

Our Basic Products include:

Hydraulics Hose & Fittings

Steel Adaptors

Steel Tubing & Fittings

Multi Purpose Hose

Pushlok Hose

Brass Fittings

Quick Couplers

Spiral Guard

Pipe Clamps

Brass Fittings

Email: allan@jphydraulics.com

Ball Valves

Pneumatics

Airbrake Fittings

Washers

Copper Tubing

Fire Sleeving

Various other products

*Prices subject to change without prior notice,
Prices subject to stock availability,
Prices retails subject to discount*

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Hydraulic Hoses

SAE 100 R1 AT		
One Wire		
	Size	Part No
1/4	S425-04	
3/8	S425-06	
1/2	S425-08	
5/8	S425-10	
3/4	S425-12	
1	S425-16	
1 1/4	S425-20	
1 1/2	S425-24	
2	S425-32	

SAE 100 R2 AT		
Two Wire		
	Size	Part No
1/4	S204	
5/16	S205	
3/8	S206	
1/2	S208	
5/8	S210	
3/4	S212	
1	S216	
1 1/4	S220	
1 1/2	S224	
2	S232	

SAE 100 R2 AT		
Two Wire		
	Size	Part No
1/4	D204	
3/8	D206	
1/2	D208	
5/8	D210	
3/4	D212	
1	D216	
1 1/4	D220	
1 1/2	D224	
2	D232	

DIN - EN 856 4SP/R9R		
Mult Spiral		
	Size	Part No
3/8	4SP-06	
1/2	4SP-08	
5/8	4SP-10	
3/4	4SP-12	
1	4SP-16	


DIN - EN 856 4SH		
Mult Spiral		
	Size	Part No
3/4	4SH-12	
1	4SH-16	
1 1/4	4SH-20	
1 1/2	4SH-24	
2	4SH-32	



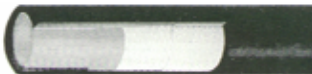
Multi Purpose Hose

Multi Purpose Hose		Dynamische Multi Purpose Hose 20 Bar				
Multi Purpose Hose						
Type	Extruded					
Tube	Black NR/NBR blends. Resistant to oil & fuel					
Cover	Black NR/NBR blends. Resistant to oil traces, abrasion & weather					
Reinforcement	High tensile synthetic yarn					
Surface	Smooth					
Size	Part No			Size	Part No	
1/4 (6mm)	801-04			5/8 (16mm)	801-10	
5/16 (8mm)	801-05			3/4 (19mm)	801-12	
3/8 (10mm)	801-06			1 (25mm)	801-16	
1/2 (12mm)	801-08					

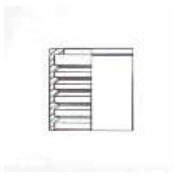
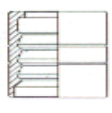

Spiral Guard

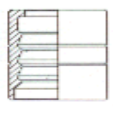
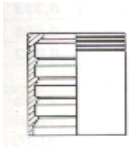
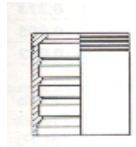
Pvc Spiral Guard Standard				
Standard				
Part No	Suitable for		Range ID/OD	
SG06	1-04	1 Wire 1/4 Hose	13 - 16 mm	
	2-04	2 Wire 1/4 Hose		
SG08	1-06	1 Wire 3/8 Hose	16 - 20 mm	
	2-06	2 Wire 3/8 Hose		
	4-06	4 Wire 3/8 Hose		
SG10	1-08	1 Wire 1/2 Hose	20 - 25 mm	
	1-10	1 Wire 5/8 Hose		
	2-08	2 Wire 1/2 Hose		
	4-08	4 Wire 1/2 hose		
SG12	2-10	2 Wire 5/8 Hose	27 - 32 mm	
	1-12	1 Wire 3/4 Hose		
	2-12	2 Wire 3/4 Hose		
	4-12	4 Wire 3/4 Hose		
SG16	1-16	1 Wire 1 Hose	35 - 40 mm	
	2-16	2 Wire 1 Hose		
	4-16	4 Wire 1 Hose		

Thermoplastic Hose




Thermo Plastic	SAE 100 R7 (Single & Twin) - Thermo Plastic			
	Single		Twin	
				
Size	Part No	Price	Part No	
1/4	R 7-04	R 72.45	R 7T-04	
3/8	R 7-06	R 110.20	R 7T-06	
1/2	R7-08	R 151.00		

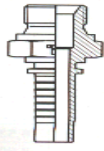
Collars

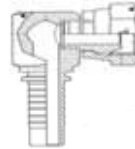
Collars	Non Skive One Wire		Non Skive Two Wire		Teflon & R7	
						
Size	Part No		Part No		Part No	
1/4	CTCL1-04		XTCL-04		3381-04	
3/8	CTCL1-06		XTCL-06		3381-06	
1/2	CTCL1-08		XTCL-08		3381-08	
5/8	CTCL1-10		XTCL-10		3381-10	
3/4	CTCL1-12		XTCL-12		3381-12	
1	CTCL1-16		XTCL-16		3381-16	
1 1/4	CTCL1-20		XTCL-20			
1 1/2	CTCL1-24		XTCL-24			
2	CTCL1-32		XTCL-32			

Collars	Skive Two Wire		Multi Spiral		Interlok	
						
Size	Part No		Part No		Part No	Price
1/4	CX04BD					
3/8	CX06BD		H06FLW			
1/2	CX08BD		H08FLW			
5/8	CX10BD		H10FLW			
3/4	CX12BD		H12FLW		IL12FLW	
1	CX16BD		H16FLW		IL16FLW	
1 1/4	CX20BD		H20FLW		IL20FLW	
1 1/2	CX24BD		H24FLW		IL24FLW	
2	CX32BD		H32FLW		IL32FLW	
M00910						




Hose Fittings


Bsp Females	Bsp Females					
	Straight		45'		90'	
						
Size	Part No		Part No		Part No	
1/8 x 1/4	X02BF04					
1/4 x 1/4	X04BF04		X04B45S04		X04B90S04	
1/4 x 3/8	X04BF06					
3/8 x 1/4	X06BF04				X06B90S04	
3/8 x 3/8	X06BF06		X06B45S06		X06B90S06	
3/8 x 1/2	X06BF08					
1/2 x 3/8	X08BF06				X08B90S06	
1/2 x 1/2	X08BF08		X08B45S08		X08B90S08	
5/8 x 1/2	X10BF08				X10B90S08	
5/8 x 5/8	X10BF10		X10B45S10		X10B90S10	
3/4 x 1/2	X12BF08					
3/4 x 5/8	X12BF10				X12B90S10	
3/4 x 3/4	X12BF12		X12B45S12		X12B90S12	
1 x 3/4	X16BF12				X16B90S12	
1 x 1	X16BF16		X16B45S16		X16B90S16	
1 1/4 x 1 1/4	X20BF20		X20B45S20		X20B90S20	
1 1/2 x 1 1/2	X24BF24		X24B45S24		X24B90S24	
2 x 2	X32BF32		X32B45S32		X32B90S32	

Bsp Males	Bsp Males	
		
Size	Part No	
1/8 x 1/4	X02BM04	
1/4 x 1/4	X04BM04	
3/8 x 1/4	X06BM04	
3/8 x 3/8	X06BM06	
1/2 x 3/8	X08BM06	
1/2 x 1/2	X08BM08	
5/8 x 5/8	X10BM10	
3/4 x 3/4	X12BM12	
1 x 1	X16BM16	
1 1/4 x 1 1/4	X20BM20	
1 1/2 x 1 1/2	X24BM24	
2 x 2	X32BM32	

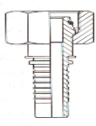
Bsp Compact Elbow	BSP Compact Elbow	
		
Size	Part No	
1/4	X04B90S04K	
3/8	X06B90S06K	
1/2	X08B90S08K	

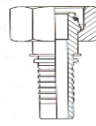
Hose Fittings

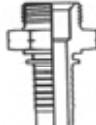
Jic Females		Jic Females				
		Straight		45°		90°
						
Size	Part No		Part No		Part No	
1/4 x 1/4	X04JF04		X04J45S04		X04J90S04	
5/16 x 1/4	X05JF04		X05J45S04		X05J90S04	
3/8 x 1/4	X06JF04		X06J45S04		X06J90S04	
3/8 x 3/8	X06JF06		X06J45S06		X06J90S06	
1/2 x 3/8	X08JF06		X08J45S06		X08J90S06	
1/2 x 1/2	X08JF08		X08J45S08		X08J90S08	
5/8 x 1/2	X10JF08		X10J45S08		X10J90S08	
5/8 x 5/8	X10JF10		X10J45S10		X10J90S10	
3/4 x 1/2	X12JF08				X12J90S08	
3/4 x 5/8	X12JF10				X12J90S10	
3/4 x 3/4	X12JF12		X12J45S12		X12J90S12	
1 x 3/4	X16JF12				X16J90S12	
1 x 1	X16JF16		X16J45S16		X16J90S16	
1 1/4 x 1 1/4	X20JF20		X20J45S20		X20J90S20	
1 1/2 x 1 1/2	X24JF24		X24J45S24		X24J90S24	
2 x 2	X32JF32		X32J45S32		X32J90S32	
M22512/3						

