

INDUSTRIAL



CATALOGUE

Proprietary Limited

STAINLESS STEEL FITTINGS



Quality
ISO 9001

SAI GLOBAL
CERT NO QEC22270

Industrial • Hydraulics • Ducting • Pneumatics

WESTERN BRANCH

28 Spencer Street
Sunshine West Vic 3020
Tel: (03) 8311 7400
Fax: (03) 9311 2322

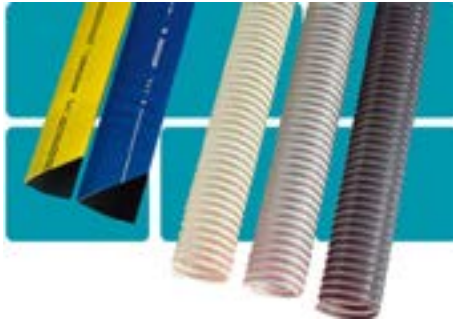
EASTERN BRANCH

73-81 Bessemer Drive
Dandenong South Vic 3175
Tel: (03) 9794 9299
Fax: (03) 9794 9992

NORTHERN BRANCH

169-171 Northbourne Rd
Campbellfield Vic 3061
Tel: (03) 9305 4600
Fax: (03) 9305 4231

Other Catalogues Available:



▶ *IPL Plastic Hose*



▶ *Barfell Plastic Hoses & Tubes*



▶ *Industrial Rubber Hose*



▶ *Plastic Tubing & Recoil Hose*



▶ *Flexible Ducting*



▶ *Hose Clamps & Clips*

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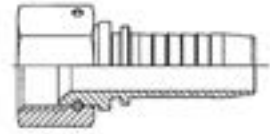
Crimp Hose Ends	4 & 5
Sanitary Hose Fittings	6 & 7
Hygienic Liners & Adaptors	8 & 9
Pipe Fittings	10 & 11
Twin Ferrule Tube Fittings	12, 13 & 14
Adaptors	15
Stainless Steel Push-in Fittings	16 & 17
Ball Valves	18
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CRIMP HOSE ENDS

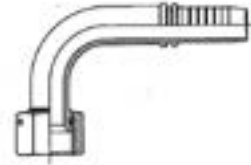
JIC FEMALE

Product No.	Hose Bore (inches)	Thread Size Inches (JIC)
FSJ-250-04-04	1/4	7/16-20
FSJ-250-06-06	3/8	9/16-18
FSJ-250-08-08	1/2	3/4-16
FSJ-250-12-12	3/4	1.1/16-12
FSJ-250-16-16	1	1.5/16-12
FSJ-250-20-20	1.1/4	1.5/8-12
FSJ-250-24-24	1.1/2	1.7/8-12



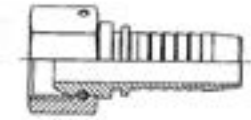
JIC FEMALE 90° ELBOW (STANDARD DROP)

Product No.	Hose Bore (inches)	Thread Size Inches (JIC)
EJ-250-04-04	1/4	7/16-20
EJ-250-06-06	3/8	9/16-18
EJ-250-08-08	1/2	3/4-16
EJ-250-12-12	3/4	1.1/16-12
EJ-250-16-16	1	1.5/16-12
EJ-250-20-20	1.1/4	1.5/8-12
EJ-250-24-24	1.1/2	1.7/8-12



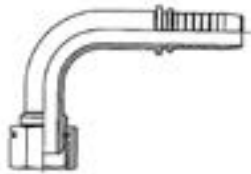
BSP FEMALE

Product No.	Hose Bore (inches)	Thread Size Inches (BSP)
FS-250-04-04	1/4	1/4
FS-250-06-06	3/8	3/8
FS-250-08-08	1/2	1/2
FS-250-12-12	3/4	3/4
FS-250-16-16	1	1
FS-250-20-20	1.1/4	1.1/4
FS-250-24-24	1.1/2	1.1/2



BSP FEMALE 90° ELBOW

Product No.	Hose Bore (inches)	Thread Size Inches (BSP)
E-250-04-04	1/4	1/4
E-250-06-06	3/8	3/8
E-250-08-08	1/2	1/2
E-250-12-12	3/4	3/4
E-250-16-16	1	1
E-250-20-20	1.1/4	1.1/4
E-250-24-24	1.1/2	1.1/2



BSP MALE (TAPER)

Product No.	Hose Bore (inches)	Thread Size Inches (BSPT)
MTS25BT-04-04	1/4	1/4
MTS25BT-06-06	3/8	3/8
MTS25BT-08-08	1/2	1/2
MTS25BT-12-12	3/4	3/4
MTS25BT-16-16	1	1
MTS25BT-20-20	1.1/4	1.1/4
MTS25BT-24-24	1.1/2	1.1/2

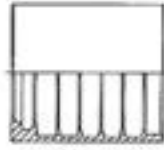


NOTE: Please contact the Sales Department of H.I.S. Hose for other fitting types and threads.

