

ASTM Seamless Carbon Steel Pipe Product Catalog (Detailed, Full Grades)

This catalog covers at least 8 common ASTM seamless carbon steel pipe grades (A106, A53, A333, A335, A192, A210, A234, A589) with detailed information on outside diameter, wall thickness, length, weight per piece, material standard, tolerance, surface treatment, and application.

No.	Product Model	Outer Diameter (mm)	Wall Thickness (mm)	Length (m)	Weight per Piece (kg)	Material Grade	Tolerance	Surface Treatment	Application	Remarks
1	ASTM A106 Grade A - 25×3.5×6000	25	3.5	6000	1418.43	A106 Grade A	±1%	Oiled for Rust Protection	High-Temperature Transport	
2	ASTM A106 Grade A - 32×4×6000	32	4	6000	2111.15	A106 Grade A	±1%	Oiled for Rust Protection	High-Temperature Transport	
3	ASTM A106 Grade A - 40×4.5×6000	40	4.5	6000	3011.22	A106 Grade A	±1%	Oiled for Rust Protection	High-Temperature Transport	
4	ASTM A106 Grade A - 50×5×6000	50	5	6000	4241.15	A106 Grade A	±1%	Oiled for Rust Protection	High-Temperature Transport	
5	ASTM A106 Grade A - 60×6×6000	60	6	6000	6107.26	A106 Grade A	±1%	Oiled for Rust Protection	High-Temperature Transport	

		60×6×60 00						tion	t
6	ASTM A106 Grade A - 76×8×60 00	76	8	600 0	1025 4.16	A106 Grad e A	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
7	ASTM A106 Grade A - 89×9×60 00	89	9	600 0	1357 1.68	A106 Grad e A	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
8	ASTM A106 Grade A - 108×10× 6000	108	10	600 0	1847 2.56	A106 Grad e A	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
9	ASTM A106 Grade A - 133×12× 6000	133	12	600 0	2736 9.56	A106 Grad e A	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
10	ASTM A106 Grade A - 159×14× 6000	159	14	600 0	3826 4.6	A106 Grad e A	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
11	ASTM A106 Grade A - 219×16× 6000	219	16	600 0	6122 3.36	A106 Grad e A	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t

1 2	ASTM A106 Grade A - 273×18× 6000	273	18	600 0	8651 9.46	A106 Grade A	±1%	Oiled for Rust Protection	High- Temperature Transport
1 3	ASTM A106 Grade B - 25×3.5× 6000	25	3.5	600 0	1418. 43	A106 Grade B	±1%	Oiled for Rust Protection	High- Temperature Transport
1 4	ASTM A106 Grade B - 32×4×60 00	32	4	600 0	2111. 15	A106 Grade B	±1%	Oiled for Rust Protection	High- Temperature Transport
1 5	ASTM A106 Grade B - 40×4.5× 6000	40	4.5	600 0	3011. 22	A106 Grade B	±1%	Oiled for Rust Protection	High- Temperature Transport
1 6	ASTM A106 Grade B - 50×5×60 00	50	5	600 0	4241. 15	A106 Grade B	±1%	Oiled for Rust Protection	High- Temperature Transport
1 7	ASTM A106 Grade B - 60×6×60 00	60	6	600 0	6107. 26	A106 Grade B	±1%	Oiled for Rust Protection	High- Temperature Transport
1 8	ASTM A106 Grade B	76	8	600 0	1025 4.16	A106 Grade B	±1%	Oiled for Rust	High- Temperature

	- 76×8×60 00					e B		Protec tion	Transpor t
1 9	ASTM A106 Grade B - 89×9×60 00	89	9	600 0	1357 1.68	A106 Grad e B	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
2 0	ASTM A106 Grade B - 108×10× 6000	108	10	600 0	1847 2.56	A106 Grad e B	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
2 1	ASTM A106 Grade B - 133×12× 6000	133	12	600 0	2736 9.56	A106 Grad e B	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
2 2	ASTM A106 Grade B - 159×14× 6000	159	14	600 0	3826 4.6	A106 Grad e B	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
2 3	ASTM A106 Grade B - 219×16× 6000	219	16	600 0	6122 3.36	A106 Grad e B	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
2 4	ASTM A106 Grade B - 273×18×	273	18	600 0	8651 9.46	A106 Grad e B	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t

