

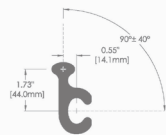
BALL & SOCKET
HOT ROLLED / MULTI-USE



BNS[®]

sheet-pile.com/oz

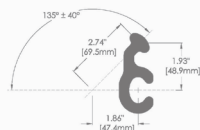
PilePro[®] Sheet Pile Connectors



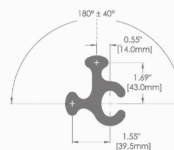
PZ 90



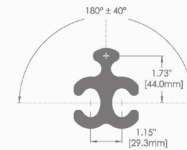
Colt



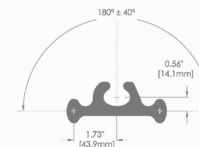
Cobra



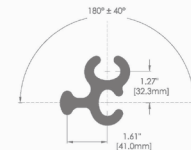
PZ Tee



Joker



Bullhead



PZT-S

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



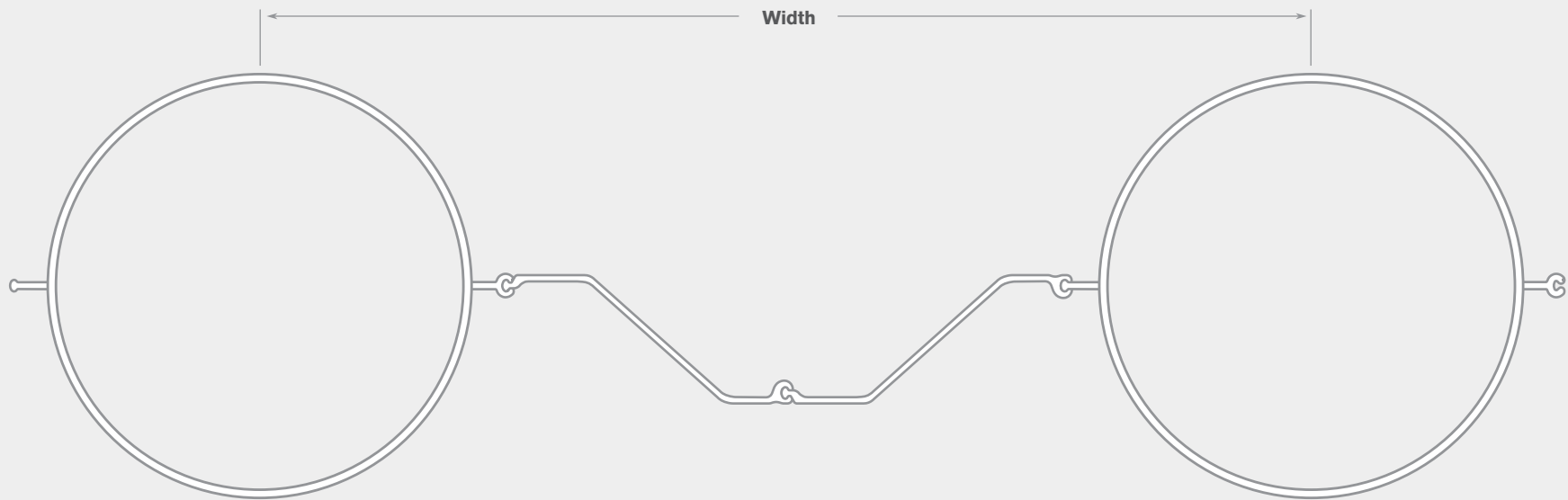
Hot rolled and 100% melted and manufactured
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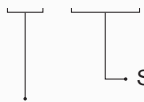


Configuration A2 (PZC 18)



SECTION NAME:

73 - 2699



Section width in mm

Section modulus (elastic) in $\text{cm}^3/\text{m} \div 100$

These are examples from a large variety of possible OZ® solutions.

Please configure your own system on sheet-pile.com/oz

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 trademarks related to the OZ® system, including, but not limited to, United States Patent Nos. 8,088,469, 8,323,765, and 7,935,406.



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OZ[®] BNS[®]

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BALL & SOCKET
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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	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)	ft ² /ft (m ² /m)	
01 02 28-2299	OZ [®]	51.6	90.51	0.472	30	29.7	32.9	36.2	774.5	10.54	21.09	A2 (PZC 18)
		2776.1	2299	12	762	144.8	160.9	176.9	105769.9	3.21	6.43	
03 04 28-2401	OZ [®]	51.8	94.51	0.394	34	27.4	30.6	33.7	880.3	11.07	22.14	A2 (PZC 18)
		2784	2400.6	10	863	133.9	149.3	164.7	120214.5	3.37	6.75	
05 06 28-2350	OZ [®]	52.4	92.51	0.438	31	28.8	32	35.3	838.9	10.81	21.61	A2 (PZC 18)
		2819	2349.8	11.112	812	140.7	156.4	172.2	114562.9	3.29	6.59	
07 08 29-2147	OZ [®]	53.1	84.51	0.688	24	34.9	38.4	42	637.3	9.76	19.52	A2 (PZC 18)
		2855.2	2146.6	17.462	609	170.5	187.7	204.9	87025.5	2.97	5.95	
09 10 29-2451	OZ [®]	53.4	96.51	0.375	36	27	30.1	33.2	960.3	11.33	22.66	A2 (PZC 18)
		2868.3	2451.4	9.525	914	131.9	147	162.1	131139.3	3.45	6.91	
11 12 29-2299	OZ [®]	54	90.51	0.5	30	30.8	34.1	37.4	809.6	10.54	21.09	A2 (PZC 18)
		2901.9	2299	12.7	762	150.3	166.4	182.5	110562	3.21	6.43	
13 14 29-2248	OZ [®]	54.5	88.51	0.562	28	32.5	35.8	39.2	763.2	10.28	20.57	A2 (PZC 18)
		2930.7	2248.2	14.288	711	158.6	175	191.4	104217.2	3.13	6.27	
15 16 30-2451	OZ [®]	55.6	96.51	0.394	36	27.9	31	34.1	1000.2	11.33	22.66	A2 (PZC 18)
		2987.6	2451.4	10	914	136.2	151.3	166.4	136592.2	3.45	6.91	
17 18 30-2350	OZ [®]	55.8	92.51	0.472	31	30.3	33.5	36.8	892.4	10.81	21.61	A2 (PZC 18)
		2998.7	2349.8	12	812	148	163.8	179.5	121867	3.29	6.59	
19 20 30-2147	OZ [®]	56.4	84.51	0.75	24	37.1	40.6	44.1	677.3	9.76	19.52	A2 (PZC 18)
		3034.5	2146.6	19.05	609	180.9	198.1	215.3	92491.8	2.97	5.95	
21 22 30-2401	OZ [®]	56.5	94.51	0.438	34	29.4	32.5	35.7	960	11.07	22.14	A2 (PZC 18)
		3036.1	2400.6	11.112	863	143.5	158.9	174.3	131097.2	3.37	6.75	
23 24 31-2502	OZ [®]	57.1	98.51	0.375	38	27.5	30.5	33.5	1085.2	11.59	23.18	A2 (PZC 18)
		3070.8	2502.2	9.525	965	134	148.8	163.6	148198.4	3.53	7.07	
25 26 31-2350	OZ [®]	58.4	92.51	0.5	31	31.5	34.7	38	934.3	10.81	21.61	A2 (PZC 18)
		3139.6	2349.8	12.7	812	153.8	169.6	185.3	127593.4	3.29	6.59	
27 28 32-2248	OZ [®]	59.1	88.51	0.625	28	34.9	38.3	41.6	827.3	10.28	20.57	A2 (PZC 18)
		3177.1	2248.2	15.875	711	170.4	186.9	203.3	112976.2	3.13	6.27	