Jic Males		Jic Males			
					
Size	Part No		Size	Part No	
1/4 x 1/4	X04JM04		3/4 x 1/2	X12JM08	
5/16 x 1/4	X05JM04		3/4 x 5/8	X12JM10	
3/8 x 3/8	X06JM04		3/4 x 3/4	X12JM12	
3/8 x 3/8	X06JM06		1 x 3/4	X16JM12	
1/2 x 3/8	X08JM06		1 x 1	X16JM16	
1/2 x 1/2	X08JM08		1 1/4 x 1 1/4	X20JM20	
5/8 x 1/2	X10JM08		1 1/2 x 1 1/2	X24JM24	
5/8 x 5/8	X10JM10		2 x 2	X32JM32	

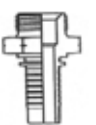
Hose Fittings

Light Series	Metric Female		
			
Part No	Thread	Pipe x Hose	
X12MSF06-04	12 x 1.5	6L x 1/4	
X14MSF08-04	14 x 1.5	8L x 1/4	
X16MSF10-04	16 x 1.5	10L x 1/4	
X16MSF10-06	16 x 1.5	10L x 3/8	
X18MSF12-04	18 x 1.5	12L x 1/4	
X18MSF12-06	18 x 1.5	12L x 3/8	
X22MSF15-06	22 x 1.5	15L X 3/8	
X22MSF15-08	22 x 1.5	15L x 1/2	
X26MSF18-08	26 x 1.5	18L x 1/2	
X26MSF18-10	26 x 1.5	18L x 5/8	
X30MSF22-12	30 x 2	22L x 3/4	
X36MSF28-16	36 x 2	28L x 1	
X45MSF35-20	45 x 2	35L x 1 1/4	
X52MSF42-24	52 x 2	42L x 1 1/2	


Heavy Series	Metric Female		
			
Part No	Thread	Pipe x Hose	
X14MSF06-04	14x1.5	6S x 1/4	
X16MSF08-04	16x1.5	8S x 1/4	
X18MSF10-04	18x1.5	10S x 1/4	
X18MSF10-06	18x1.5	10S x 3/8	
X20MSF12-06	20x1.5	12S x 3/8	
X22MSF14-06	22x1.5	14S x 3/8	
X24MSF16-08	24x1.5	16S x 1/2	
X30MSF20-10	30x2	20S x 5/8	
X30MSF20-12	30x2	20S x 3/4	
X36MSF25-12	36x2	25S x 3/4	
X36MSF25-16	36x2	25S x 1	
X42MSF30-16	42x2	30S x 1	
X52MSF38-20	52x2	38S x 1 1/4	

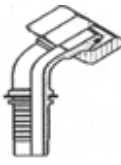
Light Series	Metric Male		
			
Part No	Thread	Pipe x Hose	
X12ME06-04	12 x 1.5	06L x 1/4	
X14ME08-04	14 x 1.5	08L x 1/4	
X16ME10-04	16 x 1.5	10L x 1/4	
X16ME10-06	16 x 1.5	10L x 3/8	
X18ME12-06	18 x 1.5	12L x 3/8	
X22ME15-06	18 x 1.5	15L x 3/8	
X22ME15-08	22 x 1.5	15L x 1/2	
X26ME18-08	26 x 1.5	18L x 1/2	
X26ME18.10	26 x 1.5	18L x 5/8	
X30ME22-12	30 x 2	22L x 3/4	
X36ME28-16	36 x 2	28L x 1	
X45ME35-20	45 x 2	35L x 1 1/4	
X52ME42-24	52 x 2	42L x 1 1/2	


M11110


Heavy Series	Metric Male		
			
Part No	Thread	Pipe x Hose	
X14ME06-04	14x1.5	06S x 1/4	
X16ME08-04	16x1.5	08S x 1/4	
X18ME10-04	18x1.5	10S x 1/4	
X20ME12-06	20x1.5	12S x 3/8	
X22ME14-06	22x1.5	14S x 3/8	
X24ME16-08	24x1.5	16S x 1/2	
X30ME20-10	30x2	20S x 5/8	
X30ME20-12	30x2	30S x 3/4	
X36ME25-12	36x2	25S x 3/4	
X42ME30-16	42x2	30S x 1	
X52ME38-20	52x2	38S x 1 1/4	

Hose Fittings

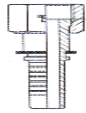
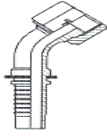

Light Series	Metric Female 45'		
			
Part No	Thread	Pipe x Hose	
X12MSF45S-0604	12x1.5	6Lx1/4	
X14MSF45S-0804	14x1.5	8Lx1/4	
X16MSF45S-1004	16x1.5	10Lx1/4	
X16MSF45S-1006	16x1.5	10Lx3/8	
X18MSF45S-1206	18x1.5	12Lx3/8	
X22MSF45S-1508	22x1.5	15Lx3/8	
X26MSF45S-1810	26x1.5	18Lx5/8	
X30MSF45S-2212	30x2	22Lx3/4	
X36MSF45S-2816	36x2	28Lx1	
X45MSF45S-3520	45x2	35Lx1 1/4	
X52MSF45S-4224	52x2	42Lx1 1/2	

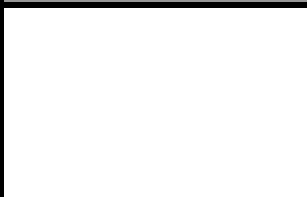
Heavy Series	Metric Female 45'		
			
Part No	Thread	Pipe x Hose	
X16MSF45S-0804	16x1.5	08Sx1/4	
X18MSF45S-1004	18x1.5	10Sx1/4	
X20MSF45S-1206	20x1.5	12Sx3/8	
X22MSF45S-1406	22x1.5	14Sx3/8	
X24MSF45S-1608	24x1.5	16Sx1/2	
X30MSF45S-2010	30x2	20Sx5/8	
X36MSF45S-2512	36x2	25Sx3/4	
X42MSF45S-3016	42x2	30Sx1	
X52MSF45S-3820	52x2	38Sx1 1/4	

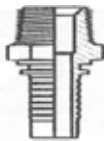
Light Series	Metric Female 90'		
			
Part No	Thread	Pipe x Hose	
X12MSF90S-0604	12x1.5	6L x 1/4	
X14MSF90S-0804	14x1.5	8L x 1/4	
X16MSF90S-1004	16x1.5	10L x 1/4	
X16MSF90S-1006	16x1.5	10L x 3/8	
X18MSF90S-1206	18x1.5	12L x 3/8	
X22MSF90S-1508	22x1.5	15L x 1/2	
X26MSF90S-1810	26x1.5	18L x 5/8	
X30MSF90S-2212	30x2	22L x 3/4	
X36MSF90S-2816	36x2	28L x 1	
X45MSF90S-3520	45x2	35L x 1 1/4	
X52MSF90S-4224	52x2	42L x 1 1/2	

Heavy Series	Metric Female 90'		
			
Part No	Thread	Pipe x Hose	
X16MSF90S-0804	16x1.5	8S x 1/4	
X18MSF90S-1004	18x1.5	10S x 1/4	
X20MSF90S-1206	20x1.5	12S x 3/8	
X22MSF90S-1406	22x1.5	14S x 3/8	
X24MSF90S-1608	24x1.5	16S x 1/2	
X30MSF90S-2010	30x2	20S x 5/8	
X30MSF90S-2012	30x2	20S x 3/4	
X36MSF90S-2512	36x2	25S x 3/4	
X36MSF90S-2516	36x2	25S x 1	
X42MSF90S-3016	42x2	30S x 1	
X52MSF90S-3820	52x2	38S x 1 1/4	




Hose Fittings

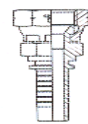
Orfs Females	Orfs Female - Str		Orfs Female - 45'		Orfs Female - 90'	
						
Size	Part No		Part No		Part No	
9/16" -18 x 1/4	X04LORF04		X04LORF45S04		X04LORF90S04	
11/16" -16 x 1/4	X06LORF04				X06LORF90S04	
11/16" -16 x 3/8	X06LORF06		X06LORF45S06		X06LORF90S06	
13/16" -16 x 3/8	X08LORF06				X08LORF90S06	
13/16" -16 x 1/2	X08LORF08		X08LORF45S08		X08LORF90S08	
1" -14 x 1/2	X10LORF08				X10LORF90S08	
1" -14 x 5/8	X10LORF10		X10LORF45S10		X10LORF90S10	
1 3/16" -12 x 1/2	X12LORF08					
1 3/16" -12 x 5/8	X12LORF10					
1 3/16" -12 x 3/4	X12LORF12		X12LORF45S12		X12LORF90S12	
1 7/16" -12 x 1	X16LORF16		X16LORF45S16		X16LORF90S16	
1 11/16" -12 x 11/4	X20LORF20		X20LORF45S20		X20LORF90S20	
2 11/16" -12 x 11/4	X24LORF24				X24LORF90S24	


Orfs Males	Orfs Male	
		
Size	Part No	
9/16" x 1/4	X04LORM04	
11/16" -16 x 1/4	X06LORM04	
11/16" -16 x 3/8	X06LORM06	
13/16" -16 x 3/8	X08LORM06	
13/16" -16 x 1/2	X08LORM08	
1" -14 x 1/2	X10LORM08	
1" -14 x 5/8	X10LORM10	
1 3/16" -12 x 1/2	X12LORM08	
1 3/16" -12 x 5/8	X12LORM10	
1 3/16" -12 x 3/4	X12LORM12	
1 7/16" -12 x 3/4	X16LORM12	
1 7/16" -12 x 1	X16LORM16	


