

STAINLESS HYDRAULIC FITTINGS
Douglas B Foote Ltd



DBF STAINLESS HYDRAULIC FITTINGS

Douglas B Foote Ltd

The Company

DBF is a family company formed some 40 years ago and continues to be New Zealand owned and operated. The company is located in purpose built premises on Auckland's North Shore.

DBF has continued to provide production and general machining services to industry as well as diversifying into other specialist engineering areas including:

- Hydraulics
- Stainless Steel Hydraulic Fittings
- Scuba Dive Hoses & Adaptors

DBF Stainless Steel Fittings are **New Zealand Made** to service the domestic market along with being exported throughout Australia and the Pacific Islands.

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Our Company Objective

*By performing beyond expectations our customers are loyal.
 Our employees are rewarded with expanded opportunities.
 The company is strengthened by profitable growth.
 Market leadership is achieved.*



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PART NUMBERING SYSTEM

LOWEST ALPHANUMERIC DESIGNATION IS ALWAYS AT END ONE

S 1 B1 J1 08 12

END ONE END TWO

MATERIAL
S=Stainless

SHAPE

- 1=Straight**
2=Compact 90
3=Compact 45
4=Swept 90
5=Swept 45
6=Plug/Cap
7=Tee
8=Cross
9=Nut
- W=Single Olive
X=Double Olive
Y=Flange Clamp
Z=37° Flare Tube Fitting

END TYPE

- A1=Hose Tail Field Replaceable
A2=Hose Tail Crimp
A3=Hose Tail Push On
A4=Hose Tail Low Pressure
- B1=BSPP Male**
B2=BSPP Female Swivel Nut
B3=BSPT Male
B4=BSPT Female Tapped Hole
B5=BSPP Bulkhead
B6=BSPP Positional Male
B7=BSPP Female Tapped Hole
B8=BSPP Flat Face Swivel Nut
B9=BSPT Male Swivel
BW=Butt Weld
- C1=Code 61 SAE O'Ring Flange
C2=Code 62 SAE O'Ring Flange
C3=Convolute
C4=Compression Imperial
C5=Compression Metric
- J1=JIC Male**
J2=JIC Bulkhead
J3=JIC Female Swivel Nut
J4=JIS BSPP Inverted Male
J5=JIS BSPP Inverted Female Swivel Nut
- M1=Metric Male DIN Light
M2=Metric Female DIN Light Swivel Nut
M3=Metric Male DIN Heavy
M4=Metric Female DIN Heavy O'Ring
M5=Metric Female DIN Heavy Swivel Nut
M6=Metric Male Komatsu
M7=Metric Female Komatsu
M8=Metric Stud
- N1=NPT Male
N2=NPT Female Tapped Hole
N3=NPSM Female Swivel Nut
- O1=ORFS Male
O2=ORFS Female
- S1=SAE Male
S2=SAE Female Swivel Nut
S3=Socket Weld
S4=Stand Pipe Imperial
S5=Stand Pipe Metric
S6=Staple lock Male
S7=SAE Male Inverted
- T1=Tube Weld Female Imperial
T2=Tube Weld Female Metric
T3= Schedule Pipe
- U1=UN O'Ring Male
U2=UN O'Ring Male Positional
U3=UN O'Ring Female

SIZE

- 01=1/16
02=1/8
03=3/16
04=1/4
05=5/16
06=3/8
07=7/16
08=1/2
09=9/16
10=5/8
12=3/4
14=7/8
16=1
17=1.1/16
19=1.3/16
20=1.1/4
21=1.5/16
24=1.1/2
26=1.5/8
30=1.7/8
32=2
40=2.1/2
48=3
64=4
80=5

FERRULE SELECTION AND SWAGE DIAMETER CHART FOR DBF 316 STAINLESS FITTINGS

Caution

DIAMETERS DETAILED IN THIS CHART ARE A GUIDE ONLY
TEST ALL HOSE ASSEMBLIES
USE ONLY 8 JAW SWAGING MACHINE

<i>Bore</i>	HOSE	R1T	R2T	R7& 8	R12	R14	R1AT	R2AT
-04 <i>1/4</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-04 17.2	SFN-04 18.1	SF8-04 16.5		SFT-04 12.9		
-06 <i>3/8</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-06 21.8	SFN-06 22.4	SF8-06 19.5	SF4-06 23.3 28.0	SFT-06 16.2		
-08 <i>1/2</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-08 25.6	SFN-08 26.1	SF8-08 23.4	SF4-08 26.5 27.0	SFT-08 20.6		
-10 <i>5/8</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-10 28.5	SFN-10 28.9			SFT-10 23.8		
-12 <i>3/4</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-12 32.7	SFN-12 33.4	SF8-12 29.3	SF4-12 32.9 39.0	SFT-12 27.0		
-16 <i>1</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-16 41.9	SFN-16 42.5	SF8-16 38.0	SF4-16 40.40 37.0	SFT-16 33.3		
-20 <i>1¼</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-20 50.3	SFN-20 52.6		SF4-20 51.1 52.0		SFS-20 47.5 45	SFS-20 51.1 45.0
-24 <i>1½</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-24 57.0	SFN-24 59.4		SF4-24 57.4 52.0		SFS-24 54.0 50.0	SFS-24 57.4 50.0
-32 <i>2</i>	Ferrule <i>Swage Dia</i> <i>Skive Length</i>	SFN-32 73.2	SFN-32 74.3		SF4-32 72.4 61.0		SFS-32 68.0 60.0	SFS-32 70.3 60.0

Be Aware


*This chart is based on using GATES™ Hose.
Be aware other hose suppliers may not have the same dimensional tolerances,
but may be within SAE Specifications.*

Hose Tails

SWAGE TAILS


Hose Joiner Straight

Part No	End A	End B	Part No	End A	End B
S1 A2 A2 0404	1/4	1/4	S1 A2 A2 0606	3/8	3/8
S1 A2 A2 0808	1/2	1/2	S1 A2 A2 1212	3/4	3/4
S1 A2 A2 1616	1	1	S1 A2 A2 2020	1.1/4	1.1/4
S1 A2 A2 2424	1.1/2	1.1/2	S1 A2 A2 3232	2	2




BSPP Male Straight

Part No	Hose End	BSPP End	Part No	Hose End	BSPP End
S1 A2 B1 0404	1/4	1/4-19	S1 A2 B1 0606	3/8	3/8-19
S1 A2 B1 0808	1/2	1/2-14	S1 A2 B1 1212	3/4	3/4-19
S1 A2 B1 1616	1	1-11	S1 A2 B1 2020	1.1/4	1.1/4-11
S1 A2 B1 2424	1.1/2	1.1/2-11	S1 A2 B1 3232	2	2-11




BSP Female Straight

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S1 A2 B2 0402	1/4	1/8-28	S1 A2 B2 0404	1/4	1/4-19
S1 A2 B2 0406	1/4	3/8-19	S1 A2 B2 0506	5/16	3/8-19
S1 A2 B2 0604	3/8	1/4-19	S1 A2 B2 0606	3/8	3/8-19
S1 A2 B2 0608	3/8	1/2-19	S1 A2 B2 0804	1/2	1/4-19
S1 A2 B2 0806	1/2	3/8-19	S1 A2 B2 0808	1/2	1/2-14
S1 A2 B2 0812	1/2	3/4-14	S1 A2 B2 1010	5/8	5/8-14
S1 A2 B2 1012	5/8	3/4-14	S1 A2 B2 1208	3/4	1/2-14
S1 A2 B2 1212	3/4	3/4-14	S1 A2 B2 1216	3/4	1-11
S1 A2 B2 1612	1	3/4-14	S1 A2 B2 1616	1	1-11
S1 A2 B2 1620	1.1/4	1-11	S1 A2 B2 2020	1.1/4	1.1/4-11
S1 A2 B2 2024	1.1/4	1.1/2-11	S1 A2 B2 2424	1.1/2	1.1/2-11
S1 A2 B2 3232	2	2-11			




BSPT Male Straight

Part No	Hose End	BSPT End	Part No	Hose End	BSPT End
S1 A2 B3 0402	1/4	1/8-28	S1 A2 B3 0404	1/4	1/4-19
S1 A2 B3 0406	1/4	3/8-19	S1 A2 B3 0604	3/8	1/4-19
S1 A2 B3 0606	3/8	3/8-19	S1 A2 B3 0608	3/8	1/2-14
S1 A2 B3 0804	1/2	1/4-19	S1 A2 B3 0806	1/2	3/8-19
S1 A2 B3 0808	1/2	1/2-14	S1 A2 B3 0812	1/2	3/4-14
S1 A2 B3 1208	3/4	1/2-14	S1 A2 B3 1212	3/4	3/4-14
S1 A2 B3 1216	3/4	1-11	S1 A2 B3 1612	1	3/4-11
S1 A2 B3 1616	1	1-11	S1 A2 B3 2020	1.1/4	1.1/4-11
S1 A2 B3 2424	1.1/2	1.1/2-11	S1 A2 B3 3232	2	2-11




BSP Female 90° Compact

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S2 A2 B2 0404	1/4	1/4-19	S2 A2 B2 0606	3/8	3/8-19
S2 A2 B2 0608	3/8	1/2-14	S2 A2 B2 0806	1/2	3/8-19
S2 A2 B2 0808	1/2	1/2-14	S2 A2 B2 1212	3/4	3/4-14
S2 A2 B2 1616	1	1-11	S2 A2 B2 2020	1.1/4	1.1/4-11
S2 A2 B2 2424	1.1/2	1.1/2-11	S2 A2 B2 3232	2	2-11




BSP Swivel Flatface Female Straight

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S1 A2 B8 0404	1/4	1/4-19	S1 A2 B8 0412	1/4	3/4-14
S1 A2 B8 0606	3/8	3/8-19	S1 A2 B8 0608	3/8	1/2-14
S1 A2 B8 0808	1/2	1/2-14	S1 A2 B8 0812	1/2	3/4-14
S1 A2 B8 1212	3/4	3/4-14	S1 A2 B8 1616	1	1-11




BSP Female 45° Compact

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S3 A2 B2 0404	1/4	1/4-19	S3 A2 B2 0606	3/8	3/8-19
S3 A2 B2 0808	1/2	1/2-14	S3 A2 B2 1212	3/4	3/4-14
S3 A2 B2 1616	1	1-11			




BSP Female 90° Swept

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S4 A2 B2 0404	1/4	1/4-19	S4 A2 B2 0606	3/8	3/8-19
S4 A2 B2 0608	3/8	1/2-14	S4 A2 B2 0808	1/2	1/2-14
S4 A2 B2 0812	1/2	3/4-14	S4 A2 B2 1010	5/8	5/8-14
S4 A2 B2 1212	3/4	3/4-14	S4 A2 B2 1616	1	1-11
S4 A2 B2 2020	1.1/4	1.1/4-11	S4 A2 B2 2424	1.1/2	1.1/2-11
S4 A2 B2 3232	2	2-11			




BSP Female Swept 45 Deg

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S5 A2 B2 0404	1/4	1/4-19	S5 A2 B2 0606	3/8	3/8-19
S5 A2 B2 0608	3/8	1/2-14	S5 A2 B2 0808	1/2	1/2-14
S5 A2 B2 0812	1/2	3/4-14	S5 A2 B2 1212	3/4	3/4-14
S5 A2 B2 1616	1	1-11	S5 A2 B2 2020	1.1/4	1.1/4-11
S5 A2 B2 2424	1.1/2	1.1/2-11	S5 A2 B2 3232	2	2-11




NPSM Female Straight

Part No	Hose End	NPSM End	Part No	Hose End	NPSM End
S1 A2 N3 0608	3/8	1/2-14	S1 A2 N3 0604	3/8	1/4-18
S1 A2 N3 0404	1/4	1/4-18	S1 A2 N3 0606	3/8	3/8-18
S1 A2 N3 0808	1/2	1/2-14	S1 A2 N3 1212	3/4	3/4-14
S1 A2 N3 1616	1	1-11½	S1 A2 N3 2020	1.1/4	1.1/4-11½
S1 A2 N3 2424	1.1/2	1.1/2-11½	S1 A2 N3 3232	2	2-11½




NPSM Female 90° Compact

Part No	Hose End	NPSM End	Part No	Hose End	NPSM End
S2 A2 N3 0404	1/4	1/4-18	S2 A2 N3 0606	3/8	3/8-18
S2 A2 N3 0808	1/2	1/2-14	S2 A2 N3 1212	3/4	3/4-14
S2 A2 N3 1616	1	1-11½	S2 A2 N3 2020	1.1/4	1.1/4-11½
S2 A2 N3 2424	1.1/2	1.1/2-11½	S2 A2 N3 3232	2	2-11½




NPSM Female 90° Swept

Part No	Hose End	NPSM End	Part No	Hose End	NPSM End
S4 A2 N3 0404	1/4	1/4-18	S4 A2 N3 0606	3/8	3/8-18
S4 A2 N3 0808	1/2	1/2-14	S4 A2 N3 1212	3/4	3/4-14
S4 A2 N3 1616	1	1-11½	S4 A2 N3 2020	1.1/4	1.1/4-11½
S4 A2 N3 2424	1.1/2	1.1/2-11½	S4 A2 N3 3232	2	2-11½




NPT Male Straight

Part No	Hose End	NPT End	Part No	Hose End	NPT End
S1 A2 N1 0402	1/4	1/8-27	S1 A2 N1 0404	1/4	1/4-18
S1 A2 N1 0406	1/4	3/8-18	S1 A2 N1 0604	3/8	1/4-18
S1 A2 N1 0606	3/8	3/8-18	S1 A2 N1 0608	3/8	1/2-14
S1 A2 N1 0806	1/2	3/8-18	S1 A2 N1 0808	1/2	1/2-14
S1 A2 N1 0812	1/2	3/4-14	S1 A2 N1 1208	3/4	1/2-14
S1 A2 N1 1212	3/4	3/4-14	S1 A2 N1 1612	1	3/4-14
S1 A2 N1 1216	3/4	1-11½	S1 A2 N1 1616	1	1-11½
S1 A2 N1 2020	1.1/4	1.1/4-11½	S1 A2 N1 2424	1.1/2	1.1/2-11½
S1 A2 N1 3232	2	2-11½			




SAE Code 61 'O' Ring Flange Straight

Part No	Hose End	Flange End	Part No	Hose End	Flange End
S1 A2 C1 1212	3/4	3/4	S1 A2 C1 1216	3/4	1
S1 A2 C1 1616	1	1	S1 A2 C1 1620	1	1.1/4
S1 A2 C1 2020	1.1/4	1.1/4	S1 A2 C1 2024	1.1/4	1.1/2
S1 A2 C1 2424	1.1/2	1.1/2	S1 A2 C1 2432	1.1/2	2
S1 A2 C1 3232	2	2	S1 A2 C1 3240	2	2.1/2
S1 A2 C1 4040	2.1/2	2.1/2			




SAE Code 61 'O' Ring Flange 90° Swept

Part No	Hose End	Flange End	Part No	Hose End	Flange End
S4 A2 C1 1212	3/4	3/4	S4 A2 C1 1216	3/4	1
S4 A2 C1 1616	1	1	S4 A2 C1 1620	1	1.1/4
S4 A2 C1 2020	1.1/4	1.1/4	S4 A2 C1 2024	1.1/4	1.1/2
S4 A2 C1 2424	1.1/2	1.1/2	S4 A2 C1 2432	1.1/2	2
S4 A2 C1 3232	2	2			




SAE Code 62 'O' Ring Flange Straight

Part No	Hose End	Flange End	Part No	Hose End	Flange End
S1 A2 C2 1212	3/4	3/4	S1 A2 C2 1216	3/4	1
S1 A2 C2 1616	1	1	S1 A2 C2 1620	1	1.1/4
S1 A2 C2 2020	1.1/4	1.1/4	S1 A2 C2 2024	1.1/4	1.1/2
S1 A2 C2 2424	1.1/2	1.1/2	S1 A2 C2 2432	1.1/2	2
S1 A2 C2 3232	2	2			




SAE Code 62 'O' Ring Flange 90° Swept

Part No	Hose End	Flange End	Part No	Hose End	Flange End
S4 A2 C2 1212	3/4	3/4	S4 A2 C2 1216	3/4	1
S4 A2 C2 1616	1	1	S4 A2 C2 1620	1	1.1/4
S4 A2 C2 2020	1.1/4	1.1/4	S4 A2 C2 2024	1.1/4	1.1/2
S4 A2 C2 2424	1.1/2	1.1/2	S4 A2 C2 2432	1.1/2	2
S4 A2 C2 3232	2	2	S4 A2 C1 3240	2	2.1/2
S4 A2 C1 4040	2.1/2	2.1/2			




JIC Male Straight

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S1 A2 J1 0407	1/4	7/16-20	S1 A2 J1 0408	1/4	1/2-20
S1 A2 J1 0409	1/4	9/16-18	S1 A2 J1 0609	3/8	9/16-18
S1 A2 J1 0612	3/8	3/4-16	S1 A2 J1 0812	1/2	3/4-16
S1 A2 J1 0814	1/2	7/8-14	S1 A2 J1 1217	3/4	1.1/16-12
S1 A2 J1 1621	1	1.5/16-12	S1 A2 J1 2026	1.1/4	1.5/8-12
S1 A2 J1 2430	1.1/2	1.7/8-12	S1 A2 J1 3240	2	2.1/2-12




JIC Female Straight

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S1 A2 J3 0207	1/8	7/16-20	S1 A2 J3 0307	3/16	7/16-20
S1 A2 J3 0407	1/4	7/16-20	S1 A2 J3 0408	1/4	1/2-20
S1 A2 J3 0409	1/4	9/16-18	S1 A2 J3 0609	3/8	9/16-18
S1 A2 J3 0612	3/8	3/4-16	S1 A2 J3 0812	1/2	3/4-16
S1 A2 J3 0814	1/2	7/8-14	S1 A2 J3 0817	1/2	1.1/16-12
S1 A2 J3 1012	5/8	3/4-16	S1 A2 J3 1014	5/8	7/8-14
S1 A2 J3 1017	5/8	1.1/16-12	S1 A2 J3 1217	3/4	1.1/16-12
S1 A2 J3 1621	1	1.5/16-12	S1 A2 J3 2026	1.1/4	1.5/8-12
S1 A2 J3 2430	1.1/2	1.7/8-12	S1 A2 J3 3240	2	2.1/2-12




JIC Female 90° Compact

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S2 A2 J3 0407	1/4	7/16-20	S2 A2 J3 0408	1/4	1/2-20
S2 A2 J3 0409	1/4	9/16-18	S2 A2 J3 0609	3/8	9/16-18
S2 A2 J3 0612	3/8	3/4-16	S2 A2 J3 0812	1/2	3/4-16
S2 A2 J3 0814	1/2	7/8-14	S2 A2 J3 1217	3/4	1.1/16-12
S2 A2 J3 1621	1	1.5/16-12	S2 A2 J3 2026	1.1/4	1.5/8-12




JIC Female 45° Compact

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S3 A2 J3 0407	1/4	7/16-20	S3 A2 J3 0409	1/4	9/16-18
S3 A2 J3 0609	3/8	9/16-18	S3 A2 J3 0612	3/8	3/4-16
S3 A2 J3 0812	1/2	3/4-16	S3 A2 J3 0814	1/2	7/8-14
S3 A2 J3 1217	3/4	1.1/16-12	S3 A2 J3 1621	1	1.5/16-12




