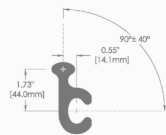


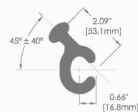
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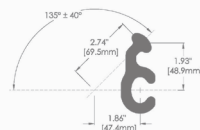
PilePro® Sheet Pile Connectors



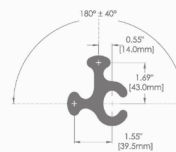
PZ 90



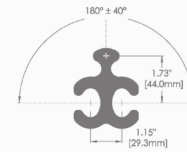
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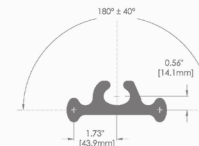
Cobra



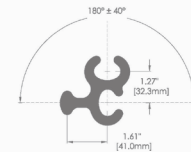
PZ Tee



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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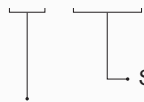


Configuration D3 (PZC 26)



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)	
33-1618	IZ®	61.7	63.7	24.9	31	37.1	512.8	17.83	W18X35	D3 (PZC 26)
		3315.4	1618.4	121.5	151.2	181	70029.5	5.43	W460X52	
34-1619	IZ®	63.7	63.8	25.8	31.9	38	531.7	17.89	W18X40	D3 (PZC 26)
		3422.7	1619.4	126	155.7	185.4	72612.4	5.45	W460X60	
35-1620	IZ®	65.5	63.8	26.9	33	39.1	549.8	17.93	W18X46	D3 (PZC 26)
		3523.4	1620.4	131.4	161.1	190.9	75085.8	5.46	W460X68	
36-1656	IZ®	66.1	65.2	27	33	38.9	554.4	18.39	W18X50	D3 (PZC 26)
		3552	1656.4	132	161.1	190.2	75707.3	5.6	W460X74	
36-1631	IZ®	66.9	64.2	26.4	32.4	38.5	579	18.48	W21X44	D3 (PZC 26)
		3595.6	1631.4	128.8	158.3	187.8	79066	5.63	W530X66	
36-1673	IZ®	67.5	65.9	26.4	32.3	38.2	586	19.04	W21X48	D3 (PZC 26)
		3628	1673.4	129.1	157.9	186.6	80022.1	5.8	W530X72	
36-1657	IZ®	67.8	65.3	28	34	39.9	570.9	18.39	W18X55	D3 (PZC 26)
		3643.5	1657.4	136.9	165.9	195	77954.9	5.6	W460X82	
37-1658	IZ®	69.5	65.3	28.9	34.8	40.8	587.3	18.42	W18X60	D3 (PZC 26)
		3734.3	1658.4	141.1	170.1	199.1	80197.4	5.61	W460X89	
37-1632	IZ®	69.5	64.3	27.5	33.5	39.6	606.2	18.52	W21X50	D3 (PZC 26)
		3735.2	1632.4	134.1	163.6	193.1	82783.3	5.64	W530X74	
38-1675	IZ®	70.8	66	27.7	33.6	39.5	620.2	19.07	W21X55	D3 (PZC 26)
		3805.5	1675.4	135.4	164.1	192.9	84689	5.81	W530X82	
38-1659	IZ®	71.1	65.3	29.7	35.7	41.6	603.3	18.45	W18X65	D3 (PZC 26)
		3821.8	1659.4	145.2	174.2	203.3	82390.9	5.62	W460X97	
39-1632	IZ®	72.8	64.3	28.8	34.8	40.8	641.9	18.55	W21X57	D3 (PZC 26)
		3916	1632.4	140.4	169.9	199.4	87661.3	5.65	W530X85	
39-1746	IZ®	72.9	68.8	30.2	35.8	41.5	619.3	19.57	W18X76	D3 (PZC 26)
		3917.9	1746.4	147.4	175	202.6	84572.3	5.96	W460X113	
39-1660	IZ®	72.9	65.4	30.9	36.8	42.8	621.6	18.48	W18X71	D3 (PZC 26)
		3920	1660.4	150.8	179.8	208.8	84891.4	5.63	W460X106	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
40-1675	IZ®	74.2	66	29	34.9	40.8	655.8	19.11	W21X62	D3 (PZC 26)
		3987.4	1675.4	141.5	170.2	199	89548.8	5.82	W530X92	
41-1644	IZ®	75.7	64.7	28.3	34.3	40.2	689.8	19.14	W24X55	D3 (PZC 26)
		4067.4	1644.4	138	167.2	196.5	94192.9	5.83	W610X82	
41-1748	IZ®	76.3	68.8	31.9	37.5	43.2	652.7	19.63	W18X86	D3 (PZC 26)
		4102.5	1748.4	155.8	183.3	210.9	89128.7	5.98	W460X128	
41-1676	IZ®	76.8	66	30	35.9	41.8	684.2	19.14	W21X68	D3 (PZC 26)
		4129.3	1676.4	146.6	175.3	204	93439.1	5.83	W530X101	
42-1677	IZ®	78.9	66	31	36.8	42.7	706.6	19.17	W21X73	D3 (PZC 26)