Npt Males	Npt Male	
		
Size	Part No	
1/8 x 1/4	X02NM04	
1/4 x 1/4	X04NM04	
1/4 x 3/8	X04NM06	
3/8 x 1/4	X06NM04	
3/8 x 5/16	X06NM05	
3/8 x 3/8	X06NM06	
3/8 x 1/2	X06NM08	
1/2 x 3/8	X08NM06	
1/2 x 1/2	X08NM08	
3/4 x 1/2	X12NM08	
3/4 x 5/8	X12NM10	
3/4 x 3/4	X12NM12	
1 x 3/4	X16NM12	
1 x 1	X16NM16	
1 1/4 x 1 1/4	X20NM20	
1 1/2 x 1 1/2	X24NM24	
2 x 2	X32NM32	


Hose Fittings

Metric Standpipes	Metric Standpipe		Metric Standpipe-45'		Metric Standpipe-90'	
						
Size	Part No		Part No		Part No	
6 x 1/4	X06MOSE04		X06MOSE45S04		X06MOSE90S04	
8 x 1/4	X08MOSE04		X08MOSE45S04		X08MOSE90S04	
10 x 1/4	X10MOSE04		X10MOSE45S04			
10 x 3/8	X10MOSE06				X10MOSE90S06	
12 x 3/8	X12MOSE06				X12MOSE90S06	
14 x 3/8	X14MOSE06					
14 X 1/2	X14MOSE08					
15 x 1/2	X15MOSE08		X15MOSE45S08			
16 x 1/2	X16MOSE08					
18 x 1/2	X18MOSE08					
18 x 5/8	X18MOSE10				X18MOSE90S10	




Komatsu Female	Komatsu Female	
		
Size	Part No	
1/4	X04KF04	
3/8	X06KF06	
1/2	X08KF08	
5/8	X10KF10	
3/4	X12KF12	
1	X16KF16	

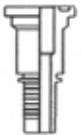


Wap Karcher	Wap Fittings	
		
Size	Part No	
1/4	X04WF04	
5/16	X05WF05	
3/8	X06WF06	
1/4	X04WM04	

Blank Tails	Blank Tails	
		
Size	Part No	
1/4	X04BT	
3/8	X06BT	
1/2	X08BT	
5/8	X10BT	
3/4	X12BT	
1	X16BT	
1 1/4	X20BT	

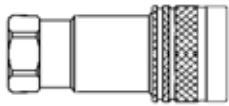
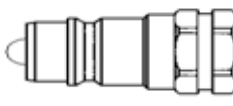
Hose Joiners	Hose Joiners	
		
Size	Part No	
1/4	X04HJ	
3/8	X06HJ	
1/2	X08HJ	
5/8	X10HJ	
1/2	X12HJ	
1	X16HJ	

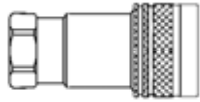
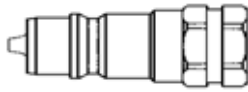
Hose Fittings

Solid One Piece Flange 3000psi			Straight		45'		90'	
								
Flange	FI OD	Hose	Part No		Part No		Part No	
			S08SFH-3-08		S08SFH45S-3-08		S08SFH90S-3-08	
			S12SFH-3-08		S12SFH45S-3-08		S12SFH90S-3-08	
3/4	38.10 mm	3/4	S12SFH-3-12		S12SFH45S-3-12		S12SFH90S-3-12	
1	44.50 mm	3/4	S16SFH-3-12		S16SFH45S-3-12		S16SFH90S-3-12	
1	44.50 mm	1	S16SFH-3-16		S16SFH45S-3-16		S16SFH90S-3-16	
1 1/4	50.80 mm	1	S20SFH-3-16		S20SFH45S-3-16		S20SFH90S-3-16	
1 1/4	50.80 mm	1 1/4	S20SFH-3-20		S20SFH45S-3-20		S20SFH90S-3-20	
1 1/2	60.30 mm	1 1/4	S24SFH-3-20		S24SFH45S-3-20		S24SFH90S-3-20	
1 1/2	60.30 mm	1 1/2	S24SFH-3-24		S24SFH45S-3-24		S24SFH90S-3-24	
2	71.4 mm	1 1/2	S32SFH-3-24		S32SFH45S-3-24		S32SFH90S-3-24	
2	71.4 mm	2	S32SFH-3-32		S32SFH45S-3-32		S32SFH90S-3-32	

Solid One Piece Flange 6000 psi			Straight		45'		90'	
								
Flange	FI OD	Hose	Part No		Part No		Part No	
3/4	41.30 mm	3/4	S12SFH-6-12		S12SFH45S-6-12		S12SFH90S-6-12	
1	47.60 mm	3/4	S16SFH-6-12		S16SFH45S-6-12		S16SFH90S-6-12	
1	47.60 mm	1	S16SFH-6-16		S16SFH45S-6-16		S16SFH90S-6-16	
1 1/4	54.00 mm	1	S20SFH-6-16		S20SFH45S-6-16		S20SFH90S-6-16	
1 1/4	54.00 mm	1 1/4	S20SFH-6-20		S20SFH45S-6-20		S20SFH90S-6-20	
1 1/2	63.50 mm	1 1/4	S24SFH-6-20				S24SFH90S-6-20	
1 1/2	63.50 mm	1 1/2	S24SFH-6-24				S24SFH90S-6-24	


Quick Couplers

Ball Type (Npt & Bsp)					
Ball Type		Female		Male	
					
Size	Part No			Part No	
1/4	4050-02 /R			4010-02 /R	
3/8	4050-03 /R			4010-03 /R	
1/2	4050-04 /R			4010-04 /R	
3/4	4050-05 /R			4010-05 /R	
1	4050-06 /R			4010-06 /R	

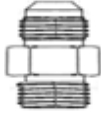

Pin Type (Npt & Bsp)					
Pin Type		Female		Male	
					
Size	Part No			Part No	
1/4	4050-02P /R			4010-02P /R	
3/8	4050-03P /R			4010-03P /R	
1/2	4050-04P /R			4010-04P /R	
3/4	4050-05P /R			4010-05P /R	
1	4050-06P /R			4010-06P /R	

We also stock Screw in type & flat face quick couplers




Adaptors

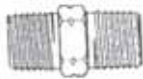


Bsp x Bsp	Bsp Adaptors			
	Bsp x Bsp		Bsp x Bsp Taper	
				
Size	Part No		Part No	
1/8 x 1/8	HNB-02-02		HNBT-02-02	
1/4 x 1/8	HNB-04-02		HNBT-04-02	
1/4 x 1/4	HNB-04-04		HNBT-04-04	
1/4 x 3/8			HNBT-04-06	
1/4 x 1/2			HNBT-04-08	
3/8 X 1/8	HNB-06-02		HNBT-06-02	
3/8 x 1/4	HNB-06-04		HNBT-06-04	
3/8 x 3/8	HNB-06-06		HNBT-06-06	
3/8 x 1/2			HNBT-06-08	
			HNBT-06-12	
1/2 x 1/8	HNB-08-02			
1/2 x 1/4	HNB-08-04		HNBT-08-04	
1/2 x 3/8	HNB-08-06		HNBT-08-06	
1/2 x 1/2	HNB-08-08		HNBT-08-08	
1/2 x 3/4			HNBT-08-12	
5/8 x 1/2	HNB-10-08			
5/8 x 5/8	HNB-10-10			
3/4 x 3/8	HNB-12-06		HNBT-12-06	
3/4 x 1/2	HNB-12-08		HNBT-12-08	
3/4 x 5/8	HNB-12-10			
3/4 x 3/4	HNB-12-12		HNBT-12-12	
3/4 x 1			HNBT-12-16	
1 x 1/2	HNB-16-08			
1 x 3/4	HNB-16-12		HNBT-16-12	
1 x 1	HNB-16-16		HNBT-16-16	
1 x 1 1/4			HNBT-16-20	
1 1/4 x 3/4	HNB-20-12			
1 1/4 x 1	HNB-20-16		HNBT-20-16	
1 1/4 x 1 1/4	HNB-20-20		HNBT-20-20	
1 1/4 x 1 1/2			HNBT-20-24	
1 1/2 x 1	HNB-24-16			
1 1/2 x 1 1/4	HNB-24-20		HNBT-24-20	
1 1/2 x 1 1/2	HNB-24-24		HNBT-24-24	
2 x 1 1/4			HNBT-32-20	
2 x 1 1/2	HNB-32-24			
2 x 2	HNB-32-32		HNBT-32-32	