	6000								
25	ASTM A106 Grade C - 25×3.5×6000	3.5		6000	1418.43	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
32	ASTM A106 Grade C - 32×4×6000	4		6000	2111.15	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
40	ASTM A106 Grade C - 40×4.5×6000	4.5		6000	3011.22	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
50	ASTM A106 Grade C - 50×5×6000	5		6000	4241.15	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
60	ASTM A106 Grade C - 60×6×6000	6		6000	6107.26	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
76	ASTM A106 Grade C - 76×8×6000	8		6000	10254.16	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
89	ASTM A106 Grade C - 89×9×6000	9		6000	13571.68	A106 Grade C	±1%	Oiled for Rust Protection	High-Temperature Transport
108	ASTM A106	10		6000	1847	A106 Grad	±1%	Oiled for	High-Tempera

2	Grade C - 108×10× 6000			0	2.56	e C		Rust Protec tion	ture Transpor t
3 3	ASTM A106 Grade C - 133×12× 6000	133	12	600 0	2736 9.56	A106 Grad e C	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
3 4	ASTM A106 Grade C - 159×14× 6000	159	14	600 0	3826 4.6	A106 Grad e C	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
3 5	ASTM A106 Grade C - 219×16× 6000	219	16	600 0	6122 3.36	A106 Grad e C	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
3 6	ASTM A106 Grade C - 273×18× 6000	273	18	600 0	8651 9.46	A106 Grad e C	±1%	Oiled for Rust Protec tion	High- Tempera ture Transpor t
3 7	ASTM A53 Grade A - 25×3.5× 6000	25	3.5	600 0	1418. 43	A53 Grad e A	±1%	Oiled for Rust Protec tion	Structur al Use
3 8	ASTM A53 Grade A - 32×4×60 00	32	4	600 0	2111. 15	A53 Grad e A	±1%	Oiled for Rust Protec tion	Structur al Use
3 9	ASTM A53 Grade A	40	4.5	600 0	3011. 22	A53 Grad e A	±1%	Oiled for Rust	Structur al Use

	-							Protec	
	40×4.5×							tion	
	6000								
4	ASTM	50	5	600	4241.	A53	±1%	Oiled	Structur
0	A53			0	15	Grad		for	al Use
	Grade A					e A		Rust	
	-							Protec	
	50×5×60							tion	
	00								
4	ASTM	60	6	600	6107.	A53	±1%	Oiled	Structur
1	A53			0	26	Grad		for	al Use
	Grade A					e A		Rust	
	-							Protec	
	60×6×60							tion	
	00								
4	ASTM	76	8	600	1025	A53	±1%	Oiled	Structur
2	A53			0	4.16	Grad		for	al Use
	Grade A					e A		Rust	
	-							Protec	
	76×8×60							tion	
	00								
4	ASTM	89	9	600	1357	A53	±1%	Oiled	Structur
3	A53			0	1.68	Grad		for	al Use
	Grade A					e A		Rust	
	-							Protec	
	89×9×60							tion	
	00								
4	ASTM	108	10	600	1847	A53	±1%	Oiled	Structur
4	A53			0	2.56	Grad		for	al Use
	Grade A					e A		Rust	
	-							Protec	
	108×10×							tion	
	6000								
4	ASTM	133	12	600	2736	A53	±1%	Oiled	Structur
5	A53			0	9.56	Grad		for	al Use
	Grade A					e A		Rust	
	-							Protec	
	133×12×							tion	