CRIMP HOSE ENDS

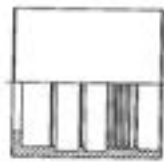
NON SKIVE ONE WIRE FERRULES R1AT/1SN

Product No.	Hose Size Inches
FR1AT-250-04	1/4
FR1AT-250-05	5/16
FR1AT-250-06	3/8
FR1AT-250-08	1/2
FR1AT-250-10	5/8
FR1AT-250-12	3/4
FR1AT-250-16	1
FR1AT-250-20	1.1/4
FR1AT-250-24	1.1/2
FR1AT-250-32	2



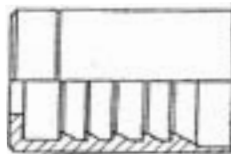
NON SKIVE TWO WIRE FERRULES R2AT/2SN

Product No.	Hose Size Inches
FR2AT-250-04	1/4
FR2AT-250-05	5/16
FR2AT-250-06	3/8
FR2AT-250-08	1/2
FR2AT-250-10	5/8
FR2AT-250-12	3/4
FR2AT-250-16	1
FR2AT-250-20	1.1/4
FR2AT-250-24	1.1/2
FR2AT-250-32	2



NON SKIVE MULTI-SPIRAL FERRULES R12

Product No.	Hose Size Inches
FR12AT-250-06	3/8
FR12AT-250-08	1/2
FR12AT-250-10	5/8
FR12AT-250-12	3/4
FR12AT-250-16	1
FR12AT-250-20	1.1/4
FR12AT-250-24	1.1/2
FR12AT-250-32	2



STAINLESS STEEL FITTINGS

CRIMP HOSE ENDS

SANITARY HOSE FITTINGS

We are pleased to offer our customers one of the most extensive ranges for food, beverage, pharmaceutical and fine chemical applications.

- * Fittings & clamps
- * Gauges
- * Valves
- * Actuation
- * Custom fabrication
- * Hose assemblies

Whatever your requirement please call for the latest availability. Many items are available from stock and are made to order on very short lead times.



BSM (RJT) EXTERNAL CRIMP STEM

Product No.	Size (inch)
FEMALE	
HA0224	1"
HA0225	1.1/2"
HA0226	2"
HA0227	2.1/2"
HA0228	3"
HA0294	4"
MALE	
HA0219	1"
HA0220	1.1/2"
HA0221	2"
HA0222	2.1/2"
HA0223	3"
HA0293	4"



SMS EXTERNAL CRIMP STEM

Product No.	Size (inch)
FEMALE	
HA0616	1"
HA0617	1.1/2"
HA0618	2"
HA0619	2.1/2"
HA0620	3"
HA0621	4"
MALE	
HA0622	1"
HA0623	1.1/2"
HA0624	2"
HA0625	2.1/2"
HA0626	3"
HA0627	4"



CLAMP TYPE/TRI-CLOVER EXTERNAL CRIMP STEM

Product No.	Size (inch)
HA0640	1"
HA0641	1.1/2"
HA0642	2"
HA0643	2.1/2"
HA0644	3"
HA0645	4"

MATERIAL: SS316



DIN EXTERNAL CRIMP STEM

Standards: DIN 11851 / 11887, Couplings & Gaskets

Product No.	Size
FEMALE	
HA0239	DN25
HA0240	DN40
HA0241	DN50
HA0242	DN65
HA0243	DN80
HA0298	DN100
MALE	
HA0234	DN25
HA0235	DN40
HA0236	DN50
HA0237	DN65
HA0238	DN80
HA0297	DN100



BUTTWELD TUBE CRIMP STEM

Product No.	Size (inch)
HA0833	1"
HA0835	1.1/2"
HA0837	2"
HA0839	2.1/2"
HA0841	3"
HA0843	4"



BSM CIP CRIMP STEM

Standards: RJT (BSM)
AS1528.2-2001 Part 2
Screwed Couplings

Product No.	Size (inch)
HA0224-CIP	1"
HA0225-CIP	1.1/2"
HA0226-CIP	2"
HA0227-CIP	2.1/2"
HA0228-CIP	3"
HA0294-CIP	4"



HEX NUT

Product No.	Size (inch)
13H-G100RJT	1"
13H-G150RJT	1.1/2"
13H-G200RJT	2"
13H-G250RJT	2.1/2"
13H-G300RJT	3"
13H-G400RJT	4"

Stainless steel nut SS 316 material suits above stems.

SANITARY HOSE FITTINGS



EXTERNAL CRIMP FERRULES

Material: SS304

Product No.	Size (inch)	Hose OD Range (mm)	
		from	to
HA0249-41-3	1	33.0	35.0
HA0249-43-3	1	35.7	36.5
HA0249-45-3	1	36.9	37.7
HA0249-46-3	1	38.1	38.9
HA0249-47-3	1	39.3	40.1
HA0249-48-3	1	40.5	41.3
HA0250-56-3	1.1/2	48.4	49.6
HA0250-58-3	1.1/2	50.0	51.2
HA0250-59-3	1.1/2	51.6	52.8
HA0250-61-3	1.1/2	53.2	54.4
HA0251-70-3	2	62.7	63.9
HA0251-72-3	2	64.3	65.5
HA0251-74-3	2	65.9	67.1
HA0251-75-3	2	67.4	68.7
HA0252-84-3	2.1/2	76.1	78.1
HA0252-86-3	2.1/2	78.1	80.1
HA0252-89-3	2.1/2	81.1	83.1
HA0253-96-3	3	88.0	91.0
HA0253-98-3	3	91.7	92.9
HA0253-100-3	3	92.1	93.3
HA0253-101-3	3	93.6	94.9
HA0253-103-3	3	95.2	96.5
HA0253-105-3	3	96.8	98.0
HA0253-106-3	3	98.4	99.6
HA0301-129-5	4	117.5	118.7
HA0301-130-5	4	119.0	120.3
HA0301-132-5	4	120.6	121.9
HA0301-133-5	4	122.2	123.5
HA0301-135-5	4	123.8	125.0



STAINLESS STEEL FITTINGS

SANITARY FITTINGS

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A TYPICAL COMPLETE CLAMPING CONNECTION