Adaptors




Jic x Bsp Male				
Jic x Bsp	Str		90°	
				
Size	Part No		Part No	
			C40XS-04-02	
7/16 x 1/4	MCJB-04-04		C40XS-04-04	
7/16 x 3/8	MCJB-04-06		C40XS-04-06	
7/16 x 1/2	MCJB-04-08			
1/2 x 1/4	MCJB-05-04			
9/16 x 1/4	MCJB-06-04		C40XS-06-04	
9/16 x 3/8	MCJB-06-06		C40XS-06-06	
9/16 x 1/2	MCJB-06-08		C40XS-06-08	
9/16 x 3/4	MCJB-06-12			
3/4 x 1/4	MCJB-08-04		C40XS-08-04	
3/4 x 3/8	MCJB-08-06		C40XS-08-06	
3/4 x 1/2	MCJB-08-08		C40XS-08-08	
3/4 x 3/4	MCJB-08-12		C40XS-08-10	
3/4 x 1	MCJB-08-16		C40XS-08-12	
7/8 x 3/8	MCJB-10-06			
7/8 x 1/2	MCJB-10-08		C40XS-10-08	
7/8 x 5/8	MCJB-10-10			
7/8 x 3/4	MCJB-10-12		C40XS-10-12	
11/16 x 3/8	MCJB-12-06			
11/16 x 1/2	MCJB-12-08		C40XS-12-08	
11/16 x 5/8	MCJB-12-10			
11/16 x 3/4	MCJB-12-12		C40XS-12-12	
11/16 x 1	MCJB-12-16		C40XS-12-16	
11/16 x 11/4	MCJB-12-20			
15/16 x 3/4	MCJB-16-12		C40XS-16-12	
15/16 x 1	MCJB-16-16		C40XS-16-16	
15/16 x 11/4	MCJB-16-20			
15/16 x 11/2	MCJB-16-24			
15/8 x 3/4	MCJB-20-12			
15/8 x 1	MCJB-20-16			
15/8 x 11/4	MCJB-20-20			
15/8 x 11/2	MCJB-20-24			
17/8 x 1	MCJB-24-16			
17/8 x 11/4	MCJB-24-20			
17/8 x 11/2	MCJB-24-24			
2 1/2 x 2	MCJB-32-32			


Adaptors

Male Npt x Female Swivel Npt						
Npt Male xNpt Female	Straight		90'		45'	
						
Size	Part No		Part No		Part No	
1/8 x 1/8	1404-02-02		1501-02-02		1503-02-02	
1/8 x 1/4	1404-02-04					
1/4 x 1/4	1404-04-04		1501-04-04		1503-04-04	
1/4 x 3/8	1404-04-06		1501-04-06			
1/4 x 1/2	1404-04-08					
3/8 x 1/4	1404-06-04		1501-06-04			
3/8 x 3/8	1404-06-06		1501-06-06		1503-06-06	
3/8 x 1/2	1404-06-08		1501-06-08			
1/2 x 3/8	1404-08-06		1501-08-06			
1/2 x 1/2	1404-08-08		1501-08-08		1503-08-08	
1/2 x 3/4	1404-08-12		1501-08-12			
3/4 x 1/2	1404-12-08		1501-12-08			
3/4 x 3/4	1404-12-12		1501-12-12		1503-12-12	
3/4 x 1	1404-12-16					
1 x 3/4	1404-16-12		1501-16-12			
1 x 1	1404-16-16		1501-16-16			
1 1/4 x 1 1/4	1404-20-20		1501-20-20			
1 1/2 x 1 1/2	1404-24-24		1501-24-24			
2 x 2	1401-32-32		1501-32-32			

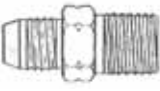


Npt Males				x Npt Fem Fixed		
Npt Males	Straight		90'		90'	
						
Size	Part No		Part No		Part No	
1/8 x 1/8	5404-02-02		5500-02-02		5502-02-02	
1/4 x 1/8	5404-04-02					
1/4 x 1/4	5404-04-04		5500-04-04		5502-04-04	
3/8 x 1/8	5404-06-02					
3/8 x 1/4	5404-06-04					
3/8 x 3/8	5404-06-06		5500-06-06		5502-06-06	
1/2 x 1/4	5404-08-04					
1/2 x 3/8	5404-08-06					
1/2 x 1/2	5404-08-08		5500-08-08		5502-08-08	
3/4 X 3/8	5404-12-06					
3/4 x 1/2	5404-12-08					
3/4 x 3/4	5404-12-12		5500-12-12		5502-12-12	
1 x 1/2	5404-16-08					
1 x 3/4	5404-16-12					
1 x 1	5404-16-16		5500-16-16		5502-16-16	
1 1/4 x 1	5404-20-16					
1 1/4 x 1 1/4	5404-20-20		5500-20-20		5502-20-20	
1 1/2 x 1	5404-24-16					
1 1/2 x 1 1/4	5404-24-20					
1 1/2 x 1 1/2	5404-24-24		5500-24-24		5502-24-24	
2 x 2	5404-32-32		5500-32-32		5502-32-32	

Adaptors



Sockets						
Sockets	Str		90'		Tee	
						
Size	Part No		Part No		Part No	
1/8 x 1/8	5000-02-02		5504-02-02		5605-02-02-02	
1/4 x 1/8	5000-04-02					
1/4 x 1/4	5000-04-04		5504-04-04		5605-04-04-04	
3/8 x 1/4	5000-06-04					
3/8 x 3/8	5000-06-06		5504-06-06		5605-06-06-06	
1/2 x 1/4	5000-08-04					
1/2 x 3/8	5000-08-06					
1/2 x 1/2	5000-08-08		5504-08-08		5605-08-08-08	
3/4 x 1/2	5000-12-08					
3/4 x 3/4	5000-12-12		5504-12-12		5605-12-12-12	
1 x 3/4	5000-16-12					
1 x 1	5000-16-16		5504-16-16		5605-16-16-16	
1 1/4 x 1 1/4	5000-20-20		5504-20-20		5605-20-20-20	
1 1/2 x 1 1/2	5000-24-24		5504-24-24		5605-24-24-24	
2 x 2	5000-32-32		5504-32-32		5605-32-32-32	


3109		Npt Reducers			
Male x Female					
	Size	Part No		Size	Part No
1/8 x 1/8	5406-02-02		3/4 x 1/2	5406-12-08	
1/8 x 1/4	5406-02-04		3/4 x 3/4	5406-12-12	
1/4 x 1/8	5406-04-02		1 x 1/4	5406-16-04	
1/4 x 1/4	5406-04-04		1 x 3/8	5406-16-06	
1/4 x 3/8	5406-04-06		1 x 1/2	5406-16-08	
3/8 x 1/8	5406-06-02		1 x 3/4	5406-16-12	
3/8 x 1/4	5406-06-04		1 1/4 x 1/2	5406-20-08	
3/8 x 3/8	5406-06-06		1 1/4 x 3/4	5406-20-12	
3/8 x 1/2	5406-06-08		1 1/4 x 1	5406-20-16	
1/2 x 1/8	5406-08-02		1 1/2 x 3/4	5406-24-12	
1/2 x 1/4	5406-08-04		1 1/2 x 1	5406-24-16	
1/2 x 3/8	5406-08-06		1 1/2 x 1 1/4	5406-24-20	
1/2 x 1/2	5406-08-08		2 x 1	5406-32-16	
3/4 x 1/4	5406-12-04		2 x 1 1/4	5406-32-20	
3/4 x 3/8	5406-12-06		2 x 1 1/2	5406-32-24	

Adaptors



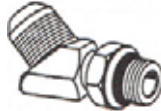
Jic Male x Npt Male						
Jic Male x Npt Male	Straight		90'		45'	
						
Size	Part No		Part No		Part No	
7/16 x 1/8	2404-04-02		2501-04-02		2503-04-02	
7/16 x 1/4	2404-04-04		2501-04-04		2503-04-04	
7/16 x 3/8	2404-04-06		2501-04-06		2503-04-06	
7/16 x 1/2	2404-04-08		2501-04-08		2503-04-08	
1/2 1/8	2404-05-02		2501-05-02		2503-05-02	
1/2 x 1/4	2404-05-04		2501-05-04		2503-05-04	
1/2 x 3/8	2404-05-06		2501-05-06			
9/16 x 1/8	2404-06-02		2501-06-02		2503-06-02	
9/16 x 1/4	2404-06-04		2501-06-04		2503-06-04	
9/16 x 3/8	2404-06-06		2501-06-06		2503-06-06	
9/16 x 1/2	2404-06-08		2501-06-08		2503-06-08	
9/16 x 3/4	2404-06-12					
3/4 x 1/4	2404-08-04		2501-08-04		2503-08-04	
3/4 x 3/8	2404-08-06		2501-08-06		2503-08-06	
3/4 x 1/2	2404-08-08		2501-08-08		2503-08-08	
3/4 x 3/4	2404-08-12		2501-08-12		2503-08-12	
3/4 x 1	2404-08-16					
7/8 x 3/8	2404-10-06		2501-10-06			
7/8 x 1/2	2404-10-08		2501-10-08		2503-10-08	
7/8 x 3/4	2404-10-12		2501-10-12		2503-10-12	
11/6 x 3/8	2404-12-06		2501-12-06			
11/16 x 1/2	2404-12-08		2501-12-08		2503-12-08	
11/16 x 3/4	2404-12-12		2501-12-12		2503-12-12	
11/16 x 1	2404-12-16		2501-12-16		2503-12-16	
11/16 x 11/4	2404-12-20		2501-12-20			
15/16 x 3/8	2404-16-06					
15/16 x 1/2	2404-16-08					
15/16 x 3/4	2404-16-12		2501-16-12		2503-16-12	
15/16x 1	2404-16-16		2501-16-16		2503-16-16	
15/16 x11/4	2404-16-20		2501-16-20		2503-16-20	
15/8 x 3/4	2404-20-12					
15/8 x 1	2404-20-16		2501-20-16			
15/8 x 11/4	2404-20-20		2501-20-20		2503-20-20	
15/8 x 11/2	2404-20-24		2501-20-24			
17/8 x 11/4	2404-24-20		2501-24-20			
17/8 x 11/2	2404-24-24		2501-24-24		2503-24-24	
2 1/2 x 2	2404-32-32		2501-32-32		2503-32-32	
5205		5405				

