MATERIAL		ORDER CODE	MAXIMUM ALLOWABLE WORKING PRESSURE - (MAWP)				TEMPERATURE RANGE			
			WELD-IN							
			0.265" MAX BORE		0.390" MAX BORE					
ASTM SPECIFICATION	TYPE/ TRADENAME		"V" ≥ 5/8"		"V" ≥ 49/64"		C		F	
			@MIN TEMP	@MAX TEMP	@MIN TEMP	@MAX TEMP	MIN	MAX	MIN	MAX
A479 Gr. 304/304L	304/304L	09	7304 psi	3445 psi	5958 psi	2823 psi	-28 C	538 C	-20 F	1000 F
A479 Gr. 316/316L	316/316L	08	7176 psi	5118 psi	5853 psi	4209 psi	-28 C	538 C	-20 F	1000 F
A479 Gr. S34700	347	36	7176 psi	5118 psi	5853 psi	4209 psi	-28 C	538 C	-20 F	1000 F
A105	A105	61	8114 psi	5041 psi	6704 psi	4228 psi	-28 C	482 C	-20 F	900 F
B164 Gr. N04400	Alloy 400	27	6132 psi	3010 psi	5066 psi	2693 psi	-28 C	482 C	-20 F	900 F
B574 Gr. N10276	Alloy C276	29	9267 psi	5671 psi	7656 psi	4663 psi	-28 C	538 C	-20 F	1000 F
A182 Gr. F11 Cl. 2	F11 Cl. 2	60	8114 psi	5118 psi	6704 psi	4228 psi	-28 C	482 C	-20 F	900 F
A182 Gr. F22 Cl. 3	F22 Cl. 3	59	10183 psi	5118 psi	8307 psi	4228 psi	-28 C	482 C	-20 F	900 F
A182 Gr. F91	F91	91	13559 psi	5118 psi	11052 psi	4228 psi	-28 C	482 C	-20 F	900 F
B473 Gr. N08020	Alloy 20	38	8299 psi	5994 psi	6856 psi	4952 psi	-28 C	425 C	-20 F	800 F
B166 Gr. N06600	Alloy 600	03	6362 psi	1505 psi	5256 psi	1249 psi	-28 C	650 C	-20 F	1200 F
B408 Gr. N08800	Alloy 800	37	7100 psi	4887 psi	5866 psi	4037 psi	-28 C	593 C	-20 F	1100 F
A479 Gr. S31008	310S	04	7176 psi	5118 psi	5853 psi	4209 psi	-28 C	538 C	-20 F	1000 F
B166 Gr. N06601	Alloy 601	07	6362 psi	1512 psi	5256 psi	1249 psi	-28 C	650 C	-20 F	1200 F
B160 Gr. N02200	Nickel 200	31	3163 psi	3163 psi	2613 psi	2613 psi	-28 C	316 C	-20 F	600 F

- These tables are for reference only. Other design factors should be taken into consideration in addition to temperature and pressure, such as vibration, corrosion, and installation method.
- MAWP data for materials and temperatures not shown on this table is available upon request.