

GRINNELL Mechanical Products Stainless Steel Pipe per EN10217-7 316 Ti and EN10217-7 304L Design Data Pressure Rating

Nominal Pipe Size ANSI Inches DN	Pipe O.D. mm	Pipe Wall Thk. mm	Pressure Rating bar							
			Figure 705 Flexible Coupling	Figure 707 Heavy Duty Flexible Coupling	Figure 716 ^a Flexible Reducing Coupling	Figure 71 Flange Adapter	Figure 772 Rigid Coupling	Figure 774 ^b Rigid Coupling	Figure 405 Flexible Coupling	Figure 472 Rigid Coupling
1 25	33,7	2,0	34	52	N/A	N/A	N/A	34	52	N/A
		2,8	34	52				34	52	
		3,4	34	52				34	52	
1-1/4 32	42,4	2,0	34	52	N/A	N/A	52	34	52	52
		2,8	34	52			52	34	52	52
		3,6	34	52			52	34	52	52
1-1/2 40	48,3	2,0	34	45	N/A	N/A	45	34	45	45
		2,8	34	45			52	34	45	52
		3,7	34	52			52	34	52	52
2 50	60,3	2,0	28	28	N/A	21	28	28	28	28
		2,8	34	34		21	52	34	34	52
		3,9	34	52		21	52	34	34	52
— 65	76,1	2,0	28	28	28	21	28	28	28	28
		3,0	28	34	28	21	34	28	34	34
		5,2	34	52	34	21	52	34	34	41
3 80	88,9	2,0	28	28	28	21	28	28	28	28
		3,0	28	34	28	21	34	28	34	34
		5,5	34	52	34	21	52	34	34	41
4 100	114,3	2,0	25	25	25	21	25	25	25	25
		3,0	28	34	28	21	34	28	28	28
		6,0	34	52	34	21	52	34	34	41
5 125	139,7	2,8	21	21	21	21	21	21	21	21
		3,4	24	34	24	21	34	24	24	24
		6,4	31	45	31	21	45	31	31	41

Notes:

- a. Figure 716 Maximum Working Pressure based on larger pipe connection nominal pipe size. Use only grooving machine rollers designed for stainless steel pipe.
b. Figure 774 is available in Europe, Middle East, and Africa only. Use only grooving machine rollers designed for stainless steel pipe.

**TABLE A (1 OF 2)
GRINNELL COUPLING MAXIMUM WORKING PRESSURE RATINGS
GROOVED STAINLESS STEEL PIPE PER EN10217-7 316 TI**

IMPORTANT

Refer to Technical Data Sheet
G1100 for warnings pertaining to
regulatory and health information.

Nominal Pipe Size ANSI Inches DN	Pipe O.D. mm	Pipe Wall Thk. mm	Pressure Rating bar							
			Figure 705 Flexible Coupling	Figure 707 Heavy Duty Flexible Coupling	Figure 716 ^a Flexible Reducing Coupling	Figure 71 Flange Adapter	Figure 772 Rigid Coupling	Figure 774 ^b Rigid Coupling	Figure 405 Flexible Coupling	Figure 472 Rigid Coupling
6 150	165,1	2,8	21	34	21	21	34	21	21	34
		3,4	21	34	21	21	34	21	21	34
		7,1	21	34	21	21	34	21	31	41
6 150	168,3	2,8	21	34	21	21	34	21	21	34
		3,4	21	34	21	21	34	21	21	34
		7,1	21	34	21	21	34	34	31	41
8 200	219,1	2,8	10	10	10	10	20	10	10	20
		3,8	14	21	14	14	21	14	14	21
		8,2	21	28	21	21	21	21	31	41
10 250	273,0	3,8	N/A	N/A	N/A	N/A	20	N/A	N/A	20
		4,2	5	9		5	21	5		21
		9,3	21	21		21	31	16		41
12 300	323,9	3,8	N/A	N/A	N/A	N/A	20	N/A	N/A	20
		4,6	N/A	N/A		N/A	20	N/A		20
		9,5	17	21		17	28	12		41

Notes:

a. Figure 716 Maximum Working Pressure based on larger pipe connection nominal pipe size. Use only grooving machine rollers designed for stainless steel pipe.

b. Figure 774 is available in Europe, Middle East, and Africa only. Use only grooving machine rollers designed for stainless steel pipe.

TABLE A (2 OF 2)
GRINNELL COUPLING MAXIMUM WORKING PRESSURE RATINGS
GROOVED STAINLESS STEEL PIPE PER EN10217-7 316 TI

Nominal Pipe Size ANSI Inches DN	Pipe O.D. mm	Pipe Wall Thk. mm	Pressure Rating bar
			Figure 772 Rigid Coupling
5 125	139,7	2,0	16
			25
6 150	168,3	2,0	16
			25
8 200	219,1	2,0	16

Notes:
Use only grooving machine rollers designed for stainless steel pipe.

TABLE B
GRINNELL COUPLING MAXIMUM WORKING PRESSURE RATINGS
GROOVED STAINLESS STEEL PIPE PER EN10217-7 304L

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YEAR
LIMITED
WARRANTY

For warranty terms
and conditions, visit
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