Adaptors

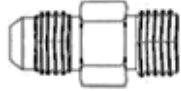
Jic Male				
	Straight		90'	
	Jic Male x Jic Male			
Size	Part No		Part No	
7/16 x 7/16	2403-04-04		2500-04-04	
1/2 x 7/16	2403-05-04			
1/2 x 1/2	2403-05-05		2500-05-05	
9/16 x 7/16	2403-06-04			
9/16 x 1/2	2403-06-05			
9/16 x 9/16	2403-06-06		2500-06-06	
3/4 x 7/16	2403-08-04			
3/4 x 9/16	2403-08-06			
3/4 x 3/4	2403-08-08		2500-08-08	
7/8 x 3/4	2403-10-08			
7/8 x 7/8	2403-10-10		2500-10-10	
11/16 x 3/4	2403-12-08			
7/8 x 11/16	2403-12-10			
11/16 x 11/16	2403-12-12		2500-12-12	
15/16 x 7/8	2403-16-10			
15/16 x 11/16	2403-16-12			
15/16 x 15/16	2403-16-16		2500-16-16	
15/8 x 1	2403-20-16			
15/8 x 15/8	2403-20-20		2500-20-20	
17/8 x 17/8	2403-24-24			
21/2 x 21/2	2403-32-32			

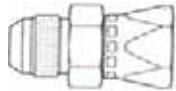
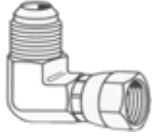

Bsp Bulkhead With Locknut				
Bsp Bulkhead				
Size	Part No		Size	Part No
1/4	BHB-04		3/4	BHB-12
3/8	BHB-06		1	BHB-16
1/2	BHB-08		1 1/4	BHB-20
5/8	BHB-10			

Adaptors

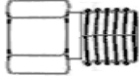
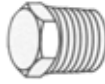
Jic x Sae Male						
Jic x Sae Male	Str		90°		45°	
						
Size	Part No		Part No		Part No	
7/16 x 7/16	6400-04-04		6801-04-04		6802-04-04	
7/16 x 1/2	6400-04-05		6801-04-05			
7/16 x 9/16	6400-04-06		6801-04-06			
7/16 x 3/4	6400-04-08					
1/2 x 7/16	6400-05-04		6801-05-04			
1/2 x 1/2	6400-05-05		6801-05-05		6802-05-05	
1/2 x 9/16	6400-05-06		6801-05-06			
9/16 x 7/16	6400-06-04		6801-06-04		6802-06-04	
9/16 x 1/2	6400-06-05		6801-06-05			
9/16 x 9/16	6400-06-06		6801-06-06		6802-06-06	
9/16 x 3/4	6400-06-08		6801-06-08		6802-06-08	
9/16 x 7/8	6400-06-10		6801-06-10			
	6400-06-12		6801-06-12			
3/4 x 9/16	6400-08-06		6801-08-06		6802-08-06	
3/4 x 3/4	6400-08-08		6801-08-08		6802-08-08	
3/4 x 7/8	6400-08-10		6801-08-10		6802-08-10	
3/4 x 11/16	6400-08-12		6801-08-12			
7/8 x 9/16	6400-10-06					
7/8 x 3/4	6400-10-08		6801-10-08		6802-10-08	
7/8 x 7/8	6400-10-10		6801-10-10		6802-10-10	
7/8 x 11/16	6400-10-12		6801-10-12		6802-10-12	
11/16 x 3/8	6400-12-06					
11/16 x 3/4	6400-12-08		6801-12-08			
11/16 x 7/8	6400-12-10		6801-12-10		6802-12-10	
11/16 x 11/16	6400-12-12		6801-12-12		6802-12-12	
11/16 x 15/16	6400-12-16		6801-12-16		6802-12-16	
15/16 x 11/16	6400-16-12		6801-16-12			
15/6 x 15/16	6400-16-16		6801-16-16		6802-16-16	
15/6 x 15/8	6400-16-20		6801-16-20			
15/8 x 15/16	6400-20-16		6801-20-16		6802-20-16	
15/8 x 15/8	6400-20-20		6801-20-20		6802-20-20	
15/8 x 17/8	6400-20-24		6801-20-24			
17/8 x 15/8	6400-24-20					
17/8 x 17/8	6400-24-24		6801-24-24		6802-24-24	
2 1/2"	6400-32-32					



Adaptors

Jic x Metric		Jic x Metric	
		Str	90'
			
Size	Part No	Part No	
7/16 x 12mm	4JM-12MM		
9/16 x 14mm	6JM-14MM		
9/16 x 16mm	6JM-16MM	6JM-9-16MM	
9/16 x 18mm	6JM-18MM		
3/4 x 14mm	8JM-14MM		
3/4 x 16mm	8JM-16MM		
3/4 x 18mm	8JM-18MM	8JM-9-18MM	
3/4 x 22mm	8JM-22MM	8JM-9-22MM	

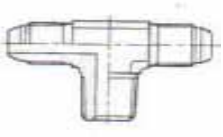
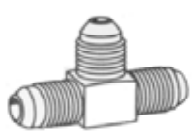
Jic Male x Jic Female						
Jic Male x Jic Female		Straight	90'	45'		
						
Size	Part No	Part No	Part No	Part No		
7/16 x 7/16	6504-04-04	6500-04-04	6502-04-04			
7/16 x 9/16	6504-04-06					
7/16 x 3/4	6504-04-08					
1/2 x 1/2		6500-05-05	6502-05-05			
9/16 x 9/16	6504-06-06	6500-06-06	6502-06-06			
9/16 x 3/4	6504-06-08					
9/16 x 7/8	6504-06-10					
3/4 x 3/4	6504-08-08	6500-08-08	6502-08-08			
3/4 x 7/8	6504-08-10					
3/4 x 11/16	6504-08-12					
7/8 x 7/8	6504-10-10	6500-10-10	6502-10-10			
7/8 x 11/16	6504-10-12					
11/16 x 11/16	6504-12-12	6500-12-12	6502-12-12			
11/16 x 15/16	6504-12-16					
15/16 x 15/16	6504-16-16	6500-16-16	6502-16-16			
15/8 x 15/8		6500-20-20	6502-20-20			
17/8 x 17/8		6500-24-24	6502-24-24			
2 1/2 x 2 1/2		6500-32-32				


Adaptors


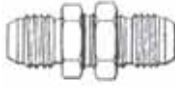

	Bsp Plug		Npt Plug	
Plugs				
	Size	Part No	Part No	
	1/8"	HPB-02	5406P-02	
	1/4"	HPB-04	5406P-04	
	3/8"	HPB-06	5406P-06	
	1/2"	HPB-08	5406P-08	
	5/8"	HPB-10		
	3/4"	HPB-12	5406P-12	
	1"	HPB-16	5406P-16	
	1 1/4"	HPB-20	5406P-20	
	1 1/2"	HPB-24	5406P-24	
	2"	HPB-32	5406P-32	

	Jic Plug		Sae Plug	
Plugs				
	Size	Part No	Part No	
	7/16"	2408-04	6408P-04	
	1/2"	2408-05	6408P-05	
	9/16"	2408-06	6408P-06	
	3/4"	2408-08	6408P-08	
	7/8"	2408-10	6408P-10	
	1 1/6"	2408-12	6408P-12	
	15/16"	2408-16	6408P-16	
	15/8"	2408-20	6408P-20	
	17/8"	2408-24	6408P-24	
	2 1/2"	2408-32		


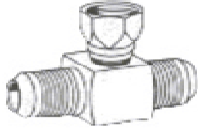
Adaptors


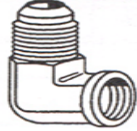
Jic/Npt	Jic/Npt Branch Tee		Jic	Jic Male Tee	
					
Size	Part No		Size	Part No	
7/16 x 1/4	2601-04-04-04		7/16	2603-04-04-04	
9/16 x 1/4	2601-06-06-04			2603-05-05-05	
9/16 x 3/8	2601-06-06-06		9/16	2603-06-06-06	
3/4 x 3/8	2601-08-08-06				
3/4 x 1/2	2601-08-08-08		3/4	2603-08-08-08	
7/8 x 1/2	2601-10-10-08		7/8	2603-10-10-10	
1 1/16 x 3/4	2601-12-12-12		1 1/16	2603-12-12-12	
1 5/16 x 1	2601-16-16-16		1 5/16	2603-16-16-16	
1 5/8 x 1 1/4	2601-20-20-20		1 5/8	2603-20-20-20	
1 7/8 x 1 1/2	2601-24-24-24		1 7/8	2603-24-24-24	

Jic/Npt	Jic/Npt	
		
Size	Part No	
7/16 x 1/4	2605-04-04-04	
9/16 x 3/8	2605-06-06-06	
3/4 x 1/2	2605-08-08-08	
1 1/16 x 3/4	2605-12-12-12	
1 5/16 x 1	2605-16-16-16	