SMS NUT 6 SLOTS SMS-13R

Product No.	Size inch
13H-G100RJT	1
13H-G150RJT	1.1/2
13H-G200RJT	2
13H-G250RJT	2.1/2
13H-G300RJT	3
13H-G400RJT	4



SMS WELD MALE

Product No.	Size inch
15A-R100SMS	1
15A-R150SMS	1.1/2
15A-R200SMS	2
15A-R250SMS	2.1/2
15A-R300SMS	3
15A-R400SMS	4



BSM (RJT) HEX NUT RJT-13H

Product No.	Size inch
13R-G100SMS	1
13R-G150SMS	1.1/2
13R-G200SMS	2
13R-G250SMS	2.1/2
13R-G300SMS	3
13R-G400SMS	4



BSM (RJT) WELDING MALE

Product No.	Size inch
RJT-15	
15A-R100RJT	1
15A-R150RJT	1.1/2
15A-R200RJT	2
15A-R250RJT	2.1/2
15A-R300RJT	3
15A-R400RJT	4
RJT-15 CIP FLAT FACE	
15A-R100RJT-CIP	1
15A-R150RJT-CIP	1.1/2
15A-R200RJT-CIP	2
15A-R250RJT-CIP	2.1/2
15A-R300RJT-CIP	3
15A-R400RJT-CIP	4



BSM (RJT) HEX BLANK NUT - 13HBN

Product No.	Size inch
13HBM-R100RJT	1
13HBM-R150RJT	1.1/2
13HBM-R200RJT	2
13HBM-R250RJT	2.1/2
13HBM-R300RJT	3
13HBM-R400RJT	4



BSM (RJT) WELDING LINER

Product No.	Size inch
RJT-14	
14A-R100RJT	1
14A-R150RJT	1.1/2
14A-R200RJT	2
14A-R250RJT	2.1/2
14A-R300RJT	3
14A-R400RJT	4
RJT-14 CIP FLAT FACE	
14A-R100RJT-CIP	1
14A-R150RJT-CIP	1.1/2
14A-R200RJT-CIP	2
14A-R250RJT-CIP	2.1/2
14A-R300RJT-CIP	3
14A-R400RJT-CIP	4



SMS BLANK NUT 6 SLOTS WITH CHAIN

Product No.	Size inch
13RBN-R100SMS	1
13RBN-R150SMS	1.1/2
13RBN-R200SMS	2
13RBN-R250SMS	2.1/2
13RBN-R300SMS	3
13RBN-R400SMS	4



SMS LONG WELD LINER

Product No.	Size inch
14A-R100SMS	1
14A-R150SMS	1.1/2
14A-R200SMS	2
14A-R250SMS	2.1/2
14A-R300SMS	3
14A-R400SMS	4

SANITARY FITTINGS

SHORT WELDING FERRULES

Product No.	Size inch
14WMP-R50	1/2
14WMP-R75	3/4
14WMP-R100	1
14WMP-R150	1.1/2
14WMP-R200	2
14WMP-R250	2.1/2
14WMP-R300	3
14WMP-R400	4
14WMP-R600	6
14WMP-R800	8
14WMP-R1000	10
14WMP-R1200	12



BSM (RJT) O-RING BUNA NBR

Product No.	Size inch
40MP-U100RJT	1
40MP-U150RJT	1.1/2
40MP-U200RJT	2
40MP-U250RJT	2.1/2
40MP-U300RJT	3
40MP-U400RJT	4



BSM (RJT) O-RING EPDM

Product No.	Size inch
40MP-E100RJT	1
40MP-E150RJT	1.1/2
40MP-E200RJT	2
40MP-E250RJT	2.1/2
40MP-E300RJT	3
40MP-E400RJT	4



BUTT WELDING FERRULES

Product No.	Size inch
L14AM7-R50	1/2
L14AM7-R75	3/4
L14AM7-R100	1
L14AM7-R150	1.1/2
L14AM7-R200	2
L14AM7-R250	2.1/2
L14AM7-R300	3
L14AM7-R400	4
L14AM7-R600	6
L14AM7-R800	8
L14AM7-R1000	10
L14AM7-R1200	12



SANITARY CLAMPS

The Sanitary Standard was created by the dairy industry as a voluntary benchmark for product performance and sanitary safety. The standard, developed by a group of processors, suppliers, regulatory officials and sanitation specialists, is generally accepted by federal, state and local regulatory authorities.

SINGLE PIN SQUEEZE CLAMPS

Product No.	Tube (Inch)	Service Pressure Rating @ 21°C (psi)	Dimensions (A)
13MHM-Q75	1/2-3/4	1500	1.062
13MHM-Q100150	1-1.1/2	500	2.122
13MHM-Q200	2	450	2.654
13MHM-Q250	2.1/2	400	3.185
13MHM-Q300	3	350	3.717
13MHM-Q400	4	300	4.820



SINGLE PIN HEAVY DUTY CLAMPS

Product No.	Tube (Inch)	Service Pressure Rating @ 21°C (psi)	Dimensions (A)
13MHM5075	1/2-3/4	1500	1.062
13MHM100150	1-1.1/2	500	2.122
13MHM200	2	450	2.654
13MHM250	2.1/2	400	3.185
13MHM300	3	350	3.717
13MHM400	4	300	4.820
13MHM600	6	150	6.625
13MHM800	8	100	8.695