		4240	1677.4	151.2	179.9	208.6	96494.4	5.84	W530X109	
43-1645	IZ®	79.3	64.8	29.5	35.5	41.5	731.1	19.17	W24X62	D3 (PZC 26)
		4261.3	1645.4	144.1	173.3	202.6	99835.1	5.84	W610X92	
43-1749	IZ®	80.1	68.9	33.8	39.5	45.1	690.7	19.67	W18X97	D3 (PZC 26)
		4308.1	1749.4	165.1	192.7	220.2	94326.5	5.99	W460X144	
44-1694	IZ®	81.8	66.7	29.7	35.5	41.3	759.6	19.83	W24X68	D3 (PZC 26)
		4395.7	1694.4	145	173.4	201.8	103729.1	6.04	W610X101	
45-1678	IZ®	82.8	66.1	32.7	38.5	44.4	750.3	19.21	W21X83	D3 (PZC 26)
		4452.2	1678.4	159.5	188.2	216.9	102456.4	5.85	W530X123	
45-1750	IZ®	82.9	68.9	35.4	41	46.6	719.6	19.7	W18X106	D3 (PZC 26)
		4459.5	1750.4	172.7	200.2	227.7	98270.3	6	W460X158	
46-1694	IZ®	86.3	66.7	31.1	36.9	42.8	812.6	19.86	W24X76	D3 (PZC 26)
		4642.2	1694.4	152	180.4	208.8	110961.2	6.05	W610X113	
47-1680	IZ®	86.8	66.2	34.4	40.3	46.2	794.9	19.24	W21X93	D3 (PZC 26)
		4664.1	1680.4	168.2	196.8	225.5	108557	5.86	W530X138	
47-1752	IZ®	87.6	69	37.6	43.2	48.9	767.6	19.73	W18X119	D3 (PZC 26)
		4710	1752.4	183.7	211.1	238.6	104816.1	6.01	W460X177	
48-1778	IZ®	88.6	70	34	39.5	45.1	812	20.52	W21X101	D3 (PZC 26)
		4762.3	1778.4	166	193	220.1	110889.5	6.25	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)	
49-1695	IZ®	90.7	66.7	32.5	38.3	44.2	863.9	19.9	W24X84	D3 (PZC 26)
		4877.4	1695.4	158.8	187.2	215.6	117968.3	6.06	W610X125	
50-1749	IZ®	92.1	68.9	39.6	45.2	50.9	815.4	19.76	W18X130	D3 (PZC 26)
		4951.4	1749.4	193.4	220.9	248.4	111350.2	6.02	W460X193	
50-1779	IZ®	92.4	70.1	35.7	41.2	46.8	854.4	20.55	W21X111	D3 (PZC 26)
		4966.6	1779.4	174.3	201.3	228.4	116678.5	6.26	W530X165	
52-1696	IZ®	95.9	66.8	34.4	40.2	46	926.8	19.93	W24X94	D3 (PZC 26)
		5155.4	1696.4	168	196.4	224.7	126565.3	6.07	W610X140	
52-1924	IZ®	96	75.7	44.1	49.2	54.3	828.5	21.77	HP18x181	D3 (PZC 26)
		5162.8	1923.6	215.2	240.2	265.2	113133.1	6.63	HP360x269	
52-1751	IZ®	96.8	69	41.8	47.4	53	865.7	19.8	W18X143	D3 (PZC 26)
		5204	1751.4	203.9	231.4	258.9	118222.9	6.03	W460X213	
52-1781	IZ®	96.8	70.1	37.5	43	48.5	905.2	20.58	W21X122	D3 (PZC 26)
		5205.6	1781.4	182.9	209.9	236.9	123617.3	6.27	W530X182	
52-1719	IZ®	97.2	67.7	32.2	37.9	43.6	969.5	20.62	W27X84	D3 (PZC 26)
		5228.3	1719.4	157.1	185.1	213.1	132394.1	6.28	W690X125	
53-1790	IZ®	97.7	70.5	34.3	39.8	45.3	948.5	21.11	W24X104	D3 (PZC 26)
		5251.9	1790.4	167.5	194.4	221.3	129521.1	6.43	W610X155	
54-1782	IZ®	100.9	70.2	39.1	44.7	50.2	951.7	20.62	W21X132	D3 (PZC 26)
		5426.9	1782.4	191.1	218.2	245.2	129967.8	6.28	W530X196	
54-1695	IZ®	101	66.7	35.9	41.8	47.6	988.6	19.93	W24X103	D3 (PZC 26)
		5427.5	1695.4	175.5	203.9	232.3	135008.4	6.07	W610X153	
55-1753	IZ®	101.8	69	44.3	49.9	55.5	920.4	19.86	W18X158	D3 (PZC 26)
		5472.5	1753.4	216.2	243.7	271.2	125683.9	6.05	W460X235	
55-1927	IZ®	103	75.9	47.8	52.9	58	900.6	21.83	HP18x204	D3 (PZC 26)
		5535.1	1926.8	233.2	258.2	283.2	122987.8	6.65	HP460x304	
56-1720	IZ®	103.9	67.7	33.8	39.6	45.3	1054.1	20.68	W27X94	D3 (PZC 26)
		5588.4	1720.4	165.2	193.2	221.1	143950.2	6.3	W690X140	