JIC Female 90° Swept

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S4 A2 J3 0407	1/4	7/16-20	S4 A2 J3 0408	1/4	1/2-20
S4 A2 J3 0409	1/4	9/16-18	S4 A2 J3 0607	3/8	7/16-20
S4 A2 J3 0608	3/8	1/2-20	S4 A2 J3 0609	3/8	9/16-18
S4 A2 J3 0612	3/8	3/4-16	S4 A2 J3 0812	1/2	3/4-16
S4 A2 J3 0814	1/2	7/8-14	S4 A2 J3 0817	1/2	1.1/16-12
S4 A2 J3 1012	5/8	3/4-16	S4 A2 J3 1014	5/8	7/8-14
S4 A2 J3 1217	3/4	1.1/16-12	S4 A2 J3 1621	1	1.5/16-12
S4 A2 J3 1626	1	1.5/8-12	S4 A2 J3 2026	1.1/4	1.5/8-12
S4 A2 J3 2430	1.1/2	1.7/8-12	S4 A2 J3 3240	2	2.1/2-12




JIC Female 45° Swept

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S5 A2 J3 0407	1/4	7/16-20	S5 A2 J3 0408	1/4	1/2-20
S5 A2 J3 0409	1/4	9/16-18	S5 A2 J3 0609	3/8	9/16-18
S5 A2 J3 0612	3/8	3/4-16	S5 A2 J3 0812	1/2	3/4-16
S5 A2 J3 0814	1/2	7/8-14	S5 A2 J3 1014	5/8	7/8-14
S5 A2 J3 1217	3/4	1.1/16-12	S5 A2 J3 1221	3/4	1.5/16-12
S5 A2 J3 1621	1	1.5/16-12	S5 A2 J3 1626	1	1.5/8-12
S5 A2 J3 2026	1.1/4	1.5/8-12	S5 A2 J3 2430	1.1/2	1.7/8-12
S5 A2 J3 3240	2	2.1/2-12			




Metric Din Light Male Straight

Part No	Hose End	Metric End	Tube Dia	Part No	Hose End	Metric End	Tube Dia
S1 A2 M1 0618	3/8	M18 x 1.5	12	S1 A2 M1 0816	1/2	M18 X 1.5	10
S1 A2 M1 0822	1/2	M22 x 1.5	15	S1 A2 M1 1230	3/4	M30 x 2	22




Metric DIN Light Straight Female

Part No	Hose End	Metric End	Tube Dia	Part No	Hose End	Metric End	Tube Dia
S1 A2 M2 0826	1/2	M26 x 1.5	18	S1 A2 M2 1026	5/8	M26 x 1.5	18
S1 A2 M2 0412	1/4	M12 x 1.5	6	S1 A2 M2 0414	1/4	M14 x 1.5	8
S1 A2 M2 0416	1/4	M16 x 1.5	10	S1 A2 M2 0616	3/8	M16 x 1.5	10
S1 A2 M2 0618	3/8	M18 x 1.5	12	S1 A2 M2 0622	3/8	M22 x 1.5	15
S1 A2 M2 0816	1/2	M16 x 1.5	10	S1 A2 M2 0818	1/2	M18 x 1.5	12
S1 A2 M2 0822	1/2	M22 x 1.5	15	S1 A2 M2 1226	3/4	M26 x 1.5	18
S1 A2 M2 1230	3/4	M30 x 2	22	S1 A2 M2 1236	3/4	M36 x 2	28
S1 A2 M2 1636	1	M36 x 2	28	S1 A2 M2 2045	1.1/4	M45 x 2	35
S1 A2 M2 2452	1.1/2	M52 x 2	42				




Metric DIN Light 90° Swept

Part No	Hose End	Metric End	Tube Dia	Part No	Hose End	Metric End	Tube Dia
S4 A2 M2 0616	3/8	M16 x 1.5	10	S4 A2 M2 0414	1/4	M14 x 1.5	8
S4 A2 M2 0412	1/4	M12 x 1.5	6	S4 A2 M2 0618	3/8	M18 x 1.5	12
S4 A2 M2 0622	3/8	M22 x 1.5	15	S4 A2 M2 0818	1/2	M18 x 1.5	12
S4 A2 M2 0822	1/2	M22 x 1.5	15	S4 A2 M2 1230	3/4	M30 x 2	22
S4 A2 M2 1236	3/4	M36 x 2	28	S4 A2 M2 1636	1	M36 x 2	28
S4 A2 M2 2045	1.1/4	M45 x 2	35	S4 A2 M2 2452	1.1/2	M52 x 2	42




Metric DIN Heavy Male Straight

Part No	Hose End	Metric End	Tube Dia	Part No	Hose End	Metric End	Tube Dia
S1 A2 M3 0620	3/8	M20 x 1.5	12	S1 A2 M3 0824	1/2	M24 x 1.5	16
S1 A2 M3 1230	3/4	M30 x 2	20	S1 A2 M3 1642	1	M42 x 2	30




Metric DIN Heavy Straight Female

Part No	Hose End	Metric End	Tube Dia	Part No	Hose End	Metric End	Tube Dia
S1 A2 M5 0414	1/4	M14 x 1.5	6	S1 A2 M5 0416	1/4	M16 x 1.5	8
S1 A2 M5 0418	1/4	M18 x 1.5	10	S1 A2 M5 0614	3/8	M14 x 1.5	6
S1 A2 M5 0616	3/8	M 16x 1.5	8	S1 A2 M5 0618	3/8	M 18x 1.5	10
S1 A2 M5 0620	3/8	M 20x 1.5	12	S1 A2 M5 0622	3/8	M22 x 1.5	14
S1 A2 M5 0624	3/8	M24 x 1.5	16	S1 A2 M5 0820	1/2	M 20x 1.5	12
S1 A2 M5 0822	1/2	M22 x 1.5	14	S1 A2 M5 0824	1/2	M24 x 1.5	16
S1 A2 M5 1230	3/4	M30 x 2	20	S1 A2 M5 1236	3/4	M36 x 2	25
S1 A2 M5 1642	1	M42 x 2	30	S1 A2 M5 2052	1.1/4	M52 x 2	38




Metric DIN Heavy 90° Swept

Part No	Hose End	Metric End	Tube Dia	Part No	Hose End	Metric End	Tube Dia
S4 A2 M5 0822	1/2	M25 x 1.5	14	S4 A2 M5 0416	1/4	M16 x 1.5	8
S4 A2 M5 0418	1/4	M18 x 1.5	10	S4 A2 M5 0616	3/8	M16 x 1.5	8
S4 A2 M5 0618	3/8	M18 x 1.5	10	S4 A2 M5 0620	3/8	M20 x 1.5	12
S4 A2 M5 0622	3/8	M22 x 1.5	14	S4 A2 M5 0820	1/2	M20 x 1.5	12
S4 A2 M5 0824	1/2	M24 x 1.5	16	S4 A2 M5 1230	3/4	M30 x 2	20
S4 A2 M5 1236	3/4	M36 x 2	25	S4 A2 M5 1642	1	M42 x 2	30
S4 A2 M5 2052	1.1/4	M52 x 2	38				



Stand Pipe Imperial Straight

Part No	Hose End	Tube Dia	Part No	Hose End	Tube Dia
S1 A2 S4 0204	1/8	1/4	S1 A2 S4 0404	1/4	1/4
S1 A2 S4 0406	1/4	3/8	S1 A2 S4 0604	3/8	1/4
S1 A2 S4 0606	3/8	3/8	S1 A2 S4 0608	3/8	1/2
S1 A2 S4 0808	1/2	1/2	S1 A2 S4 1212	3/4	3/4
S1 A2 S4 1616	1	1	S1 A2 S4 1620	1	1 1/4
S1 A2 S4 2020	1.1/4	1.1/4	S1 A2 S4 2424	1.1/2	1.1/2
S1 A2 S4 3232	2	2			



Stand Pipe Metric Straight

Part No	Hose End	Tube Dia	Part No	Hose End	Tube Dia
S1 A2 S5 0406	1/4	6	S1 A2 S5 0408	1/4	8
S1 A2 S5 0410	1/4	10	S1 A2 S5 0610	3/8	10
S1 A2 S5 0612	3/8	12	S1 A2 S5 0812	1/2	12
S1 A2 S5 0815	1/2	15	S1 A2 S5 0816	1/2	16
S1 A2 S5 0818	1/2	18	S1 A2 S5 1018	5/8	18
S1 A2 S5 1222	3/4	22	S1 A2 S5 1225	3/4	25
S1 A2 S5 1625	1	25	S1 A2 S5 1628	1	28
S1 A2 S5 1630	1	30			



'O'Ring Face Seal Straight (ORFS)

Part No	Hose End	ORFS End	Part No	Hose End	ORFS End
S1 A2 O2 0409	1/4	9/16-18	S1 A2 O2 0411	1/4	11/16-16
S1 A2 O2 0609	3/8	9/16-18	S1 A2 O2 0611	3/8	11/16-18
S1 A2 O2 0613	3/8	13/16-16	S1 A2 O2 0811	1/2	11/16-18
S1 A2 O2 0813	1/2	13/16-16	S1 A2 O2 0816	1/2	1-14
S1 A2 O2 1216	3/4	1-14	S1 A2 O2 1219	3/4	1.3/16-13
S1 A2 O2 1223	3/4	1.7/16-12	S1 A2 O2 1619	1	1.3/16-13
S1 A2 O2 1623	1	1.7/16-12	S1 A2 O2 1627	1	1.11/16-12
S1 A2 O2 2023	1.1/4	1.7/16-12	S1 A2 O2 2027	1.1/4	1.11/16-12




UN 'O' Ring Straight

Part No	Hose End	UN 'O' End	Part No	Hose End	UN 'O' End
S1 A2 U1 0407	1/4	7/16-20	S1 A2 U1 0409	1/4	9/16-18
S1 A2 U1 0609	3/8	9/16-18	S1 A2 U1 0612	3/8	3/4-16
S1 A2 U1 0812	1/2	3/4-16	S1 A2 U1 0814	1/2	7/8-14
S1 A2 U1 1217	3/4	1.1/16-12	S1 A2 U1 1621	1	1.5/16-12




'O' Ring Face Seal 90° Swept (ORFS)

Part No	Hose End	ORFS End	Part No	Hose End	ORFS End
S4 A2 O2 0811	1/2	11/16-16	S4 A2 O2 0813	1/2	13/16-14
S4 A2 O2 0816	1/2	1-14	S4 A2 O2 1216	3/4	1-14
S4 A2 O2 1219	3/4	1.3/16-12	S4 A2 O2 1223	3/4	1.7/16-12
S4 A2 O2 1619	1	1.3/16-12	S4 A2 O2 1623	1	1.7/16-12
S4 A2 O2 1627	1	1.11/16-12	S4 A2 O2 2023	1.1/4	1.7/16-12
S4 A2 O2 2027	1.1/4	1.11/16-12			



JIS Female Straight


Part No	LH Number	RH Number	FRH Number	RH1 Number	Part No	LH Number	RH Number	FRH Number	RH1 Number
S1A2J50404	1/4	1/4			S1A2J50606	3/8	3/8		
S1A2J51212	3/4	3/4			S1A2J50808	1/2	1/2		
S1A2J51616	1	1							



FIELD REPLACEABLE TAILS


BSP Female Straight (FR)

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S1 A1 B2 0404	1/4	1/4-19	S1 A1 B2 0606	3/8	3/8-19
S1 A1 B2 0808	1/2	1/2-14	S1 A1 B2 1212	3/4	3/4-14
S1 A1 B2 1616	1	1-11			




BSPT Male Straight (FR)

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S1 A1 B3 0404	1/4	1/4-19	S1 A1 B3 0606	3/8	3/8-19
S1 A1 B3 0808	1/2	1/2-14	S1 A1 B3 1212	3/4	3/4-14
S1 A1 B3 1616	1	1-11			




JIC Female Straight (FR)

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S1 A1 J3 0407	1/4	7/16-20	S1 A1 J3 0408	1/4	1/2-14
S1 A1 J3 0409	1/4	9/16-18	S1 A1 J3 0609	3/8	9/16-18
S1 A1 J3 0612	3/8	3/4-16	S1 A1 J3 0812	1/2	3/4-16
S1 A1 J3 0814	1/2	7/8-14	S1 A1 J3 1217	3/4	1.1/16-12
S1 A1 J3 1621	1	1.5/16-12			




BSP Female 90° Swept (FR)

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S4 A1 B2 0404	1/4	1/4-19	S4 A1 B2 0606	3/8	3/8-19
S4 A1 B2 0808	1/2	1/2-14	S4 A1 B2 1212	3/4	3/4-14
S4 A1 B2 1616	1	1-11			



JIC Female 90° Swept (FR)


Part No	Hose End	JIC End	Part No	Hose End	JIC End
S4 A1 J3 0407	1/4	7/16-20	S4 A1 J3 0408	1/4	1/2-16
S4 A1 J3 0409	1/4	9/16-18	S4 A1 J3 0609	3/8	9/16-18
S4 A1 J3 0812	1/2	3/4-16	S4 A1 J3 0814	1/2	7/8-14
S4 A1 J3 1217	3/4	1.1/16-12	S4 A1 J3 1621	1	1.5/16-12



FERRULES


Swage

Part No	Hose Type	Part No	Hose Type
SFN	SAE 100 R1/R2T Non-Skive	SF4	SAE 100 R12 4 Wire Multi-spiral
SF8	SAE 100 R7/R8 Thermoplastic	SFT	SAE 100 R14 STST Braid PTFE



Field Replaceable


Part No	Hose Type	Part No	Hose Type
SFRN1	SAE 100 R1T Non- Skive	SFRN2	SAE 100 R2T Non- Skive



PUSH ON TAILS


Hose Joiner Straight (Push On)

Part No	End 1	End 2	Part No	End 1	End 2
S1 A3 A3 0404	1/4	1/4	S1 A3 A3 0606	3/8	3/8
S1 A3 A3 0808	1/2	1/2	S1 A3 A3 1212	3/4	3/4
S1 A3 A3 1212	3/4	3/4			




BSP Female Swivel Straight (Push On)

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S1 A3 B2 0404	1/4	1/4-19	S1 A3 B2 0406	1/4	3/8-19
S1 A3 B2 0606	3/8	3/8-19	S1 A3 B2 0608	3/8	1/2-14
S1 A3 B2 0808	1/2	1/2-14	S1 A3 B2 1212	3/4	3/4-14
S1 A3 B2 1616	1	1-11			




BSPT Male Straight (Push On)

Part No	Hose End	BSPT End	Part No	Hose End	BSPT End
S1 A3 B3 0402	1/4	1/8-19	S1 A3 B3 0404	1/4	1/4-19
S1 A3 B3 0406	1/4	3/8-19	S1 A3 B3 0504	5/16	1/4-19
S1 A3 B3 0604	3/8	1/4-19	S1 A3 B3 0606	3/8	3/8-19
S1 A3 B3 0608	3/8	1/2-14	S1 A3 B3 0804	1/2	1/4-19
S1 A3 B3 0806	1/2	3/8-19	S1 A3 B3 0808	1/2	1/2-14
S1 A3 B3 0812	1/2	3/4-14	S1 A3 B3 1212	3/4	3/4-14
S1 A3 B3 1616	1	1-11			




JIC Male Straight (Push On)

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S1 A3 J1 0407	1/4	7/16-20	S1 A3 J1 0408	1/4	1/2-20
S1 A3 J1 0409	1/4	9/16-18	S1 A3 J1 0609	3/8	9/16-18
S1 A3 J1 0612	3/8	3/4-16	S1 A3 J1 0812	1/2	3/4-16
S1 A3 J1 0814	1/2	7/8-14	S1 A3 J11217	3/4	1.1/16-12




JIC Female Swivel Straight (Push On)

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S1 A3 J3 0407	1/4	7/16-20	S1 A3 J3 0408	1/4	1/2-20
S1 A3 J3 0409	1/4	9/16-18	S1 A3 J3 0609	3/8	9/16-18
S1 A3 J3 0612	3/8	3/4-16	S1 A3 J3 0812	1/2	3/4-16
S1 A3 J3 0814	1/2	7/8-14	S1 A3 J3 1217	3/4	1.1/16-12
S1 A3 J3 1621	1	1.5/16-12			




BSP Female Swivel 90° Swept (Push On)

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S4 A3 B2 0404	1/4	1/4-19	S4 A3 B2 0606	3/8	3/8-19
S4 A3 B2 0808	1/2	1/2-14	S4 A3 B2 1212	3/4	3/4-14
S4 A3 B2 1616	1	1-11			




JIC Female Swivel 90° Swept (Push On)

Part No	Hose End	JIC End	Part No	Hose End	JIC End
S4 A3 J3 0407	1/4	7/16-20	S4 A3 J3 0408	1/4	1/2-20
S4 A3 J3 0409	1/4	9/16-18	S4 A3 J3 0609	3/8	9/16-18
S4 A3 J3 0612	3/8	3/4-16	S4 A3 J3 0812	1/2	3/4-16
S4 A3 J3 0814	1/2	7/8-14	S4 A3 J3 1217	3/4	1.1/16-12
S4 A3 J3 1621	1	1.5/16-12			




BSP Female Swivel 45° Swept (Push On)

Part No	Hose End	BSP End	Part No	Hose End	BSP End
S5 A3 B2 0404	1/4	1/4-19	S5 A3 B2 0606	3/8	3/8-19
S5 A3 B2 0808	1/2	1/2-14	S5 A3 B2 1212	3/4	3/4-14
S5 A3 B2 1616	1	1-11			



JIC Female Swivel 45° Swept (Push On)

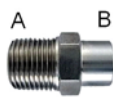
Part No	Hose End	JIC End	Part No	Hose End	JIC End
S5 A3 J3 0407	1/4	7/16-20	S5 A3 J3 0408	1/4	1/2-20
S5 A3 J3 0409	1/4	9/16-18	S5 A3 J3 0609	3/8	9/16-18
S5 A3 J3 0612	3/8	3/4-16	S5 A3 J3 0812	1/2	3/4-16
S5 A3 J3 0814	1/2	7/8-14	S5 A3 J3 1217	3/4	1.1/16-12
S5 A3 J3 1621	1	1.5/16-12			



CONVOLUTED HOSE ENDS

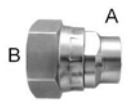
BSPP Dowty (A) x Con (Convoluted)

Part No	Thread (A)	Con (B)	Part No	Thread (A)	Con (B)
S1B1C30404	1/4	1/4-18	S1B1C30606	3/8-18	3/8
S1B1C30808	1/2-14	1/2	S1B1C31212	3/4-14	3/4
S1B1C31616	1-11	1	S1B1C32424	1.1/4-11	1.1/4



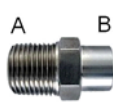
BSPP Female Swivel (A) x CON (Convoluted)

Part No	Thread A	CON Ø B	Part No	Thread A	CON Ø B
S1 B2 C3 0404	1/4-19	1/4	S1 B2 C3 0606	3/8-19	3/8
S1 B2 C3 0808	1/2-14	1/2	S1 B2 C3 1212	3/4-16	3/4
S1 B2 C3 1616	1-11	1	S1 B2 C3 2020	1.1/4-11	1.1/4
S1 B2 C3 2424	1.1/2-11	1.1/2	S1 B2 C3 3232	2-11	2




BSPT Male (A) x CON (Convoluted)

Part No	Thread A	CON Ø B	Part No	Thread A	CON Ø B
S1 B3 C3 0404	1/4-19	1/4	S1 B3 C3 0606	3/8-19	3/8
S1 B3 C3 0808	1/2-14	1/2	S1 B3 C3 1212	3/4-16	3/4
S1 B3 C3 1616	1-11	1	S1 B3 C3 2020	1.1/4-11	1.1/4
S1 B3 C3 2424	1.1/2-11	1.1/2	S1 B3 C3 3232	2-11	2



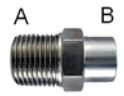
JIC Female Swivel (A) x CON (Convoluted)