STAINLESS STEEL FITTINGS

HYGIENIC LINERS & ADAPTORS

STAINLESS STEEL T316 – 150LB PIPE FITTINGS

REDUCING BUSH



Product No.	BSPT Male x BSPT Female	
TF24SS-1/4x1/8	1/4"	1/8"
TF24SS-3/8x1/8	3/8"	1/8"
TF24SS-3/8x1/4	3/8"	1/4"
TF24SS-1/2x1/8	1/2"	1/8"
TF24SS-1/2x1/4	1/2"	1/4"
TF24SS-1/2x3/8	1/2"	3/8"
TF24SS-3/4x1/2	3/4"	1/2"
TF24SS-1x3/4	1"	3/4"
TF24SS-1.1/4x1	1.1/4"	1"
TF24SS-11/2x11/4	1.1/2"	1.1/4"
TF24SS-2x11/2	2"	1.1/2"
TF24SS-21/2x2	2.1/2"	2"
TF24SS-3x2	3"	2"
TF24SS-3x21/2	3"	2.1/2"
TF24SS-4x3	4"	3"

ELBOW 90° MALE & FEMALE



Product No.	BSPT Male x BSPT Female		
TF25SS-1/8	1/8"	x	1/8"
TF25SS-1/4	1/4"	x	1/4"
TF25SS-1/2	1/2"	x	1/2"
TF25SS-3/4	3/4"	x	3/4"
TF25SS-1	1"	x	1"
TF25SS-11/4	1.1/4"	x	1.1/4"
TF25SS-11/2	1.1/2"	x	1.1/2"
TF25SS-2	2"	x	2"

SOCKET



Product No.	BSPT Female
TF26SS-1/8	1/8"
TF26SS-1/4	1/4"
TF26SS-3/8	3/8"
TF26SS-1/2	1/2"
TF26SS-3/4	3/4"
TF26SS-1	1"
TF26SS-11/2	1.1/2"
TF26SS-2	2"
TF26SS-21/2	2.1/2"
TF26SS-3	3"
TF26SS-4	4"

HEX NIPPLE



Product No.	BSPT Male
TF27SS-1/8	1/8"
TF27SS-1/4	1/4"
TF27SS-3/8	3/8"
TF27SS-1/2	1/2"
TF27SS-3/4	3/4"
TF27SS-1	1"
TF27SS-11/2	1.1/2"
TF27SS-2	2"

BARREL NIPPLE



Product No.	BSPT Male
BNSS-1/8	1/8"
BNSS-1/4	1/4"
BNSS-3/8	3/8"
BNSS-1/2	1/2"
BNSS-3/4	3/4"
BNSS-1	1"
BNSS-11/4	1.1/4"
BNSS-11/2	1.1/2"
BNSS-2	2"
BNSS-21/2	2.1/2"
BNSS-3	3"
BNSS-4	4"

REDUCING SOCKET



Product No.	BSP Female	BSP Female
TF29SS-1/4x1/8	1/4"	1/8"
TF29SS-3/8x1/4	3/8"	1/4"
TF29SS-1/2x1/4	1/2"	1/4"
TF29SS-1/2x3/8	1/2"	3/8"
TF29SS-3/4x1/2	3/4"	1/2"
TF29SS-1x3/4	1"	3/4"
TF29SS-11/4x1	1.1/4"	1"
TF29SS-11/2x1	1.1/2"	1"
TF29SS-11/2x11/4	1.1/2"	1.1/4"
TF29SS-2x1	2"	1"
TF29SS-2x11/4	2"	1.1/4"
TF29SS-2x11/2	2"	1.1/2"

FEMALE 90° ELBOW



Product No.	BSPT Female
TF34SS-1/8	1/8"
TF34SS-1/4	1/4"
TF34SS-3/8	3/8"
TF34SS-1/2	1/2"
TF34SS-3/4	3/4"
TF34SS-1	1"
TF34SS-11/4	1.1/4"
TF34SS-11/2	1.1/2"
TF34SS-2	2"

FEMALE 45° ELBOW



Product No.	BSPT Female
TF34x45SS-1/8	1/8"
TF34x45SS-1/4	1/4"
TF34x45SS-3/8	3/8"
TF34x45SS-1/2	1/2"
TF34x45SS-3/4	3/4"
TF34x45SS-1	1"
TF34x45SS-11/4	1.1/4"
TF34x45SS-11/2	1.1/2"
TF34x45SS-2	2"

NOTE: Please contact the Sales Department of H.I.S. Hose for other fitting types and threads.

REDUCING NIPPLE



Product No.	BSPT Male	BSPT Male
TF73SS-1/4x1/8	1/4"	1/8"
TF73SS-3/8x1/8	3/8"	1/8"
TF73SS-3/8x1/4	3/8"	1/4"
TF73SS-1/2x1/4	1/2"	1/4"
TF73SS-1/2x3/8	1/2"	3/8"
TF73SS-3/4x3/8	3/4"	3/8"
TF73SS-3/4x1/2	3/4"	1/2"
TF73SS-1x3/4	1"	3/4"
TF73SS-11/4x1	1.1/4"	1"
TF73SS-11/2x11/4	1.1/2"	1.1/4"
TF73SS-2x11/2	2"	1.1/2"
TF73SS-21/2x2	2.1/2"	2"
TF73SS-3x21/2	3"	2.1/2"

TOE NIPPLE



Product No.	BSPT Male
TOE-SS-1/8	1/8"
TOE-SS-1/4	1/4"
TOE-SS-3/8	3/8"
TOE-SS-1/2	1/2"
TOE-SS-3/4	3/4"
TOE-SS-1	1"
TOE-SS-11/4	1.1/4"
TOE-SS-11/2	1.1/2"
TOE-SS-2	2"
TOE-SS-21/2	2.1/2"
TOE-SS-3	3"
TOE-SS-4	4"