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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)	
56-1791	IZ®	104.2	70.5	36.4	41.9	47.4	1026.8	21.14	W24X117	D3 (PZC 26)
		5599.6	1791.4	177.9	204.8	231.7	140213.7	6.44	W610X174	
58-1784	IZ®	107.1	70.3	41.7	47.2	52.8	1023.9	20.68	W21X147	D3 (PZC 26)
		5757.7	1784.4	203.7	230.7	257.6	139820.8	6.3	W530X219	
58-1755	IZ®	108.2	69.1	47.2	52.8	58.4	992.3	19.93	W18X175	D3 (PZC 26)
		5819	1755.4	230.3	257.7	285.2	135505.5	6.07	W460X260	
59-1730	IZ®	109.2	68.1	32.9	38.6	44.3	1151.5	21.24	W30X90	D3 (PZC 26)
		5870.9	1730.4	160.6	188.4	216.2	157249.1	6.47	W760X134	
59-1720	IZ®	109.4	67.7	35.3	41.1	46.8	1124.8	20.72	W27X102	D3 (PZC 26)
		5882.6	1720.4	172.5	200.5	228.4	153605.6	6.31	W690X152	
60-1793	IZ®	111.1	70.6	38.8	44.3	49.8	1113.5	21.21	W24X131	D3 (PZC 26)
		5972.2	1793.4	189.5	216.4	243.2	152058.1	6.46	W610X195	
62-1731	IZ®	114.6	68.2	34.5	40.2	45.9	1229	21.27	W30X99	D3 (PZC 26)
		6162.3	1731.4	168.7	196.5	224.3	167832.8	6.48	W760X147	
62-1722	IZ®	116	67.8	37.3	43.1	48.8	1213.5	20.75	W27X114	D3 (PZC 26)
		6236.8	1722.4	182.3	210.3	238.2	165713.3	6.32	W690X170	
63-1781	IZ®	117.1	70.1	45	50.6	56.1	1142.5	20.68	W21X166	D3 (PZC 26)
		6293.9	1781.4	219.9	246.9	273.9	156020.6	6.3	W530X248	
64-1794	IZ®	119.5	70.6	41.3	46.8	52.3	1217.2	21.27	W24X146	D3 (PZC 26)
		6422.3	1794.4	201.7	228.5	255.3	166217.9	6.48	W610X217	
65-1732	IZ®	121.5	68.2	36.1	41.8	47.5	1324.2	21.31	W30X108	D3 (PZC 26)
		6530.9	1732.4	176.3	204.1	231.8	180824.7	6.49	W760X161	
66-1784	IZ®	123.6	70.3	47.8	53.3	58.8	1222.7	20.75	W21X182	D3 (PZC 26)
		6643.4	1784.4	233.2	260.1	287.1	166969.5	6.32	W530X272	
68-1720	IZ®	125.9	67.7	40	45.7	51.5	1347.6	20.78	W27X129	D3 (PZC 26)
		6768.1	1720.4	195.3	223.3	251.3	184030.2	6.33	W690X192	
69-1795	IZ®	127.5	70.7	44.1	49.6	55	1321.9	21.31	W24X162	D3 (PZC 26)
		6853	1795.4	215.1	241.9	268.7	180523.3	6.49	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)	
69-1733	IZ®	127.8	68.2	37.6	43.3	48.9	1413.6	21.34	W30X116	D3 (PZC 26)
		6872.9	1733.4	183.4	211.2	239	193036.9	6.5	W760X173	
71-1785	IZ®	131.8	70.3	51	56.5	62	1326	20.81	W21X201	D3 (PZC 26)
		7085.6	1785.4	248.9	275.8	302.8	181082.1	6.34	W530X300	
71-1821	IZ®	132.1	71.7	40.8	46.2	51.6	1428.8	22.06	W27X146	D3 (PZC 26)
		7100.7	1821.4	199.1	225.5	252	195108.6	6.72	W690X217	
72-1733	IZ®	133.9	68.2	38.9	44.6	50.2	1498.7	21.37	W30X124	D3 (PZC 26)
		7197.2	1733.4	189.7	217.5	245.3	204666.4	6.51	W760X185	
73-1793	IZ®	135	70.6	46.3	51.8	57.3	1419.7	21.31	W24X176	D3 (PZC 26)
		7256.7	1793.4	226.3	253.1	280	193870.7	6.49	W610X262	
75-1734	IZ®	139.2	68.3	40.3	46	51.7	1579.6	21.4	W30X132	D3 (PZC 26)
		7486.2	1734.4	196.9	224.6	252.4	215710.7	6.52	W760X196	
76-1822	IZ®	140.4	71.7	43.3	48.7	54.1	1546.8	22.09	W27X161	D3 (PZC 26)
		7550.4	1822.4	211.5	237.9	264.3	211235.9	6.73	W690X240	
76-1758	IZ®	140.5	69.2	37.3	42.9	48.5	1641.3	22.16	W33X118	D3 (PZC 26)
		7552.3	1758.4	182.1	209.5	236.9	224129	6.75	W840X176	
76-1884	IZ®	140.7	74.2	75.6	80.8	86.1	1232.3	21.14	W14X370	D3 (PZC 26)
		7567.1	1884.4	369.1	394.6	420.2	168282.9	6.44	W360X551	
77-1795	IZ®	142.3	70.7	49	54.5	60	1519.1	21.37	W24X192	D3 (PZC 26)
		7648	1795.4	239.2	266	292.8	207441.6	6.51	W610X285	
80-1887	IZ®	148.2	74.3	80	85.2	90.4	1320.5	21.21	W14X398	D3 (PZC 26)
		7969.8	1887.4	390.5	416.1	441.6	180322.3	6.46	W360X592	
80-1824	IZ®	149.2	71.8	46.1	51.5	56.9	1671.5	22.16	W27X178	D3 (PZC 26)
		8019.4	1824.4	225	251.4	277.8	228264.8	6.75	W690X265	
81-1796	IZ®	149.9	70.7	51.6	57	62.5	1623.3	21.4	W24X207	D3 (PZC 26)
		8056.9	1796.4	251.7	278.5	305.3	221678.3	6.52	W610X307	
81-1758	IZ®	150.7	69.2	39.4	45	50.6	1797.2	22.19	W33X130	D3 (PZC 26)
		8100.6	1758.4	192.4	219.8	247.2	245424.3	6.76	W840X193	