* 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 OZ[®].



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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	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)	ft ² /ft (m ² /m)	
01 32-2299	OZ [®]	59.2	90.51	0.562	30	33.4	36.6	39.9	888.5	10.54	21.09	A2 (PZC 18)
02		3184.5	2299	14.288	762	162.8	178.9	195	121329.7	3.21	6.43	
03 32-2502	OZ [®]	59.5	98.51	0.394	38	28.4	31.4	34.4	1131.4	11.59	23.18	A2 (PZC 18)
04		3201.5	2502.2	10	965	138.5	153.2	168	154502.8	3.53	7.07	
05 32-2147	OZ [®]	59.7	84.51	0.812	24	39.2	42.7	46.2	716.7	9.76	19.52	A2 (PZC 18)
06		3210.9	2146.6	20.638	609	191.3	208.5	225.7	97867.8	2.97	5.95	
07 32-2401	OZ [®]	60.2	94.51	0.472	34	31	34.1	37.3	1023.1	11.07	22.14	A2 (PZC 18)
08		3235.7	2400.6	12	863	151.2	166.6	182	139717.2	3.37	6.75	
09 33-2451	OZ [®]	60.7	96.51	0.438	36	29.9	33	36.1	1093.3	11.33	22.66	A2 (PZC 18)
10		3265.4	2451.4	11.112	914	146.2	161.3	176.4	149295.9	3.45	6.91	
11 33-2553	OZ [®]	61.1	100.51	0.375	40	27.9	30.8	33.8	1221.1	11.85	23.71	A2 (PZC 18)
12		3282.4	2553	9.525	1016	136	150.5	165	166746.2	3.61	7.23	
13 33-2197	OZ [®]	61.9	86.51	0.75	26	38.4	41.9	45.3	804.3	10.02	20.04	A2 (PZC 18)
14		3326.5	2197.4	19.05	660	187.6	204.4	221.2	109839.9	3.05	6.11	
15 34-2147	OZ [®]	62.9	84.51	0.875	24	41.3	44.8	48.4	755.4	9.76	19.52	A2 (PZC 18)
16		3384.3	2146.6	22.225	609	201.6	218.9	236.1	103154.3	2.97	5.95	
17 34-2401	OZ [®]	63.1	94.51	0.5	34	32.2	35.4	38.5	1072.6	11.07	22.14	A2 (PZC 18)
18		3392.3	2400.6	12.7	863	157.2	172.6	188	146477.5	3.37	6.75	
19 34-2248	OZ [®]	63.6	88.51	0.688	28	37.3	40.7	44.1	890.6	10.28	20.57	A2 (PZC 18)
20		3419.9	2248.2	17.462	711	182.2	198.7	215.1	121613.3	3.13	6.27	
21 34-2553	OZ [®]	63.7	100.51	0.394	40	28.8	31.8	34.7	1274	11.85	23.71	A2 (PZC 18)
22		3424.7	2553	10	1016	140.6	155.1	169.6	173975.7	3.61	7.23	
23 35-2350	OZ [®]	64.3	92.51	0.562	31	34.2	37.4	40.6	1028.6	10.81	21.61	A2 (PZC 18)
24		3456.4	2349.8	14.288	812	166.9	182.7	198.4	140466.8	3.29	6.59	
25 35-2299	OZ [®]	64.4	90.51	0.625	30	35.9	39.2	42.5	966.3	10.54	21.09	A2 (PZC 18)
26		3463.5	2299	15.875	762	175.3	191.4	207.5	131958.7	3.21	6.43	
27 35-2451	OZ [®]	64.8	96.51	0.472	36	31.6	34.7	37.8	1167	11.33	22.66	A2 (PZC 18)
28		3485.6	2451.4	12	914	154.2	169.3	184.3	159362	3.45	6.91	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
35-2604	OZ®	65.1	102.51	0.375	42	28.3	31.2	34.1	1368	12.12	24.23	A2 (PZC 18)
		3502.2	2603.8	9.525	1066	138	152.2	166.4	186809.3	3.69	7.39	
35-2502	OZ®	65.2	98.51	0.438	38	30.5	33.5	36.5	1239	11.59	23.18	A2 (PZC 18)
		3505.9	2502.2	11.112	965	148.8	163.6	178.4	169194.7	3.53	7.07	
36-2147	OZ®	66.1	84.51	0.938	24	43.4	46.9	50.5	793.4	9.76	19.52	A2 (PZC 18)
		3554.9	2146.6	23.812	609	211.9	229.1	246.4	108352.3	2.97	5.95	
37-2604	OZ®	68	102.51	0.394	42	29.2	32.1	35	1428.2	12.12	24.23	A2 (PZC 18)
		3656.5	2603.8	10	1066	142.7	156.9	171.1	195037.6	3.69	7.39	
37-2451	OZ®	68	96.51	0.5	36	32.9	35.9	39	1224.8	11.33	22.66	A2 (PZC 18)
		3658.3	2451.4	12.7	914	160.4	175.5	190.6	167259.1	3.45	6.91	
37-2248	OZ®	68.1	88.51	0.75	28	39.7	43.1	46.5	952.9	10.28	20.57	A2 (PZC 18)
		3659.4	2248.2	19.05	711	194	210.4	226.8	130129.4	3.13	6.27	
37-2147	OZ®	69.2	84.51	1	24	45.5	49	52.6	830.9	9.76	19.52	A2 (PZC 18)
		3722.5	2146.6	25.4	609	222.1	239.4	256.6	113463.2	2.97	5.95	
37-2655	OZ®	69.4	104.51	0.375	43	28.6	31.5	34.3	1526.2	12.38	24.75	A2 (PZC 18)
