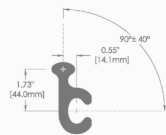


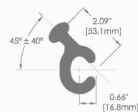
BALL & SOCKET
HOT ROLLED / MULTI-USE



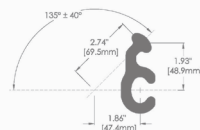
PilePro® Sheet Pile Connectors



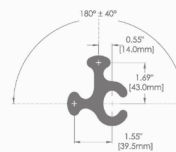
PZ 90



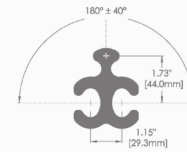
Colt



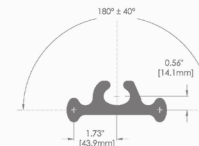
Cobra



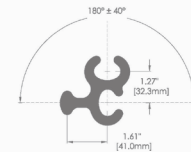
PZ Tee



Joker



Bullhead



PZT-S

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



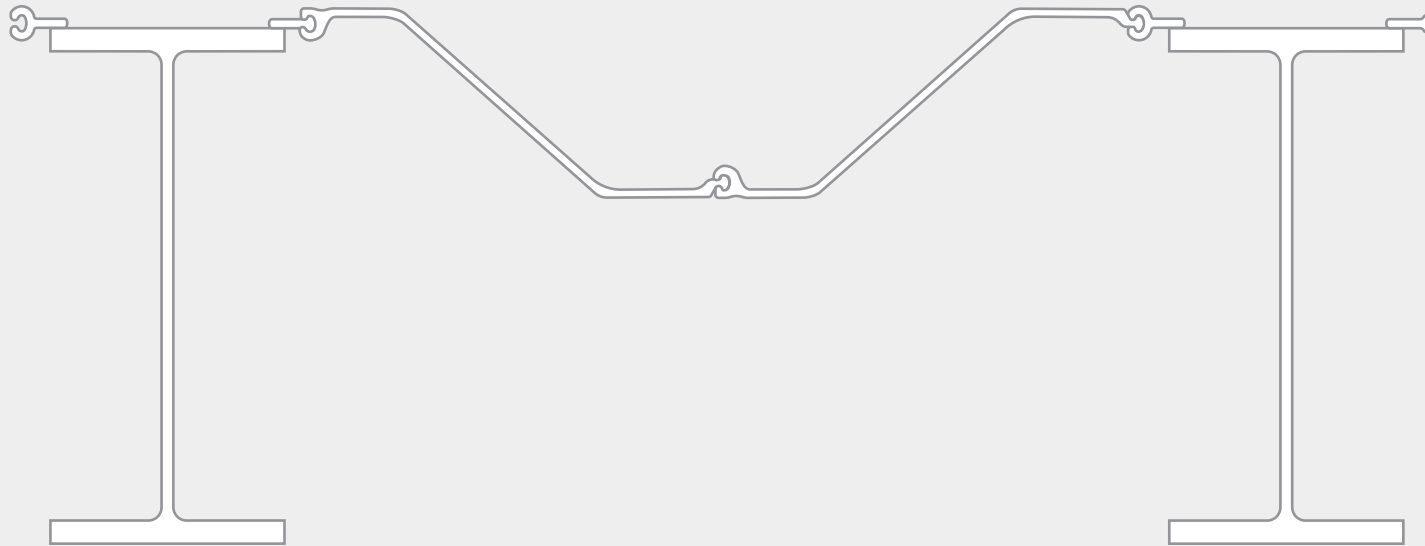
Hot rolled and 100% melted and manufactured
in the USA and BABA2021 Compliant



BALL & SOCKET
HOT ROLLED / MULTI-USE

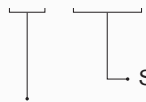


Configuration W3 (PZC 26)