Part No	CON Ø B	Thread A	Part No	CON Ø B	Thread A
S1 C3 J3 0407	1/4	7/16-20	S1 C3 J3 0609	3/8	9/16-18
S1 C3 J3 0812	1/2	3/4-16	S1 C3 J3 1217	3/4	1.1/16-12
S1 C3 J3 1621	1	1.5/16-12	S1 C3 J3 2026	1.1/4	1.5/8-12
S1 C3 J3 2430	1.1/2	1.7/8-12			



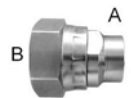
NPT Male (A) x CON (Convolute)

Part No	CON Ø B	Thread A	Part No	CON Ø B	Thread A
S1 C3 N1 0404	1/4	1/4-18	S1 C3 N1 0606	3/8	3/8-18
S1 C3 N1 0808	1/2	1/2-14	S1 C3 N1 1212	3/4	3/4-14
S1 C3 N1 1616	1	1-11½	S1 C3 N1 2020	1.1/4	1.1/4-11½
S1 C3 N1 2424	1.1/2	1.1/2-11½	S1 C3 N1 3232	2	2-11½



NPSM Female Swivel (B) x CON (Convolute)

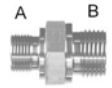
Part No	CON Ø B	Thread A	Part No	CON Ø B	Thread A
S1 C3 N3 0404	1/4	1/4-18	S1 C3 N3 0606	3/8	3/8-18
S1 C3 N3 0808	1/2	1/2-14	S1 C3 N3 1212	3/4	3/4-14
S1 C3 N3 1616	1	1-11½	S1 C3 N3 2020	1.1/4	1.1/4-11½
S1 C3 N3 2424	1.1/2	1.1/2-11½	S1 C3 N3 3232	2	2-11½



Adaptors

NIPPLES

BSPB Dowty (A) x BSPB Dowty Male (B)					
Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 B1 0202	1/8	1/8	S1 B1 B1 0204	1/8	1/4
S1 B1 B1 0404	1/4	1/4	S1 B1 B1 0406	1/4	3/8
S1 B1 B1 0408	1/4	1/2	S1 B1 B1 0606	3/8	3/8
S1 B1 B1 0608	3/8	1/2	S1 B1 B1 0612	3/8	3/4
S1 B1 B1 0808	1/2	1/2	S1 B1 B1 0812	1/2	3/4
S1 B1 B1 0816	1/2	1	S1 B1 B1 1212	3/4	3/4
S1 B1 B1 1216	3/4	1	S1 B1 B1 1220	3/4	1.1/4
S1 B1 B1 1616	1	1	S1 B1 B1 1620	1	1.1/4
S1 B1 B1 1624	1	1.1/2	S1 B1 B1 2020	1.1/4	1.1/4
S1 B1 B1 2024	1.1/4	1.1/2	S1 B1 B1 2032	1.1/4	2
S1 B1 B1 2424	1.1/2	1.1/2	S1 B1 B1 2432	1.1/2	2
S1 B1 B1 3232	2	2			



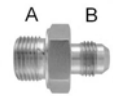
BSPP Dowty (A) x BSPT Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 B3 0202	1/8	1/8	S1 B1 B3 0402	1/4	1/8
S1 B1 B3 0404	1/4	1/4	S1 B1 B3 0406	1/4	3/8
S1 B1 B3 0408	1/4	1/2	S1 B1 B3 0604	3/8	1/4
S1 B1 B3 0606	3/8	3/8	S1 B1 B3 0608	3/8	1/2
S1 B1 B3 0612	3/8	3/4	S1 B1 B3 0804	1/2	1/4
S1 B1 B3 0806	1/2	3/8	S1 B1 B3 0808	1/2	1/2
S1 B1 B3 0812	1/2	3/4	S1 B1 B3 0816	1/2	1
S1 B1 B3 1208	3/4	1/2	S1 B1 B3 1212	3/4	3/4
S1 B1 B3 1216	3/4	1	S1 B1 B3 1220	3/4	1.1/4
S1 B1 B3 1608	1	1/2	S1 B1 B3 1612	1	3/4
S1 B1 B3 1616	1	1	S1 B1 B3 1620	1	1.1/4
S1 B1 B3 1624	1	1.1/2	S1 B1 B3 2016	1.1/4	1
S1 B1 B3 2020	1.1/4	1.1/4	S1 B1 B3 2024	1.1/4	1.1/2
S1 B1 B3 2420	1.1/2	1.1/4	S1 B1 B3 2424	1.1/2	1.1/2
S1 B1 B3 2432	1.1/2	2	S1 B1 B3 3224	2	1.1/2
S1 B1 B3 3232	2	2	S1 B1 B3 3240	2	2 1/2
S1 B1 B3 4040	2.1/2	2.1/2			



BSPP Dowty (A) x JIC Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 J1 0207	1/8	7/16	S1 B1 J1 0209	1/8	9/16
S1 B1 J1 0407	1/4	7/16	S1 B1 J1 0409	1/4	9/16
S1 B1 J1 0607	3/8	7/16	S1 B1 J1 0609	3/8	9/16
S1 B1 J1 0612	3/8	3/4	S1 B1 J1 0614	3/8	7/8
S1 B1 J1 0809	1/2	9/16	S1 B1 J1 0812	1/2	3/4
S1 B1 J1 0814	1/2	7/8	S1 B1 J1 0817	1/2	1.1/16
S1 B1 J1 1209	3/4	9/16	S1 B1 J1 1212	3/4	3/4
S1 B1 J1 1214	3/4	7/8	S1 B1 J1 1217	3/4	1.1/16
S1 B1 J1 1221	3/4	1.5/16	S1 B1 J1 1617	1	1.1/16
S1 B1 J1 1621	1	1.5/16	S1 B1 J1 1626	1	1.5/8
S1 B1 J1 2017	1.1/4	1.1/16	S1 B1 J1 2021	1.1/4	1.5/16
S1 B1 J1 2026	1.1/4	1.5/8	S1 B1 J1 2030	1.1/4	1.7/8
S1 B1 J1 2421	1.1/2	1.5/16	S1 B1 J1 2426	1.1/2	1.5/8
S1 B1 J1 2430	1.1/2	1.7/8	S1 B1 J1 3230	2	1.7/8
S1 B1 J1 3240	2	2.1/2			



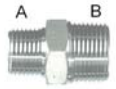
BSPP Dowty (A) x NPT Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 N1 0402	1/4	1/8	S1 B1 N1 0404	1/4	1/4
S1 B1 N1 0604	3/8	1/4	S1 B1 N1 0606	3/8	3/8
S1 B1 N1 0806	1/2	3/8	S1 B1 N1 0808	1/2	1/2
S1 B1 N1 1212	3/4	3/4	S1 B1 N1 1612	1	3/4
S1 B1 N1 1616	1	1	S1 B1 N1 2020	1.1/4	1.1/4
S1 B1 N1 2424	1.1/2	1.1/2	S1 B1 N1 3232	2	2



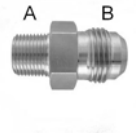
BSPT Male (A) x BSPT Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B3 B3 0202	1/8	1/8	S1 B3 B3 0204	1/8	1/4
S1 B3 B3 0206	1/8	3/8	S1 B3 B3 0404	1/4	1/4
S1 B3 B3 0406	1/4	3/8	S1 B3 B3 0408	1/4	1/2
S1 B3 B3 0412	1/4	3/4	S1 B3 B3 0606	3/8	3/8
S1 B3 B3 0608	3/8	1/2	S1 B3 B3 0612	3/8	3/4
S1 B3 B3 0616	3/8	1	S1 B3 B3 0808	1/2	1/2
S1 B3 B3 0812	1/2	3/4	S1 B3 B3 0816	1/2	1
S1 B3 B3 1012	5/8	3/4	S1 B3 B3 1212	3/4	3/4
S1 B3 B3 1216	3/4	1	S1 B3 B3 1220	3/4	1.1/4
S1 B3 B3 1616	1	1	S1 B3 B3 1620	1	1.1/4
S1 B3 B3 1624	1	1.1/2	S1 B3 B3 2020	1.1/4	1.1/4
S1 B3 B3 2024	1.1/4	1.1/2	S1 B3 B3 2032	1.1/4	2
S1 B3 B3 2424	1.1/2	1.1/2	S1 B3 B3 2432	1.1/2	2
S1 B3 B3 3232	2	2	S1 B3 B3 4040	2.1/2	2.1/2



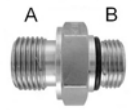
BSPT Male (A) x JIC Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B3 J1 0207	1/8	7/16	S1 B3 J1 0209	1/8	9/16
S1 B3 J1 0407	1/4	7/16	S1 B3 J1 0408	1/4	1/2
S1 B3 J1 0409	1/4	9/16	S1 B3 J1 0412	1/4	3/4
S1 B3 J1 0607	3/8	7/16	S1 B3 J1 0608	3/8	1/2
S1 B3 J1 0609	3/8	9/16	S1 B3 J1 0612	3/8	3/4
S1 B3 J1 0614	3/8	7/8	S1 B3 J1 0807	1/2	7/16
S1 B3 J1 0809	1/2	9/16	S1 B3 J1 0812	1/2	3/4
S1 B3 J1 0814	1/2	7/8	S1 B3 J1 0817	1/2	1.1/16
S1 B3 J1 1209	3/4	9/16	S1 B3 J1 1212	3/4	3/4
S1 B3 J1 1214	3/4	7/8	S1 B3 J1 1217	3/4	1.1/16
S1 B3 J1 1221	3/4	1.5/16	S1 B3 J1 1612	1	3/4
S1 B3 J1 1614	1	7/8	S1 B3 J1 1617	1	1.1/16
S1 B3 J1 1621	1	1.5/16	S1 B3 J1 1626	1	1.5/8
S1 B3 J1 2021	1.1/4	1.5/16	S1 B3 J1 2026	1.1/4	1.5/8
S1 B3 J1 2030	1.1/4	1.7/8	S1 B3 J1 2426	1.1/2	1.5/8
S1 B3 J1 2430	1.1/2	1.7/8	S1 B3 J1 2440	1.1/2	2.1/2
S1 B3 J1 3230	2	1.7/8	S1 B3 J1 3240	2	2.1/2



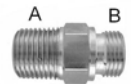
BSPB Dowty (A) x UN 'O' Ring Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 U1 0407	1/4	7/16	S1 B1 U1 0408	1/4	1/2
S1 B1 U1 0409	1/4	9/16	S1 B1 U1 0608	3/8	1/2
S1 B1 U1 0609	3/8	9/16	S1 B1 U1 0612	3/8	3/4
S1 B1 U1 0614	3/8	7/8	S1 B1 U1 0617	3/8	1.1/16
S1 B1 U1 0809	1/2	9/16	S1 B1 U1 0812	1/2	3/4
S1 B1 U1 0814	1/2	7/8	S1 B1 U1 0817	1/2	1.1/16
S1 B1 U1 1212	3/4	3/4	S1 B1 U1 1214	3/4	7/8
S1 B1 U1 1217	3/4	1.1/16	S1 B1 U1 1221	3/4	1.5/16
S1 B1 U1 1617	1	1.1/16	S1 B1 U1 1621	1	1.5/16
S1 B1 U1 1626	1	1.5/8	S1 B1 U1 2026	1.1/4	1.5/8
S1 B1 U1 2430	1.1/2	1.7/8	S1 B1 U1 3230	2	1.7/8
S1 B1 U1 3240	2	2.1/2			



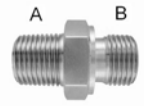
BSPT (A) x UN 'O' Ring Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B3 U1 0407	1/4	7/16	S1 B3 U1 0409	1/4	9/16
S1 B3 U1 0609	3/8	9/16	S1 B3 U1 0612	3/8	3/4
S1 B3 U1 0614	3/8	7/8	S1 B3 U1 0812	1/2	3/4
S1 B3 U1 0814	1/2	7/8	S1 B3 U1 0817	1/2	1.1/16
S1 B3 U1 1212	3/4	3/4	S1 B3 U1 1214	3/4	7/8
S1 B3 U1 1217	3/4	1.1/16	S1 B3 U1 1221	3/4	1.5/16
S1 B3 U1 1617	1	1.1/16	S1 B3 U1 1621	1	1.5/16
S1 B3 U1 2021	1.1/4	1.5/16	S1 B3 U1 2026	1.1/4	1.5/8
S1 B3 U1 2030	1.1/4	1.7/8	S1 B3 U1 2430	1.1/2	1.7/8
S1 B3 U1 3230	2	1.7/8	S1 B3 U1 3240	2	2.1/2



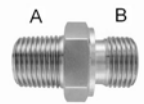
BSPT Male (A) x Metric (Light) Male (B)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S1 B3 M1 0412	1/4	12 x 1.5	6	S1 B3 M1 0414	1/4	14 x 1.5	8
S1 B3 M1 0416	1/4	16 x 1.5	10	S1 B3 M1 0618	3/8	18 x 1.5	12
S1 B3 M1 0622	3/8	22 x 1.5	15	S1 B3 M1 0818	1/2	18 x 1.5	12
S1 B3 M1 0822	1/2	22 x 1.5	15	S1 B3 M1 0826	1/2	26 x 1.5	18
S1 B3 M1 1230	3/4	30 x 2	22	S1 B3 M1 1636	1	36 x 2	28
S1 B3 M1 2045	1.1/4	45 x 2	35	S1 B3 M1 2452	1.1/2	52 x 2	42



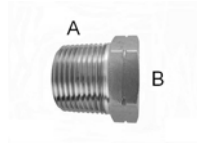
BSPT Male (A) x Metric (Heavy) Male (B)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S1 B3 M3 0414	1/4	14 x 1.5	6	S1 B3 M3 0416	1/4	16 x 1.5	8
S1 B3 M3 0418	1/4	18 x 1.5	10	S1 B3 M3 0616	3/8	16 x 1.5	8
S1 B3 M3 0618	3/8	18 x 1.5	10	S1 B3 M3 0620	3/8	20 x 1.5	12
S1 B3 M3 0622	3/8	22 x 1.5	14	S1 B3 M3 0818	1/2	18 x 1.5	10
S1 B3 M3 0820	1/2	20 x 1.5	12	S1 B3 M3 0822	1/2	22 x 1.5	14
S1 B3 M3 0824	1/2	24 x 1.5	16	S1 B3 M3 1224	3/4	24 x 1.5	16
S1 B3 M3 1230	3/4	30 x 2	20	S1 B3 M3 1236	3/4	36 x 2	25
S1 B3 M3 1636	1	36 x 2	25	S1 B3 M3 1642	1	42 x 2	30
S1 B3 M3 2042	1.1/4	42 x 2	30	S1 B3 M3 2452	1.1/2	52 x 2	38



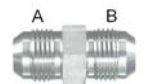
NPT Male (A) x NPT Female (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 N1 N2 0402	1/4	1/8	S1 N1 N2 0602	3/8	1/8
S1 N1 N2 0604	3/8	1/4	S1 N1 N2 0802	1/2	1/8
S1 N1 N2 0804	1/2	1/4	S1 N1 N2 0806	1/2	3/8
S1 N1 N2 1204	3/4	1/4	S1 N1 N2 1206	3/4	3/8
S1 N1 N2 1208	3/4	1/2	S1 N1 N2 1604	1	1/4
S1 N1 N2 1606	1	3/8	S1 N1 N2 1608	1	1/2
S1 N1 N2 1612	1	3/4	S1 N1 N2 2008	1.1/4	1/2
S1 N1 N2 2012	1.1/4	3/4	S1 N1 N2 2016	1.1/4	1
S1 N1 N2 2412	1.1/2	3/4	S1 N1 N2 2416	1.1/2	1
S1 N1 N2 2420	1.1/2	1.1/4	S1 N1 N2 3220	2	1.1/4
S1 N1 N2 3224	2	1.1/2	S1 N1 N2 4024	2.1/2	1.1/2
S1 N1 N2 4032	2.1/2	2			



JIC Male (A) x JIC Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 J1 J1 0707	7/16	7/16	S1 J1 J1 0708	7/16	1/2
S1 J1 J1 0709	7/16	9/16	S1 J1 J1 0808	1/2	1/2
S1 J1 J1 0809	1/2	9/16	S1 J1 J1 0909	9/16	9/16
S1 J1 J1 0912	9/16	3/4	S1 J1 J1 0914	9/16	7/8
S1 J1 J1 1212	3/4	3/4	S1 J1 J1 1214	3/4	7/8
S1 J1 J1 1217	3/4	1.1/16	S1 J1 J1 1414	7/8	7/8
S1 J1 J1 1417	7/8	1.1/16	S1 J1 J1 1717	1.1/16	1.1/16
S1 J1 J1 1721	1.1/16	1.5/16	S1 J1 J1 2121	1.5/16	1.5/16
S1 J1 J1 2126	1.5/16	1.5/8	S1 J1 J1 2626	1.5/8	1.5/8
S1 J1 J1 2630	1.5/8	1.7/8	S1 J1 J1 3030	1.7/8	1.7/8
S1 J1 J1 3040	1.7/8	2.1/2	S1 J1 J1 4040	2.1/2	2.1/2



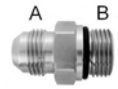
JIC Male (A) x NPT Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 J1 N1 0702	7/16	1/8	S1 J1 N1 0704	7/16	1/4
S1 J1 N1 0706	7/16	3/8	S1 J1 N1 0904	9/16	1/4
S1 J1 N1 0906	9/16	3/8	S1 J1 N1 1204	3/4	1/4
S1 J1 N1 1206	3/4	3/8	S1 J1 N1 1208	3/4	1/2
S1 J1 N1 1212	3/4	3/4	S1 J1 N1 1216	3/4	1
S1 J1 N1 1406	7/8	3/8	S1 J1 N1 1408	7/8	1/2
S1 J1 N1 1412	7/8	3/4	S1 J1 N1 1416	7/8	1
S1 J1 N1 1708	1.1/16	1/2	S1 J1 N1 1712	1.1/16	3/4
S1 J1 N1 1716	1.1/16	1	S1 J1 N1 2116	1.5/16	1
S1 J1 N1 2120	1.5/16	1.1/4	S1 J1 N1 2620	1.5/8	1.1/4
S1 J1 N1 3020	1.7/8	1.1/4	S1 J1 N1 3024	1.7/8	1.1/2
S1 J1 N1 3032	1.7/8	2	S1 J1 N1 4032	2.1/2	2



JIC Male (A) x UN 'O' Ring Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 J1 U1 0707	7/16	7/16	S1 J1 U1 0708	7/16	1/2
S1 J1 U1 0709	7/16	9/16	S1 J1 U1 0807	1/2	7/16
S1 J1 U1 0808	1/2	1/2	S1 J1 U1 0907	9/16	7/16
S1 J1 U1 0908	9/16	1/2	S1 J1 U1 0909	9/16	9/16
S1 J1 U1 0912	9/16	3/4	S1 J1 U1 0914	9/16	7/8
S1 J1 U1 1209	3/4	9/16	S1 J1 U1 1212	3/4	3/4
S1 J1 U1 1214	3/4	7/8	S1 J1 U1 1217	3/4	1.1/16
S1 J1 U1 1412	7/8	3/4	S1 J1 U1 1414	7/8	7/8
S1 J1 U1 1417	7/8	1.1/16	S1 J1 U1 1421	7/8	1.5/16
S1 J1 U1 1712	1.1/16	3/4	S1 J1 U1 1714	1.1/16	7/8
S1 J1 U1 1717	1.1/16	1.1/16	S1 J1 U1 1721	1.1/16	1.5/16
S1 J1 U1 2117	1.5/16	1.1/16	S1 J1 U1 2121	1.5/16	1.5/16
S1 J1 U1 2126	1.5/16	1.5/8	S1 J1 U1 2621	1.5/8	1.5/16
S1 J1 U1 2626	1.5/8	1.5/8	S1 J1 U1 2630	1.5/8	1.7/8
S1 J1 U1 3026	1.7/8	1.5/8	S1 J1 U1 3030	1.7/8	1.7/8
S1 J1 U1 4030	2.1/2	1.7/8	S1 J1 U1 4040	2.1/2	2.1/2



