



Stock Programme Scope of Supply

v1.06 1Q 2017

Pipe: Seamless

Stainless Steel	ASTM A312	ASME B36.19	TP316/316L	DN15 – DN250	10S – 160	Ask us about our range of multi-specification pipes available in: A333-6 / A106-B / X-52
Stainless Steel	ASTM A312	ASME B36.19	TP304/304L	DN15 – DN200	10S – 160	
Low Temp	ASTM A333	ASME B36.10	Grade 1/6	DN15 – DN200	STD – XXS	

Forged Flanges: SORF / WNRF / SWRF / Blind / LRF Blind

Stainless Steel	ASTM A182	ASME B16.5	F316/F316L	DN15 – DN600	150# – 1500#	Ask us about our range of multi-specification flanges available in: A350-LF2 / A105N
Stainless Steel	ASTM A182	ASME B16.5	F304/F304L	DN15 – DN250	150# – 1500#	
Low Temp	ASTM A350	ASME B16.5	LF2	DN15 – DN400	150# – 1500#	

Table Flanges: Slip On FF / Blind FF

Stainless Steel	ASTM A182	AS 2129	F316/F316L	DN15 – DN250	Table D	
Stainless Steel	ASTM A182	AS 2129	F316/F316L	DN15 – DN250	Table E	

Butt-Weld: Elbow 90 & 45 / Tee Equal & Reducing / Reducer Con & Ecc / Cap

Stainless Steel	ASTM A403	ASME B16.9	WP316/WP316L	DN15 – DN250	10S – 160	
Stainless Steel	ASTM A403	ASME B16.9	WP304/WP304L	DN15 – DN150	10S – 160	
Low Temp	ASTM A420	ASME B16.9	WPL6	DN15 – DN200	STD – XXS	

Butt-Weld: Stub End Seamless

Stainless Steel	ASTM A403	MSS SP-43 TYPE A	WP316/WP316L	DN50 – DN250	10S – 40S	
Stainless Steel	ASTM A403	MSS SP-43 TYPE B	WP316/WP304L	DN50 – DN250	10S – 40S	

Pressure Fittings: NPT Threaded - Coupling / Elbow 90 & 45 / Hex Nipple / Caps / Tees / Hex Plugs / Union / Bush / Reducing Nipple

Stainless Steel	ASTM A182	ASME B16.11 MSS SP-83 (Unions) BS3799 (Nipples)	F316/F316L F304/F304L	DN10 – DN50	3000# 6000#	Threads to ANSI/ASME B1.20.1
Low Temp	ASTM A350	ASME B16.11 MSS SP-83 (Unions) BS3799 (Nipples)	LF2	DN15 – DN50	3000# 6000#	

Pressure Fittings: Socket Weld - Coupling Full & Half / Elbow 90 & 45 / Caps / Tees / Union / Reducing Tee / Reducing Coupling / Reducing Insert

Stainless Steel	ASTM A182	ASME B16.11 MSS SP-97 (Inserts) MSS SP-83 (Unions)	F316/F316L F304/F304L	DN10 – DN50	3000# 6000#	
Low Temp	ASTM A350	ASME B16.11 MSS SP-97 (Inserts) MSS SP-83 (Unions)	LF2	DN15 – DN50	3000# 6000#	

Pressure Fittings: Pipe Nipples - Threaded Both Ends (TBE) Threaded One End (TOE) Plain Both Ends (PBE)

Stainless Steel	ASTM A312	B36.19 MSS SP-95	TP316/TP316L TP304/TP304L	DN15 – DN50	SCH80S NPT	Threads to ANSI/ASME B1.20.1
Low Temp	ASTM A333	B36.10 MSS SP-95	Grade 6	DN15 – DN50	XS/160 NPT	

Pressure Fittings: Swages - Concentric & Eccentric

Stainless Steel	ASTM A403	BS 3799 MSS SP-95	WP316/WP316L WP304/WP304L	DN15 – DN50	SCH80S SCH160	All stock is PBE. Threading service available on request
Low Temp	ASTM A420	BS 3799 MSS SP-95	WPL6	DN15 – DN50	XS SCH160	

Pressure Fittings: Threadolets / Sockolets / Weldolets

Stainless Steel	ASTM A182	MSS SP-97	F316/F316L F304/F304L	DN15 – DN50 RUN <=2000mm	NPT 3000# SW 3000# SCH80S BSPT 3000#	Threads to ANSI/ASME B1.20.1 BS EN 10226
Low Temp	ASTM A350	MSS SP-97	LF2	DN15 – DN50 RUN <=2000mm	NPT 3/6000# SW 3/6000# XS/160	

Pressure Fittings: BSPT Threaded - Coupling Full / Elbow 90 & 45 / Hex Nipple / Caps / Tees / Hex Plugs / Union / Bush / Reducing Nipple

Stainless Steel	ASTM A182	ASME B16.11 MSS SP-83 (Unions) BS 3799 (Nipples)	F316/F316L	DN15 – DN50	BSPT 3000#	Threads to BS EN 10226
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Pressure Fittings: Crossover Hex Nipple (BSPTxNPT)

Stainless Steel	ASTM A182	BS 3799	F316/F316L	DN25 – DN50	BSPT x NPT 3000#	Threads to ANSI/ASME B1.20.1 BS EN 10226
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Materials

Stainless Steel	304/L/H, 316/L/H, 316Ti, 310/H/S, 317/L, 321/H, 347/H, 904L (N08904), 6Mo (S31254)
Duplex/Super Duplex	S31803, S32205, S32750, S32760
Carbon/High Yield	A, B, C, X42, X46, X52, X56, X60, X65, X70, X80, X90, X100, X120
Low Temp	1, 3, 6, CC60, CC65, CC70
Chrome Moly	P1, P2, P5/b/c, P9, P11, P12, P15, P21, P22, P23, P24, P36, P91, P92, P122, P911
Copper Nickel	90/10, EEMUA 7060X, 70/30
Titanium	Commercially Pure (Grade 1, 2, 3, 4), Ti6Al-4V (Grade 5), Ti 6Al-4V ELI (Grade 23), Ti-Pd (Grade 7), Ti Code 12 (Grade 12)
Nickel Alloy	200, 201, C-276, 400, 601, 690, 693, 625, 825, 800H/HT
Other	Aluminium, Zirconium, Alloy Clad

Products

Pipe & Tube	Welded, Seamless, Heat Exchanger, Boiler, Super Heater, Finned
Butt-Welding Fittings	Elbows (LR-SR / Induction / Lobster Back / 180, 90, 45 & Custom Angles), Tees, Reducers, Stub Ends, Caps, Crosses
Flanges	Weld Neck, Slip On, Blind, Spectacle, Spade & Spacer, 150# - 2500#, Table D - R, PN6 - PN40
Pressure Fittings	Elbows, Tees, Couplings, Unions, Nipples, Bushes, Weldolets, Sockolets, Threadolets, Nipolets, Latrolets, Elbolets, Sweepolets NPT, BSPT, Socket Weld, 3000#, 6000#, 9000#
Ancillary	Stud Bolts, Gaskets, Flange Covers, Hangers, Clamps
Custom Fittings	Transition Pieces, Expansion Joints, Laterals (Wye), Barred Tees, Nozzles
Long Products	Plates, Bars (Round / Flat / Hex / Angle), Hollow Section, Channels

Standards

Australian	AS/NZS
International	API, ASME, ASTM, BS, DNV, EEMUA, EN/DIN/ISO, JIS, MSS, NACE, NORSOK