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.*



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%				
		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)	
34-1618	IZ®	62.5	63.7	24.6	30.5	36.5	520.8	17.16	W18X35	W3 (PZC 26)
		3362.2	1618	119.9	149.1	178.3	71120.8	5.23	W460X52	
35-1619	IZ®	64.6	63.7	25.5	31.5	37.4	540.3	17.22	W18X40	W3 (PZC 26)
		3473.9	1619	124.4	153.6	182.8	73776.3	5.25	W460X60	
36-1620	IZ®	66.6	63.8	26.6	32.6	38.6	558.8	17.26	W18X46	W3 (PZC 26)
		3578.2	1620	129.9	159	188.2	76310.6	5.26	W460X68	
36-1656	IZ®	67	65.2	26.7	32.6	38.4	563	17.72	W18X50	W3 (PZC 26)
		3603.8	1656	130.5	159	187.6	76879.6	5.4	W460X74	
36-1631	IZ®	67.7	64.2	26.1	32	37.9	587	17.81	W21X44	W3 (PZC 26)
		3638.6	1631	127.3	156.2	185.2	80154.5	5.43	W530X66	
37-1673	IZ®	68.2	65.9	26.1	31.9	37.7	593.6	18.37	W21X48	W3 (PZC 26)
		3668.5	1673	127.6	155.8	184.1	81067.3	5.6	W530X72	
37-1657	IZ®	68.8	65.2	27.7	33.6	39.4	579.7	17.72	W18X55	W3 (PZC 26)
		3697.7	1657	135.3	163.9	192.4	79169.8	5.4	W460X82	
38-1632	IZ®	70.3	64.3	27.2	33.1	39	614.7	17.85	W21X50	W3 (PZC 26)
		3781.5	1632	132.6	161.5	190.5	83936.6	5.44	W530X74	
38-1658	IZ®	70.5	65.3	28.6	34.4	40.3	596.5	17.75	W18X60	W3 (PZC 26)
		3791.3	1658	139.5	168	196.6	81460.6	5.41	W460X89	
39-1675	IZ®	71.6	65.9	27.4	33.2	39	628.3	18.41	W21X55	W3 (PZC 26)
		3849.5	1675	133.9	162.1	190.3	85802.6	5.61	W530X82	
39-1659	IZ®	72.2	65.3	29.4	35.3	41.1	612.9	17.78	W18X65	W3 (PZC 26)
		3881.1	1659	143.7	172.2	200.7	83693.8	5.42	W460X97	
40-1632	IZ®	73.8	64.3	28.4	34.4	40.3	651	17.88	W21X57	W3 (PZC 26)
		3966.7	1632	138.9	167.8	196.8	88901.9	5.45	W530X85	
40-1746	IZ®	73.9	68.7	29.9	35.4	41	628	18.9	W18X76	W3 (PZC 26)
		3970.8	1746	146	173.1	200.1	85761.2	5.76	W460X113	
40-1660	IZ®	74.1	65.4	30.6	36.4	42.2	631.5	17.81	W18X71	W3 (PZC 26)
		3981.6	1660	149.3	177.8	206.3	86237.1	5.43	W460X106	

* 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%				
		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®	75	65.9	28.7	34.5	40.2	664.4	18.44	W21X62	W3 (PZC 26)
		4034.7	1675	140	168.2	196.4	90729.9	5.62	W530X92	
41-1644	IZ®	76.4	64.7	27.9	33.8	39.7	697.8	18.47	W24X55	W3 (PZC 26)
		4106.3	1644	136.4	165.2	193.9	95295.1	5.63	W610X82	
42-1748	IZ®	77.4	68.8	31.6	37.2	42.7	661.8	18.96	W18X86	W3 (PZC 26)
		4158.9	1748	154.3	181.4	208.4	90380	5.78	W460X128	
42-1676	IZ®	77.7	66	29.7	35.5	41.3	693.3	18.47	W21X68	W3 (PZC 26)
		4179.1	1676	145.1	173.3	201.5	94672.6	5.63	W530X101	
43-1677	IZ®	79.8	66	30.6	36.4	42.2	715.9	18.5	W21X73	W3 (PZC 26)
		4291.8	1677	149.6	177.8	206	97768.8	5.64	W530X109	
43-1645	IZ®	80	64.8	29.2	35.1	41	739.6	18.5	W24X62	W3 (PZC 26)
		4303	1645	142.5	171.3	200	101002.8	5.64	W610X92	
44-1749	IZ®	81.2	68.9	33.5	39.1	44.6	700.4	19	W18X97	W3 (PZC 26)
		4368.1	1749	163.7	190.7	217.7	95646.9	5.79	W460X144	
44-1694	IZ®	82.5	66.7	29.4	35.1	40.8	767.9	19.16	W24X68	W3 (PZC 26)
		4435	1694	143.5	171.4	199.3	104856.9	5.84	W610X101	
45-1678	IZ®	83.8	66.1	32.4	38.1	43.9	760.1	18.54	W21X83	W3 (PZC 26)
		4507.3	1678	158	186.2	214.3	103802	5.65	W530X123	
45-1750	IZ®	84.1	68.9	35.1	40.6	46.1	729.7	19.03	W18X106	W3 (PZC 26)
		4522	1750	171.2	198.2	225.3	99640.7	5.8	W460X158	
47-1694	IZ®	87.1	66.7	30.8	36.5	42.3	821.3	19.19	W24X76	W3 (PZC 26)
		4684.4	1694	150.5	178.4	206.3	112160.6	5.85	W610X113	
47-1680	IZ®	87.8	66.1	34.1	39.9	45.7	805.3	18.57	W21X93	W3 (PZC 26)
		4722.3	1680	166.7	194.8	223	109974	5.66	W530X138	
48-1752	IZ®	88.9	69	37.3	42.8	48.4	778.2	19.06	W18X119	W3 (PZC 26)
		4776.9	1752	182.2	209.2	236.2	106270	5.81	W460X177	
48-1778	IZ®	89.5	70	33.7	39.1	44.6	821.1	19.85	W21X101	W3 (PZC 26)
		4811.2	1778	164.5	191.1	217.7	112132.2	6.05	W530X150	

