.5	93.3	61.6	67.7	73.8	2964.7	31.22	W27X336	A3 (PZC 26)
		11852.9	2370	300.7	330.5	360.3	404855	9.51	W690X500	
120-2387	IZ®	222.7	94	55.5	61.5	67.6	3122.7	31.81	W30X292	A3 (PZC 26)
		11973.5	2387	270.9	300.5	330.1	426438.2	9.69	W760X434	
120-2309	IZ®	222.8	90.9	46.6	52.8	59.1	3380.3	31.61	W36X210	A3 (PZC 26)
		11976.1	2309	227.4	257.9	288.5	461609.9	9.63	W920X313	

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120-2454	IZ®	222.9	96.6	108.1	114	119.9	2429.6	30.76	W14X730	A3 (PZC 26)
		11983.5	2454	527.7	556.5	585.3	331783.9	9.37	W360X1086	
121-2418	IZ®	225.7	95.2	46.9	52.9	58.9	3396.4	32.92	W36X230	A3 (PZC 26)
		12135.4	2418	229.1	258.3	287.5	463807.5	10.03	W920X342	
124-2300	IZ®	230.5	90.6	43.1	49.4	55.7	3614.8	31.9	W40X183	A3 (PZC 26)
		12394.3	2300	210.5	241.2	271.9	493632.2	9.72	W1000X272	
125-2401	IZ®	231.5	94.5	51.5	57.6	63.6	3419.7	32.43	W33X263	A3 (PZC 26)
		12446.7	2401	251.7	281.1	310.5	466987.8	9.88	W840X392	
125-2400	IZ®	231.8	94.5	43.3	49.4	55.4	3643.9	33.15	W40X199	A3 (PZC 26)
		12463.9	2400	211.6	241	270.4	497602.7	10.1	W1000X296	
126-2372	IZ®	233.7	93.4	65.7	71.8	77.9	3196.4	31.28	W27X368	A3 (PZC 26)
		12566.3	2372	320.6	350.4	380.1	436500.7	9.53	W690X548	
126-2419	IZ®	234	95.2	48.8	54.8	60.8	3555.5	32.95	W36X245	A3 (PZC 26)
		12582.8	2419	238.4	267.6	296.8	485540.7	10.04	W920X365	
127-2471	IZ®	237	97.3	117.1	123	128.8	2632.8	30.92	W14X808	A3 (PZC 26)
		12744.2	2471	571.8	600.3	628.9	359529.2	9.42	W360X1202	
128-2308	IZ®	237.5	90.9	49.4	55.6	61.9	3671.3	31.64	W36X232	A3 (PZC 26)
		12766.2	2308	241.1	271.7	302.2	501347.9	9.64	W920X345	
128-2390	IZ®	237.8	94.1	59.7	65.8	71.8	3395.6	31.9	W30X326	A3 (PZC 26)
		12782.4	2390	291.6	321.1	350.7	463704.6	9.72	W760X484	
130-2420	IZ®	242.3	95.3	50.7	56.7	62.6	3717.8	32.99	W36X260	A3 (PZC 26)
		13027.2	2420	247.4	276.6	305.8	507703	10.05	W920X387	
132-2404	IZ®	245.3	94.6	55	61	67.1	3682.6	32.53	W33X291	A3 (PZC 26)
		13187.3	2404	268.7	298	327.4	502886.5	9.91	W840X433	
132-2400	IZ®	245.5	94.5	45.5	51.5	57.5	3916.9	33.22	W40X215	A3 (PZC 26)
		13198.7	2400	222	251.4	280.8	534889.9	10.12	W1000X321	
133-2300	IZ®	246.6	90.6	46.8	53.1	59.4	3955.9	31.94	W40X211	A3 (PZC 26)
		13255.4	2300	228.6	259.3	290	540216.7	9.73	W1000X314	

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135-2310	IZ®	250.3	90.9	52.6	58.9	65.1	3935.3	31.71	W36X256	A3 (PZC 26)
		13455.6	2310	256.8	287.4	318	537403	9.66	W920X381	