FEMALE TEE



Product No.	BSPT Female
TF35SS-1/8	1/8"
TF35SS-1/4	1/4"
TF35SS-3/8	3/8"
TF35SS-1/2	1/2"
TF35SS-3/4	3/4"
TF35SS-1	1"
TF35SS-11/4	1.1/4"
TF35SS-11/2	1.1/2"
TF35SS-2	2"

BARREL UNION FEMALE



Product No.	BSP Female
BU06SS	1/4"
BU10SS	3/8"
BU12SS	1/2"
BU20SS	3/4"
BU25SS	1"
BU32SS	1.1/4"
BU38SS	1.1/2"
BU50SS	2"

TAPER PLUG



Product No.	BSPT Male
TF64SS-1/8	1/8"
TF64SS-1/4	1/4"
TF64SS-3/8	3/8"
TF64SS-1/2	1/2"
TF64SS-3/4	3/4"
TF64SS-1	1"
TF64SS-11/4	1.1/4"
TF64SS-11/2	1.1/2"
TF64SS-2	2"

HOSETAILES



Product No.	Hose ID	BSPT Male
TFP3SS-1/4x1/8	1/4"	1/8"
TFP3SS-1/4	1/4"	1/4"
TFP3SS-3/8x1/4	3/8"	1/4"
TFP3SS-3/8	3/8"	3/8"
TFP3SS-3/8x1/2	3/8"	1/2"
TFP3SS-1/2x1/4	1/2"	1/4"
TFP3SS-1/2x3/8	1/2"	3/8"
TFP3SS-1/2	1/2"	1/2"
TFP3SS3/4	3/4"	3/4"
TFP3SS-1	1"	1"
TFP3SS11/4	1.1/4"	1.1/4"
TFP3SS11/2	1.1/2"	1.1/2"
TFP3SS2	2"	2"
TFP3SS21/2	2.1/2"	2.1/2"
TFP3SS3	3"	3"
TFP3SS4	4"	4"

LOCK NUT



Product No.	BSPP Female
TF74SS-1/8	1/8"
TF74SS-1/4	1/4"
TF74SS-3/8	3/8"
TF74SS-1/2	1/2"
TF74SS-3/4	3/4"
TF74SS-1	1"

CROSS

Product No.	BSPP Female
TF37SS-1/8	1/8"
TF37SS-1/4	1/4"
TF37SS-3/8	3/8"
TF37SS-1/2	1/2"
TF37SS-3/4	3/4"
TF37SS-1	1"

CAP



Product No.	BSPP Female
TF33SS-1/8	1/8"
TF33SS-1/4	1/4"
TF33SS-3/8	3/8"
TF33SS-1/2	1/2"
TF33SS-3/4	3/4"
TF33SS-1	1"
TF33SS-11/4	1.1/4"
TF33SS-11/2	1.1/2"

NOTE: Please contact the Sales Department of H.I.S. Hose for other fitting types and threads.

Ref: 64-0108

E & O.E 2008

STAINLESS STEEL TUBE COMPRESSION FITTINGS

PRESSURE RATINGS

Tube fittings are rated to the maximum working pressure of the stainless steel tubing.
The maximum working pressure is available by contacting our Sales Office at H.I.S. Hose.

FITTING TYPE DESIGNATOR

CUA	Union	CPR	Reducing Port Connector
CUR	Reducing Union	CFTC	Lapped Flange Connector
CLA	Union Elbow	CFU	AN Union
CTA	Union Tee	CBFU	AN Bulkhead Union
CXA	Union Cross	CFA	AN Adapter
CBU	Bulkhead Union	CSC	SAE Male Connector
CMC	Male Connector	CSLA	SAE Male Elbow
CMTC	Thermocouple Male Connector	CSLB	SAE 45° Male Elbow
CMC-G	Male Connector for Bonded Seal	CSRT	SAE Male Run Tee
COM	Male Connector for Metal Seal	CSBT	SAE Male Branch Tee
CBMC	Bulkhead Male Connector	COS	O-Seal Straight Thread Connector
CLMA	Male Elbow	COP	o-Seal Pipe Thread Connector
CLMB	45° Male Elbow	CWC	Male Pipe Weld Connector
CRTM	Male Run Tee	CLW	Male Pipe Weld
CBTM	Male Branch Tee	CSWC	Tube Socket Weld Connector
CFC	Female Connector	CLSW	Tube Socket Weld Elbow
CGC	Gauge Connector	CPA	Pulug
CBFC	Bulkhead Female Connector	CCA	Cap
CLF	Female Elbow	CN	Nut
CRTF	Female Run Tee	CFF	Front Ferrule
CBTF	Female Branch	CFB	Back Ferrule
CR	Reducer	CFS	Ferrule Set
CBR	Bulkhead Reducer	CI	Tube Insert
CAM	Male Adapter	CCL	Sure Ring
CAF	Female Adapter	CIG	Gap Gauge
CPC	Port Connector	EZY-MAT	Preswaging Tool

MALE CONNECTOR CMC-R

Thread BSPT Male

Product No.	Tube OD inches	End Type (BSPT)
SS-CMC4-2	1/4	1/8
SS-CMC4-4	1/4	1/4
SS-CMC4-6	1/4	3/8
SS-CMC5-4	5/16	1/4
SS-CMC6-4	3/8	1/4
SS-CMC6-6	3/8	3/8
SS-CMC8-4	1/2	1/4
SS-CMC8-6	1/2	3/8
SS-CMC8-8	1/2	1/2
SS-CMC10-8	5/8	1/2
SS-CMC12-8	3/4	1/2
SS-CMC12-12	3/4	3/4
SS-CMC12-16	3/4	1
SS-CMC16-12	1	3/4
SS-CMC16-16	1	1



NOTE: Please contact the Sales Department of H.I.S. Hose for other fitting types and threads.