* 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%				
		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®	91.6	66.7	32.2	37.9	43.6	873.2	19.23	W24X84	W3 (PZC 26)
		4922.5	1695	157.3	185.2	213.1	119236.8	5.86	W610X125	
50-1779	IZ®	93.3	70	35.4	40.8	46.3	863.9	19.88	W21X111	W3 (PZC 26)
		5017.9	1779	172.8	199.4	226	117975.5	6.06	W530X165	
50-1749	IZ®	93.4	68.9	39.3	44.9	50.4	826.8	19.09	W18X130	W3 (PZC 26)
		5023.7	1749	192	219	246	112909.8	5.82	W460X193	
52-1696	IZ®	96.8	66.8	34.1	39.8	45.5	936.7	19.26	W24X94	W3 (PZC 26)
		5203.6	1696	166.5	194.4	222.2	127912.6	5.87	W610X140	
52-1923	IZ®	97.1	75.7	43.8	48.8	53.9	837.9	21.1	HP18x181	W3 (PZC 26)
		5222.9	1923.2	213.8	238.4	263	114420.4	6.43	HP360x269	
53-1781	IZ®	97.8	70.1	37.2	42.6	48	915.2	19.91	W21X122	W3 (PZC 26)
		5259.6	1781	181.5	208	234.6	124977.1	6.07	W530X182	
53-1719	IZ®	97.8	67.7	31.9	37.5	43.1	977.7	19.95	W27X84	W3 (PZC 26)
		5260.1	1719	155.6	183.1	210.6	133510.4	6.08	W690X125	
53-1751	IZ®	98.2	68.9	41.5	47	52.5	877.8	19.13	W18X143	W3 (PZC 26)
		5280.4	1751	202.5	229.5	256.5	119868.3	5.83	W460X213	
53-1790	IZ®	98.4	70.5	34	39.4	44.8	957.1	20.44	W24X104	W3 (PZC 26)
		5291.2	1790	166.1	192.5	218.9	130699.7	6.23	W610X155	
55-1695	IZ®	101.9	66.7	35.6	41.3	47.1	999.1	19.26	W24X103	W3 (PZC 26)
		5479.2	1695	174	201.9	229.8	136441.7	5.87	W610X153	
55-1782	IZ®	102	70.2	38.9	44.3	49.7	962.1	19.95	W21X132	W3 (PZC 26)
		5483.3	1782	189.7	216.3	242.8	131383.2	6.08	W530X196	
56-1753	IZ®	103.3	69	44	49.5	55	933.1	19.19	W18X158	W3 (PZC 26)
		5553.1	1753	214.8	241.8	268.7	127419	5.85	W460X235	
56-1926	IZ®	104.1	75.8	47.5	52.5	57.6	910.6	21.16	HP18x204	W3 (PZC 26)
		5598.9	1926.4	231.9	256.4	281	124355.9	6.45	HP460x304	
56-1720	IZ®	104.6	67.7	33.5	39.2	44.8	1062.9	20.01	W27X94	W3 (PZC 26)
		5622.9	1720	163.7	191.2	218.7	145143.7	6.1	W690X140	

* 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%				
		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®	104.9	70.5	36.2	41.6	47	1035.9	20.47	W24X117	W3 (PZC 26)
		5641.5	1791	176.5	202.9	229.3	141464.6	6.24	W610X174	
58-1784	IZ®	108.2	70.2	41.4	46.9	52.3	1034.9	20.01	W21X147	W3 (PZC 26)
		5817.7	1784	202.3	228.8	255.3	141321.7	6.1	W530X219	
59-1730	IZ®	109.6	68.1	32.6	38.2	43.8	1159.1	20.57	W30X90	W3 (PZC 26)
		5892.5	1730	159.1	186.5	213.8	158282	6.27	W760X134	
59-1755	IZ®	109.8	69.1	46.9	52.4	57.9	1005.8	19.26	W18X175	W3 (PZC 26)
		5904.7	1755	228.9	255.8	282.8	137352.9	5.87	W460X260	
59-1720	IZ®	110.1	67.7	35	40.7	46.3	1134.1	20.05	W27X102	W3 (PZC 26)
		5919.4	1720	171	198.5	226	154866.7	6.11	W690X152	
60-1793	IZ®	111.9	70.6	38.5	43.9	49.3	1123.3	20.54	W24X131	W3 (PZC 26)
		6017.1	1793	188.1	214.5	240.9	153390.9	6.26	W610X195	
62-1731	IZ®	115	68.1	34.2	39.8	45.4	1236.8	20.6	W30X99	W3 (PZC 26)
		6184.5	1731	167.2	194.5	221.8	168902.8	6.28	W760X147	
63-1722	IZ®	116.7	67.8	37	42.7	48.3	1223.3	20.08	W27X114	W3 (PZC 26)
		6276	1722	180.8	208.3	235.8	167049.7	6.12	W690X170	
64-1781	IZ®	118.3	70.1	44.7	50.2	55.6	1154.7	20.01	W21X166	W3 (PZC 26)
		6361	1781	218.5	245	271.6	157687	6.1	W530X248	
65-1794	IZ®	120.4	70.6	41	46.4	51.8	1227.7	20.6	W24X146	W3 (PZC 26)
		6471.1	1794	200.3	226.6	253	167651.9	6.28	W610X217	
66-1732	IZ®	121.9	68.2	35.8	41.4	47	1332.5	20.64	W30X108	W3 (PZC 26)
		6555	1732	174.8	202.1	229.4	181962.4	6.29	W760X161	
67-1784	IZ®	124.9	70.2	47.5	52.9	58.3	1235.6	20.08	W21X182	W3 (PZC 26)
		6714.3	1784	231.8	258.3	284.8	168730.7	6.12	W530X272	
68-1720	IZ®	126.7	67.7	39.7	45.3	51	1358.4	20.11	W27X129	W3 (PZC 26)
		6812.3	1720	193.8	221.3	248.8	185508.2	6.13	W690X192	
69-1733	IZ®	128.3	68.2	37.3	42.9	48.4	1422.4	20.67	W30X116	W3 (PZC 26)
		6899.3	1733	182	209.2	236.5	194245.8	6.3	W760X173	