		3729.6	2654.6	9.525	1117	139.8	153.8	167.7	208410.7	3.77	7.55	
37-2299	OZ®	69.5	90.51	0.688	30	38.4	41.7	45	1043.1	10.54	21.09	A2 (PZC 18)
		3738.8	2299	17.462	762	187.7	203.8	219.9	142449.8	3.21	6.43	
37-2401	OZ®	69.6	94.51	0.562	34	35	38.1	41.3	1184	11.07	22.14	A2 (PZC 18)
		3744.4	2400.6	14.288	863	170.9	186.3	201.7	161683.7	3.37	6.75	
37-2502	OZ®	69.7	98.51	0.472	38	32.2	35.2	38.2	1324.3	11.59	23.18	A2 (PZC 18)
		3747.2	2502.2	12	965	157.1	171.8	186.6	180840.9	3.53	7.07	
38-2553	OZ®	69.9	100.51	0.438	40	31	34	36.9	1397.4	11.85	23.71	A2 (PZC 18)
		3756.4	2553	11.112	1016	151.3	165.8	180.3	190826.9	3.61	7.23	
38-2350	OZ®	70.1	92.51	0.625	31	36.9	40.1	43.3	1121.8	10.81	21.61	A2 (PZC 18)
		3769.3	2349.8	15.875	812	180	195.7	211.4	153185.4	3.29	6.59	
39-2248	OZ®	72.5	88.51	0.812	28	42.1	45.5	48.9	1014.4	10.28	20.57	A2 (PZC 18)
		3895.6	2248.2	20.638	711	205.7	222.1	238.5	138525.9	3.13	6.27	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
39-2655	OZ®	72.5	104.51	0.394	43	29.6	32.5	35.3	1594.3	12.38	24.75	A2 (PZC 18)
		3896.1	2654.6	10	1117	144.7	158.6	172.5	217714.5	3.77	7.55	
39-2502	OZ®	73.2	98.51	0.5	38	33.5	36.5	39.5	1391.2	11.59	23.18	A2 (PZC 18)
		3936.6	2502.2	12.7	965	163.5	178.3	193.1	189980	3.53	7.07	
40-2299	OZ®	74.6	90.51	0.75	30	41	44.3	47.6	1119	10.54	21.09	A2 (PZC 18)
		4010.6	2299	19.05	762	200.1	216.1	232.2	152803.8	3.21	6.43	
40-2604	OZ®	74.7	102.51	0.438	42	31.5	34.4	37.3	1568.7	12.12	24.23	A2 (PZC 18)
		4016.2	2603.8	11.112	1066	153.7	167.9	182.1	214222.7	3.69	7.39	
40-2553	OZ®	74.8	100.51	0.472	40	32.7	35.7	38.7	1495.2	11.85	23.71	A2 (PZC 18)
		4019.5	2553	12	1016	159.8	174.3	188.8	204189.2	3.61	7.23	
40-2451	OZ®	75.3	96.51	0.562	36	35.8	38.9	41.9	1355	11.33	22.66	A2 (PZC 18)
		4047.1	2451.4	14.288	914	174.6	189.7	204.8	185031.4	3.45	6.91	
41-2350	OZ®	75.9	92.51	0.688	31	39.5	42.7	46	1213.8	10.81	21.61	A2 (PZC 18)
		4078.5	2349.8	17.462	812	193	208.7	224.4	165749.4	3.29	6.59	
41-2401	OZ®	76.1	94.51	0.625	34	37.8	40.9	44.1	1294.1	11.07	22.14	A2 (PZC 18)
		4092.6	2400.6	15.875	863	184.4	199.8	215.2	176717.9	3.37	6.75	
41-2248	OZ®	76.8	88.51	0.875	28	44.5	47.9	51.2	1075	10.28	20.57	A2 (PZC 18)
		4128.3	2248.2	22.225	711	217.3	233.7	250.2	146804.1	3.13	6.27	
42-2756	OZ®	78.2	108.51	0.375	48	29.4	32.1	34.9	1877	12.9	25.8	A2 (PZC 18)
		4204.7	2756.2	9.525	1219	143.3	156.7	170.2	256317.4	3.93	7.86	
42-2553	OZ®	78.6	100.51	0.5	40	34.1	37.1	40	1572.1	11.85	23.71	A2 (PZC 18)
		4225.9	2553	12.7	1016	166.5	181	195.5	214677.6	3.61	7.23	
43-2299	OZ®	79.6	90.51	0.812	30	43.5	46.8	50.1	1193.8	10.54	21.09	A2 (PZC 18)
		4278.8	2299	20.638	762	212.4	228.4	244.5	163023.1	3.21	6.43	
43-2655	OZ®	79.7	104.51	0.438	43	32	34.8	37.7	1753.2	12.38	24.75	A2 (PZC 18)
		4284.4	2654.6	11.112	1117	156	169.9	183.9	239410.1	3.77	7.55	
43-2604	OZ®	80	102.51	0.472	42	33.3	36.2	39.1	1680.2	12.12	24.23	A2 (PZC 18)
		4301.5	2603.8	12	1066	162.5	176.7	190.9	229439.7	3.69	7.39	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
44-2248	OZ®	81.1	88.51	0.938	28	46.9	50.2	53.6	1134.8	10.28	20.57	A2 (PZC 18)
		4357.8	2248.2	23.812	711	228.9	245.3	261.8	154964.9	3.13	6.27	
44-2502	OZ®	81.2	98.51	0.562	38	36.5	39.5	42.6	1541.9	11.59	23.18	A2 (PZC 18)
		4362.9	2502.2	14.288	965	178.2	193	207.8	210555.9	3.53	7.07	
44-2350	OZ®	81.5	92.51	0.75	31	42.2	45.4	48.6	1304.6	10.81	21.61	A2 (PZC 18)