		6000							
4 6	ASTM A53 Grade A - 159×14× 6000	159	14	600 0	3826 4.6	A53 Grade A	±1%	Oiled for Rust Protection	Structural Use
4 7	ASTM A53 Grade A - 219×16× 6000	219	16	600 0	6122 3.36	A53 Grade A	±1%	Oiled for Rust Protection	Structural Use
4 8	ASTM A53 Grade A - 273×18× 6000	273	18	600 0	8651 9.46	A53 Grade A	±1%	Oiled for Rust Protection	Structural Use
4 9	ASTM A53 Grade B - 25×3.5× 6000	25	3.5	600 0	1418. 43	A53 Grade B	±1%	Oiled for Rust Protection	Structural Use
5 0	ASTM A53 Grade B - 32×4×60 00	32	4	600 0	2111. 15	A53 Grade B	±1%	Oiled for Rust Protection	Structural Use
5 1	ASTM A53 Grade B - 40×4.5× 6000	40	4.5	600 0	3011. 22	A53 Grade B	±1%	Oiled for Rust Protection	Structural Use
5	ASTM	50	5	600	4241.	A53	±1%	Oiled	Structural

2	A53 Grade B - 50×5×60 00			0	15	Grade B		for Rust Protection	al Use
5 3	ASTM A53 Grade B - 60×6×60 00	60	6	600 0	6107. 26	A53 Grade B	±1%	Oiled for Rust Protection	Structur al Use
5 4	ASTM A53 Grade B - 76×8×60 00	76	8	600 0	1025 4.16	A53 Grade B	±1%	Oiled for Rust Protection	Structur al Use
5 5	ASTM A53 Grade B - 89×9×60 00	89	9	600 0	1357 1.68	A53 Grade B	±1%	Oiled for Rust Protection	Structur al Use
5 6	ASTM A53 Grade B - 108×10× 6000	108	10	600 0	1847 2.56	A53 Grade B	±1%	Oiled for Rust Protection	Structur al Use
5 7	ASTM A53 Grade B - 133×12× 6000	133	12	600 0	2736 9.56	A53 Grade B	±1%	Oiled for Rust Protection	Structur al Use
5 8	ASTM A53 Grade B -	159	14	600 0	3826 4.6	A53 Grade B	±1%	Oiled for Rust Protection	Structur al Use

		159×14× 6000							tion
5 9	ASTM A53 Grade B - 219×16× 6000	219	16	600 0	6122 3.36	A53 Grad e B	±1%	Oiled for Rust Protec tion	Structur al Use
6 0	ASTM A53 Grade B - 273×18× 6000	273	18	600 0	8651 9.46	A53 Grad e B	±1%	Oiled for Rust Protec tion	Structur al Use
6 1	ASTM A333 Grade 1 - 25×3.5× 6000	25	3.5	600 0	1418. 43	A333 Grad e 1	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
6 2	ASTM A333 Grade 1 - 32×4×60 00	32	4	600 0	2111. 15	A333 Grad e 1	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
6 3	ASTM A333 Grade 1 - 40×4.5× 6000	40	4.5	600 0	3011. 22	A333 Grad e 1	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
6 4	ASTM A333 Grade 1 - 50×5×60 00	50	5	600 0	4241. 15	A333 Grad e 1	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
6 5	ASTM A333 Grade 1 - 60×6×60	60	6	600 0	6107. 26	A333 Grad e 1	±1%	Oiled for Rust Protec	Low- Tempera ture Equipme

	00							tion	nt
66	ASTM A333 Grade 1 - 76×8×6000	76	8	6000	10254.16	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
67	ASTM A333 Grade 1 - 89×9×6000	89	9	6000	13571.68	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
68	ASTM A333 Grade 1 - 108×10×6000	108	10	6000	18472.56	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
69	ASTM A333 Grade 1 - 133×12×6000	133	12	6000	27369.56	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
70	ASTM A333 Grade 1 - 159×14×6000	159	14	6000	38264.6	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
71	ASTM A333 Grade 1 - 219×16×6000	219	16	6000	61223.36	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
72	ASTM A333 Grade 1 - 273×18×6000	273	18	6000	86519.46	A333 Grade 1	±1%	Oiled for Rust Protection	Low-Temperature Equipment
7	ASTM A333	25	3.5	600	1418.	A333 Grad	±1%	Oiled for	Low-Tempera