METRIC (Light) Male (A) x UN 'O' Ring Male (B)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S1 M1 U1 1207	12 x 1.5	7/16	6	S1 M1 U1 1407	14 x 1.5	7/16	8
S1 M1 U1 1408	14 x 1.5	7/16	8	S1 M1 U1 1608	16 x 1.5	1/2	10
S1 M1 U1 1807	18 x 1.5	7/16	12	S1 M1 U1 1809	18 x 1.5	9/16	12
S1 M1 U1 1812	18 x 1.5	3/4	12	S1 M1 U1 1814	18 x 1.5	7/8	12
S1 M1 U1 2212	22 x 1.5	3/4	15	S1 M1 U1 2214	22 x 1.5	7/8	15
S1 M1 U1 2609	26 x 1.5	9/16	18	S1 M1 U1 2614	26 x 1.5	7/8	18
S1 M1 U1 3017	30 x 2	1 1/16	22	S1 M1 U1 3621	36 x 2	1 5/16	28
S1 M1 U1 4521	45 x 2	1 5/16	35	S1 M1 U1 4526	45 x 2	1 5/8	35
S1 M1 U1 5230	52 x 2	1 7/8	42				



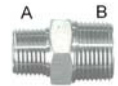
METRIC (Heavy) Male (A) x UN 'O' Ring Male (B)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S1 M3 U1 1607	16 x 1.5	7/16	8	S1 M3 U1 1608	16 x 1.5	1/2	8
S1 M3 U1 1809	18 x 1.5	9/16	10	S1 M3 U1 2012	20 x 1.5	3/4	12
S1 M3 U1 2212	22 x 1.5	3/4	14	S1 M3 U1 2412	24 x 1.5	3/4	16
S1 M3 U1 2414	24 x 1.5	7/8	16	S1 M3 U1 3012	30 x 2	3/4	20
S1 M3 U1 3014	30 x 2	7/8	20	S1 M3 U1 3017	30 x 2	1.1/16	20
S1 M3 U1 3617	36 x 2	1.1/16	25	S1 M3 U1 3621	36 x 2	1.5/16	25
S1 M3 U1 4226	42 x 2	1.5/8	30	S1 M3 U1 5230	52 x 2	1.7/8	38



NPT Male (A) x NPT Male

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 N1 N1 0202	1/8	1/8	S1 N1 N1 0204	1/8	1/4
S1 N1 N1 0206	1/8	3/8	S1 N1 N1 0404	1/4	1/4
S1 N1 N1 0406	1/4	3/8	S1 N1 N1 0408	1/4	1/2
S1 N1 N1 0412	1/4	3/4	S1 N1 N1 0606	3/8	3/8
S1 N1 N1 0608	3/8	1/2	S1 N1 N1 0612	3/8	3/4
S1 N1 N1 0616	3/8	1	S1 N1 N1 0808	1/2	1/2
S1 N1 N1 0812	1/2	3/4	S1 N1 N1 0816	1/2	1
S1 N1 N1 1212	3/4	3/4	S1 N1 N1 1216	3/4	1
S1 N1 N1 1220	3/4	1.1/4	S1 N1 N1 1224	3/4	1.1/2
S1 N1 N1 1616	1	1	S1 N1 N1 1620	1	1.1/4
S1 N1 N1 1624	1	1.1/2	S1 N1 N1 2020	1.1/4	1.1/4
S1 N1 N1 2024	1.1/4	1.1/2	S1 N1 N1 2424	1.1/2	1.1/2
S1 N1 N1 2432	1.1/2	2	S1 N1 N1 3232	2	2



FEMALE SWIVELS

BSPP Dowty (A) x BSPP Female Swivel (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 B2 0404	1/4	1/4	S1 B1 B2 0406	1/4	3/8
S1 B1 B2 0606	3/8	3/8	S1 B1 B2 0808	1/2	1/2
S1 B1 B2 1212	3/4	3/4	S1 B1 B2 1616	1	1
S1 B1 B2 2020	1.1/4	1.1/4	S1 B1 B2 2424	1.1/2	1.1/2
S1 B1 B2 3232	2	2			



BSPP Female Swivel (A) x BSPT Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B2 B3 0202	1/8	1/8	S1 B2 B3 0404	1/4	1/4
S1 B2 B3 0406	1/4	3/8	S1 B2 B3 0408	1/4	1/2
S1 B2 B3 0604	3/8	1/4	S1 B2 B3 0606	3/8	3/8
S1 B2 B3 0608	3/8	1/2	S1 B2 B3 0806	1/2	3/8
S1 B2 B3 0808	1/2	1/2	S1 B2 B3 0812	1/2	3/4
S1 B2 B3 1208	3/4	1/2	S1 B2 B3 1212	3/4	3/4
S1 B2 B3 1216	3/4	1	S1 B2 B3 1612	1	3/4
S1 B2 B3 1616	1	1	S1 B2 B3 2020	1.1/4	1.1/4
S1 B2 B3 2424	1.1/2	1.1/2	S1 B2 B3 3232	2	2



BSPT Male (A) x JIC Female Swivel (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B3 J3 0207	1/8	7/16	S1 B3 J3 0407	1/4	7/16
S1 B3 J3 0408	1/4	1/2	S1 B3 J3 0409	1/4	9/16
S1 B3 J3 0412	1/4	3/4	S1 B3 J3 0609	3/8	9/16
S1 B3 J3 0612	3/8	3/4	S1 B3 J3 0614	3/8	7/8
S1 B3 J3 0812	1/2	3/4	S1 B3 J3 0814	1/2	7/8
S1 B3 J3 0817	1/2	1.1/16	S1 B3 J3 1217	3/4	1.1/16
S1 B3 J3 1221	3/4	1.5/16	S1 B3 J3 1621	1	1.5/16
S1 B3 J3 2026	1.1/4	1.5/8			



JIC Male (A) x JIC Female Swivel (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 J1 J3 0707	7/16	7/16	S1 J1 J3 0709	7/16	9/16
S1 J1 J3 0712	7/16	3/4	S1 J1 J3 0909	9/16	9/16
S1 J1 J3 0912	9/16	3/4	S1 J1 J3 0914	9/16	7/8
S1 J1 J3 0917	9/16	1.1/16	S1 J1 J3 1212	3/4	3/4
S1 J1 J3 1214	3/4	7/8	S1 J1 J3 1217	3/4	1.1/16
S1 J1 J3 1409	7/8	9/16	S1 J1 J3 1417	7/8	1.1/16
S1 J1 J3 1717	1.1/16	1.1/16	S1 J1 J3 1721	1.1/16	1.5/16
S1 J1 J3 1726	1.1/16	1.5/8	S1 J1 J3 2121	1.1/16	1.1/16
S1 J1 J3 2126	1.5/16	1.5/8	S1 J1 J3 2630	1.5/8	1.7/8



JIC Female Swivel (A) x NPT Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 J3 N1 0704	7/16	1/4	S1 J3 N1 0804	1/2	1/4
S1 J3 N1 0904	9/16	1/4	S1 J3 N1 0906	9/16	3/8
S1 J3 N1 1206	3/4	3/8	S1 J3 N1 1208	3/4	1/2
S1 J3 N1 1408	7/8	1/2	S1 J3 N1 1712	1.1/16	3/4
S1 J3 N1 2116	1.5/16	1	S1 J3 N1 2620	1.5/8	1.1/4



NPT Male (A) x NPS Female Swivel (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 N1 N3 0202	1/8	1/8	S1 N1 N3 0402	1/4	1/8
S1 N1 N3 0404	1/4	1/4	S1 N1 N3 0406	1/4	3/8
S1 N1 N3 0604	3/8	1/4	S1 N1 N3 0606	3/8	3/8
S1 N1 N3 0608	3/8	1/2	S1 N1 N3 0806	1/2	3/8
S1 N1 N3 0808	1/2	1/2	S1 N1 N3 0812	1/2	3/4
S1 N1 N3 1208	3/4	1/2	S1 N1 N3 1212	3/4	3/4
S1 N1 N3 1216	3/4	1	S1 N1 N3 1612	1	3/4
S1 N1 N3 1616	1	1	S1 N1 N3 2016	1.1/4	1
S1 N1 N3 2020	1.1/4	1.1/4	S1 N1 N3 2424	1.1/2	1.1/2
S1 N1 N3 3232	2	2			



SOCKETS

BSPT (A) x BSPT (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B4 B4 0202	1/8	1/8	S1 B4 B4 0204	1/8	1/4
S1 B4 B4 0404	1/4	1/4	S1 B4 B4 0406	1/4	3/8
S1 B4 B4 0606	3/8	3/8	S1 B4 B4 0608	3/8	1/2
S1 B4 B4 0808	1/2	1/2	S1 B4 B4 0812	1/2	3/4
S1 B4 B4 1212	3/4	3/4	S1 B4 B4 1616	1	1
S1 B4 B4 2020	1.1/4	1.1/4	S1 B4 B4 2424	1.1/2	1.1/2
S1 B4 B4 3232	2	2			



NPT (A) x NPT (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 N2 N2 0202	1/8	1/8	S1 N2 N2 0204	1/8	1/4
S1 N2 N2 0206	1/8	3/8	S1 N2 N2 0404	1/4	1/4
S1 N2 N2 0406	1/4	3/8	S1 N2 N2 0606	3/8	3/8
S1 N2 N2 0608	3/8	1/2	S1 N2 N2 0612	3/8	3/4
S1 N2 N2 0808	1/2	1/2	S1 N2 N2 0812	1/2	3/4
S1 N2 N2 0816	1/2	1	S1 N2 N2 1212	3/4	3/4
S1 N2 N2 1216	3/4	1	S1 N2 N2 1616	1	1
S1 N2 N2 2020	1.1/4	1.1/4	S1 N2 N2 2424	1.1/2	1.1/2
S1 N2 N2 3232	2	2			



BULKHEADS

BSPP Dowty Male (A) x BSPP Male Bulkhead (B)					
Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 B5 0404	1/4	1/4	S1 B1 B5 0606	3/8	3/8
S1 B1 B5 0808	1/2	1/2	S1 B1 B5 1212	3/4	3/4
S1 B1 B5 1616	1	1	S1 B1 B5 2020	1.1/4	1.1/4
S1 B1 B5 2424	1.1/2	1.1/2	S1 B1 B5 3232	2	2



JIC Male (A) x JIC Male Bulkhead (B)					
Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 J1 J2 0707	7/16	7/16	S1 J1 J2 0808	1/2	1/2
S1 J1 J2 0909	9/16	9/16	S1 J1 J2 1212	3/4	3/4
S1 J1 J2 1414	7/8	7/8	S1 J1 J2 1717	1.1/16	1.1/16
S1 J1 J2 2121	1.5/16	1.5/16	S1 J1 J2 2626	1.5/8	1.5/8
S1 J1 J2 3030	1.7/8	1.7/8	S1 J1 J2 4040	2.1/2	2.1/2



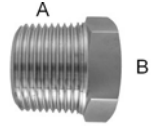
JIC Male (A) x JIC Male Bulkhead (B) Extended

Part No	JIC	B/Head	Part No	JIC	B/Head
S1 J1 J2 0720	7/16	15-25mm	S1 J1 J2 0730	7/16	25-35mm
S1 J1 J2 0740	7/16	35-45mm	S1 J1 J2 0750	7/16	45-55mm
S1 J1 J2 0765	7/16	55-75mm	S1 J1 J2 0785	7/16	75-95mm
S1 J1 J2 09105	9/16	95-115mm	S1 J1 J2 0920	9/16	15-25mm
S1 J1 J2 0930	9/16	25-35mm	S1 J1 J2 0940	9/16	35-45mm
S1 J1 J2 0950	9/16	45-55mm	S1 J1 J2 0965	9/16	55-75mm
S1 J1 J2 0985	9/16	75-95mm	S1 J1 J2 12105	3/4	95-115mm
S1 J1 J2 12145	3/4	135-155mm	S1 J1 J2 1220	3/4	15-25mm
S1 J1 J2 1230	3/4	25-35mm	S1 J1 J2 1240	3/4	35-45mm
S1 J1 J2 1250	3/4	45-55mm	S1 J1 J2 1265	3/4	55-75mm
S1 J1 J2 1285	3/4	75-95mm	S1 J1 J2 1430	7/8	25-35mm
S1 J1 J2 1485	7/8	75-95mm	S1 J1 J2 17105	1.1/16	95-115mm
S1 J1 J2 1720	1.1/16	15-25mm	S1 J1 J2 1730	1.1/16	25-35mm
S1 J1 J2 1740	1.1/16	35-45mm	S1 J1 J2 2120	1.5/16	15-25mm

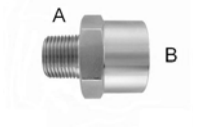


REDUCING BUSHES

BSPT Male (A) x BSPT Female (B)					
Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B3 B4 0402	1/4	1/8	S1 B3 B4 0602	3/8	1/8
S1 B3 B4 0604	3/8	1/4	S1 B3 B4 0802	1/2	1/8
S1 B3 B4 0804	1/2	1/4	S1 B3 B4 0806	1/2	3/8
S1 B3 B4 1204	3/4	1/4	S1 B3 B4 1206	3/4	3/8
S1 B3 B4 1208	3/4	1/2	S1 B3 B4 1604	1	1/4
S1 B3 B4 1606	1	3/8	S1 B3 B4 1608	1	1/2
S1 B3 B4 1612	1	3/4	S1 B3 B4 2008	1.1/4	1/2
S1 B3 B4 2012	1.1/4	3/4	S1 B3 B4 2016	1.1/4	1
S1 B3 B4 2412	1.1/2	3/4	S1 B3 B4 2416	1.1/2	1
S1 B3 B4 2420	1.1/2	1.1/4	S1 B3 B4 3216	2	1
S1 B3 B4 3220	2	1.1/4	S1 B3 B4 3224	2	1.1/2
S1 B3 B4 4032	2.1/2	2			



BSPT Male (A) x BSPT Female (B) Fixed Adaptor					
Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B3 B4 0404	1/4	1/4	S1 B3 B4 0606	3/8	3/8
S1 B3 B4 0808	1/2	1/2	S1 B3 B4 1212	3/4	3/4
S1 B3 B4 1616	1	1	S1 B3 B4 2020	1.1/4	1.1/4
S1 B3 B4 2424	1.1/2	1.1/2			



REDUCING ADAPTORS

BSPP Male (A) x BSPP Female (B)

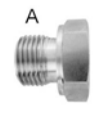
Part No	Thread A	Thread B	Part No	Thread A	Thread B
S1 B1 B7 0204	1/8	1/4	S1 B1 B7 0206	1/8	3/8
S1 B1 B7 0402	1/4	1/8	S1 B1 B7 0406	1/4	3/8
S1 B1 B7 0408	1/4	1/2	S1 B1 B7 0602	3/8	1/8
S1 B1 B7 0604	3/8	1/4	S1 B1 B7 0608	3/8	1/2
S1 B1 B7 0612	3/8	3/4	S1 B1 B7 0802	1/2	1/8
S1 B1 B7 0804	1/2	1/4	S1 B1 B7 0806	1/2	3/8
S1 B1 B7 0812	1/2	3/4	S1 B1 B7 0816	1/2	1
S1 B1 B7 1204	3/4	1/4	S1 B1 B7 1206	3/4	3/8
S1 B1 B7 1208	3/4	1/2	S1 B1 B7 1216	3/4	1
S1 B1 B7 1220	3/4	1.1/4	S1 B1 B7 1606	1	3/8
S1 B1 B7 1608	1	1/2	S1 B1 B7 1612	1	3/4
S1 B1 B7 1620	1	1.1/4	S1 B1 B7 1624	1	1.1/2
S1 B1 B7 2012	1.1/4	3/4	S1 B1 B7 2016	1.1/4	1
S1 B1 B7 2024	1.1/4	1.1/2	S1 B1 B7 2032	1.1/4	2
S1 B1 B7 2416	1.1/2	1	S1 B1 B7 2420	1.1/2	1.1/4
S1 B1 B7 2432	1.1/2	2	S1 B1 B7 3220	2	1.1/4
S1 B1 B7 3224	2	1.1/2	S1 B1 B7 4032	2.1/2	2



PLUGS


BSPP Dowty Male (Hex Head)

Part No	Thread	Part No	Thread
S6 B1 02	1/8	S6 B1 04	1/4
S6 B1 06	3/8	S6 B1 08	1/2
S6 B1 12	3/4	S6 B1 16	1
S6 B1 20	1.1/4	S6 B1 24	1.1/2
S6 B1 32	2	S1 B1 40	2.1/2




BSPP Male with Internal Hex & Captive Seal

Part No	Thread	Part No	Thread
S6 B1 02 SH	1/8	S6 B1 04 SH	1/4
S6 B1 06 SH	3/8	S6 B1 08 SH	1/2
S6 B1 12 SH	3/4	S6 B1 16 SH	1
S6 B1 20 SH	1.1/4	S6 B1 24 SH	1.1/2




Metric Internal Hex & Captive Seal

Part No	Dia A	Part No	Dia A
S-VSM10x1.0-WD	M10x1.0mm	S-VSM12x1.5-WD	M12x1.5mm
S-VSM14x1.5-WD	M14x1.5mm	S-VSM16x1.5-WD	M16x1.5mm
S-VSM18x1.5-WD	M18x1.5mm	S-VSM20x1.5-WD	M20x1.5mm
S-VSM22x1.5-WD	M22x1.5mm	S-VSM26x1.5-WD	M26x1.5mm
S-VSM27x2.0-WD	M27x2.0mm	S-VSM33x2.0-WD	M33x2.0mm
S-VSM42x2.0-WD	M42x2.0mm	S-VSM48x2.0-WD	M48x2.0mm




Metric Light Series (S-VSA)

Part No	Dia A	Tube OD	Part No	Dia A	Tube OD
S-VSA6L	M12x1.5	6	S-VSA8L	M14x1.5	8
S-VSA10L	M16x1.5	10	S-VSA12L	M18x1.5	12
S-VSA15L	M22x1.5	15	S-VSA18L	M26x1.5	18
S-VSA22L	M30x2.0	22	S-VSA28L	M36x2.0	28
S-VSA35L	M45x2.0	35	S-VSA42L	M52x2.0	42




BSPT Male (Hex Head)

Part No	Thread	Part No	Thread
S6 B3 02	1/8	S6 B3 04	1/4
S6 B3 06	3/8	S6 B3 08	1/2
S6 B3 12	3/4	S6 B3 16	1
S6 B3 20	1.1/4	S6 B3 24	1.1/2
S6 B3 32	2		




Metric Heavy Series (S-VSA)

Part No	Dia A	Tube OD	Part No	Dia A	Tube OD
S-VSA6S	M14x1.5	6	S-VSA8S	M16x1.5	8
S-VSA10S	M18x1.5	10	S-VSA12S	M20x1.5	12
S-VSA14S	M22x1.5	14	S-VSA16S	M24x2.0	16
S-VSA20S	M30x2.0	20	S-VSA25S	M36x2.0	25
S-VSA30S	M42x2.0	30	S-VSA38S	M52x2.0	38




BSPT Male with Internal Hex

Part No	Thread	Part No	Thread
S6 B3 02 SH	1/8	S6 B3 04 SH	1/4
S6 B3 06 SH	3/8	S6 B3 08 SH	1/2
S6 B3 12 SH	3/4	S6 B3 16 SH	1
S6 B3 20 SH	1.1/4	S6 B3 24 SH	1.1/2
S6 B3 32 SH	2		