		4383.9	2349.8	19.05	812	205.9	221.6	237.4	178160.3	3.29	6.59	
44-2756	OZ®	81.8	108.51	0.394	48	30.4	33.1	35.9	1962.5	12.9	25.8	A2 (PZC 18)
		4396.4	2756.2	10	1219	148.4	161.8	175.3	268002.7	3.93	7.86	
44-2451	OZ®	82.4	96.51	0.625	36	38.7	41.7	44.8	1483.7	11.33	22.66	A2 (PZC 18)
		4431.6	2451.4	15.875	914	188.7	203.8	218.9	202613.2	3.45	6.91	
44-2401	OZ®	82.5	94.51	0.688	34	40.6	43.7	46.9	1402.9	11.07	22.14	A2 (PZC 18)
		4436.8	2400.6	17.462	863	198	213.4	228.8	191580.9	3.37	6.75	
45-2807	OZ®	82.8	110.51	0.375	50	29.7	32.4	35.1	2069.9	13.16	26.32	A2 (PZC 18)
		4451.4	2807	9.525	1270	145	158.2	171.3	282661.9	4.01	8.02	
45-2604	OZ®	84.2	102.51	0.5	42	34.7	37.6	40.5	1767.6	12.12	24.23	A2 (PZC 18)
		4525.4	2603.8	12.7	1066	169.4	183.6	197.8	241387.2	3.69	7.39	
45-2299	OZ®	84.5	90.51	0.875	30	46	49.3	52.6	1267.6	10.54	21.09	A2 (PZC 18)
		4543.5	2299	22.225	762	224.6	240.7	256.8	173107.9	3.21	6.43	
46-2248	OZ®	85.3	88.51	1	28	49.2	52.6	56	1193.7	10.28	20.57	A2 (PZC 18)
		4584.1	2248.2	25.4	711	240.4	256.8	273.3	163009.1	3.13	6.27	
46-2655	OZ®	85.4	104.51	0.472	43	33.8	36.7	39.5	1879.2	12.38	24.75	A2 (PZC 18)
		4592.4	2654.6	12	1117	165	179	192.9	256623.2	3.77	7.55	
47-2807	OZ®	86.6	110.51	0.394	50	30.8	33.5	36.2	2165	13.16	26.32	A2 (PZC 18)
		4656	2807	10	1270	150.2	163.4	176.5	295655.5	4.01	8.02	
47-2350	OZ®	87.2	92.51	0.812	31	44.8	48	51.3	1394.4	10.81	21.61	A2 (PZC 18)
		4685.5	2349.8	20.638	812	218.8	234.5	250.2	190420	3.29	6.59	
47-2553	OZ®	87.3	100.51	0.562	40	37.2	40.2	43.1	1745	11.85	23.71	A2 (PZC 18)
		4691	2553	14.288	1016	181.7	196.2	210.6	238300.4	3.61	7.23	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	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)	ft ² /ft (m ² /m)	
01 47-2858	OZ [®]	87.5	112.51	0.375	52	30	32.7	35.3	2274.7	13.42	26.85	A2 (PZC 18)
02		4703.6	2857.8	9.525	1320	146.6	159.5	172.5	310623.9	4.09	8.18	
03 48-2401	OZ [®]	88.9	94.51	0.75	34	43.3	46.5	49.6	1510.5	11.07	22.14	A2 (PZC 18)
04		4777.1	2400.6	19.05	863	211.5	226.9	242.3	206273.8	3.37	6.75	
05 48-2502	OZ [®]	89	98.51	0.625	38	39.5	42.5	45.6	1691	11.59	23.18	A2 (PZC 18)
06		4785	2502.2	15.875	965	192.9	207.6	222.4	230923.6	3.53	7.07	
07 48-2299	OZ [®]	89.4	90.51	0.938	30	48.5	51.8	55.1	1340.5	10.54	21.09	A2 (PZC 18)
08		4804.7	2299	23.812	762	236.8	252.9	269	183060	3.21	6.43	
09 48-2451	OZ [®]	89.5	96.51	0.688	36	41.5	44.6	47.7	1611.1	11.33	22.66	A2 (PZC 18)
10		4812	2451.4	17.462	914	202.8	217.9	233	220006.5	3.45	6.91	
11 48-2655	OZ [®]	89.9	104.51	0.5	43	35.3	38.1	41	1978.2	12.38	24.75	A2 (PZC 18)
12		4834.3	2654.6	12.7	1117	172.1	186.1	200	270140.9	3.77	7.55	
13 48-2756	OZ [®]	90.1	108.51	0.438	48	32.8	35.6	38.3	2162.2	12.9	25.8	A2 (PZC 18)
14		4843.5	2756.2	11.112	1219	160.4	173.8	187.2	295262	3.93	7.86	
15 49-2858	OZ [®]	91.5	112.51	0.394	52	31.1	33.8	36.4	2380	13.42	26.85	A2 (PZC 18)
16		4921.4	2857.8	10	1320	151.9	164.9	177.8	325006.3	4.09	8.18	
17 50-2909	OZ [®]	92.3	114.51	0.375	53	30.3	32.9	35.5	2491.4	13.69	27.37	A2 (PZC 18)
18		4960.9	2908.6	9.525	1371	148.1	160.8	173.5	340220.4	4.17	8.34	
19 50-2350	OZ [®]	92.7	92.51	0.875	31	47.4	50.7	53.9	1483.1	10.81	21.61	A2 (PZC 18)
20		4983.5	2349.8	22.225	812	231.6	247.3	263.1	202529.2	3.29	6.59	
21 50-2604	OZ [®]	93.6	102.51	0.562	42	37.9	40.8	43.7	1964.8	12.12	24.23	A2 (PZC 18)
22		5030.1	2603.8	14.288	1066	185	199.2	213.4	268304.8	3.69	7.39	