3	Grade 6 - 25×3.5× 6000			0	43	e 6		Rust Protec tion	ture Equipme nt
7 4	ASTM A333 Grade 6 - 32×4×60 00	32	4	600 0	2111. 15	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
7 5	ASTM A333 Grade 6 - 40×4.5× 6000	40	4.5	600 0	3011. 22	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
7 6	ASTM A333 Grade 6 - 50×5×60 00	50	5	600 0	4241. 15	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
7 7	ASTM A333 Grade 6 - 60×6×60 00	60	6	600 0	6107. 26	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
7 8	ASTM A333 Grade 6 - 76×8×60 00	76	8	600 0	1025 4.16	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
7 9	ASTM A333 Grade 6 - 89×9×60 00	89	9	600 0	1357 1.68	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt
8 0	ASTM A333 Grade 6 - 108×10× 6000	108	10	600 0	1847 2.56	A333 Grad e 6	±1%	Oiled for Rust Protec tion	Low- Tempera ture Equipme nt

8 1	ASTM A333 Grade 6 - 133×12× 6000	133	12	600 0	2736 9.56	A333 Grade 6	±1%	Oiled for Rust Protection	Low- Tempera ture Equipme nt
8 2	ASTM A333 Grade 6 - 159×14× 6000	159	14	600 0	3826 4.6	A333 Grade 6	±1%	Oiled for Rust Protection	Low- Tempera ture Equipme nt
8 3	ASTM A333 Grade 6 - 219×16× 6000	219	16	600 0	6122 3.36	A333 Grade 6	±1%	Oiled for Rust Protection	Low- Tempera ture Equipme nt
8 4	ASTM A333 Grade 6 - 273×18× 6000	273	18	600 0	8651 9.46	A333 Grade 6	±1%	Oiled for Rust Protection	Low- Tempera ture Equipme nt
8 5	ASTM A335 P1 - 25×3.5× 6000	25	3.5	600 0	1418. 43	A335 P1	±1%	Oiled for Rust Protection	High- Pressure Boilers
8 6	ASTM A335 P1 - 32×4×60 00	32	4	600 0	2111. 15	A335 P1	±1%	Oiled for Rust Protection	High- Pressure Boilers
8 7	ASTM A335 P1 - 40×4.5× 6000	40	4.5	600 0	3011. 22	A335 P1	±1%	Oiled for Rust Protection	High- Pressure Boilers
8 8	ASTM A335 P1 -	50	5	600 0	4241. 15	A335 P1	±1%	Oiled for Rust	High- Pressure Boilers

	50×5×60 00							Protec tion	
8 9	ASTM A335 P1 - 60×6×60 00	60	6	600 0	6107. 26	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
9 0	ASTM A335 P1 - 76×8×60 00	76	8	600 0	1025 4.16	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
9 1	ASTM A335 P1 - 89×9×60 00	89	9	600 0	1357 1.68	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
9 2	ASTM A335 P1 - 108×10× 6000	108	10	600 0	1847 2.56	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
9 3	ASTM A335 P1 - 133×12× 6000	133	12	600 0	2736 9.56	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
9 4	ASTM A335 P1 - 159×14× 6000	159	14	600 0	3826 4.6	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
9 5	ASTM A335 P1 - 219×16× 6000	219	16	600 0	6122 3.36	A335 P1	±1%	Oiled for Rust Protec tion	High- Pressure Boilers

96	ASTM A335 P1 - 273×18×6000	273	18	6000	86519.46	A335 P1	±1%	Oiled for Rust Protection	High-Pressure Boilers
97	ASTM A335 P5 - 25×3.5×6000	25	3.5	6000	1418.43	A335 P5	±1%	Oiled for Rust Protection	High-Pressure Boilers
98	ASTM A335 P5 - 32×4×6000	32	4	6000	2111.15	A335 P5	±1%	Oiled for Rust Protection	High-Pressure Boilers
99	ASTM A335 P5 - 40×4.5×6000	40	4.5	6000	3011.22	A335 P5	±1%	Oiled for Rust Protection	High-Pressure Boilers
100	ASTM A335 P5 - 50×5×6000	50	5	6000	4241.15	A335 P5	±1%	Oiled for Rust Protection	High-Pressure Boilers
101	ASTM A335 P5 - 60×6×6000	60	6	6000	6107.26	A335 P5	±1%	Oiled for Rust Protection	High-Pressure Boilers
102	ASTM A335 P5 - 76×8×6000	76	8	6000	10254.16	A335 P5	±1%	Oiled for Rust Protection	High-Pressure Boilers
103	ASTM A335 P5 -	89	9	6000	13571.68	A335 P5	±1%	Oiled for Rust	High-Pressure Boilers