* 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%				
		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)	
69-1795	IZ®	128.4	70.7	43.8	49.2	54.6	1333.2	20.64	W24X162	W3 (PZC 26)
		6905.6	1795	213.7	240.1	266.4	182059.9	6.29	W610X241	
71-1821	IZ®	132.7	71.7	40.5	45.8	51.1	1438.2	21.39	W27X146	W3 (PZC 26)
		7135	1821	197.7	223.7	249.7	196393.2	6.52	W690X217	
72-1785	IZ®	133.2	70.3	50.7	56.1	61.5	1339.8	20.14	W21X201	W3 (PZC 26)
		7161.1	1785	247.5	273.9	300.4	182964.4	6.14	W530X300	
72-1733	IZ®	134.4	68.2	38.6	44.2	49.7	1508.1	20.7	W30X124	W3 (PZC 26)
		7225.5	1733	188.3	215.6	242.9	205939	6.31	W760X185	
73-1793	IZ®	136	70.6	46.1	51.5	56.9	1431.7	20.64	W24X176	W3 (PZC 26)
		7313	1793	224.9	251.3	277.6	195505.8	6.29	W610X262	
75-1734	IZ®	139.8	68.3	40	45.6	51.2	1589.3	20.73	W30X132	W3 (PZC 26)
		7516	1734	195.4	222.7	250	217038.4	6.32	W760X196	
76-1758	IZ®	140.7	69.2	37	42.5	48	1648.7	21.49	W33X118	W3 (PZC 26)
		7563.3	1758	180.7	207.6	234.5	225144.6	6.55	W840X176	
76-1822	IZ®	141.1	71.7	43	48.4	53.7	1556.8	21.42	W27X161	W3 (PZC 26)
		7587	1822	210.1	236.1	262	212598.5	6.53	W690X240	
77-1884	IZ®	143.1	74.2	75.3	80.5	85.6	1249.6	20.47	W14X370	W3 (PZC 26)
		7692.8	1884	367.8	392.9	418	170638.2	6.24	W360X551	
77-1795	IZ®	143.4	70.7	48.7	54.1	59.5	1531.8	20.7	W24X192	W3 (PZC 26)
		7707.8	1795	237.8	264.1	290.4	209176.5	6.31	W610X285	
81-1824	IZ®	149.9	71.8	45.8	51.1	56.4	1682.2	21.49	W27X178	W3 (PZC 26)
		8058.7	1824	223.7	249.6	275.5	229713.9	6.55	W690X265	
81-1887	IZ®	150.7	74.3	79.7	84.9	90	1338.7	20.54	W14X398	W3 (PZC 26)
		8100.6	1887	389.3	414.3	439.4	182808.8	6.26	W360X592	
81-1758	IZ®	150.9	69.2	39.1	44.6	50.1	1805.3	21.52	W33X130	W3 (PZC 26)
		8113.8	1758	191	217.9	244.8	246526.6	6.56	W840X193	
81-1796	IZ®	151	70.7	51.3	56.7	62.1	1636.7	20.73	W24X207	W3 (PZC 26)
		8119.8	1796	250.3	276.6	303	223505.8	6.32	W610X307	