23 51-2299	OZ [®]	94.2	90.51	1	30	51	54.3	57.6	1412.4	10.54	21.09	A2 (PZC 18)
24		5062.5	2299	25.4	762	248.9	265	281.1	192879.9	3.21	6.43	
25 51-2401	OZ [®]	95.1	94.51	0.812	34	46.1	49.2	52.4	1616.9	11.07	22.14	A2 (PZC 18)
26		5113.4	2400.6	20.638	863	224.9	240.3	255.7	220798.1	3.37	6.75	
27 51-2807	OZ [®]	95.5	110.51	0.438	50	33.3	36	38.7	2387	13.16	26.32	A2 (PZC 18)
28		5133.4	2807	11.112	1270	162.4	175.6	188.8	325972.6	4.01	8.02	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	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)	ft ² /ft (m ² /m)	
52-2553	OZ [®]	95.8	100.51	0.625	40	40.3	43.3	46.2	1916.4	11.85	23.71	A2 (PZC 18)
		5151.5	2553	15.875	1016	196.8	211.3	225.8	261696.4	3.61	7.23	
52-2451	OZ [®]	96.5	96.51	0.75	36	44.4	47.5	50.6	1737.1	11.33	22.66	A2 (PZC 18)
		5188.4	2451.4	19.05	914	216.8	231.9	247	237212.2	3.45	6.91	
52-2909	OZ [®]	96.6	114.51	0.394	53	31.5	34.1	36.7	2607.5	13.69	27.37	A2 (PZC 18)
		5192.1	2908.6	10	1371	153.6	166.3	179	356072	4.17	8.34	
52-2756	OZ [®]	96.7	108.51	0.472	48	34.8	37.5	40.3	2320.6	12.9	25.8	A2 (PZC 18)
		5198.5	2756.2	12	1219	169.9	183.3	196.7	316899.4	3.93	7.86	
52-2502	OZ [®]	96.8	98.51	0.688	38	42.5	45.5	48.5	1838.7	11.59	23.18	A2 (PZC 18)
		5202.7	2502.2	17.462	965	207.4	222.2	237	251084.2	3.53	7.07	
52-2959	OZ [®]	97.1	116.51	0.375	56	30.6	33.2	35.8	2720.2	13.95	27.9	A2 (PZC 18)
		5223.1	2959.4	9.525	1422	149.6	162.1	174.6	371467.2	4.25	8.5	
53-2350	OZ [®]	98.2	92.51	0.938	31	50.1	53.3	56.5	1570.7	10.81	21.61	A2 (PZC 18)
		5277.8	2349.8	23.812	812	244.4	260.1	275.8	214488.9	3.29	6.59	
54-2655	OZ [®]	100.1	104.51	0.562	43	38.6	41.4	44.3	2201.3	12.38	24.75	A2 (PZC 18)
		5379.5	2654.6	14.288	1117	188.2	202.1	216.1	300605	3.77	7.55	
54-2858	OZ [®]	101	112.51	0.438	52	33.7	36.3	39	2625.7	13.42	26.85	A2 (PZC 18)
		5429.6	2857.8	11.112	1320	164.4	177.3	190.3	358568.1	4.09	8.18	
54-2401	OZ [®]	101.3	94.51	0.875	34	48.8	52	55.1	1722	11.07	22.14	A2 (PZC 18)
		5445.9	2400.6	22.225	863	238.3	253.7	269.1	235155.4	3.37	6.75	
55-2959	OZ [®]	101.7	116.51	0.394	56	31.8	34.3	36.9	2847.6	13.95	27.9	A2 (PZC 18)
		5467.8	2959.4	10	1422	155.2	167.7	180.2	388869.4	4.25	8.5	
55-2756	OZ [®]	101.9	108.51	0.5	48	36.3	39.1	41.8	2445.1	12.9	25.8	A2 (PZC 18)
		5477.3	2756.2	12.7	1219	177.3	190.7	204.2	333897.8	3.93	7.86	
55-2807	OZ [®]	102.5	110.51	0.472	50	35.3	38	40.7	2563.3	13.16	26.32	A2 (PZC 18)
		5512.5	2807	12	1270	172.1	185.3	198.5	350042.4	4.01	8.02	
55-2604	OZ [®]	102.9	102.51	0.625	42	41.1	44	46.9	2160.1	12.12	24.23	A2 (PZC 18)
		5530.1	2603.8	15.875	1066	200.6	214.8	229	294976.2	3.69	7.39	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	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)	ft ² /ft (m ² /m)	
56-2451	OZ [®]	103.4	96.51	0.812	36	47.3	50.4	53.4	1861.7	11.33	22.66	A2 (PZC 18)
		5560.6	2451.4	20.638	914	230.8	245.9	261	254232.3	3.45	6.91	
56-2350	OZ [®]	103.6	92.51	1	31	52.7	55.9	59.1	1657.2	10.81	21.61	A2 (PZC 18)
		5568.4	2349.8	25.4	812	257.1	272.8	288.6	226301	3.29	6.59	
56-2553	OZ [®]	104.3	100.51	0.688	40	43.4	46.4	49.3	2086	11.85	23.71	A2 (PZC 18)
		5607.6	2553	17.462	1016	211.9	226.4	240.8	284866.8	3.61	7.23	
56-2502	OZ [®]	104.5	98.51	0.75	38	45.5	48.5	51.5	1984.8	11.59	23.18	A2 (PZC 18)
		5616.2	2502.2	19.05	965	222	236.7	251.5	271039.9	3.53	7.07	
57-2909	OZ [®]	106.6	114.51	0.438	53	34.1	36.7	39.3	2878.4	13.69	27.37	A2 (PZC 18)