		89×9×60 00						Protec tion	
1 0 4	ASTM A335 P5 -	108	10	600 0	1847 2.56	A335 P5	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	108×10× 6000								
1 0 5	ASTM A335 P5 -	133	12	600 0	2736 9.56	A335 P5	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	133×12× 6000								
1 0 6	ASTM A335 P5 -	159	14	600 0	3826 4.6	A335 P5	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	159×14× 6000								
1 0 7	ASTM A335 P5 -	219	16	600 0	6122 3.36	A335 P5	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	219×16× 6000								
1 0 8	ASTM A335 P5 -	273	18	600 0	8651 9.46	A335 P5	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	273×18× 6000								
1 0 9	ASTM A335 P9 -	25	3.5	600 0	1418. 43	A335 P9	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	25×3.5× 6000								
1 1 0	ASTM A335 P9 -	32	4	600 0	2111. 15	A335 P9	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
	32×4×60 00								

	159×14× 6000							Protec tion	
1 1 9	ASTM A335 P9 - 219×16× 6000	219	16	600 0	6122 3.36	A335 P9	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 2 0	ASTM A335 P9 - 273×18× 6000	273	18	600 0	8651 9.46	A335 P9	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 2 1	ASTM A335 P11 - 25×3.5× 6000	25	3.5	600 0	1418. 43	A335 P11	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 2 2	ASTM A335 P11 - 32×4×60 00	32	4	600 0	2111. 15	A335 P11	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 2 3	ASTM A335 P11 - 40×4.5× 6000	40	4.5	600 0	3011. 22	A335 P11	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 2 4	ASTM A335 P11 - 50×5×60 00	50	5	600 0	4241. 15	A335 P11	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 2 5	ASTM A335 P11 - 60×6×60 00	60	6	600 0	6107. 26	A335 P11	±1%	Oiled for Rust Protec tion	High- Pressure Boilers

141	ASTM A335 P22 - 133×12×6000	133	12	6000	2736	A335 P22	±1%	Oiled for Rust Protection	High-Pressure Boilers
142	ASTM A335 P22 - 159×14×6000	159	14	6000	3826	A335 P22	±1%	Oiled for Rust Protection	High-Pressure Boilers
143	ASTM A335 P22 - 219×16×6000	219	16	6000	6122	A335 P22	±1%	Oiled for Rust Protection	High-Pressure Boilers
144	ASTM A335 P22 - 273×18×6000	273	18	6000	8651	A335 P22	±1%	Oiled for Rust Protection	High-Pressure Boilers
145	ASTM A335 P91 - 25×3.5×6000	25	3.5	6000	1418.43	A335 P91	±1%	Oiled for Rust Protection	High-Pressure Boilers
146	ASTM A335 P91 - 32×4×6000	32	4	6000	2111.15	A335 P91	±1%	Oiled for Rust Protection	High-Pressure Boilers
147	ASTM A335 P91 - 40×4.5×6000	40	4.5	6000	3011.22	A335 P91	±1%	Oiled for Rust Protection	High-Pressure Boilers
148	ASTM A335 P91 -	50	5	6000	4241.15	A335 P91	±1%	Oiled for Rust	High-Pressure Boilers

		50×5×60 00						Protec tion	
1 4 9	ASTM A335 P91 - 60×6×60 00	60	6	600 0	6107. 26	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 5 0	ASTM A335 P91 - 76×8×60 00	76	8	600 0	1025 4.16	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 5 1	ASTM A335 P91 - 89×9×60 00	89	9	600 0	1357 1.68	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 5 2	ASTM A335 P91 - 108×10× 6000	108	10	600 0	1847 2.56	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 5 3	ASTM A335 P91 - 133×12× 6000	133	12	600 0	2736 9.56	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 5 4	ASTM A335 P91 - 159×14× 6000	159	14	600 0	3826 4.6	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers
1 5 5	ASTM A335 P91 - 219×16× 6000	219	16	600 0	6122 3.36	A335 P91	±1%	Oiled for Rust Protec tion	High- Pressure Boilers