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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)	
82-1732	IZ®	151.5	68.2	43.2	48.8	54.5	1762	21.44	W30X148	D3 (PZC 26)
		8147	1732.4	210.7	238.5	266.3	240615.3	6.53	W760X220	
84-1890	IZ®	156.5	74.4	84.4	89.6	94.8	1416.3	21.31	W14X426	D3 (PZC 26)
		8413.9	1890.4	411.9	437.4	462.9	193411.5	6.49	W360X634	
86-1759	IZ®	159.9	69.3	41.3	46.9	52.5	1943.5	22.22	W33X141	D3 (PZC 26)
		8597.3	1759.4	201.7	229	256.4	265407	6.77	W840X210	
86-1822	IZ®	160	71.7	48.8	54.2	59.6	1826.3	22.16	W27X194	D3 (PZC 26)
		8601.6	1822.4	238.2	264.6	291	249391.6	6.75	W690X289	
86-1799	IZ®	160.2	70.8	55.2	60.7	66.2	1769.2	21.5	W24X229	D3 (PZC 26)
		8614	1799.4	269.6	296.4	323.1	241597.7	6.55	W610X341	
87-1847	IZ®	162.1	72.7	44.6	50	55.3	1919.6	22.91	W30X173	D3 (PZC 26)
		8713.5	1847.4	218	244	270.1	262137.2	6.98	W760X257	
88-1894	IZ®	163.9	74.6	88.9	94.1	99.3	1507.7	21.4	W14X455	D3 (PZC 26)
		8814.4	1894.4	433.9	459.3	484.7	205885.1	6.52	W360X677	
88-1770	IZ®	164.2	69.7	40	45.5	51.1	2063.4	22.75	W36X135	D3 (PZC 26)
		8829.1	1770.4	195.1	222.3	249.5	281769.1	6.93	W920X201	
91-1760	IZ®	168.6	69.3	43.2	48.8	54.4	2084.2	22.29	W33X152	D3 (PZC 26)
		9064	1760.4	210.9	238.3	265.6	284612	6.79	W840X226	
92-1801	IZ®	170.8	70.9	58.7	64.2	69.7	1919.8	21.57	W24X250	D3 (PZC 26)
		9181.5	1801.4	286.7	313.5	340.2	262159.1	6.57	W610X372	
93-1825	IZ®	172.6	71.9	52.6	58	63.4	2014.6	22.26	W27X217	D3 (PZC 26)
		9281.5	1825.4	256.7	283.1	309.5	275108.7	6.78	W690X323	
93-1848	IZ®	173.2	72.8	47.6	52.9	58.2	2092.6	22.95	W30X191	D3 (PZC 26)
		9312.2	1848.4	232.3	258.4	284.4	285768.4	6.99	W760X284	
95-1898	IZ®	177.2	74.7	95.9	101.1	106.3	1673.8	21.5	W14X500	D3 (PZC 26)
		9529.5	1898.4	468.1	493.4	518.8	228572.7	6.55	W360X744	
96-1770	IZ®	178.7	69.7	42.6	48.2	53.7	2305	22.81	W36X150	D3 (PZC 26)
		9607.4	1770.4	208	235.1	262.3	314774.5	6.95	W920X223	