Metric Blanking Plug

Part No	Dia A	Tube OD	Part No	Dia A	Tube OD
S-VS6L/S	6	6	S-VS8L/S	8	8
S-VS10L/S	10	10	S-VS12L/S	12	12
S-VS14S	14	14	S-VS15L	15	15
S-VS16S	16	16	S-VS18L	18	18
S-VS20S	20	20	S-VS22L	22	22
S-VS25S	25	25	S-VS28L	28	28
S-VS30S	30	30	S-VS35L	35	35
S-VS38S	38	38	S-VS42L	42	42




JIC Male (Hex Head)

Part No	Thread	Part No	Thread
S6 J1 07	7/16	S6 J1 08	1/2
S6 J1 09	9/16	S6 J1 12	3/4
S6 J1 14	7/8	S6 J1 17	1.1/16
S6 J1 19	1.3/16	S6 J1 21	1.5/16
S6 J1 26	1.5/8	S6 J1 30	1.7/8
S6 J1 40	2.1/2		




NPT Male (Hex Head)

Part No	Thread	Part No	Thread
S6 N1 02	1/8	S6 N1 04	1/4
S6 N1 06	3/8	S6 N1 08	1/2
S6 N1 12	3/4	S6 N1 16	1
S6 N1 20	1.1/4	S6 N1 24	1.1/2
S6 N1 32	2		




NPT Male with Internal Hex

Part No	Thread	Part No	Thread
S6 N1 01 SH	1/16	S6 N1 02 SH	1/8
S6 N1 04 SH	1/4	S6 N1 06 SH	3/8
S6 N1 08 SH	1/2	S6 N1 12 SH	3/4
S6 N1 16 SH	1	S6 N1 20 SH	1.1/4




UN 'O' Ring Male (Hex Head)

Part No	Thread	Part No	Thread
S6 U1 07	7/16	S6 U1 08	1/2
S6 U1 09	9/16	S6 U1 12	3/4
S6 U1 14	7/8	S6 U1 17	1.1/16
S6 U1 19	1.3/16	S6 U1 21	1.5/16
S6 U1 26	1.5/8	S6 U1 30	1.7/8
S6 U1 40	2.1/2		



UN 'O' Ring Male with Internal Hex


Part No	Thread	Part No	Thread
S6 U1 06 SH	3/8	S6 U1 07 SH	7/16
S6 U1 08 SH	1/2	S6 U1 09 SH	9/16
S6 U1 12 SH	3/4	S6 U1 14 SH	7/8
S6 U1 17 SH	1.1/16	S6 U1 19 SH	1.3/16
S6 U1 21 SH	1.5/16	S6 U1 26 SH	1.5/8



BLANKING CAPS


BSPF Female Swivel

Part No	Thread	Part No	Thread
S6 B2 02	1/8	S6 B2 04	1/4
S6 B2 06	3/8	S6 B2 08	1/2
S6 B2 12	3/4	S6 B2 16	1
S6 B2 20	1.1/4	S6 B2 24	1.1/2
S6 B2 32	2		



JIC Female Swivel

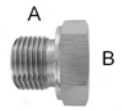
Part No	Thread	Part No	Thread
S6 J3 07	7/16	S6 J3 08	1/2
S6 J3 09	9/16	S6 J3 12	3/4
S6 J3 14	7/8	S6 J3 17	1.1/16
S6 J3 21	1.5/16	S6 J3 26	1.5/8
S6 J3 30	1.7/8	S6 J3 40	2.1/2



TUBEWELDS

BSPP Dowty (A) x Tubeweld (B)

Part No	Thread A	Tube OD	Part No	Thread A	Tube OD
S1 B1 T1 0404	1/4	1/4	S1 B1 T1 0406	1/4	3/8
S1 B1 T1 0606	3/8	3/8	S1 B1 T1 0608	3/8	1/2
S1 B1 T1 0808	1/2	1/2	S1 B1 T1 0810	1/2	5/8
S1 B1 T1 1212	3/4	3/4	S1 B1 T1 1216	3/4	1
S1 B1 T1 1616	1	1	S1 B1 T1 2020	1.1/4	1.1/4
S1 B1 T1 2024	1.1/4	1.1/2	S1 B1 T1 2424	1.1/2	1.1/2
S1 B1 T1 3232	2	2			



BSPP Female Swivel (A) x Tubeweld (B)

Part No	Thread A	Tube OD	Part No	Thread A	Tube OD
S1 B2 T1 0404	1/4	1/4	S1 B2 T1 0406	1/4	3/8
S1 B2 T1 0606	3/8	3/8	S1 B2 T1 0608	3/8	1/2
S1 B2 T1 0808	1/2	1/2	S1 B2 T1 0812	1/2	3/4
S1 B2 T1 1212	3/4	3/4	S1 B2 T1 1216	3/4	1
S1 B2 T1 1612	1	3/4	S1 B2 T1 1616	1	1
S1 B2 T1 1620	1	1.1/4	S1 B2 T1 2020	1.1/4	1.1/4
S1 B2 T1 2416	1.1/4	1	S1 B2 T1 2424	1.1/2	1.1/2
S1 B2 T1 3232	2	2			



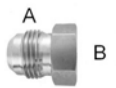
BSPT (A) x Tubeweld (B)

Part No	Thread A	Tube OD	Part No	Thread A	Tube OD
S1 B3 T1 0404	1/4	1/4	S1 B3 T1 0406	1/4	3/8
S1 B3 T1 0606	3/8	3/8	S1 B3 T1 0608	3/8	1/2
S1 B3 T1 0808	1/2	1/2	S1 B3 T1 0810	1/2	5/8
S1 B3 T1 0812	1/2	3/4	S1 B3 T1 1212	3/4	3/4
S1 B3 T1 1216	3/4	1	S1 B3 T1 1616	1	1
S1 B3 T1 1620	1	1.1/4	S1 B3 T1 2020	1.1/4	1.1/4
S1 B3 T1 2024	1.1/4	1.1/2	S1 B3 T1 2416	1.1/4	1
S1 B3 T1 2424	1.1/2	1.1/2	S1 B3 T1 2432	1.1/2	2
S1 B3 T1 3232	2	2			



JIC Male (A) x Tubeweld (B)

Part No	Thread A	Tube OD	Part No	Thread A	Tube OD
S1 J1 T1 0704	7/16	1/4	S1 J1 T1 0904	9/16	1/4
S1 J1 T1 0906	9/16	3/8	S1 J1 T1 1206	3/4	3/8
S1 J1 T1 1208	3/4	1/2	S1 J1 T1 1212	3/4	3/4
S1 J1 T1 1408	7/8	1/2	S1 J1 T1 1410	7/8	5/8
S1 J1 T1 1712	1.1/16	3/4	S1 J1 T1 1714	1.1/16	7/8
S1 J1 T1 1716	1.1/16	1	S1 J1 T1 2116	1.5/16	1
S1 J1 T1 2620	1.5/8	1.1/4	S1 J1 T1 3024	1.7/8	1.1/2



JIC Female Swivel (A) x Tubeweld (B)


Part No	Thread A	Tube OD	Part No	Thread A	Tube OD
S1 J3 T1 0704	7/16	1/4	S1 J3 T1 0706	7/16	3/8
S1 J3 T1 0904	9/16	1/4	S1 J3 T1 0906	9/16	3/8
S1 J3 T1 0908	9/16	1/2	S1 J3 T1 1206	3/4	3/8
S1 J3 T1 1208	3/4	1/2	S1 J3 T1 1212	3/4	3/4
S1 J3 T1 1408	7/8	1/2	S1 J3 T1 1410	7/8	5/8
S1 J3 T1 1712	1.1/16	3/4	S1 J3 T1 1716	1.1/16	1
S1 J3 T1 1912	1.3/16	3/4	S1 J3 T1 2116	1.5/16	1
S1 J3 T1 2620	1.5/8	1.1/4			



ELBOWS 45°


BSPP Female Swivel (A) x BSPT 45° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 B2 B3 0404	1/4	1/4	S3 B2 B3 0606	3/8	3/8
S3 B2 B3 0808	1/2	1/2	S3 B2 B3 1212	3/4	3/4
S3 B2 B3 1616	1	1	S3 B2 B3 2020	1.1/4	1.1/4




BSPT Male (A) x BSPT 45° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 B3 B3 0404	1/4	1/4	S3 B3 B3 0606	3/8	3/8
S3 B3 B3 0808	1/2	1/2	S3 B3 B3 1212	3/4	3/4
S3 B3 B3 1616	1	1			




BSPT Female (A) x BSPT 45° Female (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 B4 B4 0404	1/4	1/4	S3 B4 B4 0606	3/8	3/8
S3 B4 B4 0808	1/2	1/2	S3 B4 B4 1212	3/4	3/4
S3 B4 B4 1616	1	1	S3 B4 B4 2020	1.1/4	1.1/4
S3 B4 B4 2424	1.1/2	1.1/2	S3 B4 B4 3232	2	2



BSPT Male (A) x JIC 45° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 B3 J1 0407	1/4	7/16	S3 B3 J1 0409	1/4	9/16
S3 B3 J1 0609	3/8	9/16	S3 B3 J1 0612	3/8	3/4
S3 B3 J1 0812	1/2	3/4	S3 B3 J1 0814	1/2	7/8
S3 B3 J1 1212	3/4	3/4	S3 B3 J1 1217	3/4	1.1/16
S3 B3 J1 1621	1	1.5/16	S3 B3 J1 2026	1.1/4	1.5/8



JIC Male (A) x UN 'O' Ring Positional 45° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 J1 U2 0707	7/16	7/16	S3 J1 U2 0708	7/16	1/2
S3 J1 U2 0808	1/2	1/2	S3 J1 U2 0909	9/16	9/16
S3 J1 U2 0912	9/16	3/4	S3 J1 U2 0914	9/16	7/8
S3 J1 U2 1212	3/4	3/4	S3 J1 U2 1214	3/4	7/8
S3 J1 U2 1412	7/8	3/4	S3 J1 U2 1414	7/8	7/8
S3 J1 U2 1417	7/8	1.1/16	S3 J1 U2 1714	1.1/16	7/8
S3 J1 U2 1717	1.1/16	1.1/16	S3 J1 U2 1721	1.1/16	1.5/16
S3 J1 U2 1919	1.3/16	1.3/16	S3 J1 U2 2119	1.5/16	1.3/16
S3 J1 U2 2121	1.5/16	1.5/16	S3 J1 U2 2126	1.5/16	1.5/8
S3 J1 U2 2626	1.5/8	1.5/8	S3 J1 U2 2630	1.5/8	1.7/8
S3 J1 U2 3030	1.7/8	1.7/8			



JIC Male (A) x NPT 45° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 J1 N1 0702	7/16	1/8	S3 J1 N1 0704	7/16	1/4
S3 J1 N1 0904	9/16	1/4	S3 J1 N1 0906	9/16	3/8
S3 J1 N1 1206	3/4	3/8	S3 J1 N1 1208	3/4	1/2
S3 J1 N1 1408	7/8	1/2	S3 J1 N1 1708	1.1/16	1/2
S3 J1 N1 1712	1.1/16	3/4	S3 J1 N1 2116	1.5/16	1
S3 J1 N1 2620	1.5/8	1.1/4	S3 J1 N1 3024	1.7/8	1.1/2



JIC Male (A) x JIC 45° Female Swivel (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S3 J1 J3 0707	7/16	7/16	S3 J1 J3 0808	1/2	1/2
S3 J1 J3 0909	9/16	9/16	S3 J1 J3 1212	3/4	3/4
S3 J1 J3 1414	7/8	7/8	S3 J1 J3 1717	1.1/16	1.1/16
S3 J1 J3 1919	1.3/16	1.3/16	S3 J1 J3 2121	1.5/16	1.5/16
S3 J1 J3 2626	1.5/8	1.5/8	S3 J1 J3 3030	1.7/8	1.7/8
S3 J1 J3 4040	2.1/2	2.1/2			



ELBOWS 90°

BSPP Female Swivel (A) x BSPT 90° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 B2 B3 0202	1/8	1/8	S2 B2 B3 0404	1/4	1/4
S2 B2 B3 0606	3/8	3/8	S2 B2 B3 0808	1/2	1/2
S2 B2 B3 1212	3/4	3/4	S2 B2 B3 1616	1	1
S2 B2 B3 2020	1.1/4	1.1/4	S2 B2 B3 2424	1.1/2	1.1/2



BSPT Male (A) x BSPT 90° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 B3 B3 0202	1/8	1/8	S2 B3 B3 0204	1/8	1/4
S2 B3 B3 0404	1/4	1/4	S2 B3 B3 0406	1/4	3/8
S2 B3 B3 0606	3/8	3/8	S2 B3 B3 0608	3/8	1/2
S2 B3 B3 0612	3/8	3/4	S2 B3 B3 0808	1/2	1/2
S2 B3 B3 0812	1/2	3/4	S2 B3 B3 1212	3/4	3/4
S2 B3 B3 1216	3/4	1	S2 B3 B3 1616	1	1
S2 B3 B3 2020	1.1/4	1.1/4	S2 B3 B3 2424	1.1/2	1.1/2
S2 B3 B3 3232	2	2			



BSPT Male (A) x BSPT 90° Female (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 B3 B4 0404	1/4	1/4	S2 B3 B4 0606	3/8	3/8
S2 B3 B4 0808	1/2	1/2	S2 B3 B4 1212	3/4	3/4
S2 B3 B4 1616	1	1	S2 B3 B4 2020	1.1/4	1.1/4
S2 B3 B4 2424	1.1/2	1.1/2	S2 B3 B4 3232	2	2



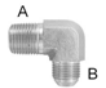
BSPT Female (A) x BSPT 90° Female (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 B4 B4 0404	1/4	1/4	S2 B4 B4 0606	3/8	3/8
S2 B4 B4 0808	1/2	1/2	S2 B4 B4 1212	3/4	3/4
S2 B4 B4 1616	1	1	S2 B4 B4 2020	1.1/4	1.1/4
S2 B4 B4 2424	1.1/2	1.1/2	S2 B4 B4 3232	2	2



BSPT Male (A) x JIC 90° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 B3 J1 0207	1/8	7/16	S2 B3 J1 0407	1/4	7/16
S2 B3 J1 0409	1/4	9/16	S2 B3 J1 0412	1/4	3/4
S2 B3 J1 0607	3/8	7/16	S2 B3 J1 0608	3/8	1/2
S2 B3 J1 0609	3/8	9/16	S2 B3 J1 0612	3/8	3/4
S2 B3 J1 0614	3/8	7/8	S2 B3 J1 0807	1/2	7/16
S2 B3 J1 0808	1/2	1/2	S2 B3 J1 0809	1/2	9/16
S2 B3 J1 0812	1/2	3/4	S2 B3 J1 0814	1/2	7/8
S2 B3 J1 0817	1/2	1.1/16	S2 B3 J1 1209	3/4	9/16
S2 B3 J1 1212	3/4	3/4	S2 B3 J1 1214	3/4	7/8
S2 B3 J1 1217	3/4	1.1/16	S2 B3 J1 1221	3/4	1.5/16
S2 B3 J1 1621	1	1.5/16	S2 B3 J1 1626	1	1.5/8
S2 B3 J1 2026	1.1/4	1.5/8	S2 B3 J1 2430	1.1/2	1.7/8



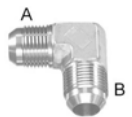
BSPP Positional (A) x JIC 90° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 B6 J1 0207	1/8	7/16	S2 B6 J1 0407	1/4	7/16
S2 B6 J1 0409	1/4	9/16	S2 B6 J1 0609	3/8	9/16
S2 B6 J1 0612	3/8	3/4	S2 B6 J1 0812	1/2	3/4
S2 B6 J1 0814	1/2	7/8	S2 B6 J1 1217	3/4	1.1/16
S2 B6 J1 1621	1	1.5/16	S2 B6 J1 2026	1.1/4	1.5/8
S2 B6 J1 2430	1.1/2	1.7/8			



JIC Male (A) x JIC 90° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 J1 J1 0707	7/16	7/16	S2 J1 J1 0808	1/2	1/2
S2 J1 J1 0909	9/16	9/16	S2 J1 J1 1212	3/4	3/4
S2 J1 J1 1414	7/8	7/8	S2 J1 J1 1717	1.1/16	1.1/16
S2 J1 J1 1721	1.1/16	1.5/8	S2 J1 J1 1919	1.3/16	1.3/16
S2 J1 J1 2121	1.5/16	1.5/16	S2 J1 J1 2626	1.5/8	1.5/8
S2 J1 J1 3030	1.7/8	1.7/8			



JIC Male (A) x JIC 90° Female Swivel (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 J1 J3 0707	7/16	7/16	S2 J1 J3 0808	1/2	1/2
S2 J1 J3 0909	9/16	9/16	S2 J1 J3 1212	3/4	3/4
S2 J1 J3 1414	7/8	7/8	S2 J1 J3 1717	1.1/16	1.1/16
S2 J1 J3 1919	1.3/16	1.3/16	S2 J1 J3 2121	1.5/16	1.5/16
S2 J1 J3 2626	1.5/8	1.5/8	S2 J1 J3 3030	1.7/8	1.7/8
S2 J1 J3 4040	2.1/2	2.1/2			



JIC Male (A) x NPT 90° Male (B)

Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 J1 N1 0702	7/16	1/8	S2 J1 N1 0704	7/16	1/4
S2 J1 N1 0706	7/16	3/8	S2 J1 N1 0904	9/16	1/4
S2 J1 N1 0906	9/16	3/8	S2 J1 N1 1204	3/4	1/4
S2 J1 N1 1206	3/4	3/8	S2 J1 N1 1208	3/4	1/2
S2 J1 N1 1408	7/8	1/2	S2 J1 N1 1712	1.1/16	3/4
S2 J1 N1 2116	1.5/16	1	S2 J1 N1 2620	1.5/8	1.1/4
S2 J1 N1 3024	1.7/8	1.1/2			



JIC Male (A) x UN 'O' Ring 90° Male Positional (B)


Part No	Thread A	Thread B	Part No	Thread A	Thread B
S2 J1 U2 0707	7/16	7/16	S2 J1 U2 0708	7/16	1/2
S2 J1 U2 0808	1/2	1/2	S2 J1 U2 0909	9/16	9/16
S2 J1 U2 0912	9/16	3/4	S2 J1 U2 0914	9/16	7/8
S2 J1 U2 1209	3/4	9/16	S2 J1 U2 1212	3/4	3/4
S2 J1 U2 1214	3/4	7/8	S2 J1 U2 1412	7/8	3/4
S2 J1 U2 1414	7/8	7/8	S2 J1 U2 1417	7/8	1.1/16
S2 J1 U2 1714	1.1/16	7/8	S2 J1 U2 1717	1.1/16	1.1/16
S2 J1 U2 1721	1.1/16	1.5/16	S2 J1 U2 1919	1.3/16	1.3/16
S2 J1 U2 2119	1.5/16	1.3/16	S2 J1 U2 2121	1.5/16	1.5/16
S2 J1 U2 2126	1.5/16	1.5/8	S2 J1 U2 2626	1.5/8	1.5/8
S2 J1 U2 2630	1.5/8	1.7/8	S2 J1 U2 3030	1.7/8	1.7/8



TEES

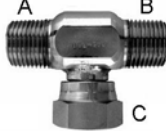
BSPT Male (A) x BSPP F/m Swivel (B) x BSPT Male Running (C)

Part No	Thread A C	Thread B	Part No	Thread A C	Thread B
S7 B3 B2 B3 04	1/4	1/4	S7 B3 B2 B3 06	3/8	3/8
S7 B3 B2 B3 08	1/2	1/2	S7 B3 B2 B3 12	3/4	3/4
S7 B3 B2 B3 16	1	1			