156	ASTM A335 P91 - 273×18×6000	273	18	6000	86519.46	A335 P91	±1%	Oiled for Rust Protection	High-Pressure Boilers
157	ASTM A192 Standard - 25×3.5×6000	25	3.5	6000	1418.43	A192 Standard	±1%	Oiled for Rust Protection	Fluid Transport
158	ASTM A192 Standard - 32×4×6000	32	4	6000	2111.15	A192 Standard	±1%	Oiled for Rust Protection	Fluid Transport
159	ASTM A192 Standard - 40×4.5×6000	40	4.5	6000	3011.22	A192 Standard	±1%	Oiled for Rust Protection	Fluid Transport
160	ASTM A192 Standard - 50×5×6000	50	5	6000	4241.15	A192 Standard	±1%	Oiled for Rust Protection	Fluid Transport
161	ASTM A192 Standard - 60×6×6000	60	6	6000	6107.26	A192 Standard	±1%	Oiled for Rust Protection	Fluid Transport
162	ASTM A192 Standard - 76	76	8	6000	10254.16	A192 Standard	±1%	Oiled for Rust Protection	Fluid Transport

		76×8×60 00							tion
1 6 3	ASTM A192 Standard -	89	9	600 0	1357 1.68	A192 Stand ard	±1%	Oiled for Rust Protec tion	Fluid Transpor t
		89×9×60 00							
1 6 4	ASTM A192 Standard -	108	10	600 0	1847 2.56	A192 Stand ard	±1%	Oiled for Rust Protec tion	Fluid Transpor t
		108×10× 6000							
1 6 5	ASTM A192 Standard -	133	12	600 0	2736 9.56	A192 Stand ard	±1%	Oiled for Rust Protec tion	Fluid Transpor t
		133×12× 6000							
1 6 6	ASTM A192 Standard -	159	14	600 0	3826 4.6	A192 Stand ard	±1%	Oiled for Rust Protec tion	Fluid Transpor t
		159×14× 6000							
1 6 7	ASTM A192 Standard -	219	16	600 0	6122 3.36	A192 Stand ard	±1%	Oiled for Rust Protec tion	Fluid Transpor t
		219×16× 6000							
1 6 8	ASTM A192 Standard -	273	18	600 0	8651 9.46	A192 Stand ard	±1%	Oiled for Rust Protec tion	Fluid Transpor t
		273×18× 6000							

1 6 9	ASTM A210 Grade A - 25×3.5× 6000	25	3.5	600 0	1418. 43	A210 Grade A	±1%	Oiled for Rust Protection	Boiler Use
1 7 0	ASTM A210 Grade A - 32×4×60 00	32	4	600 0	2111. 15	A210 Grade A	±1%	Oiled for Rust Protection	Boiler Use
1 7 1	ASTM A210 Grade A - 40×4.5× 6000	40	4.5	600 0	3011. 22	A210 Grade A	±1%	Oiled for Rust Protection	Boiler Use
1 7 2	ASTM A210 Grade A - 50×5×60 00	50	5	600 0	4241. 15	A210 Grade A	±1%	Oiled for Rust Protection	Boiler Use
1 7 3	ASTM A210 Grade A - 60×6×60 00	60	6	600 0	6107. 26	A210 Grade A	±1%	Oiled for Rust Protection	Boiler Use
1 7 4	ASTM A210 Grade A - 76×8×60 00	76	8	600 0	1025 4.16	A210 Grade A	±1%	Oiled for Rust Protection	Boiler Use
1 7	ASTM A210 Grade A	89	9	600 0	1357 1.68	A210 Grade A	±1%	Oiled for Rust	Boiler Use