136-2393	IZ®	252.3	94.2	63.6	69.7	75.7	3665	32	W30X357	A3 (PZC 26)
		13563.7	2393	310.6	340.1	369.6	500486	9.75	W760X531	
137-2422	IZ®	253.9	95.4	53.2	59.2	65.2	3947.6	33.05	W36X280	A3 (PZC 26)
		13648.5	2422	259.9	289	318.2	539074.6	10.07	W920X417	
139-2406	IZ®	258.9	94.7	58.4	64.4	70.4	3946.4	32.59	W33X318	A3 (PZC 26)
		13919.6	2406	285.1	314.4	343.8	538915.4	9.93	W840X473	
140-2302	IZ®	260.1	90.6	49.9	56.2	62.5	4248	32	W40X235	A3 (PZC 26)
		13983.1	2302	243.7	274.4	305.1	580097.2	9.75	W1000X350	
142-2423	IZ®	264.2	95.4	55.7	61.7	67.7	4153.4	33.09	W36X300	A3 (PZC 26)
		14204.1	2423	272.1	301.2	330.3	567179.2	10.08	W920X446	
142-2400	IZ®	264.9	94.5	49.8	55.8	61.8	4327.3	33.25	W40X249	A3 (PZC 26)
		14244.2	2400	243	272.4	301.8	590935.3	10.13	W1000X371	
144-2396	IZ®	267.5	94.3	68	74	80	3953	32.07	W30X391	A3 (PZC 26)
		14381.4	2396	331.8	361.3	390.7	539823.2	9.77	W760X582	
147-2303	IZ®	274.1	90.7	53.7	60	66.3	4562.8	32.07	W40X264	A3 (PZC 26)
		14738.7	2303	262.4	293	323.7	623087.4	9.77	W1000X393	
149-2409	IZ®	276.3	94.8	62.9	68.9	74.9	4289.9	32.66	W33X354	A3 (PZC 26)
		14852.6	2409	306.9	336.2	365.5	585823.1	9.95	W840X527	
150-2400	IZ®	279.3	94.5	47.3	53.4	59.4	4850.9	33.84	W44X230	A3 (PZC 26)
		15014.8	2400	231.2	260.6	290	662439.3	10.31	W1100X343	
150-2422	IZ®	279.4	95.4	59.2	65.2	71.1	4463.6	33.12	W36X328	A3 (PZC 26)
		15020.5	2422	289	318.2	347.3	609545.8	10.09	W920X488	
151-2402	IZ®	280.5	94.6	53.2	59.2	65.2	4662	33.31	W40X277	A3 (PZC 26)
		15080.2	2402	259.7	289.1	318.5	636644.2	10.15	W1000X412	
151-2304	IZ®	281.3	90.7	55.7	61.9	68.2	4723.8	32.07	W40X278	A3 (PZC 26)
		15121.9	2304	271.8	302.5	333.1	645075.1	9.77	W1000X415	

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155-2402	IZ®	289.1	94.6	55.8	61.8	67.8	4856.5	33.31	W40X297	A3 (PZC 26)
		15541.5	2402	272.5	301.9	331.3	663203.3	10.15	W1000X443	
157-2411	IZ®	292.3	94.9	67	73	79	4616.1	32.76	W33X387	A3 (PZC 26)
		15712.4	2411	327.1	356.4	385.7	630375.9	9.98	W840X576	
158-2425	IZ®	294.5	95.5	63	68.9	74.9	4778.6	33.18	W36X359	A3 (PZC 26)
		15835.4	2425	307.5	336.6	365.7	652566.3	10.11	W920X534	
162-2400	IZ®	301.1	94.5	51.4	57.5	63.5	5350.4	33.91	W44X262	A3 (PZC 26)
		16190.1	2400	251.1	280.5	310	730649.1	10.33	W1100X390	
164-2404	IZ®	305.2	94.6	59.2	65.2	71.2	5208.3	33.41	W40X324	A3 (PZC 26)
		16410.6	2404	288.9	318.3	347.6	711236.2	10.18	W1000X483	