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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)	
98-1826	IZ®	181.9	71.9	55.6	61	66.4	2157.3	22.29	W27X235	D3 (PZC 26)
		9779.8	1826.4	271.6	298	324.4	294600.6	6.79	W690X350	
98-1758	IZ®	182.3	69.2	46	51.6	57.2	2307.1	22.29	W33X169	D3 (PZC 26)
		9800.4	1758.4	224.6	251.9	279.3	315060.8	6.79	W840X251	
99-1804	IZ®	184.1	71	63.5	69	74.5	2116.9	21.63	W24X279	D3 (PZC 26)
		9900.2	1804.4	310.2	336.9	363.6	289086.9	6.59	W610X415	
100-1850	IZ®	185.3	72.9	50.8	56.2	61.5	2286	23.01	W30X211	D3 (PZC 26)
		9962.3	1850.4	248.2	274.2	300.2	312174.6	7.01	W760X314	
100-1771	IZ®	186.8	69.7	44.3	49.9	55.4	2445.8	22.85	W36X160	D3 (PZC 26)
		10040.4	1771.4	216.3	243.4	270.6	333997.4	6.96	W920X238	
102-1766	IZ®	188.8	69.5	42.5	48.1	53.7	2536.6	23.14	W40X149	D3 (PZC 26)
		10149.4	1766.4	207.5	234.8	262	346397.7	7.05	W1000X222	
103-1903	IZ®	192.2	74.9	103.4	108.6	113.8	1866.6	21.67	W14X550	D3 (PZC 26)
		10330.9	1903.4	504.8	530.1	555.4	254905.9	6.6	W360X818	
105-1828	IZ®	194.4	72	59.3	64.7	70.1	2349.8	22.36	W27X258	D3 (PZC 26)
		10449.9	1828.4	289.4	315.7	342	320884.3	6.81	W690X384	
105-1772	IZ®	194.9	69.8	46	51.6	57.1	2590.2	22.88	W36X170	D3 (PZC 26)
		10480.9	1772.4	224.5	251.7	278.9	353716.9	6.97	W920X253	
106-1866	IZ®	197.2	73.5	48.8	54	59.3	2563.3	23.67	W33X201	D3 (PZC 26)
		10600.5	1866.4	238.1	263.9	289.6	350046.5	7.21	W840X299	
106-1806	IZ®	197.3	71.1	67.9	73.4	78.8	2314.9	21.7	W24X306	D3 (PZC 26)
		10607.1	1806.4	331.6	358.2	384.9	316113.3	6.61	W610X455	
108-1848	IZ®	201.3	72.8	54.8	60.1	65.5	2543.5	23.04	W30X235	D3 (PZC 26)
		10825.1	1848.4	267.6	293.6	319.6	347343.2	7.02	W760X350	
110-1773	IZ®	203.6	69.8	48.1	53.6	59.2	2748.8	22.91	W36X182	D3 (PZC 26)
		10947.5	1773.4	234.6	261.8	288.9	375379.8	6.98	W920X271	
111-1830	IZ®	207	72.1	63.2	68.5	73.9	2550.5	22.42	W27X281	D3 (PZC 26)
		11129.8	1830.4	308.4	334.7	361	348288	6.83	W690X419	