5	-					e A		Protec	
	89×9×60							tion	
	00								
1	ASTM	108	10	600	1847	A210	±1%	Oiled	Boiler
7	A210			0	2.56	Grad		for	Use
6	Grade A					e A		Rust	
	-							Protec	
	108×10×							tion	
	6000								
1	ASTM	133	12	600	2736	A210	±1%	Oiled	Boiler
7	A210			0	9.56	Grad		for	Use
7	Grade A					e A		Rust	
	-							Protec	
	133×12×							tion	
	6000								
1	ASTM	159	14	600	3826	A210	±1%	Oiled	Boiler
7	A210			0	4.6	Grad		for	Use
8	Grade A					e A		Rust	
	-							Protec	
	159×14×							tion	
	6000								
1	ASTM	219	16	600	6122	A210	±1%	Oiled	Boiler
7	A210			0	3.36	Grad		for	Use
9	Grade A					e A		Rust	
	-							Protec	
	219×16×							tion	
	6000								
1	ASTM	273	18	600	8651	A210	±1%	Oiled	Boiler
8	A210			0	9.46	Grad		for	Use
0	Grade A					e A		Rust	
	-							Protec	
	273×18×							tion	
	6000								
1	ASTM	25	3.5	600	1418.	A234	±1%	Oiled	Fittings
8	A234			0	43	WPB		for	Manufact
1	WPB -							Rust	uring
	25×3.5×							Protec	
	6000							tion	

		133×12× 6000						Protec tion	
1 9 0	ASTM A234 WPB - 159×14× 6000	159	14	600 0	3826 4.6	A234 WPB	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 1	ASTM A234 WPB - 219×16× 6000	219	16	600 0	6122 3.36	A234 WPB	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 2	ASTM A234 WPB - 273×18× 6000	273	18	600 0	8651 9.46	A234 WPB	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 3	ASTM A234 WPC - 25×3.5× 6000	25	3.5	600 0	1418. 43	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 4	ASTM A234 WPC - 32×4×60 00	32	4	600 0	2111. 15	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 5	ASTM A234 WPC - 40×4.5× 6000	40	4.5	600 0	3011. 22	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 6	ASTM A234 WPC - 50×5×60 00	50	5	600 0	4241. 15	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring

1 9 7	ASTM A234 WPC - 60×6×60 00	60	6	600 0	6107. 26	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 8	ASTM A234 WPC - 76×8×60 00	76	8	600 0	1025 4.16	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
1 9 9	ASTM A234 WPC - 89×9×60 00	89	9	600 0	1357 1.68	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
2 0 0	ASTM A234 WPC - 108×10× 6000	108	10	600 0	1847 2.56	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
2 0 1	ASTM A234 WPC - 133×12× 6000	133	12	600 0	2736 9.56	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
2 0 2	ASTM A234 WPC - 159×14× 6000	159	14	600 0	3826 4.6	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
2 0 3	ASTM A234 WPC - 219×16× 6000	219	16	600 0	6122 3.36	A234 WPC	±1%	Oiled for Rust Protec tion	Fittings Manufact uring
2 0 4	ASTM A234 WPC -	273	18	600 0	8651 9.46	A234 WPC	±1%	Oiled for Rust	Fittings Manufact uring

		273×18× 6000						Protec tion	
2 0 5	ASTM A589 Grade A -	25	3.5	600 0	1418. 43	A589 Grad e A	±1%	Oiled for Rust Protec tion	Petroche mical
	25×3.5× 6000								
2 0 6	ASTM A589 Grade A -	32	4	600 0	2111. 15	A589 Grad e A	±1%	Oiled for Rust Protec tion	Petroche mical
	32×4×60 00								
2 0 7	ASTM A589 Grade A -	40	4.5	600 0	3011. 22	A589 Grad e A	±1%	Oiled for Rust Protec tion	Petroche mical
	40×4.5× 6000								
2 0 8	ASTM A589 Grade A -	50	5	600 0	4241. 15	A589 Grad e A	±1%	Oiled for Rust Protec tion	Petroche mical
	50×5×60 00								
2 0 9	ASTM A589 Grade A -	60	6	600 0	6107. 26	A589 Grad e A	±1%	Oiled for Rust Protec tion	Petroche mical
	60×6×60 00								
2 1 0	ASTM A589 Grade A -	76	8	600 0	1025 4.16	A589 Grad e A	±1%	Oiled for Rust Protec tion	Petroche mical
	76×8×60 00								