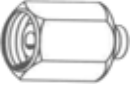
Jic Bulkhead						
Jic Bulkhead	Locknut		Straight		90'	
						
Size	Part No		Part No		Part No	
7/16	0306-04		2700-04-04		2701-04-04	
1/2	0306-05		2700-05-05		2701-05-05	
9/16	0306-06		2700-06-06		2701-06-06	
3/4	0306-08		2700-08-08		2701-08-08	
7/8	0306-10		2700-10-10		2701-10-10	
1 1/16	0306-12		2700-12-12		2701-12-12	
1 5/16	0306-16		2700-16-16		2701-16-16	
1 5/8	0306-20		2700-20-20			
1 7/8	0306-24		2700-24-24			


Adaptors


Run Tee	Jic Female Run Tee		Branch Tee	Jic Female Branch Tee	
					
Size	Part No		Size	Part No	
7/16"	6602-04-04-04		7/16"	6600-04-04-04	
5/16"	6602-05-05-05		5/16"	6600-05-05-05	
9/16"	6602-06-06-06		9/16"	6600-06-06-06	
3/4"	6602-08-08-08		3/4"	6600-08-08-08	
7/8"	6602-10-10-10		7/8"	6600-10-10-10	
1 1/16"	6602-12-12-12		1 1/16"	6600-12-12-12	
1 5/16"	6602-16-16-16		1 5/16"	6600-16-16-16	
1 5/8"	6602-20-20-20		1 5/8"	6600-20-20-20	
1 7/8"	6602-24-24-24				

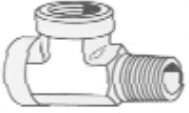
Fixed Str	Jic Male x Npt Fem		Fixed 90'	Jic Male x Npt Fem	
					
Size	Part No		Size	Part No	
7/16 x 1/8	2405-04-02		7/16 x 1/8	2502-04-02	
7/16 x 1/4	2405-04-04		7/16 x 1/4	2502-04-04	
9/16 x 1/4	2405-06-04		9/16 x 1/4	2502-06-04	
9/16 x 3/8	2405-06-06		9/16 x 3/8	2502-06-06	
3/4 x 3/8	2405-08-06		3/4 x 3/8	2502-08-06	
3/4 x 1/2	2405-08-08		3/4 x 1/2	2502-08-08	
7/8 x 1/2	2405-10-08		7/8 x 1/2	2502-10-08	
11/16 x 1/2	2405-12-08		11/16 x 1/2	2502-12-08	
11/16 x 3/4	2405-12-12		11/16 x 3/4	2502-12-12	
15/16 x 3/4	2405-16-12				
15/16 x 1	2405-16-16		15/16 x 1	2502-16-16	

Adaptors

Jic	Tube Nut		Ferrule (Sleeve)		Cap	
						
Size	Part No		Part No		Part No	
7/16"	318-04		319-04		304C-04	
5/16"	318-05		319-05		304C-05	
9/16"	318-06		319-06		304C-06	
3/4"	318-08		319-08		304C-08	
7/8"	318-10		319-10		304C-10	
1 1/16"	318-12		319-12		304C-12	
1 5/16"	318-16		319-16		304C-16	

Imperial	Dowty Washers	
		
Size	Part No	
1/8	DW-02	
1/4	DW-04	
3/8	DW-06	
1/2	DW-08	
5/8	DW-10	
3/4	DW-12	
1	DW-16	
1 1/4	DW-20	
1 1/2	DW-24	
2	DW-32	

Metric	Dowty Washers	
		
Size	Part No	
10mm	DW-10MM	
12 mm	DW-12MM	
14 mm	DW-14MM	
16 mm	DW-16MM	
18 mm	DW-18MM	
22 mm	DW-22MM	
26 mm	DW-26MM	
27 mm	DW-27MM	
33 mm	DW-33MM	
42 mm	DW-42MM	




Npt Street T	Npt Street T				
					
Size	Part No		Size	Part No	
1/8 x 1/8	5602-02-02-02		3/4 x 3/4	5602-12-12-12	
1/4 x 1/4	5602-04-04-04		1 x 1	5602-16-16-16	
3/8 x 3/8	5602-06-06-06		1 1/4 x 1 1/4	5602-20-20-20	
1/2 x 1/2	5602-08-08-08		1 1/2 x 1 1/2	5602-24-24-24	


3759


Steel Tubing

Part No	Size OD mm	Size ID mm	Weight Per Metre (kg)	Design Working Pressure (Bars)	Price
6X1	6	4	0.123	389	
6X1.5	6	3	0.166	549	
6X2	6	2	0.197	692	
8X1	8	6	0.173	333	
8X1.5	8	5	0.240	431	
8X2.0	8	4			
10X1	10	8	0.222	282	
10X1.5	10	7	0.314	373	
10X2	10	6	0.395	478	
12X1	12	10	0.271	235	
12X1.5	12	9	0.388	353	
12X2	12	8	0.493	409	
14X2	14	10	0.592	403	
15X1.5	15	12	0.499	282	
15X2	15	11	0.641	376	
16X1.5	16	13	0.536	264	
16X2	16	12	0.691	353	
18X1.5	18	15	0.610	235	
18X2	18	14	0.789	313	
20X2	20	16	0.888	282	
20X2.5	20	15	1.079	353	
22X2	22	18	0.986	256	
25X2	25	21	1.134	226	
25X2.5	25	20	1.387	282	
25X3	25	19	1.682	338	
28X2	28	24	1.282	201	
28X2.5	28	23	1.582	252	
28X3	28	22	1.850	302	
30X3	30	24	1.998	282	
35X3	35	29	2.367	242	
38X3	38	32	2.589	223	
38X4	38	30	3.354	297	
42X3	42	36	2.885	201	


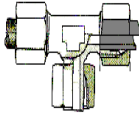
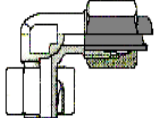
Steel Fittings

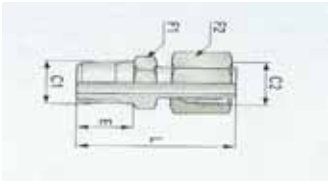
Weld fittings & Blanking Plugs	Welding Bosses		Weld Bulkheads		Blanking Plug	
						
Size	Part No		Part No		Part No	
06 mm	AS 06L		ESV 06L		BUZ 06L/S	
08 mm	AS 08L		ESV 08L		BUZ 08L/S	
10 mm	AS 10L		ESV 10L		BUZ 10L/S	
12 mm	AS 12L		ESV 12L		BUZ 12L/S	
15 mm	AS 15L		ESV 15L		BUZ 15L	
18 mm	AS 18L		ESV 18L		BUZ 18L	
22 mm	AS 22L		ESV 22L		BUZ 22L	
28 mm	AS 28L		ESV 28L		BUZ 28L	
35 mm	AS 35L		ESV 35L		BUZ 35L	
42 mm	AS 42L		ESV 42L		BUZ 42L	
06 mm	AS 06S		ESV 06S			
08 mm	AS 08S		ESV 08S			
10 mm	AS 10S		ESV 10S			
12 mm	AS 12S		ESV 12S			
16 mm	AS 16S		ESV 16S		BUZ 16S	
20 mm	AS 20S		ESV 20S		BUZ 20S	
25 mm	AS 25S		ESV 25S		BUZ 25S	
30 mm	AS 30S		ESV 30S		BUZ 30S	
38 mm	AS 38S		ESV 38S		BUZ 38S	

Cutting Ring	Progressive Cutting	
		
Size	Part No	
06 mm	DPR 06L/S	
08 mm	DPR 08L/S	
10 mm	DPR 10L/S	
12 mm	DPR 12L/S	
15 mm	DPR 15L	
18 mm	DPR 18L	
22 mm	DPR 22L	
28 mm	DPR 28L	
35 mm	DPR 35L	
42 mm	DPR 42L	
14 mm	DPR 14S	
16 mm	DPR 16S	
20 mm	DPR 20S	
25 mm	DPR 25S	
30 mm	DPR 30S	
38 mm	DPR 38S	



Cutting Ring	Cutting Ring	
		
Size	Part No	
04 mm	D 04LL	
06 mm	D 06LL	
08 mm	D 08LL	

Steel Fittings


Standpipe fittings	Run Tee		Branch Tee		Standpipe Elbow	
						
Size	Part No		Part No		Part No	
06 mm	EVL 06L		EVT 06L		EVW 06L	
08 mm	EVL 08L		EVT 08L		EVW 08L	
10 mm	EVL 10L		EVT 10L		EVW 10L	
12 mm	EVL 12L		EVT 12L		EVW 12L	
15 mm	EVL 15L		EVT 15L		EVW 15L	
18 mm	EVL 18L		EVT 18L		EVW 18L	
22 mm	EVL 22L		EVT 22L		EVW 22L	
28 mm	EVL 28L		EVT 28L		EVW 28L	
35 mm	EVL 35L		EVT 35L		EVW 35L	
42 mm	EVL 42L		EVT 42L		EVW 42L	
06 mm	EVL 06S		EVT 06S		EVW 06S	
08 mm	EVL 08S		EVT 08S		EVW 08S	
10 mm	EVL 10S		EVT 10S		EVW 10S	
12 mm	EVL 12S		EVT 12S		EVW 12S	
14 mm	EVL 14S		EVT 14S		EVW 14S	
16 mm	EVL 16S		EVT 16S		EVW 16S	
20 mm	EVL 20S		EVT 20S		EVW 20S	
25 mm	EVL 25S		EVT 25S		EVW 25S	
30 mm	EVL 30S		EVT 30S		EVW 30S	
38 mm	EVL 38S		EVT 38S		EVW 38S	