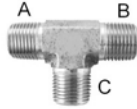
BSPT Male(A) (B) X BSPT Female Swivel (C) Branch

Part No	Thread A B	Thread C	Part No	Thread A B	Thread C
S7 B3 B3 B2 04	1/4	1/4	S7 B3 B3 B2 08	1/2	1/2




BSPT Male (A) x BSPT Male (B) x BSPT Male (C)

Part No	Thread A B C	Part No	Thread A B C
S7 B3 B3 B3 02	1/8	S7 B3 B3 B3 04	1/4
S7 B3 B3 B3 06	3/8	S7 B3 B3 B3 08	1/2
S7 B3 B3 B3 12	3/4	S7 B3 B3 B3 16	1
S7 B3 B3 B3 20	1.1/4	S7 B3 B3 B3 24	1.1/2
S7 B3 B3 B3 32	2		



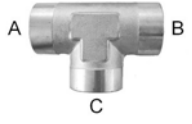
BSPT Female (A) x BSPT Female (B) x BSPT Female (C)

Part No	Thread A B C	Part No	Thread A B C
S7 B4 B4 B4 02	1/8	S7 B4 B4 B4 04	1/4
S7 B4 B4 B4 06	3/8	S7 B4 B4 B4 08	1/2
S7 B4 B4 B4 12	3/4	S7 B4 B4 B4 16	1
S7 B4 B4 B4 20	1.1/4	S7 B4 B4 B4 24	1.1/2
S7 B4 B4 B4 32	2		



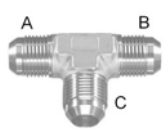
BSPP Female (A) x BSPP Female (B) x BSPP Female (C)

Part No	Thread A B C	Part No	Thread A B C
S7 B7 B7 B7 02	1/8	S7 B7 B7 B7 04	1/4
S7 B7 B7 B7 06	3/8	S7 B7 B7 B7 08	1/2
S7 B7 B7 B7 12	3/4	S7 B7 B7 B7 16	1



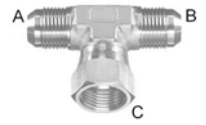
JIC Male (A) x JIC Male (B) x JIC Male (C)

Part No	Thread A B C	Part No	Thread A B C
S7 J1 J1 J1 07	7/16	S7 J1 J1 J1 08	1/2
S7 J1 J1 J1 09	9/16	S7 J1 J1 J1 12	3/4
S7 J1 J1 J1 14	7/8	S7 J1 J1 J1 17	1.1/16
S7 J1 J1 J1 19	1.3/16	S7 J1 J1 J1 21	1.5/16
S7 J1 J1 J1 26	1.5/8	S7 J1 J1 J1 30	1.7/8



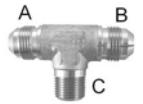
JIC Male (A) x JIC Male (B) x JIC Female Swivel Branch (C)

Part No	Thread A B	Thread C	Part No	Thread A B	Thread C
S7 J1 J1 J3 07	7/16	7/16	S7 J1 J1 J3 08	1/2	1/2
S7 J1 J1 J3 09	9/16	9/16	S7 J1 J1 J3 12	3/4	3/4
S7 J1 J1 J3 14	7/8	7/8	S7 J1 J1 J3 17	1.1/16	1.1/16
S7 J1 J1 J3 19	1.3/16	1.3/16	S7 J1 J1 J3 21	1.5/16	1.5/16
S7 J1 J1 J3 26	1.5/8	1.5/8	S7 J1 J1 J3 30	1.7/8	1.7/8



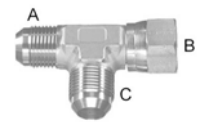
JIC Male (A) x JIC Male (B) X NPT Male (C)

Part No	Thread A B	Thread C	Part No	Thread A B	Thread C
S7 J1 J1 N1 1206	3/4	3/8	S7 J1 J1 N1 1208	3/4	1/2
S7 J1 J1 N1 1408	7/8	1/2	S7 J1 J1 N1 1702	7/16	1/8
S7 J1 J1 N1 1704	7/16	1/4	S7 J1 J1 N1 1712	1.1/16	3/4
S7 J1 J1 N1 1904	9/16	1/4	S7 J1 J1 N1 1906	9/16	3/8



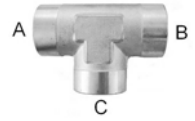
JIC Male (A) x JIC Female Swivel (B) x JIC Male Running (C)

Part No	Thread A C	Thread B	Part No	Thread A C	Thread B
S7 J1 J3 J1 07	7/16	7/16	S7 J1 J3 J1 08	1/2	1/2
S7 J1 J3 J1 09	9/16	9/16	S7 J1 J3 J1 12	3/4	3/4
S7 J1 J3 J1 14	7/8	7/8	S7 J1 J3 J1 17	1.1/16	1.1/16
S7 J1 J3 J1 19	1.3/16	1.3/16	S7 J1 J3 J1 21	1.5/16	1.5/16
S7 J1 J3 J1 26	1.5/8	1.5/8	S7 J1 J3 J1 30	1.7/8	1.7/8



NPT Female (A) x NPT Female (B) x NPT Female (C)

Part No	Thread A B C	Part No	Thread A B C
S7 N2 N2 N2 02	1/8	S7 N2 N2 N2 04	1/4
S7 N2 N2 N2 06	3/8	S7 N2 N2 N2 08	1/2
S7 N2 N2 N2 12	3/4	S7 N2 N2 N2 16	1
S7 N2 N2 N2 20	1.1/4	S7 N2 N2 N2 24	1.1/2
S7 N2 N2 N2 32	2		

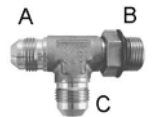


JIC Male (A) x JIC Male (B) x UN 'O' Ring Positional Branch (C)

Part No	Thread A B	Thread C	Part No	Thread A B	Thread C
S7 J1 J1 U2 07	7/16	7/16	S7 J1 J1 U2 09	9/16	9/16
S7 J1 J1 U2 12	3/4	3/4	S7 J1 J1 U2 14	7/8	7/8
S7 J1 J1 U2 17	1.1/16	1.1/16	S7 J1 J1 U2 21	1.5/16	1.5/16

JIC Male (A) x UN 'O' Ring Running Positional (B) x JIC Male (C)

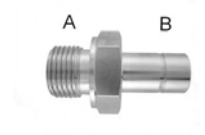
Part No	Thread A C	Thread B	Part No	Thread A C	Thread B
S7 J1 U2 J1 07	7/16	7/16	S7 J1 U2 J1 09	9/16	9/16
S7 J1 U2 J1 12	3/4	3/4	S7 J1 U2 J1 14	7/8	7/8
S7 J1 U2 J1 17	1.1/16	1.1/16	S7 J1 U2 J1 21	1.5/16	1.5/16



STANDPIPES

BSP (A) x Imperial (B)

Part No	Thread A	Dia B (O/D)	Part No	Thread A	Dia B (O/D)
S1 B1 S4 0404	1/4	1/4	S1 B1 S4 0406	1/4	3/8
S1 B1 S4 0408	1/4	1/2	S1 B1 S4 0604	3/8	1/4
S1 B1 S4 0606	3/8	3/8	S1 B1 S4 0608	3/8	1/2
S1 B1 S4 0806	1/2	3/8	S1 B1 S4 0808	1/2	1/2
S1 B1 S4 0810	1/2	5/8	S1 B1 S4 0812	1/2	3/4
S1 B1 S4 1208	3/4	1/2	S1 B1 S4 1210	3/4	5/8
S1 B1 S4 1212	3/4	3/4	S1 B1 S4 1216	3/4	1
S1 B1 S4 1220	3/4	1.1/4	S1 B1 S4 1608	1	1/2
S1 B1 S4 1610	1	5/8	S1 B1 S4 1612	1	3/4
S1 B1 S4 1616	1	1	S1 B1 S4 2020	1.1/4	1.1/4
S1 B1 S4 2424	1.1/2	1.1/2			



JIC (A) x Imperial (B)

Part No	Thread A	Dia B (O/D)	Part No	Thread A	Dia B (O/D)
S1 J1 S4 0703	7/16	3/16	S1 J1 S4 0706	7/16	3/8
S1 J1 S4 0906	9/16	3/8	S1 J1 S4 0908	9/16	1/2
S1 J1 S4 0910	9/16	5/8	S1 J1 S4 1206	3/4	3/8
S1 J1 S4 1208	3/4	1/2	S1 J1 S4 1412	7/8	3/4
S1 J1 S4 1710	1.1/16	5/8	S1 J1 S4 1712	1.1/16	3/4
S1 J1 S4 2124	1.5/16	1.1/4	S1 J1 S4 2620	1.5/8	1.1/4
S1 J1 S4 2624	1.5/8	1.1/4	S1 J1 S4 3024	1.7/8	1.1/2



METRIC WELDING NIPPLE

Weld Nipple							
Part No	Dia A	Wall	WP Bar	Part No	Dia A	Wall	WP Bar
S-SN8	8	2	630	S-SN10	10	2	630
S-SN12	12	2	400	S-SN16x2	16	2	250
S-SN16	16	3	400	S-SN20x3	20	3	315
S-SN20x4	20	4	400	S-SN25x3	25	3	250
S-SN30	30	4	250	S-SN30x5	30	5	315
S-SN30x6	30	6	400	S-SN38x5	38	5	250
S-SN38x6	38	6	315	S-SN38x6	38	6	315
S-SN38x7	38	7	400				



FLANGE CLAMPS

Flange Clamps Code 61

Part No	Size	Part No	Size
SYC108	1/2	SYC112	3/4
SYC116	1	SYC120	1.1/4
SYC124	1.1/2	SYC132	2
SYC140	2.1/2	SYC148	3
SYC164	4		



Flange Clamps Code 62


Part No	Size	Part No	Size
SYC208	1/2	SYC212	3/4
SYC216	1	SYC220	1.1/4
SYC224	1.1/2		




Associated Products

BALL VALVES


BSPB Ball Valve 316 (Stainless Steel)					
Part No	Thread	WP PSI	Part No	Thread	WP PSI
SSBV-3-04	1/4	3000	SSBV-3-06	3/8	3000
SSBV-3-08	1/2	3000	SSBV-3-12	3/4	3000
SSBV-3-16	1	3000	SSBV-3-20	1.1/4	3000
SSBV-3-24	1.1/2	3000	SSBV-3-32	2	3000



BSPB Ball Valve HP BSPB (Stainless Steel)					
Part No	Thread	WP PSI	Part No	Thread	WP PSI
SSBV-HP-04	1/4	7000	SSBV-HP-06	3/8	7000
SSBV-HP-08	1/2	7000	SSBV-HP-12	3/4	5800
SSBV-HP-16	1	5000	SSBV-HP-20	1.1/4	5000
SSBV-HP-24	1.12	5000			




BSPB Ball Valve L Port HP (Stainless Steel)					
Part No	Thread	WP PSI	Part No	Thread	WP PSI
SSBV-HPL-04	1/4	5800	SSBV-HPL-06	3/8	5800
SSBV-HPL-08	1/2	5800	SSBV-HPL-12	3/4	5000



QUICK RELEASE COUPLINGS (QRC)


NPT Socket Viton Seal NPT (ISOB) (Brass)

Part No	Thread	Part No	Thread
BH2-16-201	1/4	BH3-21-201	3/8
BH4-26-201	1/2	BH6-31-201	3/4




NPT Plug Viton Seal NPT (ISOB) (Brass)

Part No	Thread	Part No	Thread
BK2-16-201	1/4	BK3-21-201	3/8
BK4-26-201	1/2	BK6-31-201	3/4




BSP Poppett Socket (ISOB) (Stainless Steel)

Part No	Thread	Part No	Thread
TH1-11-316	1/8	TH2-16-316	1/4
TH3-21-316	3/8	TH4-26-316	1/2
TH6-31-316	3/4	TH8-36-316	1
TH12-46-316	1.1/2		




BSPP Plug ISOB (Stainless Steel)

Part No	Thread	Part No	Thread
TK1-11-316	1/8	TK2-16-316	1/4
TK3-21-316	3/8	TK4-26-316	1/2
TK6-31-316	3/4	TK8-36-316	1
TK12-46-316	1.1/2		




NPT Straight Through Series Plug (Brass)

Part No	Thread	Part No	Thread
SP1-11B	1/8	SP2-16B	3/8
SP3-21B	1/2	SP4-26B	3/4




NPT Straight Through Series Plug (Stainless Steel)

Part No	Thread	Part No	Thread
SP1-11-SS	1/8	SP2-16-SS	1/4
SP3-21-SS	3/8	SP4-26-SS	1/2
SP6-31-SS	3/4		




NPT Male Straight Through Series Plug (Stainless Steel)

Part No	Thread	Part No	Thread
SP1M-11-SS	1/8	SP2M-16-SS	1/4
SP3M-21-SS	3/8	SP4M-26-SS	1/2
SPM-31-SS	3/4		




NPT Straight Through Series Socket (Brass)

Part No	Thread (A)	Part No	Thread (A)
ST1-11B	1/8	ST2-16-B	1/4
ST3-21-B	3/8	ST4-26-B	1/2
ST6-31-B	3/4		




NPT Straight Through Series Socket Female (Stainless Steel)

Part No	Thread (A)	Part No	Thread (A)
ST1-11-SS	1/8	ST2-16-SS	1/4
ST3-21-SS	3/8	ST4-26-SS	1/2
ST6-31-SS	3/4		




BSPB Screw Release (Stainless Steel)

Part No	Thread	Thread	Part No	Thread	Thread
SRC04-316	1/4	1/4	SRC06-316	3/8	3/8
SRC08-316	1/2	1/2	SCRC12-316	3/4	3/4
SRC16-316	1	1			



BSPB Check Valves


Part No	Thread	Lift	Part No	Thread	Lift
SSCV-02	1/8	5 Bar	SSCV-04	1/4	5 Bar
SSCV-06	3/8	5 Bar	SSCV-08	1/2	5 Bar
SSCV-12	3/4	5 Bar	SSCV-16	1	5 Bar
SSCV-20	1.1/4	5 Bar	SSCV-24	1.1/2	5 Bar



BONDED SEALS


Imperial Bonded Seal 316 Stainless Steel

Part No	Thread (in)	Part No	Thread (in)
SDS02	1/8	SDS04	1/4
SDS06	3/8	SDS08	1/2
SDS12	3/4	SDS16	1
SDS20	1.1/4	SDS24	1.1/2
SDS32	2		



Metric Bonded Seal 316 Stainless Steel

Part No	MM	Part No	MM
SDS10M	10	SDS12M	12
SDS14M	14	SDS16M	16
SDS18M	18	SDS20M	20
SDS22M	22	SDS24M	24




Metric Tube Fittings & Adaptors

METRIC TUBE CUTTING RING


Light Light Series (S-R)

Part No	Tube OD	Part No	Tube OD
S-R4LL	4	S-R6LL	6
S-R8LL	8		




Light Series (S-R)

Part No	Tube OD	Part No	Tube OD
S-R15L	15	S-R18L	18
S-R22L	22	S-R28L	28
S-R35L	35	S-R42L	42



Heavy Series (S-R)

Part No	Tube OD	Part No	Tube OD
S-R14S	14	S-R16S	16
S-R20S	20	S-R25S	25
S-R30S	30	S-R38S	38



Light Series (S-REDV)

Part No	Thread A	Thread B	Tube OD A	Tube OD B	Part No	Thread A	Thread B	Tube OD A	Tube OD B
S-REDV8/6L	M14x1.5	M12x1.5	8	6	S-REDV10/6L	M16x1.5	M12x1.5	10	6
S-REDV10/8L	M16x1.5	M14x1.5	10	8	S-REDV12/6L	M18x1.5	M12x1.5	12	6
S-REDV12/8L	M18x1.5	M14x1.5	12	8	S-REDV12/10L	M18x1.5	M16x1.5	12	10
S-REDV15/6L	M22x1.5	M12x1.5	15	6	S-REDV15/8L	M22x1.5	M14x1.5	15	8
S-REDV15/10L	M22x1.5	M16x1.5	15	10	S-REDV15/12L	M22x1.5	M18x1.5	15	12
S-REDV18/6L	M26x1.5	M12x1.5	18	6	S-REDV18/8L	M26x1.5	M14x1.5	18	8
S-REDV18/10L	M26x1.5	M16x1.5	18	10	S-REDV18/12L	M26x1.5	M18x1.5	18	12
S-REDV18/15L	M26x1.5	M22x1.5	18	15	S-REDV22/6L	M30x2.0	M12x1.5	22	6
S-REDV22/8L	M30x2.0	M14x1.5	22	8	S-REDV22/10L	M30x2.0	M16x1.5	22	10
S-REDV22/12L	M30x2.0	M18x1.5	22	12	S-REDV22/15L	M30x2.0	M22x1.5	22	15
S-REDV22/18L	M30x2.0	M26x1.5	22	18	S-REDV28/6L	M36x2.0	M12x1.5	28	6
S-REDV28/8L	M36x2.0	M14x1.5	28	8	S-REDV28/10L	M36x2.0	M16x1.5	28	10
S-REDV28/12L	M36x2.0	M18x1.5	28	12	S-REDV28/15L	M36x2.0	M22x1.5	28	15
S-REDV28/18L	M36x2.0	M26x1.5	28	18	S-REDV28/22L	M36x2.0	M30x2.0	28	22
S-REDV35/6L	M45x2.0	M12x1.5	35	6	S-REDV35/8L	M45x2.0	M14x1.5	35	8
S-REDV35/10L	M45x2.0	M16x1.5	35	10	S-REDV35/12L	M45x2.0	M18x1.5	35	12
S-REDV35/15L	M45x2.0	M22x1.5	35	15	S-REDV35/18L	M45x2.0	M26x1.5	35	18
S-REDV35/22L	M45x2.0	M30x1.5	35	22	S-REDV35/28L	M45x2.0	M36x1.5	35	28
S-REDV42/6L	M52x2.0	M12x1.5	42	6	S-REDV42/8L	M52x2.0	M14x1.5	42	8
S-REDV42/10L	M52x2.0	M16x1.5	42	10	S-REDV42/12L	M52x2.0	M18x1.5	42	12
S-REDV42/15L	M52x2.0	M22x1.5	42	15	S-REDV42/18L	M52x2.0	M26x1.5	42	18
S-REDV42/22L	M52x2.0	M30x2.0	42	22	S-REDV42/28L	M52x2.0	M36x2.0	42	28
S-REDV42/35L	M52x2.0	M42x2.0	42	35					



Heavy Series (S-REDV)