2 1 1	ASTM A589 Grade A - 89×9×60 00	89	9	600 0	1357 1.68	A589 Grade A	±1%	Oiled for Rust Protection	Petroche mical
2 1 2	ASTM A589 Grade A - 108×10× 6000	108	10	600 0	1847 2.56	A589 Grade A	±1%	Oiled for Rust Protection	Petroche mical
2 1 3	ASTM A589 Grade A - 133×12× 6000	133	12	600 0	2736 9.56	A589 Grade A	±1%	Oiled for Rust Protection	Petroche mical
2 1 4	ASTM A589 Grade A - 159×14× 6000	159	14	600 0	3826 4.6	A589 Grade A	±1%	Oiled for Rust Protection	Petroche mical
2 1 5	ASTM A589 Grade A - 219×16× 6000	219	16	600 0	6122 3.36	A589 Grade A	±1%	Oiled for Rust Protection	Petroche mical
2 1 6	ASTM A589 Grade A - 273×18× 6000	273	18	600 0	8651 9.46	A589 Grade A	±1%	Oiled for Rust Protection	Petroche mical
2 1	ASTM A589 Grade B	25	3.5	600 0	1418. 43	A589 Grade	±1%	Oiled for Rust	Petroche mical

7	-					e B		Protec	
	25×3.5×							tion	
	6000								
2	ASTM	32	4	600	2111.	A589	±1%	Oiled	Petroche
1	A589			0	15	Grad		for	mical
8	Grade B					e B		Rust	
	-							Protec	
	32×4×60							tion	
	00								
2	ASTM	40	4.5	600	3011.	A589	±1%	Oiled	Petroche
1	A589			0	22	Grad		for	mical
9	Grade B					e B		Rust	
	-							Protec	
	40×4.5×							tion	
	6000								
2	ASTM	50	5	600	4241.	A589	±1%	Oiled	Petroche
2	A589			0	15	Grad		for	mical
0	Grade B					e B		Rust	
	-							Protec	
	50×5×60							tion	
	00								
2	ASTM	60	6	600	6107.	A589	±1%	Oiled	Petroche
2	A589			0	26	Grad		for	mical
1	Grade B					e B		Rust	
	-							Protec	
	60×6×60							tion	
	00								
2	ASTM	76	8	600	1025	A589	±1%	Oiled	Petroche
2	A589			0	4.16	Grad		for	mical
2	Grade B					e B		Rust	
	-							Protec	
	76×8×60							tion	
	00								
2	ASTM	89	9	600	1357	A589	±1%	Oiled	Petroche
2	A589			0	1.68	Grad		for	mical
3	Grade B					e B		Rust	
	-							Protec	
	89×9×60							tion	

00

2	ASTM	108	10	600	1847	A589	±1%	Oiled	Petroche
2	A589			0	2.56	Grad		for	mical
4	Grade B					e B		Rust	
	-							Protec	
	108×10×							tion	
	6000								
2	ASTM	133	12	600	2736	A589	±1%	Oiled	Petroche
2	A589			0	9.56	Grad		for	mical
5	Grade B					e B		Rust	
	-							Protec	
	133×12×							tion	
	6000								
2	ASTM	159	14	600	3826	A589	±1%	Oiled	Petroche
2	A589			0	4.6	Grad		for	mical
6	Grade B					e B		Rust	
	-							Protec	
	159×14×							tion	
	6000								
2	ASTM	219	16	600	6122	A589	±1%	Oiled	Petroche
2	A589			0	3.36	Grad		for	mical
7	Grade B					e B		Rust	
	-							Protec	
	219×16×							tion	
	6000								
2	ASTM	273	18	600	8651	A589	±1%	Oiled	Petroche
2	A589			0	9.46	Grad		for	mical
8	Grade B					e B		Rust	
	-							Protec	
	273×18×							tion	
	6000								