Male Stud Standpipe BSP	Standpipe Connector					
						
Size	Part No		Size	Part No		
06 mmx1/8	EVGE06LR-ED		06mmx1/4	EVGE06SR-ED		
08 mmx1/4	EVGE08LR-ED		08 mmx1/4	EVGE08SR-ED		
10 mmx1/4	EVGE10LR-ED		10 mmx3/8	EVGE10SR-ED		
12 mmx3/8	EVGE12LR-ED		12 mmx3/8	EVGE12SR-ED		
15 mmx1/2	EVGE15LR-ED		14 mmx1/2	EVGE14SR-ED		
18 mmx1/2	EVGE18LR-ED		16 mmx1/2	EVGE16SR-ED		
22 mmx3/4	EVGE22LR-ED		20 mmx3/4	EVGE20SR-ED		
28 mmx1	EVGE28LR-ED		25 mmx1	EVGE25SR-ED		
35 mmx11/4	EVGE35LR-ED		30 mmx11/4	EVGE30SR-ED		
42 mmx11/2	EVGE42LR-ED		38 mmx11/2	EVGE38SR-ED		


Steel Fittings


Connectors	Straight Connector		Female Stud Coupling	
				
Size	Part No		Part No	
04 mm	G 04LL			
06 mm	G 06LL			
08 mm	G 08LL			
06 mm	G 06L		GAI 06LR	
08 mm	G 08L		GAI 08LR	
10 mm	G 10L		GAI 10LR	
12 mm	G 12L		GAI 12LR	
15 mm	G 15L		GAI 15LR	
18 mm	G 18L		GAI 18LR	
22 mm	G 22L		GAI 22LR	
28 mm	G 28L		GAI 28LR	
35 mm	G 35L		GAI 35LR	
42 mm	G 42L		GAI 42LR	
06 mm	G 06S		GAI 06SR	
08 mm	G 08S		GAI 08SR	
10 mm	G 10S		GAI 10SR	
12 mm	G 12S		GAI 12SR	
14 mm	G 14S		GAI 14SR	
16 mm	G 16S		GAI 16SR	
20 mm	G 20S		GAI 20SR	
25 mm	G 25S		GAI 25SR	
30 mm	G 30S		GAI 30SR	
38 mm	G 38S		GAI 38SR	

Steel Fittings





Male Stud Connector		Npt L Series	
			
Size	Part No		
04mm x 1/8	GE04LL		
06mm x 1/8	GE06LL		
06mm x 1/8	GE06L		
06mm x 1/4	GE06L1/4		
08mm x 1/8	GE08L1/8		
08mm x 1/4	GE08L		
10mm x 1/4	GE10L		
12mm x 1/4	GE12L1/4		
12mm x 3/8	GE12L		
12mm x 1/2	GE12L1/2		
15mm x 1/2	GE15L		
18mm x 1/2	GE18L		
22mm x 3/4	GE22L		
28mm x 1	GE28L		
35mm x 1 1/4	GE35L		
42mm x 1 1/2	GE42L		

Male Stud Connector		Npt S Series	
			
Size	Part No		
06mm x 1/4	GE06S		
08mm x 1/4	GE08S		
10mm x 3/8	GE10S		
12mm x 3/8	GE12S		
14mm x 1/2	GE14S		
16mm x 1/2	GE16S		
20mm x 1/2	GE20S1/2		
20mm x 3/4	GE20S		
25mm x 1	GE25S		
30mm x 1 1/4	GE30S		
38mm x 1 1/2	GE38S		


Male Stud Connector		Bsp L Series	
			
Size	Part No		
06 mm x 1/8	GE06LR		
06 mm x 1/4	GE06LR 1/4		
08 mm x 1/4	GE08LR		
10 mm x 1/4	GE10LR		
10 mm x 3/8	GE10LR 3/8		
12 mm x 1/4	GE12LR 1/4		
12 mm x 3/8	GE12LR		
12 mm x 1/2	GE12LR1/2		
15 mm x 1/2	GE15LR		
18 mm x 1/2	GE18LR		
22 mm x 3/4	GE22LR		
28 mm x 1	GE28LR		
35 mm x 1 1/4	GE35LR		
42 mm x 1 1/2	GE42LR		

Male Stud Connector		Bsp S Series	
			
Size	Part No		
06 mm x 1/4	GE06SR		
08 mm x 1/4	GE08SR		
10 mm x 3/8	GE10SR		
12 mm x 1/4	GE12SR1/4		
12 mm x 3/8	GE12SR		
12 mm x 1/2	GE12SR1/2		
14 mm x 1/2	GE14SR		
16 mm x 1/2	GE16SR		
16 mm x 3/4	GE16SR3/4		
20 mm x 3/4	GE20SR		
25 mm x 1	GE25SR		
30 mm x 1 1/4	GE30SR		
38 mm x 1 1/2	GE38SR		


Steel Fittings

Bsp L Series			Bsp S Series		
Male Stud Connector			Male Stud Connector		
	Size	Part No		Size	Part No
	06mm x 1/8	GE06LR-ED	06 mm x 1/4	GE06SR-ED	
	08 mm x 1/4	GE 08LR-ED	08 mm x 1/4	GE08SR-ED	
	10 mm x 1/4	GE10LR-ED	10 mm x 3/8	GE10SR-ED	
	12 mm x 1/4	GE 12LR-ED 1/4	12 mm x 3/8	GE12SR-ED	
	12 mm x 3/8	GE12LR-ED	14 mm x 1/2	GE14SR-ED	
	12 mm x 1/2	GE 12LR-ED 1/2	16 mm x 1/2	GE16SR-ED	
	15 mm x 1/2	GE15LR-ED	20 mm x 3/4	GE20SR-ED	
	18 mm x 1/2	GE18LR-ED	25 mm x 1	GE25SR-ED	
	22 mm x 3/4	GE22LR-ED	30 mm x 1 1/4	GE30SR-ED	
	28 mm x 1	GE28LR-ED	38 mm x 1 1/2	GE38SR-ED	
	35 mm x 1 1/4	GE35LR-ED			
	42 mm x 1 1/2	GE42LR-ED			
Metric Series			Metric Series		
Male Stud Connector			Male Stud Connector		
	Size	Part No		Size	Part No
	06 x M10x1.0	GE 06LM	06 x M10x1.0	GE 06LM-ED	
	08 x M12x1.5	GE 08LM	08 x M12x1.5	GE 08LM-ED	
	10 x M14x1.5	GE 10LM	10 x M14x1.5	GE 10LM-ED	
	12 x M16x1.5	GE 12LM	12 x M16x1.5	GE 12LM-ED	
	15 x M18x1.5	GE 15LM	15 x M18x1.5	GE 15LM-ED	
	18 x M22x1.5	GE 18LM	18 x M22x1.5	GE 18LM-ED	
	22 x M26x1.5	GE 22LM	22 x M26x1.5	GE 22LM-ED	
	28 x M33x2.0	GE 28LM	28 x M33x2.0	GE 28LM-ED	
	35 x M42x2.0	GE 35LM	35 x M42x2.0	GE 35LM-ED	
	42 x M48x2.0	GE 42LM	42 x M48x2.0	GE 42LM-ED	
	06 x M12x1.5	GE 06SM	06 x M12x1.5	GE 06SM-ED	
	08 x M14x1.5	GE 08SM	08 x M14x1.5	GE 08SM-ED	
	10 x M16x1.5	GE 10SM	10 x M16x1.5	GE 10SM-ED	
	12 x M18x1.5	GE 12SM	12 x M18x1.5	GE 12SM-ED	
	16 x M22x1.5	GE 16SM	16 x M22x1.5	GE 16SM-ED	
	20 x M27x2.0	GE 20SM	20 x M27x2.0	GE 20SM-ED	
	25 x M33x2.0	GE 25SM	25 x M33x2.0	GE 25SM-ED	
	30 x M42x2.0	GE 30SM	30 x M42x2.0	GE 30SM-ED	
	38 x M48x2.0	GE 38SM	38 x M48x2.0	GE 38SM-ED	

Steel Fittings


Retaining Nuts		
		
Size	Part No	
04 mm x M08 x 1	M 04LL	
06 mm x M10 x 1	M 06LL	
06 mm x M12 x 1.5	M 06L	
08 mm x M14 x 1.5	M 08L	
10 mm x M16 x 1.5	M 10L	
12 mm x M18 x 1.5	M 12L	
15 mm x M22 x 1.5	M 15L	
18 mm x M26 x 1.5	M 18L	
22 mm x M30 x 2	M 22L	
28 mm x M36 x 2	M 28L	
35 mm x M45 x 2	M 35L	
42 mm x M52 x 2	M 42L	
06 mm x M12 x 1.5	M 06S	
08 mm x M14 x 1.5	M 08S	
10 mm x M16 x 1.5	M 10S	
12 mm x M18 x 1.5	M 12S	
14 mm x M22 x 1.5	M 14S	
16 mm x M24 x 1.5	M 16S	
20 mm x M30 x 2	M 20S	
25 mm x M36 x 2	M 25S	
30 mm x M42 x 2	M 30S	
38 mm x M52 x 2	M 38S	