Email Enquiries: admin@hishose.com.au

STAINLESS STEEL TUBE COMPRESSION FITTINGS



MALE CONNECTOR CMC-R

Product No.	Tube OD mm	End Type (BSPT)
SS-CMC4M-2R	4	1/8
SS-CMC6M-4R	6	1/4
SS-CMC8M-4R	8	1/4
SS-CMC8M-6R	8	3/8
SS-CMC10M-4R	10	1/4
SS-CMC10M-6R	10	3/8
SS-CMC10M-8R	10	1/2
SS-CMC12M-8R	12	1/2
SS-CMC16M-8R	16	1/2
SS-CMC20M-12R	20	3/4
SS-CMC25M-16R	25	1



MALE ELBOW CLMA IMPERIAL

Product No.	Tube OD inches	End Type (BSPT)
SS-CLMA4-2R	1/4	1/8
SS-CLMA4-4R	1/4	1/4
SS-CLMA4-6R	1/4	3/8
SS-CLMA5-4R	5/16	1/4
SS-CLMA5-6R	5/16	3/8
SS-CLMA6-4R	3/8	1/4
SS-CLMA6-6R	3/8	3/8
SS-CLMA6-8R	3/8	1/2
SS-CLMA8-4R	1/2	1/4
SS-CLMA8-6R	1/2	3/8
SS-CLMA8-8R	1/2	1/2
SS-CLMA10-8R	5/8	1/2
SS-CLMA12-8R	3/4	1/2
SS-CLMA12-12R	3/4	3/4
SS-CLMA16-12R	1	3/4
SS-CLMA16-16R	1	1



MALE ELBOW CLMA METRIC

Product No.	Tube OD mm	End Type (BSPT)
SS-CLMA4M-2R	4	1/8
SS-CLMA4M-4R	4	1/4
SS-CLMA6M-2R	6	1/8
SS-CLMA6M-4R	6	1/4
SS-CLMA6M-6R	6	3/8
SS-CLMA8M-4R	8	1/4
SS-CLMA8M-6R	8	3/8
SS-CLMA8M-8R	8	1/2
SS-CLMA10M-6R	10	3/8
SS-CLMA10M-8R	10	1/2
SS-CLMA12M-8R	12	1/2
SS-CLMA12M-12R	12	3/4
SS-CLMA16M-12R	16	3/4
SS-CLMA20M-12R	20	3/4
SS-CLMA25M-12R	25	3/4
SS-CLMA25M-16R	25	1



UNION CUA IMPERIAL

Tube Joiner

Product No.	Tube OD inches
SS-CUA-4	1/4
SS-CUA-5	5/16
SS-CUA-6	3/8
SS-CUA-8	1/2
SS-CUA-10	5/8
SS-CUA-12	3/4
SS-CUA-16	1



STAINLESS STEEL FITTINGS

TWIN FERRULE
TUBE FITTINGS

UNION ELBOW CLA

Tube Elbow

Product No.	Tube OD inches
SS-CLA-4	1/4
SS-CLA-5	5/16
SS-CLA-6	3/8
SS-CLA-8	1/2
SS-CLA-10	5/8
SS-CLA-12	3/4
SS-CLA-16	1



UNION TEE CTA IMPERIAL

Tube Tee

Product No.	Tube OD inches
SS-CTA-4	1/4
SS-CTA-5	5/16
SS-CTA-6	3/8
SS-CTA-8	1/2
SS-CTA-10	5/8
SS-CTA-12	3/4
SS-CTA-16	1



TUBE NUT CN

Product No.	Tube OD inches	Product No.	Tube OD mm
SS-CN-4	1/4	SS-CN-6M	6
SS-CN-5	5/16	SS-CN-8M	8
SS-CN-6	3/8	SS-CN-10M	10
SS-CN-8	1/2	SS-CN-12M	12
SS-CN-10	5/8	SS-CN-16M	16
SS-CN-12	3/4	SS-CN-20M	20
SS-CN-16	1	SS-CN-25M	25



FERRULE SET CFS

Product No.	Tube OD inches	Product No.	Tube OD mm
SS-CFS-4	1/4	SS-CFS-6M	6
SS-CFS-5	5/16	SS-CFS-8M	8
SS-CFS-6	3/8	SS-CFS-10M	10
SS-CFS-8	1/2	SS-CFS-12M	12
SS-CFS-10	5/8	SS-CFS-16M	16
SS-CFS-12	3/4	SS-CFS-20M	20
SS-CFS-16	1	SS-CFS-25M	25



NOTE: For other sizes and types please contact the Sales Office at H.I.S. Hose.

STAINLESS STEEL TUBE – MILL FINISH (IMPERIAL SIZES)

Product No.	OD Size (Inches)	Gauge	Working Pressure (psi)
HYT-1/4SS	1/4	18	7,500
HYT-3/8SS	3/8	18	5,800
HYT-1/2SS	1/2	18	3,700
HYT-5/8SS	5/8	16	4,000
HYT-3/4SS	3/4	16	3,300
HYT-1SS	1	16	2,400

Standard length is 6 metres.

NOTE: Metric and other sizes available on application.