		5731.5	2908.6	11.112	1371	166.3	179	191.7	393068.8	4.17	8.34	
58-2401	OZ [®]	107.4	94.51	0.938	34	51.5	54.7	57.8	1825.9	11.07	22.14	A2 (PZC 18)
		5774.6	2400.6	23.812	863	251.6	267	282.4	249346.4	3.37	6.75	
58-2807	OZ [®]	108.1	110.51	0.5	50	36.8	39.5	42.2	2701.8	13.16	26.32	A2 (PZC 18)
		5810.3	2807	12.7	1270	179.8	193	206.1	368954.4	4.01	8.02	
58-2858	OZ [®]	108.5	112.51	0.472	52	35.7	38.4	41	2820.9	13.42	26.85	A2 (PZC 18)
		5833.1	2857.8	12	1320	174.3	187.3	200.2	385219.4	4.09	8.18	
59-2655	OZ [®]	110.1	104.51	0.625	43	41.8	44.7	47.5	2422.4	12.38	24.75	A2 (PZC 18)
		5919.9	2654.6	15.875	1117	204.3	218.2	232.1	330803.5	3.77	7.55	
59-2451	OZ [®]	110.3	96.51	0.875	36	50.1	53.2	56.3	1985	11.33	22.66	A2 (PZC 18)
		5928.9	2451.4	22.225	914	244.7	259.8	274.9	271067.6	3.45	6.91	
60-2502	OZ [®]	112.1	98.51	0.812	38	48.4	51.5	54.5	2129.4	11.59	23.18	A2 (PZC 18)
		6025.5	2502.2	20.638	965	236.4	251.2	266	290791.3	3.53	7.07	
60-2604	OZ [®]	112.1	102.51	0.688	42	44.3	47.2	50.1	2353.6	12.12	24.23	A2 (PZC 18)
		6025.6	2603.8	17.462	1066	216.1	230.3	244.5	321403.3	3.69	7.39	
60-2959	OZ [®]	112.3	116.51	0.438	56	34.4	37	39.6	3145.1	13.95	27.9	A2 (PZC 18)
		6038.9	2959.4	11.112	1422	168.2	180.7	193.1	429489.1	4.25	8.5	
61-2553	OZ [®]	112.7	100.51	0.75	40	46.5	49.4	52.4	2254.1	11.85	23.71	A2 (PZC 18)
		6059.3	2553	19.05	1016	226.9	241.4	255.9	307813.6	3.61	7.23	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
61-2401	OZ®	113.4	94.51	1	34	54.3	57.4	60.6	1928.6	11.07	22.14	A2 (PZC 18)
		6099.4	2400.6	25.4	863	264.9	280.3	295.7	263372.9	3.37	6.75	
61-2756	OZ®	113.6	108.51	0.562	48	39.8	42.5	45.3	2725.8	12.9	25.8	A2 (PZC 18)
		6106.1	2756.2	14.288	1219	194.3	207.7	221.1	372226.6	3.93	7.86	
62-2858	OZ®	114.4	112.51	0.5	52	37.3	40	42.6	2974.3	13.42	26.85	A2 (PZC 18)
		6150.2	2857.8	12.7	1320	182.2	195.1	208	406162.1	4.09	8.18	
62-2909	OZ®	114.6	114.51	0.472	53	36.1	38.7	41.3	3093.5	13.69	27.37	A2 (PZC 18)
		6160	2908.6	12	1371	176.5	189.2	201.9	422450.7	4.17	8.34	
63-2451	OZ®	117.1	96.51	0.938	36	53	56.1	59.1	2106.9	11.33	22.66	A2 (PZC 18)
		6293.1	2451.4	23.812	914	258.6	273.7	288.7	287719.3	3.45	6.91	
64-2502	OZ®	119.6	98.51	0.875	38	51.4	54.4	57.4	2272.6	11.59	23.18	A2 (PZC 18)
		6430.6	2502.2	22.225	965	250.9	265.6	280.4	310340.1	3.53	7.07	
65-2655	OZ®	120.1	104.51	0.688	43	45.1	48	50.8	2641.6	12.38	24.75	A2 (PZC 18)
		6455.6	2654.6	17.462	1117	220.2	234.2	248.1	360738.7	3.77	7.55	
65-2807	OZ®	120.6	110.51	0.562	50	40.4	43.1	45.8	3014.1	13.16	26.32	A2 (PZC 18)
		6482	2807	14.288	1270	197.1	210.3	223.5	411606.7	4.01	8.02	
65-2959	OZ®	120.8	116.51	0.472	56	36.6	39.1	41.7	3381.4	13.95	27.9	A2 (PZC 18)
		6492.6	2959.4	12	1422	178.5	191	203.5	461755.8	4.25	8.5	
65-2909	OZ®	120.8	114.51	0.5	53	37.8	40.4	43	3262.7	13.69	27.37	A2 (PZC 18)
		6496.7	2908.6	12.7	1371	184.5	197.2	209.9	445544.2	4.17	8.34	
65-2553	OZ®	121	100.51	0.812	40	49.5	52.5	55.5	2420.5	11.85	23.71	A2 (PZC 18)
		6506.6	2553	20.638	1016	241.9	256.3	270.8	330537.8	3.61	7.23	
65-2604	OZ®	121.2	102.51	0.75	42	47.4	50.4	53.3	2545.3	12.12	24.23	A2 (PZC 18)
		6516.5	2603.8	19.05	1066	231.6	245.8	260	347587.8	3.69	7.39	
67-2451	OZ®	123.8	96.51	1	36	55.8	58.9	62	2227.5	11.33	22.66	A2 (PZC 18)
		6653.3	2451.4	25.4	914	272.4	287.5	302.6	304189.4	3.45	6.91	
67-2756	OZ®	125.2	108.51	0.625	48	43.2	46	48.7	3004.2	12.9	25.8	A2 (PZC 18)
		6729.8	2756.2	15.875	1219	211.2	224.6	238	410249.6	3.93	7.86	