* 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%				
		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®	152.2	68.2	42.9	48.4	54	1772.9	20.77	W30X148	W3 (PZC 26)
		8181.9	1732	209.3	236.6	263.8	242100.1	6.33	W760X220	
86-1890	IZ®	159	74.4	84.1	89.2	94.4	1435.5	20.64	W14X426	W3 (PZC 26)
		8550	1890	410.6	435.7	460.7	196032.2	6.29	W360X634	
86-1759	IZ®	160.2	69.3	41	46.5	52	1952.2	21.56	W33X141	W3 (PZC 26)
		8612.7	1759	200.2	227.1	254	266591.6	6.57	W840X210	
87-1822	IZ®	160.8	71.7	48.5	53.8	59.1	1837.8	21.49	W27X194	W3 (PZC 26)
		8645.3	1822	236.8	262.8	288.7	250968.2	6.55	W690X289	
87-1799	IZ®	161.5	70.8	54.9	60.3	65.7	1783.5	20.83	W24X229	W3 (PZC 26)
		8681.5	1799	268.2	294.5	320.8	243558.7	6.35	W610X341	
87-1847	IZ®	162.5	72.7	44.4	49.6	54.9	1928.9	22.24	W30X173	W3 (PZC 26)
		8737.6	1847	216.6	242.2	267.8	263405.3	6.78	W760X257	
88-1770	IZ®	164.2	69.7	39.7	45.1	50.6	2070.2	22.08	W36X135	W3 (PZC 26)
		8829.5	1770	193.7	220.4	247.1	282708.4	6.73	W920X201	
90-1894	IZ®	166.6	74.6	88.6	93.7	98.8	1527.8	20.73	W14X455	W3 (PZC 26)
		8955	1894	432.6	457.5	482.5	208631.9	6.32	W360X677	
91-1760	IZ®	168.9	69.3	42.9	48.4	53.9	2093.4	21.62	W33X152	W3 (PZC 26)
		9081.1	1760	209.5	236.4	263.2	285870.8	6.59	W840X226	
93-1801	IZ®	172.1	70.9	58.4	63.8	69.2	1935.1	20.9	W24X250	W3 (PZC 26)
		9253.8	1801	285.4	311.6	337.9	264261.3	6.37	W610X372	
93-1825	IZ®	173.5	71.9	52.3	57.6	62.9	2027.1	21.59	W27X217	W3 (PZC 26)
		9329.4	1825	255.4	281.3	307.2	276820.4	6.58	W690X323	
93-1848	IZ®	173.7	72.8	47.3	52.5	57.8	2102.6	22.28	W30X191	W3 (PZC 26)
		9338.9	1848	231	256.5	282.1	287129.1	6.79	W760X284	
96-1770	IZ®	178.8	69.7	42.3	47.8	53.2	2312.8	22.15	W36X150	W3 (PZC 26)
		9610.5	1770	206.5	233.2	260	315828.4	6.75	W920X223	
97-1898	IZ®	180	74.7	95.6	100.7	105.8	1695.5	20.83	W14X500	W3 (PZC 26)
		9677.7	1898	466.8	491.7	516.6	231540.6	6.35	W360X744	

* 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%				
		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)	
98-1758	IZ®	182.7	69.2	45.7	51.2	56.7	2317.4	21.62	W33X169	W3 (PZC 26)
		9821.7	1758	223.1	250	276.9	316464.5	6.59	W840X251	
98-1826	IZ®	182.8	71.9	55.4	60.7	66	2170.5	21.62	W27X235	W3 (PZC 26)
		9830.6	1826	270.3	296.2	322.1	296407.1	6.59	W690X350	
100-1804	IZ®	185.6	71	63.3	68.6	74	2133.6	20.96	W24X279	W3 (PZC 26)
		9978.4	1804	308.8	335	361.2	291368.5	6.39	W610X415	
100-1850	IZ®	185.8	72.8	50.6	55.8	61	2296.7	22.34	W30X211	W3 (PZC 26)
		9991.9	1850	246.8	272.4	297.9	313639.7	6.81	W760X314	
100-1771	IZ®	186.8	69.7	44	49.5	54.9	2454	22.18	W36X160	W3 (PZC 26)
		10044.8	1771	214.8	241.5	268.2	335109.5	6.76	W920X238	
101-1766	IZ®	188.6	69.5	42.2	47.7	53.2	2542.8	22.47	W40X149	W3 (PZC 26)
		10138.7	1766	206.1	232.9	259.7	347236.3	6.85	W1000X222	
105-1772	IZ®	195.1	69.8	45.7	51.2	56.6	2598.8	22.21	W36X170	W3 (PZC 26)
		10486.6	1772	223.1	249.8	276.5	354889.5	6.77	W920X253	
105-1903	IZ®	195.1	74.9	103.1	108.2	113.3	1890.2	21	W14X550	W3 (PZC 26)
		10487.5	1903	503.5	528.4	553.2	258121.9	6.4	W360X818	
105-1828	IZ®	195.4	72	59	64.3	69.6	2364.1	21.69	W27X258	W3 (PZC 26)
		10505.2	1828	288	313.9	339.7	322834.4	6.61	W690X384	
106-1866	IZ®	197.4	73.5	48.5	53.7	58.9	2572.2	23	W33X201	W3 (PZC 26)
		10612.5	1866	236.7	262.1	287.4	351257.4	7.01	W840X299	
107-1806	IZ®	198.8	71.1	67.6	73	78.4	2332.8	21.03	W24X306	W3 (PZC 26)
		10690.7	1806	330.2	356.4	382.6	318569.4	6.41	W610X455	
109-1848	IZ®	202	72.8	54.5	59.8	65	2555.5	22.38	W30X235	W3 (PZC 26)
		10859.7	1848	266.2	291.8	317.4	348972	6.82	W760X350	
110-1773	IZ®	203.8	69.8	47.8	53.2	58.7	2757.9	22.24	W36X182	W3 (PZC 26)
		10954.7	1773	233.2	259.9	286.5	376615.2	6.78	W920X271	
112-1830	IZ®	208.1	72	62.9	68.2	73.5	2565.8	21.75	W27X281	W3 (PZC 26)
		11189.5	1830	307	332.8	358.7	350381.6	6.63	W690X419	