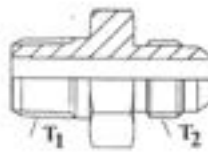


Email Enquiries: admin@hishose.com.au

STAINLESS STEEL ADAPTORS

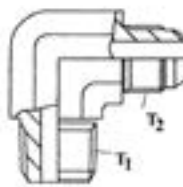
BSPT MALE/JIC MALE NIPPLE INCHES

Product No.	End 1 (BSPT Thread)	End 2 (JIC Thread)
SS7-0407	1/4-19	7/16-20
SS7-0409	1/4-19	9/16-18
SS7-0607	3/8-19	7/16-20
SS7-0609	3/8-19	9/16-18
SS7-0612	3/8-19	3/4-16
SS7-0809	1/2-14	9/16-18
SS7-0812	1/2-14	3/4-16
SS7-1212	3/4-14	3/4-16
SS7-1217	3/4-14	1.1/16-12
SS7-1617	1-11	1.1/16-12
SS7-1621	1-11	1.5/16-12
SS7-2026	1.1/4-11	1.5/8-12
SS7-2430	1.1/2-11	1.7/8-12
SS7-3240	2-11	2.1/2-12



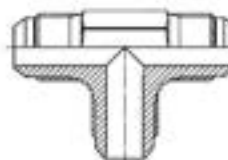
BSPT MALE/JIC MALE 90°

Product No.	End 1 (BSPT Thread)	End 2 (JIC Thread)
SS8-0407	1/4-19	7/16-20
SS8-0409	1/4-19	9/16-18
SS8-0607	3/8-19	7/16-20
SS8-0609	3/8-19	9/16-18
SS8-0612	3/8-19	3/4-16
SS8-0809	1/2-14	9/16-18
SS8-0812	1/2-14	3/4-16
SS8-1212	3/4-14	3/4-16
SS8-1217	3/4-14	1.1/16-12
SS8-1617	1-11	1.1/16-12
SS8-1621	1-11	1.5/16-12
SS8-2026	1.1/4-11	1.5/8-12
SS8-2430	1.1/2-11	1.7/8-12
SS8-3240	2-11	2.1/2-12



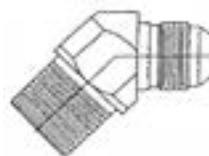
JIC MALE TEE

Product No.	Thread Size (JIC)
SS19-070707	7/16
SS19-080808	1/2
SS19-090909	9/16
SS19-121212	3/4
SS19-141414	7/8
SS19-171717	1.1/16
SS19-212121	1.5/16



BSPT MALE/JIC MALE 45°

Product No.	End 1 (BSPT Thread)	End 2 (JIC Thread)
SS9-0407	1/4-19	7/16-20
SS9-0409	1/4-19	9/16-18
SS9-0607	3/8-19	7/16-20
SS9-0609	3/8-19	9/16-18
SS9-0612	3/8-19	3/4-16
SS9-0809	1/2-14	9/16-18
SS9-0812	1/2-14	3/4-16
SS9-1212	3/4-14	3/4-16
SS9-1217	3/4-14	1.1/16-12
SS9-1617	1-11	1.1/16-12
SS9-1621	1-11	1.5/16-12
SS9-2026	1.1/4-11	1.5/8-12



STAINLESS STEEL FITTINGS

ADAPTORS

Stainless steel fittings : LF 3800 push-in fittings and function fittings



Flow control regulators

- control the speed of a pneumatic cylinder in aggressive environments or submitted to high mechanical or chemical constraints.
- designed without bacterial retention zones, they provide excellent resistance to detergents and enables easy cleaning in a wide variety of application areas.
- working pressure : 1 to 10 bar
- working temperature : 0° to 70°C

All items in the LF 3800 range are guaranteed **silicone free**.

Applications

- designed for excellent resistance to aggressive/corrosive environments and fluids, these ranges are suitable for installation in many harsh and aggressive industrial applications.
- examples of LF 3800 applications : laboratories, medical sector, food and drinks processing, paint and printing industries.
- examples of flow control applications : pneumatic, food and pharmaceutical processing, semi-conductor industry.

Benefits

LF 3800 push-in fittings

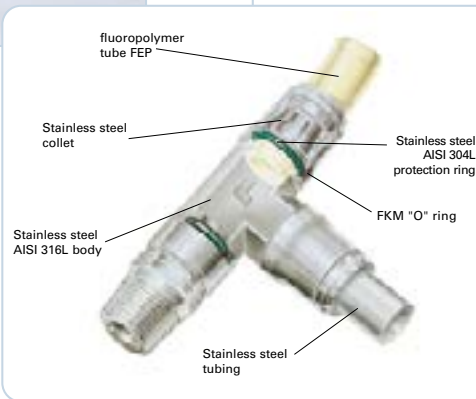
- all stainless steel construction with FKM 'O' ring seals, they offer excellent resistance to aggressive fluids and environments
- allow instant manual connection and disconnection
- compact, they guarantee full bore fluid passage with minimal pressure drop
- multiple configurations
- allow connection with several types of Legris tubing shown in this Product guide : nylon tubing, polyurethane tubing, fluoropolymer FEP tubing and polyethylene tubing
- a range of stainless steel accessories in order to offer total connection solutions

Technical specifications

suitable fluids :
all fluids compatible with fitting and tubing materials

working pressure :
maximum 20 bar

working temperature :
- 15° to + 110°C



maximum tightening torque for LF 3800 fittings, BSPP and metric threads

Thread	M5x0,8	G1/8"
da N.m	0,16	0,8

STAINLESS STEEL LF3800 PUSH-IN FITTINGS & FUNCTION FITTINGS



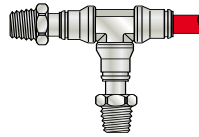
STAINLESS STEEL FITTINGS

Designed to satisfy your requirements

3821



■ with this male stud standpipe, tees and elbows can be fitted where required



■ by using this product, stock of parts may be reduced

■ available for metric or imperial tube with BSPT or NPT threads

male stud, BSPT, BSPP and metric thread

3805



ØD	C	
4	R1/8	3805 04 10
4	R1/4	3805 04 13
6	R1/8	3805 06 10
6	R1/4	3805 06 13
8	R1/8	3805 08 10
8	R1/4	3805 08 13
8	R3/8	3805 08 17
10	R1/4	3805 10 13
10	R3/8	3805 10 17
12	R1/4	3805 12 13
12	R3/8	3805 12 17
12	R1/2	3805 12 21