164-2387	IZ®	305.5	94	86.9	92.9	99	4538.2	31.74	W27X539	A3 (PZC 26)
		16425.7	2387	424.2	453.7	483.3	619728.5	9.67	W690X802	
166-2308	IZ®	308.4	90.9	61.9	68.2	74.4	5336.4	32.2	W40X327	A3 (PZC 26)
		16583	2308	302.3	332.9	363.5	728727.5	9.81	W1000X486	
167-2309	IZ®	309.7	90.9	62.6	68.8	75.1	5367.7	32.23	W40X331	A3 (PZC 26)
		16652.8	2309	305.6	336.1	366.7	733007.6	9.82	W1000X494	
168-2427	IZ®	312.1	95.6	67.3	73.3	79.2	5151.9	33.28	W36X393	A3 (PZC 26)
		16778.3	2427	328.6	357.6	386.7	703535.8	10.14	W920X585	
171-2402	IZ®	318.6	94.6	55.1	61.1	67.1	5763.5	33.97	W44X290	A3 (PZC 26)
		17128.2	2402	268.9	298.3	327.7	787062.3	10.35	W1100X433	
175-2407	IZ®	324.8	94.8	63.9	69.9	75.9	5651.1	33.48	W40X362	A3 (PZC 26)
		17462.2	2407	312	341.4	370.7	771712.9	10.2	W1000X539	
177-2408	IZ®	329.1	94.8	65.2	71.2	77.2	5751.5	33.51	W40X372	A3 (PZC 26)
		17694.5	2408	318.1	347.4	376.7	785419	10.21	W1000X554	
180-2431	IZ®	335.4	95.7	72.9	78.8	84.8	5650.7	33.38	W36X439	A3 (PZC 26)
		18029.9	2431	355.8	384.8	413.9	771649.5	10.17	W920X653	
183-2405	IZ®	340.9	94.7	60.4	66.4	72.4	6310.3	34.04	W44X335	A3 (PZC 26)
		18327.3	2405	295	324.4	353.7	861732.5	10.37	W1100X499	

* 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)	
185-2314	IZ [®]	343.9	91.1	70.4	76.7	82.9	6162.4	32.4	W40X392	A3 (PZC 26)
		18488.6	2314	343.9	374.4	404.9	841525.9	9.87	W1000X584	
185-2409	IZ [®]	344.2	94.8	68.3	74.3	80.3	6094.5	33.54	W40X397	A3 (PZC 26)
		18506.9	2409	333.3	362.6	391.9	832251.5	10.22	W1000X591	
194-2412	IZ [®]	361.5	95	72.5	78.5	84.5	6495.2	33.64	W40X431	A3 (PZC 26)
		19436.2	2412	354	383.3	412.6	886983.5	10.25	W1000X642	
205-2437	IZ [®]	380.3	95.9	83.6	89.6	95.5	6649.8	33.58	W36X527	A3 (PZC 26)
		20445.6	2437	408.4	437.3	466.3	908093.8	10.23	W920X784	
216-2417	IZ [®]	401.2	95.2	81.5	87.5	93.4	7436.9	33.81	W40X503	A3 (PZC 26)
		21570.4	2417	397.8	427	456.2	1015577.3	10.3	W1000X748	
238-2446	IZ [®]	442.5	96.3	98.6	104.5	110.4	8095.9	33.84	W36X650	A3 (PZC 26)
		23789.3	2446	481.3	510.2	539.1	1105570.3	10.31	W920X967	
243-2424	IZ [®]	451.4	95.4	92.8	98.8	104.8	8663.9	34	W40X593	A3 (PZC 26)
		24267.1	2424	453.3	482.4	511.6	1183127.3	10.36	W1000X883	
279-2457	IZ [®]	519.4	96.7	116.5	122.4	128.2	9976.7	34.17	W36X798	A3 (PZC 26)
		27925.7	2457	568.6	597.4	626.1	1362404.9	10.41	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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