* 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%				
		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®	208.3	69.5	45.3	50.8	56.3	2894.5	22.54	W40X167	W3 (PZC 26)
		11201.1	1766	221.2	248	274.8	395273.4	6.87	W1000X249	
114-1867	IZ®	211.1	73.5	51.7	56.9	62.1	2810.3	23.06	W33X221	W3 (PZC 26)
		11350.6	1867	252.6	277.9	303.2	383775.6	7.03	W840X329	
114-1774	IZ®	212.1	69.8	49.7	55.2	60.6	2911.7	22.28	W36X194	W3 (PZC 26)
		11400.7	1774	242.8	269.4	296.1	397614.9	6.79	W920X289	
114-1908	IZ®	212.3	75.1	112.1	117.2	122.3	2120.3	21.13	W14X605	W3 (PZC 26)
		11413.9	1908	547.5	572.3	597	289551.4	6.44	W360X900	
114-1809	IZ®	212.7	71.2	72.5	77.9	83.2	2547.4	21.13	W24X335	W3 (PZC 26)
		11437.2	1809	354	380.1	406.2	347873.7	6.44	W610X498	
117-1851	IZ®	216.6	72.9	58.8	64	69.2	2802.9	22.44	W30X261	W3 (PZC 26)
		11647.7	1851	287	312.5	338.1	382755.5	6.84	W760X389	
119-1833	IZ®	221.2	72.2	67	72.3	77.6	2778.1	21.82	W27X307	W3 (PZC 26)
		11893.9	1833	327.1	352.9	378.6	379377.7	6.65	W690X457	
120-1775	IZ®	223.1	69.9	52.5	58	63.4	3120.8	22.31	W36X210	W3 (PZC 26)
		11995.9	1775	256.4	283	309.6	426178.8	6.8	W920X313	
121-1869	IZ®	224.4	73.6	54.9	60.1	65.3	3044.6	23.13	W33X241	W3 (PZC 26)
		12066.2	1869	268.3	293.6	318.9	415765.1	7.05	W840X359	
122-1766	IZ®	227	69.5	48	53.5	59	3234.4	22.6	W40X183	W3 (PZC 26)
		12204.1	1766	234.6	261.3	288.1	441681.5	6.89	W1000X272	
123-1813	IZ®	229.4	71.4	78.3	83.6	89	2812.1	21.23	W24X370	W3 (PZC 26)
		12332.5	1813	382.2	408.3	434.3	384020.3	6.47	W610X551	
124-1884	IZ®	230.3	74.2	52.6	57.8	62.9	3217.5	23.62	W36X230	W3 (PZC 26)
		12379.8	1884	257	282	307.1	439375.5	7.2	W920X342	
124-1914	IZ®	230.7	75.4	121	126.1	131.1	2381.5	21.29	W14X665	W3 (PZC 26)
		12404	1914	590.9	615.6	640.3	325211.9	6.49	W360X990	
124-1866	IZ®	231	73.5	48.1	53.2	58.4	3325	23.85	W40X199	W3 (PZC 26)
		12420.5	1866	234.6	260	285.3	454061.4	7.27	W1000X296	

* 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%				
		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)	
127-1853	IZ®	235.5	73	63.7	69	74.2	3122.6	22.51	W30X292	W3 (PZC 26)
		12661.3	1853	311.2	336.8	362.3	426425.2	6.86	W760X434	
127-1836	IZ®	236.9	72.3	71.7	77	82.2	3037.5	21.92	W27X336	W3 (PZC 26)
		12735.2	1836	350	375.8	401.5	414793.2	6.68	W690X500	
130-1885	IZ®	241.1	74.2	55.1	60.2	65.3	3416.5	23.65	W36X245	W3 (PZC 26)
		12961.5	1885	268.9	294	319.1	466552.3	7.21	W920X365	
130-1867	IZ®	241.4	73.5	58.6	63.8	69	3346.1	23.13	W33X263	W3 (PZC 26)
		12978.7	1867	286.2	311.5	336.9	456935.9	7.05	W840X392	
130-1774	IZ®	242.3	69.8	56.2	61.6	67.1	3476.6	22.34	W36X232	W3 (PZC 26)
		13024.3	1774	274.2	300.9	327.5	474757.1	6.81	W920X345	
134-1766	IZ®	248.3	69.5	52.9	58.4	63.8	3664.1	22.64	W40X211	W3 (PZC 26)
		13349.4	1766	258.1	284.9	311.7	500369	6.9	W1000X314	
134-1866	IZ®	249	73.5	50.8	56	61.2	3661.6	23.92	W40X215	W3 (PZC 26)
		13386.2	1866	248.1	273.4	298.8	500017.5	7.29	W1000X321	
135-1886	IZ®	251.7	74.3	57.4	62.6	67.7	3616.4	23.69	W36X260	W3 (PZC 26)
		13531.4	1886	280.4	305.5	330.5	493844.7	7.22	W920X387	
136-1920	IZ®	252.1	75.6	130.7	135.7	140.8	2688.8	21.46	W14X730	W3 (PZC 26)
		13554.2	1920	638.1	662.7	687.3	367178.3	6.54	W360X1086	
136-1838	IZ®	253.5	72.4	77	82.2	87.5	3318.8	21.98	W27X368	W3 (PZC 26)
		13627.3	1838	375.7	401.4	427.2	453206.5	6.7	W690X548	
137-1856	IZ®	254.5	73.1	69.2	74.4	79.6	3456.7	22.6	W30X326	W3 (PZC 26)
		13682.1	1856	337.8	363.3	388.8	472046.2	6.89	W760X484	
139-1776	IZ®	259	69.9	60.4	65.8	71.3	3806.6	22.41	W36X256	W3 (PZC 26)
		13922.5	1776	294.7	321.3	347.9	519830.1	6.83	W920X381	
139-1870	IZ®	259	73.6	63.1	68.3	73.4	3670.9	23.23	W33X291	W3 (PZC 26)
		13924.3	1870	308	333.3	358.6	501300	7.08	W840X433	
143-1768	IZ®	266.2	69.6	56.9	62.4	67.9	4032.1	22.7	W40X235	W3 (PZC 26)
		14310.7	1768	277.8	304.6	331.3	550618.6	6.92	W1000X350	