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				60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	in (mm)	
112-1766	IZ®	208.5	69.5	45.6	51.2	56.8	2887.2	23.21	W40X167	D3 (PZC 26)
		11208.2	1766.4	222.6	249.9	277.2	394278.6	7.07	W1000X249	
113-1908	IZ®	209.2	75.1	112.4	117.6	122.7	2094.7	21.8	W14X605	D3 (PZC 26)
		11248.2	1908.4	548.7	574	599.2	286050.9	6.64	W360X900	
113-1867	IZ®	210.9	73.5	52	57.3	62.6	2800.7	23.73	W33X221	D3 (PZC 26)
		11336.2	1867.4	253.9	279.7	305.5	382465.7	7.23	W840X329	
114-1809	IZ®	211.1	71.2	72.8	78.2	83.7	2528.1	21.8	W24X335	D3 (PZC 26)
		11347.7	1809.4	355.3	381.9	408.5	345228.9	6.64	W610X498	
114-1774	IZ®	211.9	69.9	50	55.6	61.1	2902.2	22.95	W36X194	D3 (PZC 26)
		11392.1	1774.4	244.2	271.3	298.5	396317.6	6.99	W920X289	
116-1851	IZ®	215.9	72.9	59.1	64.4	69.7	2790	23.11	W30X261	D3 (PZC 26)
		11609.6	1851.4	288.3	314.3	340.3	380998.2	7.04	W760X389	
118-1833	IZ®	220	72.2	67.3	72.6	78	2761.7	22.49	W27X307	D3 (PZC 26)
		11829.8	1833.4	328.4	354.7	380.9	377134.7	6.85	W690X457	
120-1775	IZ®	222.9	69.9	52.8	58.4	63.9	3110.8	22.98	W36X210	D3 (PZC 26)
		11985.6	1775.4	257.8	284.9	312	424803.9	7	W920X313	
121-1869	IZ®	224.1	73.6	55.2	60.5	65.8	3034.2	23.8	W33X241	D3 (PZC 26)
		12049	1869.4	269.6	295.3	321.1	414350.8	7.25	W840X359	
122-1766	IZ®	227	69.5	48.3	53.9	59.5	3225.8	23.27	W40X183	D3 (PZC 26)
		12206.6	1766.4	236	263.2	290.5	440508.7	7.09	W1000X272	
122-1914	IZ®	227.5	75.4	121.3	126.4	131.6	2353.6	21.96	W14X665	D3 (PZC 26)
		12229.7	1914.4	592.1	617.3	642.4	321410.2	6.69	W360X990	
122-1813	IZ®	227.6	71.4	78.6	84	89.4	2791.1	21.9	W24X370	D3 (PZC 26)
		12236.1	1813.4	383.5	410.1	436.6	381144.8	6.67	W610X551	
124-1884	IZ®	230.2	74.2	52.9	58.1	63.4	3208.8	24.29	W36X230	D3 (PZC 26)
		12375.6	1884.4	258.3	283.8	309.4	438184.7	7.4	W920X342	
124-1866	IZ®	231.3	73.5	48.3	53.6	58.9	3318.4	24.52	W40X199	D3 (PZC 26)
		12432.9	1866.4	236	261.7	287.5	453155.1	7.47	W1000X296	

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126-1853	IZ®	234.7	73	64	69.3	74.7	3108.4	23.18	W30X292	D3 (PZC 26)
		12617.9	1853.4	312.6	338.6	364.5	424482.9	7.06	W760X434	
127-1836	IZ®	235.6	72.3	72	77.3	82.7	3019.7	22.59	W27X336	D3 (PZC 26)
		12665.9	1836.4	351.4	377.6	403.8	412369.9	6.88	W690X500	
130-1885	IZ®	241	74.2	55.3	60.6	65.8	3407.2	24.32	W36X245	D3 (PZC 26)
		12955.4	1885.4	270.2	295.8	321.3	465288.1	7.41	W920X365	
130-1867	IZ®	241	73.5	58.9	64.2	69.5	3334.6	23.8	W33X263	D3 (PZC 26)
		12957.2	1867.4	287.5	313.3	339.1	455367.6	7.25	W840X392	
130-1774	IZ®	242	69.9	56.5	62	67.6	3465	23.01	W36X232	D3 (PZC 26)
		13008.4	1774.4	275.6	302.7	329.9	473177.5	7.01	W920X345	
134-1766	IZ®	248.3	69.5	53.2	58.7	64.3	3654.4	23.31	W40X211	D3 (PZC 26)
		13348.5	1766.4	259.5	286.8	314	499043.3	7.1	W1000X314	
134-1920	IZ®	248.7	75.6	130.9	136.1	141.2	2658.5	22.13	W14X730	D3 (PZC 26)
		13370.1	1920.4	639.3	664.4	689.5	363036.8	6.74	W360X1086	
134-1866	IZ®	249.2	73.5	51.1	56.4	61.7	3654	24.59	W40X215	D3 (PZC 26)
		13395.7	1866.4	249.4	275.2	301	498982.9	7.49	W1000X321	
135-1886	IZ®	251.5	74.3	57.7	62.9	68.2	3606.5	24.36	W36X260	D3 (PZC 26)
		13523.4	1886.4	281.7	307.2	332.8	492505.6	7.42	W920X387	
136-1838	IZ®	252.1	72.4	77.2	82.6	88	3299.6	22.65	W27X368	D3 (PZC 26)
		13552.2	1838.4	377	403.2	429.4	450584.9	6.9	W690X548	
136-1856	IZ®	253.6	73.1	69.5	74.8	80.1	3441.1	23.27	W30X326	D3 (PZC 26)
		13633.4	1856.4	339.1	365.1	391	469914	7.09	W760X484	
139-1870	IZ®	258.5	73.6	63.4	68.6	73.9	3658.4	23.9	W33X291	D3 (PZC 26)
		13899.1	1870.4	309.3	335.1	360.8	499592.3	7.28	W840X433	
139-1776	IZ®	258.6	69.9	60.6	66.2	71.7	3794	23.08	W36X256	D3 (PZC 26)
		13903.1	1776.4	296.1	323.2	350.3	518107.2	7.03	W920X381	
143-1937	IZ®	265.7	76.3	142.2	147.3	152.4	2900	22.29	W14X808	D3 (PZC 26)
		14286	1937.4	694.5	719.3	744.2	396015.8	6.79	W360X1202	