Part No	Thread A	Thread B	Tube OD A	Tube OD B	Part No	Thread A	Thread B	Tube OD A	Tube OD B
S-REDV8/6S	M16x1.5	M14x1.5	8	6	S-REDV10/6S	M18x1.5	M14x1.5	10	6
S-REDV10/8S	M18x1.5	M16x1.5	10	8	S-REDV12/10S	M20x1.5	M18x1.5	12	10
S-REDV12/6S	M20x1.5	M14x1.5	12	6	S-REDV12/8S	M20x1.5	M16x1.5	12	8
S-REDV14/10S	M22x1.5	M18x1.5	14	10	S-REDV14/12S	M22x1.5	M20x1.5	14	12
S-REDV14/6S	M22x1.5	M14x1.5	14	6	S-REDV14/8S	M22x1.5	M16x1.5	14	8
S-REDV16/10S	M24x1.5	M18x1.5	16	10	S-REDV16/12S	M24x1.5	M20x1.5	16	12
S-REDV16/14S	M24x1.5	M22x1.5	16	14	S-REDV16/6S	M24x1.5	M14x1.5	14	6
S-REDV16/8S	M24x1.5	M16x1.5	16	8	S-REDV20/10S	M30x2.0	M18x1.5	20	10
S-REDV20/12S	M30x2.0	M20x1.5	20	12	S-REDV20/14S	M30x2.0	M22x1.5	20	14
S-REDV20/16S	M30x2.0	M24x1.5	20	16	S-REDV20/6S	M30x2.0	M14x1.5	16	6
S-REDV20/8S	M30x2.0	M16x1.5	20	8	S-REDV25/12S	M36x2.0	M20x1.5	25	12
S-REDV25/10S	M36x2.0	M18x1.5	25	10	S-REDV25/16S	M36x2.0	M24x1.5	25	16
S-REDV25/20S	M36x2.0	M30x2.0	25	20	S-REDV25/14S	M36x2.0	M22x1.5	25	14
S-REDV25/6S	M36x2.0	M14x1.5	25	6	S-REDV25/8S	M36x2.0	M16x1.5	25	8
S-REDV30/6S	M42x2.0	M14x1.5	30	6	S-REDV30/8S	M42x2.0	M16x1.5	30	8
S-REDV30/10S	M42x2.0	M18x1.5	30	10	S-REDV30/12S	M42x2.0	M20x1.5	30	12
S-REDV30/14S	M42x2.0	M22x1.5	30	14	S-REDV30/16S	M42x2.0	M24x1.5	30	16
S-REDV30/20S	M42x2.0	M30x1.5	30	20	S-REDV30/25S	M42x2.0	M36x1.5	30	25
S-REDV38/6S	M52x2.0	M14x1.5	38	6	S-REDV38/8S	M52x2.0	M16x1.5	38	8
S-REDV38/10S	M52x2.0	M18x1.5	38	10	S-REDV38/12S	M52x2.0	M20x1.5	38	12
S-REDV38/14S	M52x2.0	M22x1.5	38	14	S-REDV38/16S	M52x2.0	M24x1.5	38	16
S-REDV38/20S	M52x2.0	M30x2.0	38	20	S-REDV38/25S	M52x2.0	M36x2.0	38	25
S-REDV38/30S	M52x2.0	M42x2.0	38	30					



BSPB MALE STUD COUPLING

Light Series (S-GEV-WD)

Part No	Thread A (BSPB)	Thread B	Tube OD	Part No	Thread A (BSPB)	Thread B	Tube OD
S-GEV6LR-WD	1/8"	M12x1.5	6	S-GEV8LR1/8-WD	1/8"	M14x1.5	8
S-GEV6LR1/4-WD	1/4"	M12x1.5	6	S-GEV8LR-WD	1/4"	M14x1.5	8
S-GEV10LR-WD	1/4"	M16x1.5	10	S-GEV12LR1/4-WD	1/4"	M18x1.5	12
S-GEV6LR3/8-WD	3/8"	M12 x 1.5	6	S-GEV8LR3/8-WD	3/8"	M14x1.5	8
S-GEV10LR3/8-WD	3/8"	M16x1.5	10	S-GEV12LR-WD	3/8"	M18x1.5	12
S-GEV15LR3/8-WD	3/8"	M22x1.5	15	S-GEV8LR1/2-WD	1/2"	M14x1.5	8
S-GEV10LR1/2-WD	1/2"	M16x1.5	10	S-GEV12LR1/2-WD	1/2"	M18x1.5	12
S-GEV15LR-WD	1/2"	M22x1.5	15	S-GEV18LR-WD	1/2"	M26x1.5	18
S-GEV22LR1/2-WD	1/2"	M30x2.0	22	S-GEV15LR3/4-WD	3/4"	M22x1.5	15
S-GEV18LR3/4-WD	3/4"	M26x1.5	18	S-GEV22LR-WD	3/4"	M30x2.0	22
S-GEV28LR3/4-WD	3/4"	M36x2.0	28	S-GEV28LR-WD	1"	M36x2.0	28
S-GEV35LR1-WD	1"	M45x2.0	35	S-GEV35LR-WD	1.1/4"	M45x2.0	35
S-GEV42LR1.1/4-WD	1.1/4"	M52x2.0	42	S-GEV42LR-WD	1.1/2"	M52x2.0	42



Heavy Series (S-GEV-WD)

Part No	Thread A (BSPB)	Thread B	Tube OD	Part No	Thread A (BSPB)	Thread B	Tube OD
S-GEV6SR-WD	1/4"	M14x1.5	6	S-GEV8SR-WD	1/4"	M16x1.5	8
S-GEV10SR1/4-WD	1/4"	M18x1.5	10	S-GEV12SR1/4-WD	1/4"	M20x1.5	12
S-GEV8SR3/8-WD	3/8"	M16x1.5	8	S-GEV10SR-WD	3/8"	M18x1.5	10
S-GEV12SR-WD	3/8"	M20x1.5	12	S-GEV16SR3/8-WD	3/8"	M24x1.5	16
S-GEV10SR1/2-WD	1/2"	M18x1.5	10	S-GEV12SR1/2-WD	1/2"	M20x1.5	12
S-GEV14SR-WD	1/2"	M22x1.5	14	S-GEV16SR-WD	1/2"	M24x1.5	16
S-GEV20SR1/2-WD	1/2"	M30x2.0	20	S-GEV16SR3/4-WD	3/4"	M24x1.5	16
S-GEV20SR-WD	3/4"	M30x2.0	20	S-GEV25SR3/4-WD	3/4"	M36x2.0	25
S-GEV25SR-WD	1"	M36x2.0	25	S-GEV30SR1-WD	1"	M42x2.0	30
S-GEV30SR-WD	1.1/4"	M42x2.0	30	S-GEV38SR1.1/4-WD	1.1/4"	M52x2.0	38
S-GEV38SR-WD	1.1/2"	M52x2.0	38				



BSPT MALE STUD COUPLING


Light Light Series (S-GEV-K)

Part No	Thread A (BSPT)	Thread B	Tube OD	Part No	Thread A (BSPT)	Thread B	Tube OD
S-GEV4LLRK	1/8"	M8x1.0	4	S-GEV6LLRK	1/8"	M10x1.0	6
S-GEV8LLRK	1/8"	M12x1.0	8				




Light Series (S-GEV-K)

Part No	Thread A (BSPT)	Thread B	Tube OD	Part No	Thread A (BSPT)	Thread B	Tube OD
S-GEV6LR1/8K	1/8"	M12x1.5	6	S-GEV8LR1/8K	1/8"	M14x1.5	8
S-GEV6LR1/4K	1/4"	M12x1.5	6	S-GEV8LR1/4K	1/4"	M14x1.5	8
S-GEV10LR1/4K	1/4"	M16x1.5	10	S-GEV12LR1/4K	1/4"	M18x1.5	12
S-GEV8LR3/8K	3/8"	M14x1.5	8	S-GEV10LR3/8K	3/8"	M16x1.5	10
S-GEV12LR3/8K	3/8"	M18x1.5	12	S-GEV10LR1/2K	1/2"	M16x1.5	10
S-GEV12LR1/2K	1/2"	M18x1.5	12	S-GEV15LR1/2K	1/2"	M22x1.5	15
S-GEV18LR1/2K	1/2"	M26x1.5	18	S-GEV18LR3/4K	3/4"	M26x1.5	18
S-GEV22LR3/4K	3/4"	M30x2.0	22	S-GEV28LR1K	1"	M36x2.0	28
S-GEV35LR1.1/4K	1.1/4"	M45x2.0	35	S-GEV42LR1.1/2K	1.1/2"	M52x2.0	42



Heavy Series (S-GEV-K)

Part No	Thread A (BSPT)	Thread B	Tube OD	Part No	Thread A (BSPT)	Thread B	Tube OD
S-GEV6SR1/4K	1/4"	M14x1.5	6	S-GEV8SR1/4K	1/4"	M16x1.5	8
S-GEV10SR3/8K	3/8"	M18x1.5	10	S-GEV12SR3/8K	3/8"	M20x1.5	12
S-GEV12R1/2K	1/2"	M20x1.5	12	S-GEV14SR1/2K	1/2"	M22x1.5	14
S-GEV16SR1/2K	1/2"	M24x1.5	16	S-GEV20SR3/4K	3/4"	M30x2.0	20
S-GEV25SR1K	1"	M36x2.0	25	S-GEV30SR1.1/4K	1.1/4"	M42x2.0	30
S-GEV38SR1.1/2K	1.1/2"	M52x2.0	38				



NPT MALE STUD COUPLING

Light Series (S-GEV-NPT)

Part No	Thread A (NPT)	Thread B	Tube OD	Part No	Thread A (NPT)	Thread B	Tube OD
S-GEV6L1/8NPT	1/8"	M12x.15	6	S-GEV6L1/4NPT	1/4"	M12X1.5	6
S-GEV8L1/4NPT	1/4"	M14x1.5	8	S-GEV10L1/4NPT	1/4"	M16x1.5	10
S-GEV10L3/8NPT	3/8"	M16x1.5	10	S-GEV12L1/4NPT	1/4"	M18x1.5	12
S-GEV12L3/8NPT	3/8"	M18x1.5	12	S-GEV12L1/2NPT	1/2"	M18x1.5	12
S-GEV15L1/2NPT	1/2"	M22x1.5	15	S-GEV18L1/2NPT	1/2"	M26X1.5	18
S-GEV22L3/4NPT	3/4"	M30X2.0	22	S-GEV28L1NPT	1"	M36x2.0	28
S-GEV35L1.1/4NPT	1.1/4"	M45x2.5	35	S-GEV42L1.1/2NPT	1.1/2"	M52x2.0	42



Heavy Series (S-GEV-NPT)

Part No	Thread A (NPT)	Thread B	Tube OD	Part No	Thread A (NPT)	Thread B	Tube OD
S-GEV6S1/4NPT	1/4"	M14x1.5	6	S-GEV8S1/4NPT	1/4"	M16x1.5	8
S-GEV10S1/4NPT	1/4"	M18x1.5	10	S-GEV10S3/8NPT	3/8"	M18x1.5	10
S-GEV12S1/4NPT	1/4"	M20x1.5	12	S-GEV12S3/8NPT	3/8"	M20x1.5	12
S-GEV12S1/2NPT	1/2"	M20x1.5	12	S-GEV14S1/2NPT	1/2"	M22x1.5	14
S-GEV16S1/2NPT	1/2"	M24x1.5	16	S-GEV20S3/4NPT	3/4"	M30x2.0	20
S-GEV25S1NPT	1"	M36x2.0	25	S-GEV30S1.1/4NPT	1.1/4"	M42x.20	30
S-GEV38S1.1/2NPT	1.1/2"	M52x2.0	38				



METRIC TUBE REDUCING COUPLING

Light Series (S-GV-R)

Part No	Thread A	Thread B	Tube OD A	Tube OD B	Part No	Thread A	Thread B	Tube OD A	Tube OD B
S-GV8/6L	M14x1.5	M12x1.5	8	6	S-GV10/6L	M16x1.5	M12x1.5	10	6
S-GV10/8L	M16x1.5	M14x1.5	10	8	S-GV12/8L	M18x1.5	M14x1.5	12	8
S-GV12/10L	M18x1.5	M16x1.5	12	10	S-GV15/10L	M22x1.5	M16x1.5	15	10
S-GV15/12L	M22x1.5	M18x1.5	15	12	S-GV18/10L	M26x1.5	M16x1.5	18	10
S-GV18/12L	M26x1.5	M18x1.5	18	12	S-GV18/15L	M26x1.5	M22x1.5	18	15
S-GV22/12L	M30x2.0	M18x1.5	22	12	S-GV22/15L	M30x2.0	M22x1.5	22	15
S-GV22/18L	M30x2.0	M26x1.5	22	18	S-GV28/22L	M36x2.0	M30x2.0	28	22
S-GV35/22L	M45x2.0	M30x2.0	35	22	S-GV35/28L	M45x2.0	M36x2.0	35	28



Heavy Series (S-GV-R)

Part No	Thread A	Thread B	Tube OD A	Tube OD B	Part No	Thread A	Thread B	Tube OD A	Tube OD B
S-GV8/6S	M16x1.5	M14x1.5	8	6	S-GV10/8S	M18x1.5	M16x1.5	10	8
S-GV12/10S	M20x1.5	M18x1.5	12	10	S-GV14/12S	M22x1.5	M20x1.5	14	12
S-GV16/14S	M24x1.5	M22x1.5	16	14	S-GV20/16S	M30x2.0	M24x1.5	20	16
S-GV25/20S	M36x2.0	M30x2.0	25	20	S-GV30/25S	M42x2.0	M36x2.0	30	25
S-GV38/30S	M52x2.0	M42x2.0	38	30					



METRIC TUBE 90° ELBOW


Light Light Series (S-WV)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-WV4LL	M12x1.5	4	S-WV6LL	M14x1.5	6
S-WV8LL	M16x1.5	8			




Light Series (S-WV)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-WV6L	M12x1.5	6	S-WV8L	M14x1.5	8
S-WV10L	M16x1.5	10	S-WV12L	M18x1.5	12
S-WV15L	M22x1.5	15	S-WV18L	M26x1.5	18
S-WV22L	M30x2.0	22	S-WV28L	M36x2.0	28
S-WV35L	M45x2.0	35	S-WV42L	M52x2.0	42



Heavy Series (S-WV)


Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-WV6S	M14x1.5	6	S-WV8S	M16x1.5	8
S-WV10S	M18x1.5	10	S-WV12S	M20x1.5	12
S-WV14S	M22x1.5	14	S-WV16S	M24x1.5	16
S-WV20S	M30x2.0	20	S-WV25S	M36x2.0	25
S-WV30S	M42x2.0	30	S-WV38S	M52x2.0	38



METRIC TUBE TEE


Light Light Series (S-TV)

Part No	Thread A B C	Tube OD	Part No	Thread A B C	Tube OD
S-TV4LL	M08x1.5	4	S-TV6LL	M10x1.5	6
S-TV8LL	M12x1.5	8			




Light Series (S-TV)

Part No	Thread A B C	Tube OD	Part No	Thread A B C	Tube OD
S-TV6L	M12x1.5	6	S-TV8L	M14x1.5	8
S-TV10L	M16x1.5	10	S-TV12L	M18x1.5	12
S-TV15L	M22x1.5	15	S-TV18L	M26x1.5	18
S-TV22L	M30x2.0	22	S-TV28L	M36x2.0	28
S-TV35L	M45x2.0	35	S-TV42L	M52x2.0	42



Heavy Series (S-TV)

Part No	Thread A B C	Tube OD	Part No	Thread A B C	Tube OD
S-TV6S	M14x1.5	6	S-TV8S	M16x1.5	8
S-TV10S	M18x1.5	10	S-TV12S	M20x1.5	12
S-TV14S	M22x1.5	14	S-TV16S	M24x1.5	16
S-TV20S	M30x2.0	20	S-TV25S	M36x2.0	25
S-TV30S	M42.2.0	30	S-TV38S	M52x2.0	38



METRIC TUBE BULKHEAD

Light Series (S-GSV)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-GSV6L	M12x1.5	6	S-GSV8L	M14x1.5	8
S-GSV10L	M16x1.5	10	S-GSV12L	M18x1.5	12
S-GSV15L	M22x1.5	15	S-GSV18L	M26x1.5	18
S-GSV22L	M30x2.0	22	S-GSV28L	M36x2.0	28
S-GSV35L	M45x2.0	35	S-GSV42L	M52x2.0	42



Heavy Series (S-GSV)


Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-GSV6S	M14x1.5	6	S-GSV8S	M16x1.5	8
S-GSV10S	M18x1.5	10	S-GSV12S	M20x1.5	12
S-GSV14S	M22x1.5	14	S-GSV16S	M24x1.5	16
S-GSV20S	M30x2.0	20	S-GSV25S	M36x2.0	25
S-GSV30S	M42x2.0	30	S-GSV38S	M52x2.0	38



METRIC TUBE 90° BULKHEAD


Light Series (S-WSV6L)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-WSV6L	M12x1.5	6	S-WSV8L	M14x1.5	8
S-WSV10L	M16x1.5	10	S-WSV12L	M18x1.5	12
S-WSV15L	M22x1.5	15	S-WSV18L	M26x1.5	18
S-WSV22L	M30x2.0	22	S-WSV28L	M36x2.0	28
S-WSV35L	M45x2.0	35	S-WSV42L	M52x2.0	42



Heavy Series (S-WSV6S)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-WSV6S	M14x1.5	6	S-WSV8S	M16x1.5	8
S-WSV10S	M18x1.5	10	S-WSV12S	M20x1.5	12
S-WSV14S	M22x1.5	14	S-WSV16S	M24x1.5	16
S-WSV20S	M30x2.0	20	S-WSV25S	M36x2.0	25
S-WSV30S	M42x2.0	30	S-WSV38S	M52x2.0	38



METRIC TUBE X METRIC FEMALE SWIVEL 90° ELBOW

Light Series (S-EWV)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-EWV6L	M12x1.5	M12x1.5	6	S-EWV8L	M14x1.5	M14x1.5	8
S-EWV10L	M16x1.5	M16x1.5	10	S-EWV12L	M18x1.5	M18x1.5	12
S-EWV15L	M22x1.5	M22x1.5	15	S-EWV18L	M26x1.5	M26x1.5	18
S-EWV22L	M30x2.0	M30x2.0	22	S-EWV28L	M36x2.0	M36x2.0	28
S-EWV35L	M45x2.0	M45x1.5	35				



Heavy Series (S-EWV)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-EWV6S	M14x1.5	M14x1.5	6	S-EWV8S	M16x1.5	M16x1.5	8
S-EWV10S	M18x1.5	M18x1.5	10	S-EWV12S	M20x1.5	M20x1.5	12
S-EWV14S	M22x1.5	M22x1.5	14	S-EWV16S	M24x1.5	M24x1.5	16
S-EWV20S	M30x2.0	M30x2.0	20	S-EWV25S	M36x2.0	M36x2.0	25
S-EWV30S	M42x2.0	M42x1.5	30	S-EWV38S	M52x2.0	M52x1.5	38



METRIC TUBE X METRIC FEMALE SWIVEL BRANCH TEE

Light Series (S-ETV)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-ETV6L	M12x1.5	M12x1.5	6	S-ETV8L	M14x1.5	M14x1.5	8
S-ETV10L	M16x1.5	M16x1.5	10	S-ETV12L	M18x1.5	M18x1.5	12
S-ETV15L	M22x1.5	M22x1.5	15	S-ETV18L	M26x1.5	M26x1.5	18
S-ETV22L	M30x2.0	M30x2.0	22	S-ETV28L	M36x2.0	M36x2.0	28
S-ETV35L	M45x2.0	M45x1.5	35	S-ETV42L	M52x2.0	M52x1.5	42



Heavy Series (S-ETV)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-ETV6S	M14x1.5	M14x1.5	6	S-ETV8S	M16x1.5	M16x1.5	8
S-ETV10S	M18x1.5	M18x1.5	10	S-ETV12S	M20x1.5	M20x1.5	12
S-ETV14S	M22x1.5	M22x1.5	14	S-ETV16S	M24x1.5	M24x1.5	16
S-ETV20S	M30x2.0	M30x2.0	20	S-ETV25S	M36x2.0	M36x2.0	25
S-ETV30S	M42x2.0	M42x1.5	30	S-ETV38S	M52x2.0	M52x1.5	38



METRIC TUBE X METRIC FEMALE SWIVEL RUN TEE

Light Series (S-ELV)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-ELV6L	M12x1.5	M12x1.5	6	S-ELV8L	M14x1.5	M14x1.5	8
S-ELV10L	M16x1.5	M16x1.5	10	S-ELV12L	M18x1.5	M18x1.5	12
S-ELV15L	M22x1.5	M22x1.5	15	S-ELV18L	M26x1.5	M26x1.5	18
S-ELV22L	M30x2.0	M30x2.0	22	S-ELV28L	M36x2.0	M36x2.0	28
S-ELV35L	M45x2.0	M45x1.5	35	S-ELV42L	M52x2.0	M52x1.5	42