* 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%				
		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)	
143-1888	IZ®	266.4	74.3	60.7	65.8	71	3898.8	23.75	W36X280	W3 (PZC 26)
		14325	1888	296.3	321.4	346.4	532414.8	7.24	W920X417	
145-1937	IZ®	269.2	76.3	142	147	152	2931.5	21.62	W14X808	W3 (PZC 26)
		14472.5	1937	693.3	717.7	742.1	400317.6	6.59	W360X1202	
147-1859	IZ®	272.7	73.2	74.2	79.4	84.6	3784.9	22.7	W30X357	W3 (PZC 26)
		14663.7	1859	362.2	387.6	413	516864.4	6.92	W760X531	
148-1866	IZ®	274.3	73.5	56.3	61.5	66.7	4175.6	23.95	W40X249	W3 (PZC 26)
		14748.3	1866	275	300.3	325.7	570209.8	7.3	W1000X371	
149-1872	IZ®	276.3	73.7	67.4	72.6	77.7	3995.9	23.29	W33X318	W3 (PZC 26)
		14854.9	1872	329.1	354.3	379.6	545672.1	7.1	W840X473	
150-1889	IZ®	279.7	74.4	63.9	69	74.1	4155	23.79	W36X300	W3 (PZC 26)
		15037.3	1889	312	337	362	567404.1	7.25	W920X446	
153-1866	IZ®	284.2	73.5	53.2	58.4	63.6	4562.2	24.54	W44X230	W3 (PZC 26)
		15279.6	1866	259.9	285.2	310.5	623008	7.48	W1100X343	
153-1769	IZ®	284.6	69.6	61.9	67.3	72.8	4430.3	22.77	W40X264	W3 (PZC 26)
		15299.4	1769	302.1	328.8	355.5	605002.4	6.94	W1000X393	
157-1862	IZ®	291.8	73.3	79.8	85	90.2	4136.9	22.77	W30X391	W3 (PZC 26)
		15688.7	1862	389.4	414.8	440.2	564927.2	6.94	W760X582	
158-1770	IZ®	293.9	69.7	64.4	69.8	75.3	4633.6	22.77	W40X278	W3 (PZC 26)
		15798.6	1770	314.3	341	367.7	632758	6.94	W1000X415	
158-1868	IZ®	294.4	73.5	60.7	65.9	71.1	4593.5	24.02	W40X277	W3 (PZC 26)
		15828.3	1868	296.6	321.9	347.2	627284.3	7.32	W1000X412	
160-1875	IZ®	298.3	73.8	73.1	78.3	83.4	4418.9	23.36	W33X354	W3 (PZC 26)
		16035.5	1875	357	382.2	407.4	603446.4	7.12	W840X527	
161-1888	IZ®	299	74.3	68.4	73.5	78.6	4536	23.82	W36X328	W3 (PZC 26)
		16072.9	1888	333.7	358.8	383.8	619427.7	7.26	W920X488	
164-1868	IZ®	305.4	73.5	64.1	69.3	74.5	4839.1	24.02	W40X297	W3 (PZC 26)
		16419.4	1868	312.9	338.3	363.6	660821.4	7.32	W1000X443	