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143-1768	IZ®	266.1	69.6	57.2	62.8	68.3	4021.4	23.37	W40X235	D3 (PZC 26)
		14306.5	1768.4	279.2	306.4	333.7	549154.5	7.12	W1000X350	
143-1888	IZ®	266.2	74.3	61	66.2	71.4	3888.2	24.42	W36X280	D3 (PZC 26)
		14314.1	1888.4	297.6	323.1	348.6	530963.2	7.44	W920X417	
146-1859	IZ®	271.7	73.2	74.4	79.8	85.1	3768	23.37	W30X357	D3 (PZC 26)
		14609.8	1859.4	363.5	389.4	415.3	514547.6	7.12	W760X531	
148-1866	IZ®	274.4	73.5	56.6	61.9	67.2	4166.9	24.62	W40X249	D3 (PZC 26)
		14754	1866.4	276.3	302.1	327.9	569020.6	7.5	W1000X371	
148-1872	IZ®	275.8	73.7	67.7	72.9	78.2	3982.3	23.96	W33X318	D3 (PZC 26)
		14825.6	1872.4	330.4	356.1	381.8	543812.5	7.3	W840X473	
150-1889	IZ®	279.4	74.4	64.2	69.4	74.6	4143.7	24.46	W36X300	D3 (PZC 26)
		15023.8	1889.4	313.3	338.7	364.2	565853.9	7.45	W920X446	
153-1769	IZ®	284.4	69.7	62.2	67.7	73.3	4418.7	23.44	W40X264	D3 (PZC 26)
		15292.3	1769.4	303.5	330.7	357.9	603409.7	7.14	W1000X393	
153-1866	IZ®	284.7	73.5	53.5	58.8	64.1	4556.7	25.21	W44X230	D3 (PZC 26)
		15307.9	1866.4	261.2	287	312.8	622251	7.68	W1100X343	
156-1862	IZ®	290.7	73.3	80	85.3	90.6	4118.4	23.44	W30X391	D3 (PZC 26)
		15629.4	1862.4	390.7	416.6	442.4	562408	7.14	W760X582	
158-1770	IZ®	293.7	69.7	64.7	70.2	75.8	4621.4	23.44	W40X278	D3 (PZC 26)
		15789.6	1770.4	315.7	342.9	370.1	631089.8	7.14	W1000X415	
158-1868	IZ®	294.5	73.6	61	66.3	71.6	4583.9	24.69	W40X277	D3 (PZC 26)
		15831	1868.4	297.9	323.6	349.4	625970.2	7.52	W1000X412	
160-1875	IZ®	297.6	73.8	73.4	78.6	83.9	4403.9	24.03	W33X354	D3 (PZC 26)
		16001	1875.4	358.3	384	409.6	601392.1	7.32	W840X527	
161-1888	IZ®	298.6	74.3	68.6	73.8	79.1	4523.4	24.49	W36X328	D3 (PZC 26)
		16055.2	1888.4	335	360.5	386	617716.3	7.46	W920X488	
164-1868	IZ®	305.4	73.6	64.4	69.6	74.9	4829.1	24.69	W40X297	D3 (PZC 26)
		16420.9	1868.4	314.3	340	365.8	659454.7	7.52	W1000X443	