3801



ØD	C	
4	M5x0,8	3801 04 19
4	G1/8	3801 04 10

male stud elbow, BSPT and metric thread

3809



ØD	C	
4	R1/8	3809 04 10
6	R1/8	3809 06 10
6	R1/4	3809 06 13
8	R1/8	3809 08 10
8	R1/4	3809 08 13
10	R1/4	3809 10 13
10	R3/8	3809 10 17

3899



ØD	C	
4	M5x0,8	3899 04 19

equal tee

equal elbow

3802



ØD	
4	3802 04 00
6	3802 06 00
8	3802 08 00
10	3802 10 00
12	3802 12 00

equal bulkhead connector

equal straight connector

3806



ØD	
4	3806 04 00
6	3806 06 00
8	3806 08 00
10	3806 10 00
12	3806 12 00

push-in reducer

3804



ØD	
4	3804 04 00
6	3804 06 00
8	3804 08 00
10	3804 10 00
12	3804 12 00

flow control regulators

with threaded fitting, BSPP and metric – recessed adjustment screw



with threaded fitting, BSPP and metric – recessed adjustment screw



7810



C1-C2	
G1/8	7810 10 10
G1/4	7810 13 13
G3/8	7810 17 17
G1/2	7810 21 21

for pneumatic applications

3816



ØD	
4	3816 04 00
6	3816 06 00
8	3816 08 00
10	3816 10 00
12	3816 12 00

for pneumatic applications

3866



ØD	
4	3866 04 06
4	3866 04 08
6	3866 06 08
6	3866 06 10
8	3866 08 10
8	3866 08 12
10	3866 10 12

non-return valves

unidirectional, female-female, BSPP thread



4890



C	DN	
G1/8	10	4890 10 10
G1/4	10	4890 13 13
G3/8	15	4890 17 17
G1/2	15	4890 21 21
G3/4	20	4890 27 27
G1"	25	4890 34 34

Working pressure : 0,5 to 40 bar
Materials : body : stainless steel, 'O' ring seals : FKM

Working temperature : -20° to +180°C

Email Enquiries: admin@hishose.com.au

Ref: 18-0108

E & O.E 2008

ONE PIECE STAINLESS STEEL BALL VALVE

REDUCED BORE

Size: 1/4"-2"
Rating: 1000psi complete with locking
Body: T316 stainless steel
Temperature Range: -60°F to 450°F
Threads: BSP



Product No.	Size mm	Size inches
300/6	6	1/4
300/10	10	3/8
300/12	12	1/2
300/20	20	3/4
300/25	25	1
300/32	32	1.1/4
300/38	38	1.1/2
300/50	50	2

TWO PIECE STAINLESS STEEL BALL VALVE

FULL BORE

Size: 1/4"-2"
Rating: 1000psi complete with locking
Body: T316 stainless steel
Temperature Range: -60°F to 450°F
Threads: BSP



Product No.	Size mm	Size inches
301/6	6	1/4
301/10	10	3/8
301/12	12	1/2
301/20	20	3/4
301/25	25	1
301/32	32	1.1/4
301/38	38	1.1/2
301/50	50	2
301/65	65	2.1/2
301/80	80	3

THREE PIECE STAINLESS STEEL BALL VALVE

FULL BORE

Size: 1/4"-2"
Rating: 1000psi complete with locking
Body: T316 stainless steel
Temperature Range: -60°F to 450°F
Threads: BSP



Product No.	Size mm	Size inches
303/6	6	1/4
303/10	10	3/8
303/12	12	1/2
303/20	20	3/4
303/25	25	1
303/32	32	1.1/4
303/38	38	1.1/2
303/50	50	2
303/65	65	2.1/2
303/80	80	3
303/100	100	4

NOTE: Please contact the Sales Department of H.I.S. Hose for other fitting types and threads.

Email Enquiries: admin@hishose.com.au

SWIVEL JOINTS



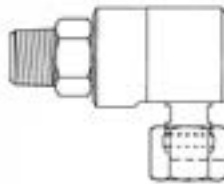
SWIVEL JOINTS STAINLESS STEEL

Product No.	Thread Size (BSPT)	Maximum Working Pressure psi
AFSWJ-04-04SS	1/4-19	5000
AFSWJ-06-06SS	3/8-19	5000
AFSWJ-08-08SS	1/2-14	5000
AFSWJ-12-12SS	3/4-14	4500
AFSWJ-16-16SS	1-11	4000



SWIVEL JOINTS STAINLESS STEEL 90°

Product No.	Thread Size (BSPT)	Maximum Working Pressure psi
AFSWJ90-04-04SS	1/4-19	5000
AFSWJ90-06-06SS	3/8-19	5000
AFSWJ90-08-08SS	1/2-14	5000
AFSWJ90-12-12SS	3/4-14	4500
AFSWJ90-16-16SS	1-11	4000
AFSWJ90-20-20SS	1.1/4-11	4000
AFSWJ90-24-24SS	1.1/2-11	4000



PLEASE NOTE: Other styles and thread types available on application.

STAINLESS STEEL FITTINGS

SWIVEL JOINTS



H.I.S. HOSE

Proprietary Limited



ON-SITE INSTALLATION & SERVICE

1800 803 222

FLUID POWER SERVICE