* 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%				
		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)	
168-1866	IZ®	312.9	73.5	58.5	63.7	68.9	5190	24.61	W44X262	W3 (PZC 26)
		16821.4	1866	285.5	310.9	336.2	708740.1	7.5	W1100X390	
171-1891	IZ®	318.2	74.4	73.2	78.3	83.4	4925.4	23.88	W36X359	W3 (PZC 26)
		17105	1891	357.3	382.3	407.3	672604.3	7.28	W920X534	
171-1877	IZ®	318.4	73.9	78.4	83.6	88.8	4818.4	23.46	W33X387	W3 (PZC 26)
		17115.7	1877	383	408.1	433.3	657991.2	7.15	W840X576	
175-1870	IZ®	326.2	73.6	68.4	73.6	78.8	5276.4	24.11	W40X324	W3 (PZC 26)
		17535.2	1870	334	359.3	384.6	720545.3	7.35	W1000X483	
177-1774	IZ®	329	69.8	72.5	77.9	83.4	5398.1	22.9	W40X327	W3 (PZC 26)
		17689.2	1774	353.9	380.5	407.2	737154.1	6.98	W1000X486	
178-1775	IZ®	330.7	69.9	73.3	78.8	84.3	5440.5	22.93	W40X331	W3 (PZC 26)
		17781.7	1775	358.1	384.7	411.4	742944.2	6.99	W1000X494	
180-1868	IZ®	335.5	73.5	63.1	68.3	73.5	5709.3	24.67	W44X290	W3 (PZC 26)
		18038.8	1868	308.3	333.6	358.9	779649.4	7.52	W1100X433	
183-1893	IZ®	340.2	74.5	78.7	83.8	88.9	5384	23.98	W36X393	W3 (PZC 26)
		18292.3	1893	384.3	409.3	434.2	735235.4	7.31	W920X585	
184-1853	IZ®	342.7	73	104.2	109.4	114.6	4943.4	22.44	W27X539	W3 (PZC 26)
		18424.4	1853	508.7	534.2	559.7	675069.2	6.84	W690X802	
189-1873	IZ®	351	73.7	74.5	79.7	84.8	5826.8	24.18	W40X362	W3 (PZC 26)
		18872.8	1873	363.7	388.9	414.1	795695.4	7.37	W1000X539	
192-1874	IZ®	356.5	73.8	76.1	81.2	86.4	5952.3	24.21	W40X372	W3 (PZC 26)
		19167.5	1874	371.4	396.7	421.9	812838.4	7.38	W1000X554	
196-1871	IZ®	364.2	73.7	70	75.2	80.4	6397.1	24.74	W44X335	W3 (PZC 26)
		19580.5	1871	341.8	367.1	392.4	873577.4	7.54	W1100X499	
199-1897	IZ®	369.6	74.7	85.8	90.9	96	5998.5	24.08	W36X439	W3 (PZC 26)
		19869.4	1897	419.1	444	468.9	819148.9	7.34	W920X653	
201-1780	IZ®	374.5	70.1	83.5	89	94.4	6428	23.1	W40X392	W3 (PZC 26)
		20135	1780	407.8	434.4	460.9	877798	7.04	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 [®]	375.7	73.8	80.1	85.2	90.4	6375.3	24.25	W40X397	W3 (PZC 26)
		20198.3	1875	390.9	416.1	441.3	870602.3	7.39	W1000X591	
214-1878	IZ [®]	397.6	73.9	85.5	90.7	95.8	6873.4	24.34	W40X431	W3 (PZC 26)
		21375.3	1878	417.5	442.6	467.8	938629	7.42	W1000X642	
229-1903	IZ [®]	425.9	74.9	99.6	104.7	109.8	7224.9	24.28	W36X527	W3 (PZC 26)
		22896.4	1903	486.2	511.1	535.9	986618.1	7.4	W920X784	
241-1883	IZ [®]	447.6	74.1	97	102.1	107.3	8035.3	24.51	W40X503	W3 (PZC 26)
		24064.7	1883	473.5	498.6	523.7	1097298.2	7.47	W1000X748	
271-1912	IZ [®]	503.5	75.3	118.6	123.7	128.8	8998.1	24.54	W36X650	W3 (PZC 26)
		27070	1912	579.2	603.9	628.6	1228777	7.48	W920X967	
275-1890	IZ [®]	510.6	74.4	111.5	116.6	121.7	9548.7	24.7	W40X593	W3 (PZC 26)
		27452	1890	544.4	569.4	594.4	1303956.1	7.53	W1000X883	
322-1923	IZ [®]	599.3	75.7	141.4	146.4	151.4	11302.3	24.87	W36X798	W3 (PZC 26)
		32218.3	1923	690.2	714.8	739.3	1543428.3	7.58	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

“The information, including technical and engineering data, figures, tables, designs, drawings, details, suggested procedures, and suggested specifications, presented in this publication are for general information only. While every effort has been made to ensure its accuracy, this information should not be used or relied upon for any specific application without independent competent professional examination and verification of its accuracy, suitability and applicability.

Anyone making use of the material does so at their own risk and assumes any and all liability resulting from such use. **SHEET PILE LLC DISCLAIMS ANY AND ALL EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY FITNESS FOR ANY GENERAL OR PARTICULAR PURPOSE OR FREEDOM FROM INFRINGEMENT OF ANY PATENT, TRADEMARK, OR COPYRIGHT IN REGARD TO INFORMATION OR PRODUCTS CONTAINED OR REFERRED TO HEREIN.** Nothing herein contained shall be construed as granting a license, express or implied, under any patents.

These brands and products are supplied exclusively by or through Sheet Pile LLC.



Toll free: 866.666.7453 | +1 512.243.1228 | info@sheet-pile.com | sheet-pile.com

© 2026 Sheet Pile LLC. All rights reserved.