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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)	
169-1866	IZ®	313.3	73.5	58.8	64	69.3	5183.3	25.28	W44X262	D3 (PZC 26)
		16846.4	1866.4	286.8	312.6	338.4	707832.1	7.7	W1100X390	
171-1877	IZ®	317.6	73.9	78.7	84	89.2	4801.9	24.13	W33X387	D3 (PZC 26)
		17076.3	1877.4	384.3	409.9	435.6	655745.8	7.35	W840X576	
171-1891	IZ®	317.8	74.5	73.4	78.7	83.9	4911.7	24.55	W36X359	D3 (PZC 26)
		17083.3	1891.4	358.6	384	409.5	670738.9	7.48	W920X534	
175-1870	IZ®	326.1	73.6	68.7	74	79.2	5265.3	24.78	W40X324	D3 (PZC 26)
		17533	1870.4	335.3	361.1	386.8	719027.4	7.55	W1000X483	
177-1774	IZ®	328.7	69.9	72.8	78.3	83.9	5383.5	23.57	W40X327	D3 (PZC 26)
		17672.2	1774.4	355.2	382.4	409.5	735159	7.18	W1000X486	
178-1775	IZ®	330.4	69.9	73.6	79.2	84.7	5426	23.6	W40X331	D3 (PZC 26)
		17765.2	1775.4	359.5	386.6	413.7	740962.7	7.19	W1000X494	
181-1868	IZ®	335.9	73.6	63.4	68.7	74	5701.7	25.34	W44X290	D3 (PZC 26)
		18060.9	1868.4	309.6	335.4	361.2	778620.5	7.72	W1100X433	
183-1893	IZ®	339.7	74.5	79	84.2	89.4	5369	24.65	W36X393	D3 (PZC 26)
		18265.7	1893.4	385.6	411	436.4	733180.4	7.51	W920X585	
183-1853	IZ®	340.7	73	104.4	109.8	115.1	4916	23.11	W27X539	D3 (PZC 26)
		18319.4	1853.4	509.9	535.9	561.9	671326.8	7.04	W690X802	
189-1873	IZ®	350.9	73.8	74.8	80	85.3	5814.2	24.85	W40X362	D3 (PZC 26)
		18865.6	1873.4	365	390.7	416.4	793985.3	7.57	W1000X539	
192-1874	IZ®	356.4	73.8	76.3	81.6	86.9	5939.5	24.88	W40X372	D3 (PZC 26)
		19159.4	1874.4	372.7	398.4	424.1	811092.7	7.58	W1000X554	
196-1871	IZ®	364.5	73.7	70.3	75.5	80.8	6388.5	25.41	W44X335	D3 (PZC 26)
		19598.8	1871.4	343.1	368.9	394.6	872400.3	7.74	W1100X499	
198-1897	IZ®	369	74.7	86.1	91.3	96.5	5981.6	24.75	W36X439	D3 (PZC 26)
		19836.5	1897.4	420.3	445.7	471.1	816842.1	7.54	W920X653	
201-1780	IZ®	374	70.1	83.8	89.3	94.9	6410.2	23.77	W40X392	D3 (PZC 26)
		20107.9	1780.4	409.2	436.2	463.2	875375.5	7.24	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)	
202-1875	IZ [®]	375.5	73.8	80.3	85.6	90.8	6361.4	24.91	W40X397	D3 (PZC 26)
		20186.3	1875.4	392.2	417.9	443.5	868699	7.59	W1000X591	
214-1878	IZ [®]	397.3	74	85.8	91	96.3	6858.3	25.01	W40X431	D3 (PZC 26)
		21359.4	1878.4	418.7	444.4	470	936562.6	7.62	W1000X642	
229-1903	IZ [®]	425	74.9	99.8	105	110.2	7204.1	24.95	W36X527	D3 (PZC 26)
		22850.6	1903.4	487.5	512.8	538.1	983786.6	7.6	W920X784	
240-1883	IZ [®]	447.1	74.1	97.2	102.5	107.7	8016.8	25.18	W40X503	D3 (PZC 26)
		24037.6	1883.4	474.7	500.3	525.9	1094771.5	7.67	W1000X748	
270-1912	IZ [®]	502.3	75.3	118.9	124	129.2	8971.8	25.21	W36X650	D3 (PZC 26)
		27006.6	1912.4	580.4	605.6	630.8	1225184.7	7.68	W920X967	
274-1890	IZ [®]	509.9	74.4	111.8	117	122.2	9526	25.37	W40X593	D3 (PZC 26)
		27412	1890.4	545.6	571.1	596.6	1300857.9	7.73	W1000X883	
321-1923	IZ [®]	597.7	75.7	141.6	146.7	151.9	11268.8	25.54	W36X798	D3 (PZC 26)
		32133.6	1923.4	691.4	716.4	741.4	1538855.4	7.78	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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Toll free: 866.666.7453 | +1 512.243.1228 | info@sheet-pile.com | sheet-pile.com

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