Heavy Series (S-ELV)

Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-ELV6S	M14x1.5	M14x1.5	6	S-ELV8S	M16x1.5	M16x1.5	8
S-ELV10S	M18x1.5	M18x1.5	10	S-ELV12S	M20x1.5	M20x1.5	12
S-ELV14S	M22x1.5	M22x1.5	14	S-ELV16S	M24x1.5	M24x1.5	16
S-ELV20S	M30x2.0	M30x2.0	20	S-ELV25S	M36x2.0	M36x2.0	25
S-ELV30S	M42x2.0	M42x1.5	30	S-ELV38S	M52x2.0	M52x1.5	38



UN'O' RING MALE STUD COUPLING

Light Series (S-GEV-UN)

Part No	Thread A (UNO)	Thread B	Tube OD	Part No	Thread A (UNO)	Thread B	Tube OD
S-GEV6L7/16UN	7/16"	M12x1.5	6	S-GEV8L7/16UN	7/16"	M14x1.5	8
S-GEV8L1/2UN	1/2"	M14x1.5	8	S-GEV8L9/16UN	9/16"	M14x1.5	8
S-GEV10L1/2UN	1/2"	M16x1.5	10	S-GEV10L9/16UN	9/16"	M16x1.5	10
S-GEV12L9/16UN	9/16"	M18x1.5	12	S-GEV12L3/4UN	3/4"	M18x1.5	12
S-GEV12L7/8UN	7/8"	M18x1.5	12	S-GEV15L3/4UN	3/4"	M22x1.5	15
S-GEV15L7/8UN	7/8"	M22x1.5	15	S-GEV18L7/8UN	7/8"	M26x1.5	18
S-GEV22L1.1/16UN	1.1/16"	M30x2.0	22	S-GEV28L1.5/16UN	1.5/16"	M36x2.0	28
S-GEV35L1.5/16UN	1.5/16"	M45x2.0	35	S-GEV35L1.5/8UN	1.5/8"	M45x2.0	35
S-GEV42L1.7/8UN	1.7/8"	M52x2.0	42				



Heavy Series (S-GEV-UN)

Part No	Thread A (UNO)	Thread B	Tube OD	Part No	Thread A (UNO)	Thread B	Tube OD
S-GEV6S7/16UN	7/16"	M14x1.5	6	S-GEV8S7/16UN	7/16"	M16x1.5	8
S-GEV8S1/2UN	1/2"	M16x1.5	8	S-GEV8S9/16UN	9/16"	M16x1.5	8
S-GEV10S9/16UN	9/16"	M18x1.5	10	S-GEV12S3/4UN	3/4"	M20x1.5	12
S-GEV14S3/4UN	3/4"	M22x1.5	14	S-GEV16S3/4UN	3/4"	M24x1.5	16
S-GEV16S7/8UN	7/8"	M24x1.5	16	S-GEV20S7/8UN	7/8"	M30x2.0	20
S-GEV20S1.1/16UN	1.1/16"	M30x2.0	20	S-GEV25S1.1/16UN	1.1/16"	M36x2.0	25
S-GEV25S1.5/16UN	1.5/16"	M36x2.0	25	S-GEV30S1.5/8UN	1.5/8"	M42x2.0	30
S-GEV38S1.7/8UN	1.7/8"	M52x2.0	38				



BSPF FEMALE STUD COUPLING

Light Series (S-GAV)

Part No	Thread A (BSPPF)	Thread B	Tube OD	Part No	Thread A (BSPPF)	Thread B	Tube OD
S-GAV6LR	1/8"	M12x1.5	6	S-GAV8LR	1/4"	M14x1.5	8
S-GAV10LR	1/4"	M16x1.5	10	S-GAV12LR1/4	1/4"	M18x1.5	12
S-GAV12LR	3/8"	M18x1.5	12	S-GAV12LR1/2	1/2"	M18x1.5	12
S-GAV15LR	1/2"	M22x1.5	15	S-GAV18LR	1/2"	M26x1.5	18
S-GAV22LR	3/4"	M30x2.0	22	S-GAV28LR	1"	M36x2.0	28
S-GAV35LR	1.1/4"	M45x2.0	35	S-GAV42LR	1.1/2"	M52x2.0	42



Heavy Series (S-GAV)


Part No	Thread A (BSPPF)	Thread B	Tube OD	Part No	Thread A (BSPPF)	Thread B	Tube OD
S-GAV6SR	1/4"	M14x1.5	6	S-GAV8SR	1/4"	M16x1.5	8
S-GAV10SR	3/8"	M18x1.5	10	S-GAV12SR	3/8"	M20x1.5	12
S-GAV14SR	1/2"	M22x1.5	14	S-GAV16SR	1/2"	M24x1.5	16
S-GAV20SR	3/4"	M30x3.0	20	S-GAV25SR	1"	M36x2.0	25
S-GAV30SR	1.1/4"	M42x2.0	30	S-GAV38SR	1.1/2"	M52x2.0	38



BSPT MALE STUD ELBOW


Light Light Series (S-WEV-K)

Part No	Thread A (BSPT)	Thread B	Tube OD	Part No	Thread A (BSPT)	Thread B	Tube OD
S-WEV4LLRK	1/8"	M8x1.0	4	S-WEV6LLRK	1/8"	M10x1.0	6
S-WEV8LLRK	1/8"	M12x1.0	8				




Light Series (S-WEV-K)

Part No	Thread A (BSPT)	Thread B	Tube OD	Part No	Thread A (BSPT)	Thread B	Tube OD
S-WEV6LRK	1/8"	M12x1.5	6	S-WEV6LR1/4K	1/4"	M12x1.5	6
S-WEV8LRK	1/4"	M14x1.5	8	S-WEV10LRK	1/4"	M16x1.5	10
S-WEV12LR1/4K	1/4"	M18x1.5	12	S-WEV10LR3/8K	3/8"	M16x1.5	10
S-WEV12LR1/2K	3/8"	M18x1.5	12	S-WEV15LR3/8K	3/8"	M22x1.5	15
S-WEV15LRK	1/2"	M22x1.5	15	S-WEV18LRK	1/2"	M26x1.5	18
S-WEV22LRK	3/4"	M30x2.0	22	S-WEV28LRK	1"	M36x2.0	28
S-WEV35LRK	1.1/4"	M45x2.0	35	S-WEV42LRK	1.1/2"	M52x2.0	42



Heavy Series (S-WEV-K)

Part No	Thread A (BSPT)	Thread B	Tube OD	Part No	Thread A (BSPT)	Thread B	Tube OD
S-WEV6SRK	1/4"	M14x1.5	6	S-WEV8SRK	1/4"	M16x1.5	8
S-WEV10SRK	3/8"	M18x1.5	10	S-WEV12SRK	3/8"	M20x1.5	12
S-WEV12R1/2K	1/2"	M20x1.5	12	S-WEV14SRK	1/2"	M22x1.5	14
S-WEV16SRK	1/2"	M24x1.5	16	S-WEV20SRK	3/4"	M30x2.0	20
S-WEV25SRK	1"	M36x2.0	25	S-WEV30SRK	1.1/4"	M42x2.0	30
S-WEV38SRK	1.1/2"	M52x2.0	38				



METRIC MALE STRAIGHT COUPLING


Light Light Series (S-GV)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-GV4LL	M08x1.0	4	S-GV6LL	M10x1.0	6
S-GV8LL	M12x1.0	8			




Light Series (S-GV)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-GV6L	M12x1.5	6	S-GV8L	M14x1.5	8
S-GV10L	M16x1.5	10	S-GV12L	M18x1.5	12
S-GV15L	M22x1.5	15	S-GV18L	M26x1.5	18
S-GV22L	M30x2.0	22	S-GV28L	M36x1.5	28
S-GV35L	M45x2.0	35	S-GV42L	M52x2.0	42




Heavy Series (S-GV)

Part No	Thread A B	Tube OD	Part No	Thread A B	Tube OD
S-GV6S	M14x1.5	6	S-GV8S	M16x1.5	8
S-GV10S	M18x1.5	10	S-GV12S	M20x1.5	12
S-GV14S	M22x1.5	14	S-GV16S	M24x1.5	16
S-GV20S	M30x2.0	20	S-GV25S	M36x2.0	25
S-GV30S	M42x2.0	30	S-GV38S	M52x2.0	38




TUBE NUT & SLEEVE

JIC					
Part No	Thread JIC	Tube OD	Part No	Thread JIC	Tube OD
SZJ304	7/16	1/4	SZJ306	9/16	3/8
SZJ308	3/4	1/2	SZJ310	7/8	5/8
SZJ312	1.1/16	3/4	SZJ316	1.5/16	1
SZJ320	1.5/8	1.1/4	SZJ324	1.7/8	1.1/2




WELD STUD COUPLING

Din Metric Light							
Part No	Thread A	Dia B	Tube OD	Part No	Thread A	Dia B	Tube OD
S-ASV6L	M12x1.5	10	6	S-ASV8L	M14x1.5	12	8
S-ASV10L	M16x1.5	14	10	S-ASV12L	M18x1.5	16	12
S-ASV15L	M22x1.5	19	15	S-ASV18L	M26x1.5	22	18
S-ASV22L	M30x2.0	27	22	S-ASV28L	M36x2.0	32	28
S-ASV35L	M45x2.0	40	35	S-ASV42L	M52x2.0	46	42



Din Metric Couplings							
Part No	Thread A	Dia B	Tube OD	Part No	Thread A	Dia B	Tube OD
S-ASV6S	M14x1.5	11	6	S-ASV8S	M14x1.5	13	8
S-ASV10S	M18x1.5	15	10	S-ASV12S	M20x1.5	17	12
S-ASV14S	M22x1.5	19	14	S-ASV16S	M24x1.5	21	16
S-ASV20S	M30x2.0	26	20	S-ASV25S	M36x2.0	31	25
S-ASV30S	M42x2.0	36	30	S-ASV38S	M52x2.0	44	38



METRIC TUBE CROSS

Light Series (S-KV)

Part No	Thread A B C D	Tube OD	Part No	Thread A B C D	Tube OD
S-KV6L	M12x1.5	6	S-KV8L	M14x1.5	8
S-KV10L	M16x1.5	10	S-KV12L	M18x1.5	12
S-KV15L	M22x1.5	15	S-KV18L	M26x1.5	18
S-KV22L	M30x2.0	22	S-KV28L	M36x2.0	28
S-KV35L	M45x2.0	35	S-KV42L	M52x2.0	42



Heavy Series (S-KV)


Part No	Thread A B C D	Tube OD	Part No	Thread A B C D	Tube OD
S-KV6S	M14x1.5	6	S-KV8S	M16x1.5	8
S-KV10S	M15x1.5	10	S-KV12S	M20x1.5	12
S-KV14S	M22x1.5	14	S-KV16S	M24x1.5	16
S-KV20	M30x2.0	20	S-KV25S	M36x2.0	25
S-KV30S	M42x2.0	30	S-KV38S	M52x2.0	38



METRIC TUBE NUT


Light Light Series (S-M)

Part No	Thread A	Tube	Part No	Thread A	Tube
S-M4LL	M8x1.0	4	S-M6LL	M10x1.0	6
S-M8LL	M12x1.0	8			




Light Series (S-M)

Part No	Thread A	Tube	Part No	Thread A	Tube
S-M6L	M12x1.5	6	S-M8L	M14x1.5	8
S-M10L	M16x1.5	10	S-M12L	M18x1.5	12
S-M15L	M22x1.5	15	S-M18L	M26x1.5	18
S-M22L	M30x2.0	22	S-M28L	M36x2.0	28
S-M35L	M45x2.0	35	S-M42L	M52x2.0	42



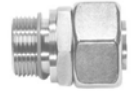
Heavy Series (S-M)

Part No	Thread A	Tube	Part No	Thread A	Tube
S-M6S	M14x1.5	6	S-M8S	M16x1.5	8
S-M10S	M18x1.5	10	S-M12S	M20x1.5	12
S-M14S	M22x1.5	14	S-M16S	M24x1.5	16
S-M20S	M30x3.0	20	S-M25S	M36x3.0	25
S-M30S	M42x3.0	30	S-M38S	M52x3.0	38



BSPX X METRIC FEMALE SWIVEL

Metric light							
Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-EGES6LR-WD	1/8	M12x1.5	6	S-EGES8LR-WD	1/4	M14x1.5	8
S-EGES10LR-WD	1/4	M16x1.5	10	S-EGES12LR-WD	3/8	M18x1.5	12
S-EGES15LR-WD	1/2	M22x1.5	15	S-EGES18LR-WD	1/2	M26x1.5	18
S-EGES22LR-WD	3/4	M30x2.0	22	S-EGES28LR-WD	1	M36x2.0	28
S-EGES35LR-WD	1.1/4	M45x2.0	35	S-EGES42LR-WD	1.1/2	M52x2.0	42



Metric Heavy							
Part No	Thread A	Thread B	Tube OD	Part No	Thread A	Thread B	Tube OD
S-EGES6SR-WD	1/4	M14x1.5	6	S-EGES8SR-WD	1/4	M16x1.5	8
S-EGES10SR-WD	3/8	M18x1.5	10	S-EGES12SR-WD	3/8	M20x1.5	12
S-EGES14SR-WD	1/2	M22x1.5	14	S-EGES16SR-WD	1/2	M24x1.5	16
S-EGES20SR-WD	3/4	M30x2.0	20	S-EGES25SR-WD	1	M36x2.0	25
S-EGES30SR-WD	1.1/4	M42x2.0	30	S-EGES38SR-WD	1.1/2	M52x2.0	38




Hose

HOSE

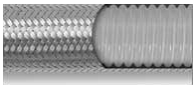
SAE R8 Thermoplastic Hose

Part No	ID	WP (PSI)	Part No	ID	WP (PSI)
R8-02	1/8	5075	R8-03	3/16	5075
R8-04	1/4	5075	R8-06	3/8	4060
R8-08	1/2	3550	R8-10	5/8	2830
R8-12	3/4	2390			




PTFE Convoluted Hose Stainless Steel Braid

Part No	ID	WP (PSI)	Part No	ID	WP (PSI)
SSTC-06	3/8	1740	SSTC-08	1/2	1595
SSTC-10	5/8	1160	SSTC-12	3/4	1015
SSTC-16	1	725	SSTC-20	1.1/4	650
SSTC-24	1.1/2	580	SSTC-32	2	520



SAE R14 PTFE Smooth Bore Stainless Steel Braid

Part No	ID	WP (PSI)	Part No	ID	WP (PSI)
SST-4T	1/4	2540	SST-6T	3/8	1960
SST-8T	1/2	1740	SST-12T	3/4	1300
SST-16T	1	940			




Misc Products

FLANGE NUTS


Imperial Flange Nuts (Brass)

Part No	Thread (A)	Part No	Thread (A)
FLNUT03	3/16	FLNUT04	1/4
FLNUT05	5/16	FLNUT06	3/8



Metric Flange Nuts (Brass)


Part No	Thread (mm)	Part No	Thread (mm)
FLNUTM5B	5	FLNUTM6B	6
FLNUTM8B	8	FLNUTM10B	10



WOOD INSERTS

Metric Wood Inserts (Brass)

Part No	Thread (A)	Part No	Thread (A)
WS04B	4	WS05B	5
WS06B	6	WS08B	8
WS10B	10		



DBF STAINLESS HYDRAULIC FITTINGS
Douglas B Foote Ltd



THERMOPLASTIC SAE 100 R 8



Technical feature of the R8 series hose with aramid fiber reinforcement in compliance with SAE 100 R8 standard

Part #	Internal Dia mm	Internal Dia inch	External Dia mm	Min Burst bar	Min Burst psi	Working max bar	Working max psi	Bend Rad mm	Bend Rad inch
R8-02	3.5	1/8	7.1	1400	20300	350	5075	30	1.18
R8-03	4.8	3/16	10.0	1400	20300	350	5075	35	1.38
R8-04	6.4	1/4	11.8	1400	20300	350	5075	50	1.96
R8-06	9.7	3/8	16.0	1120	16240	280	4060	80	3.15
R8-08	13.0	1/2	20.3	980	14210	245	3550	95	3.74
R8-10	16.0	5/8	24.5	780	11300	195	2830	125	4.92
R8-12	19.2	3/4	26.5	660	9570	165	2390	150	5.90

Technical-Construction Features:

*Internal core in thermoplastic polyester, aramid fiber reinforcement, exterior covering in polyurethane.
On request it is also available micro perforated for the conveying of air and compatible gases.*

DBF STAINLESS HYDRAULIC FITTINGS
Douglas B Foote Ltd



Convolutd PTFE



Flexible corrugated PTFE hose with AISI 304 stainless steel braid

Part #	Internal Dia inch	Internal Dia mm	External Dia mm	Min Burst bar	Min Burst psi	Working max bar	Working max psi	Bend Rad mm	Bend Rad inch
		min	max						
SSTC-06	3/8	15.00	16.20	480	6960	120	1740	30	1.18
SSTC-08	1/2	18.10	19.70	440	6380	110	1595	40	1.57
SSTC-10	5/8	24.50	22.90	320	4640	80	1160	50	1.96
SSTC-12	3/4	25.30	27.50	280	4060	70	1015	80	3.14
SSTC-16	1	31.70	34.30	200	2900	50	725	100	3.93
SSTC-20	1.1/4	39.00	42.00	180	2610	45	652	120	4.72
SSTC-24	1.1/2	44.80	49.20	160	2320	40	580	140	5.51
SSTC-32	2	58.70	63.60	144	2088	36	522	175	6.88

Technical-Construction Features:

Internal core in convoluted PTFE, reinforced with an AISI 304 Stainless steel braid

Applications:

The hose in the PTFE convoluted stainless steel series have been created mainly for the high pressure transfer of paints, oil, water, fluids containing water in general and steam, where the particular type of hose flexibility, offered by the internal convoluted core is required.

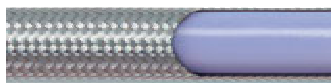
Temperature Range -60c to +260c

Hoses not suitable for the through flow of oxygen and saturated steam under pressure

DBF STAINLESS HYDRAULIC FITTINGS
Douglas B Foote Ltd



Smooth Bore PTFE



Technical feature of the R14 series small thickness hose with AISI 304 stainless steel braid

Part #	Internal Dia mm	Internal Dia inch	External Dia mm	Min Burst bar	Min Burst psi	Working max bar	Working max psi	Bend Rad mm	Bend Rad inch
SST-4T	6.35	1/4	8.9	700	10150	175	2540	45	1.77
SST-6T	9.50	3/8	12.4	540	7830	135	1960	55	2.16
SST-8T	12.70	1/2	15.7	480	6960	120	1740	70	2.75
SST-12T	19.00	3/4	22.2	360	5220	90	1300	190	7.48
SST-16T	25.40	1	29.3	260	3770	65	940	270	10.62

Technical-Construction Features:

Internal core in PTFE with AISI 304 stainless steel braid

Applications

The PTFE series have been created mainly for the high pressure transfer of paints, oil, air, water, and fluids containing water in general and steam.

Temperature Range -60c to +260c

Not suitable for the transfer of oxygen and saturated steam under pressure.



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Whether it be milling or turning of metals or plastics, short run or production run, you can count on us to deliver a quality product to specification every time. A diverse range of material is utilized from brass and aluminum to exotic steels, stainless steels and titanium.

DBF professionals and trades personal have built an enviable reputation for technical know-how, quality, innovative design, workmanship and reliability over a wide range of engineering disciplines to meet and exceed our clients' expectations.

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