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OZ® BNS®

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BALL & SOCKET
HOT ROLLED / MULTI-USE

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
68-2502	OZ®	127.1	98.51	0.938	38	54.3	57.4	60.4	2414.3	11.59	23.18	A2 (PZC 18)
		6831.5	2502.2	23.812	965	265.3	280	294.8	329687.9	3.53	7.07	
68-2959	OZ®	127.4	116.51	0.5	56	38.2	40.8	43.3	3567.1	13.95	27.9	A2 (PZC 18)
		6849.3	2959.4	12.7	1422	186.7	199.2	211.6	487119	4.25	8.5	
69-2858	OZ®	127.7	112.51	0.562	52	40.9	43.6	46.2	3320.2	13.42	26.85	A2 (PZC 18)
		6865.7	2857.8	14.288	1320	199.9	212.8	225.8	453408.2	4.09	8.18	
69-2553	OZ®	129.3	100.51	0.875	40	52.6	55.6	58.5	2585.3	11.85	23.71	A2 (PZC 18)
		6949.6	2553	22.225	1016	256.8	271.3	285.7	353041.1	3.61	7.23	
70-2655	OZ®	130	104.51	0.75	43	48.4	51.2	54.1	2858.9	12.38	24.75	A2 (PZC 18)
		6986.6	2654.6	19.05	1117	236.2	250.1	264	390411.4	3.77	7.55	
70-2604	OZ®	130.3	102.51	0.812	42	50.6	53.5	56.4	2735.3	12.12	24.23	A2 (PZC 18)
		7002.8	2603.8	20.638	1066	247.1	261.3	275.5	373530.6	3.69	7.39	
71-2807	OZ®	133	110.51	0.625	50	43.9	46.6	49.3	3324.1	13.16	26.32	A2 (PZC 18)
		7148.6	2807	15.875	1270	214.4	227.6	240.8	453936.6	4.01	8.02	
72-2502	OZ®	134.4	98.51	1	38	57.3	60.3	63.3	2554.5	11.59	23.18	A2 (PZC 18)
		7228.3	2502.2	25.4	965	279.6	294.4	309.1	348835.8	3.53	7.07	
73-2909	OZ®	135	114.51	0.562	53	41.5	44.1	46.7	3644.2	13.69	27.37	A2 (PZC 18)
		7256.5	2908.6	14.288	1371	202.6	215.3	228	497648.4	4.17	8.34	
73-2756	OZ®	136.7	108.51	0.688	48	46.7	49.4	52.2	3280.4	12.9	25.8	A2 (PZC 18)
		7348.6	2756.2	17.462	1219	228	241.4	254.8	447968.2	3.93	7.86	
74-2553	OZ®	137.4	100.51	0.938	40	55.6	58.6	61.6	2748.4	11.85	23.71	A2 (PZC 18)
		7388.3	2553	23.812	1016	271.7	286.1	300.6	375325.1	3.61	7.23	
75-2604	OZ®	139.2	102.51	0.875	42	53.8	56.7	59.6	2923.5	12.12	24.23	A2 (PZC 18)
		7484.7	2603.8	22.225	1066	262.5	276.7	290.9	399233.8	3.69	7.39	
75-2655	OZ®	139.7	104.51	0.812	43	51.6	54.5	57.3	3074.3	12.38	24.75	A2 (PZC 18)
		7512.9	2654.6	20.638	1117	252.1	266	279.9	419822.2	3.77	7.55	
76-3061	OZ®	140.8	120.51	0.5	60	39.1	41.6	44	4224.7	14.47	28.94	A2 (PZC 18)
		7571.2	3061	12.7	1524	190.9	202.9	215	576925.8	4.41	8.82	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
76-2858	OZ®	140.9	112.51	0.625	52	44.6	47.2	49.9	3663.7	13.42	26.85	A2 (PZC 18)
		7575.8	2857.8	15.875	1320	217.6	230.5	243.4	500304.4	4.09	8.18	
77-2959	OZ®	142.4	116.51	0.562	56	42	44.6	47.1	3986.2	13.95	27.9	A2 (PZC 18)
		7654	2959.4	14.288	1422	205.1	217.6	230.1	544353.6	4.25	8.5	
78-2807	OZ®	145.3	110.51	0.688	50	47.5	50.1	52.8	3631.7	13.16	26.32	A2 (PZC 18)
		7810.1	2807	17.462	1270	231.7	244.8	258	495938.7	4.01	8.02	
78-2553	OZ®	145.5	100.51	1	40	58.7	61.6	64.6	2910	11.85	23.71	A2 (PZC 18)
		7822.7	2553	25.4	1016	286.5	301	315.4	397390.7	3.61	7.23	
80-2604	OZ®	148.1	102.51	0.938	42	56.9	59.8	62.7	3110	12.12	24.23	A2 (PZC 18)
		7962.1	2603.8	23.812	1066	277.8	292	306.2	424698.5	3.69	7.39	
80-2756	OZ®	148.1	108.51	0.75	48	50.1	52.9	55.6	3554.4	12.9	25.8	A2 (PZC 18)
		7962.4	2756.2	19.05	1219	244.8	258.2	271.6	485385.7	3.93	7.86	
80-2909	OZ®	149	114.51	0.625	53	45.2	47.8	50.4	4023.1	13.69	27.37	A2 (PZC 18)
		8010.9	2908.6	15.875	1371	220.6	233.3	246	549384.6	4.17	8.34	
80-2655	OZ®	149.4	104.51	0.875	43	54.9	57.7	60.6	3287.8	12.38	24.75	A2 (PZC 18)
		8034.6	2654.6	22.225	1117	267.9	281.9	295.8	448975.4	3.77	7.55	
83-2858	OZ®	154	112.51	0.688	52	48.2	50.8	53.5	4004.6	13.42	26.85	A2 (PZC 18)
		8280.7	2857.8	17.462	1320	235.2	248.1	261.1	546857.7	4.09	8.18	
84-2604	OZ®	156.9	102.51	1	42	60	62.9	65.9	3294.7	12.12	24.23	A2 (PZC 18)
		8435.1	2603.8	25.4	1066	293.1	307.3	321.5	449926.8	3.69	7.39	
85-2959	OZ®	157.2	116.51	0.625	56	45.8	48.3	50.9	4402.5	13.95	27.9	A2 (PZC 18)
		8453.4	2959.4	15.875	1422	223.5	236	248.5	601202.9	4.25	8.5	
85-2807	OZ®	157.5	110.51	0.75	50	51	53.7	56.4	3936.9	13.16	26.32	A2 (PZC 18)
		8466.5	2807	19.05	1270	248.9	262	275.2	537620.2	4.01	8.02	
85-3061	OZ®	157.5	120.51	0.562	60	43	45.5	48	4725.1	14.47	28.94	A2 (PZC 18)
		8467.8	3061	14.288	1524	210	222.1	234.2	645249.9	4.41	8.82	
86-2655	OZ®	159.1	104.51	0.938	43	58.1	61	63.8	3499.4	12.38	24.75	A2 (PZC 18)
		8551.8	2654.6	23.812	1117	283.7	297.7	311.6	477872.4	3.77	7.55	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	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)	ft ² /ft (m ² /m)	
86-2756	OZ [®]	159.4	108.51	0.812	48	53.6	56.3	59.1	3826.2	12.9	25.8	A2 (PZC 18)
		8571.2	2756.2	20.638	1219	261.6	275	288.4	522502	3.93	7.86	
88-2909	OZ [®]	162.9	114.51	0.688	53	48.9	51.5	54.1	4399.2	13.69	27.37	A2 (PZC 18)
		8759.9	2908.6	17.462	1371	238.6	251.3	264	600756.4	4.17	8.34	
90-2858	OZ [®]	167	112.51	0.75	52	51.8	54.4	57.1	4342.9	13.42	26.85	A2 (PZC 18)
		8980.4	2857.8	19.05	1320	252.8	265.7	278.7	593068.1	4.09	8.18	
91-2655	OZ [®]	168.6	104.51	1	43	61.3	64.2	67	3709.1	12.38	24.75	A2 (PZC 18)
		9064.2	2654.6	25.4	1117	299.5	313.4	327.3	506509.5	3.77	7.55	
91-2807	OZ [®]	169.6	110.51	0.812	50	54.5	57.2	59.9	4239.8	13.16	26.32	A2 (PZC 18)
		9117.8	2807	20.638	1270	266	279.2	292.4	578981.1	4.01	8.02	
92-2756	OZ [®]	170.7	108.51	0.875	48	57	59.7	62.5	4095.8	12.9	25.8	A2 (PZC 18)
		9175.2	2756.2	22.225	1219	278.3	291.7	305.1	559320.8	3.93	7.86	
92-2959	OZ [®]	172	116.51	0.688	56	49.5	52.1	54.7	4815.9	13.95	27.9	A2 (PZC 18)
		9247.2	2959.4	17.462	1422	241.9	254.4	266.9	657660.3	4.25	8.5	
94-3061	OZ [®]	174.1	120.51	0.625	60	46.9	49.4	51.9	5222.2	14.47	28.94	A2 (PZC 18)
		9358.8	3061	15.875	1524	229.1	241.2	253.3	713142.8	4.41	8.82	
95-2909	OZ [®]	176.8	114.51	0.75	53	52.6	55.2	57.8	4772.7	13.69	27.37	A2 (PZC 18)
		9503.6	2908.6	19.05	1371	256.6	269.3	282	651760.3	4.17	8.34	
97-2858	OZ [®]	180	112.51	0.812	52	55.4	58	60.7	4678.8	13.42	26.85	A2 (PZC 18)
		9675	2857.8	20.638	1320	270.4	283.3	296.2	638935.5	4.09	8.18	
98-2807	OZ [®]	181.6	110.51	0.875	50	58	60.7	63.4	4540.3	13.16	26.32	A2 (PZC 18)
		9764.1	2807	22.225	1270	283.2	296.3	309.5	620021.4	4.01	8.02	
98-2756	OZ [®]	181.8	108.51	0.938	48	60.4	63.2	65.9	4363.3	12.9	25.8	A2 (PZC 18)
		9774.3	2756.2	23.812	1219	294.9	308.3	321.8	595842.1	3.93	7.86	
100-2959	OZ [®]	186.7	116.51	0.75	56	53.3	55.9	58.4	5226.6	13.95	27.9	A2 (PZC 18)
		10035.7	2959.4	19.05	1422	260.3	272.7	285.2	713735.9	4.25	8.5	
102-2909	OZ [®]	190.5	114.51	0.812	53	56.2	58.8	61.4	5143.6	13.69	27.37	A2 (PZC 18)
		10242.1	2908.6	20.638	1371	274.5	287.2	299.9	702403.2	4.17	8.34	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
102-3061	OZ®	190.5	120.51	0.688	60	50.8	53.3	55.8	5716.2	14.47	28.94	A2 (PZC 18)
		10244.2	3061	17.462	1524	248.2	260.3	272.3	780604.4	4.41	8.82	
104-2858	OZ®	192.8	112.51	0.875	52	59	61.6	64.3	5012.2	13.42	26.85	A2 (PZC 18)
		10364.3	2857.8	22.225	1320	287.9	300.8	313.7	684460.1	4.09	8.18	
104-2756	OZ®	192.9	108.51	1	48	63.8	66.6	69.3	4628.5	12.9	25.8	A2 (PZC 18)
		10368.6	2756.2	25.4	1219	311.5	325	338.4	632067.2	3.93	7.86	
104-2807	OZ®	193.5	110.51	0.938	50	61.5	64.2	66.9	4838.5	13.16	26.32	A2 (PZC 18)
		10405.4	2807	23.812	1270	300.2	313.4	326.6	660744.6	4.01	8.02	
108-2959	OZ®	201.2	116.51	0.812	56	57.1	59.6	62.2	5634.4	13.95	27.9	A2 (PZC 18)
		10818.7	2959.4	20.638	1422	278.5	291	303.5	769422.9	4.25	8.5	
110-2909	OZ®	204.1	114.51	0.875	53	59.9	62.5	65.1	5511.8	13.69	27.37	A2 (PZC 18)
		10975.3	2908.6	22.225	1371	292.4	305.1	317.8	752685.1	4.17	8.34	
110-2807	OZ®	205.4	110.51	1	50	65	67.7	70.4	5134.4	13.16	26.32	A2 (PZC 18)
		11041.7	2807	25.4	1270	317.2	330.4	343.6	701149.7	4.01	8.02	
110-2858	OZ®	205.5	112.51	0.938	52	62.5	65.2	67.8	5343.1	13.42	26.85	A2 (PZC 18)
		11048.6	2857.8	23.812	1320	305.3	318.3	331.2	729652.2	4.09	8.18	
111-3061	OZ®	206.9	120.51	0.75	60	54.7	57.2	59.7	6207.1	14.47	28.94	A2 (PZC 18)
		11123.8	3061	19.05	1524	267.2	279.3	291.4	847634.8	4.41	8.82	
116-2959	OZ®	215.7	116.51	0.875	56	60.8	63.3	65.9	6039.4	13.95	27.9	A2 (PZC 18)
		11596.3	2959.4	22.225	1422	296.8	309.3	321.8	824728	4.25	8.5	
117-2909	OZ®	217.7	114.51	0.938	53	63.5	66.1	68.7	5877.4	13.69	27.37	A2 (PZC 18)
		11703.2	2908.6	23.812	1371	310.2	323	335.7	802606.1	4.17	8.34	
117-2858	OZ®	218.1	112.51	1	52	66.1	68.8	71.4	5671.6	13.42	26.85	A2 (PZC 18)
		11727.8	2857.8	25.4	1320	322.7	335.7	348.6	774502.5	4.09	8.18	
120-3061	OZ®	223.2	120.51	0.812	60	58.6	61.1	63.6	6694.8	14.47	28.94	A2 (PZC 18)
		11997.8	3061	20.638	1524	286.2	298.3	310.3	914233.9	4.41	8.82	
124-2959	OZ®	230.1	116.51	0.938	56	64.5	67.1	69.6	6441.6	13.95	27.9	A2 (PZC 18)
		12368.6	2959.4	23.812	1422	315	327.5	340	879654.7	4.25	8.5	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
124-2909	OZ®	231.1	114.51	1	53	67.2	69.8	72.4	6240.3	13.69	27.37	A2 (PZC 18)
		12425.9	2908.6	25.4	1371	328	340.8	353.5	852171.5	4.17	8.34	
129-3061	OZ®	239.3	120.51	0.875	60	62.5	65	67.4	7179.4	14.47	28.94	A2 (PZC 18)
		12866.3	3061	22.225	1524	305.1	317.2	329.3	980411.6	4.41	8.82	
131-2959	OZ®	244.3	116.51	1	56	68.2	70.8	73.4	6841	13.95	27.9	A2 (PZC 18)
		13135.5	2959.4	25.4	1422	333.2	345.7	358.1	934199.5	4.25	8.5	
137-3061	OZ®	255.4	120.51	0.938	60	66.4	68.8	71.3	7660.9	14.47	28.94	A2 (PZC 18)
		13729.2	3061	23.812	1524	324	336.1	348.2	1046161.4	4.41	8.82	
146-3061	OZ®	271.3	120.51	1	60	70.2	72.7	75.2	8139.3	14.47	28.94	A2 (PZC 18)
		14586.5	3061	25.4	1524	342.9	355	367.1	1111489.7	4.41	8.82	

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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						

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