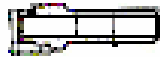
Pressure Gauge Connectors		
		
Size	Part No	
06mmx1/4"	MAV 06LR	
08mmx1/4"	MAV 08LR	
10mmx1/4"	MAV 10LR	
12mmx1/4"	MAV 12LR	
06mmx1/2"	MAV 06SR	
08mmx1/2"	MAV 08SR	
10mmx1/2"	MAV 10SR	
12mmx1/2"	MAV 12SR	
06mmx1/4"	MAV-EV06LR	
08mmx1/4"	MAV-EV08LR	
10mmx1/4"	MAV-EV10LR	
12mmx1/4"	MAV-EV12LR	
06mmx1/2"	MAV-EV06SR	
08mmx1/2"	MAV-EV08SR	
10mmx1/2"	MAV-EV10SR	
12mmx1/2"	MAV-EV12SR	

Bsp Reducers		
		
Size	Part No	
1/8 - 1/4	RI 1/8 x 1/4	
1/8 - 3/8	RI 1/8 x 3/8	
1/4 - 1/8	RI 1/4 x 1/8	
1/4 - 3/8	RI 1/4 x 3/8	
1/4 - 1/2	RI 1/4 x 1/2	
1/4 - 3/4	RI 1/4 x 3/4	
3/8 - 1/8	RI 3/8 x 1/8	
3/8 - 1/4	RI 3/8 x 1/4	
3/8 - 1/2	RI 3/8 x 1/2	
3/8 - 3/4	RI 3/8 x 3/4	
1/2 - 1/8	RI 1/2 x 1/8	
1/2 - 1/4	RI 1/2 x 1/4	
1/2 - 3/8	RI 1/2 x 3/8	
1/2 - 3/4	RI 1/2 x 3/4	
1/2 - 1	RI 1/2 x 1	
1/2 - 1 1/4	RI 1/2 x 1 1/4	
3/4 - 1/4	RI 3/4 x 1/4	
3/4 - 3/8	RI 3/4 x 3/8	
3/4 - 1/2	RI 3/4 x 1/2	
3/4 - 1	RI 3/4 x 1	
3/4 - 1 1/4	RI 3/4 x 1 1/4	
3/4 - 1 1/2	RI 3/4 x 1 1/2	


1 - 1/4	RI 1 x 1/4	
1 - 3/8	RI 1 x 3/8	
1 - 1/2	RI 1 x 1/2	
1 - 3/4	RI 1 x 3/4	
1 - 1 1/4	RI 1 x 1 1/4	
1 - 1 1/2	RI 1 x 1 1/2	
1 1/4 - 1/2	RI 1 1/4 x 1/2	
1 1/4 - 3/4	RI 1 1/4 x 3/4	
1 1/4 - 1	RI 1 1/4 x 1	
1 1/4 - 1 1/2	RI 1 1/4 x 1 1/2	
1 1/2 - 1/2	RI 1 1/2 x 1/2	
1 1/2 - 3/4	RI 1 1/2 x 3/4	
1 1/2 - 1	RI 1 1/2 x 1	
1 1/2 - 1 1/4	RI 1 1/2 x 1 1/4	

Steel Fittings



Non Return Valves	Non Return Valves	
		
Size	Part No	
06 mm	RHD 06L	
08 mm	RHD 08L	
10 mm	RHD 10L	
12 mm	RHD 12L	
15 mm	RHD 15L	
18 mm	RHD 18L	
22 mm	RHD 22L	
28 mm	RHD 28L	
35 mm	RHD 35L	
42 mm	RHD 42L	
12 mm	RHD 12S	
16 mm	RHD 16S	
20 mm	RHD 20S	
25 mm	RHD 25S	
30 mm	RHD 30S	
38 mm	RHD 38S	


Weld Nipples	Weld Nipples	
		
Size	Part No	
10 mm	SKO 10	
12 mm	SKO 12	
16 mm	SKO 16	
20 mm	SKO 20	
25 mm	SKO 25	
30 mm	SKO 30	
38 mm	SKO 38	

Tee Pieces	Equal Tee	
		
Size	Part No	
04 mm	T 04LL	
06 mm	T 06LL	
06 mm	T 06L	
08 mm	T 08L	
10 mm	T 10L	
12 mm	T 12L	
15 mm	T 15L	
18 mm	T 18L	
22 mm	T 22L	
28 mm	T 28L	
35 mm	T 35L	
42 mm	T 42L	
06 mm	T 06S	
08 mm	T 08S	
10 mm	T 10S	
12 mm	T 12S	
14 mm	T 14S	
16 mm	T 16S	
20 mm	T 20S	
25 mm	T 25S	
30 mm	T 30S	
38 mm	T 38S	

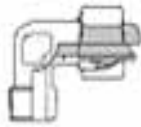
Bulkheads	Bulkhead Str Couplings	
		
Size	Part No	
06 mm	SV 06L	
08 mm	SV 08L	
10 mm	SV 10L	
12 mm	SV 12L	
15 mm	SV 15L	
18 mm	SV 18L	
22 mm	SV 22L	
28 mm	SV 28L	
35 mm	SV 35L	
42 mm	SV 42L	
06 mm	SV 06S	
08 mm	SV 08S	
10 mm	SV 10S	
12 mm	SV 12S	
16 mm	SV 16S	
20 mm	SV 20S	
25 mm	SV 25S	
30 mm	SV 30S	
38 mm	SV 38S	

Steel Fittings

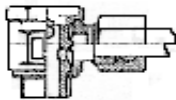
Plugs	Plug (Allen Key)		Equal Elbows	Elbow Connector	
					
Size	Part No		Size	Part No	
M10 x 1.0	VSTI10x1.0-ED		04mm	W 04LL	
M12 x 1.5	VSTI12x1.5-ED		06mm	W 06LL	
M14 x 1.5	VSTI14x1.5-ED		06mm	W 06L	
M16 x 1.5	VSTI16x1.5-ED		08mm	W 08L	
M18 x 1.5	VSTI18x1.5-ED		10mm	W 10L	
M20 x 1.5	VSTI20x1.5-ED		12mm	W 12L	
M22 x 1.5	VSTI22x1.5-ED		15mm	W 15L	
M26 x 1.5	VSTI26x1.5-ED		18mm	W 18L	
M27 x 2.0	VSTI27x2-ED		22mm	W 22L	
M33 x 2.0	VSTI33x2-ED		28mm	W 28L	
M42 x 2.0	VSTI42x2-ED		35mm	W 35L	
M48 x 2.0	VSTI48x2-ED		42mm	W 42L	
1/8	VSTI1/8-ED		06mm	W 06S	
1/4	VSTI1/4-ED		08mm	W 08S	
3/8	VSTI3/8-ED		10mm	W 10S	
1/2	VSTI1/2-ED		12mm	W 12S	
3/4	VSTI3/4-ED		14mm	W 14S	
1	VSTI1-ED		16mm	W 16S	
1 1/4	VSTI1 1/4-ED		20mm	W 20S	
1 1/2	VSTI1 1/2-ED		25mm	W 25S	
			30mm	W 30S	
			38mm	W 38S	

Bulkhead Elbows	Bulkhead Elbow				
					
Size	Part No		Size	Part No	
06 mm	WSV 06L		06 mm	WSV 06S	
08 mm	WSV 08L		08 mm	WSV 08S	
10 mm	WSV 10L		10 mm	WSV 10S	
12 mm	WSV 12L		12 mm	WSV 12S	
15 mm	WSV 15L		16 mm	WSV 16S	
18 mm	WSV 18L		20 mm	WSV 20S	
22 mm	WSV 22L		25 mm	WSV 25S	
28 mm	WSV 28L		30 mm	WSV 30S	
35 mm	WSV 35L		38 mm	WSV 38S	
42 mm	WSV 42L				


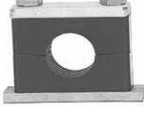

Steel Fittings

Male Stud Elbows	Npt	
		
Size	Part No	
06 mm x 1/8	WE 06LL	
06 mm x 1/8	WE 06L	
06 mm x 1/4	WE 06L1/4	
08 mm x 1/4	WE 08L	
10 mm x 1/4	WE 10L	
12 mm x 1/4	WE 12L1/4	
12 mm x 3/8	WE 12L	
12 mm x 1/2	WE 12L1/2	
15 mm x 1/2	WE 15L	
18 mm x 1/2	WE 18L	
22 mm x 3/4	WE 22L	
28 mm x 1	WE 28L	
35 mm x 1 1/4	WE 35L	
42 mm x 1 1/2	WE 42L	
6mm x 1/4	WE 06S	
8mm x 1/4	WE 08S	
10mm x 3/8	WE 10S	
12mm x 3/8	WE 12S	
14mm x 1/2	WE 14S	
16mm x 1/2	WE 16S	
20mm x 3/4	WE 20S	
25mm x 1	WE 25S	
30mm x 1 1/4	WE 30S	
38mm x 1 1/2	WE 38S	

Male Stud Elbows	Bsp	
		
Size	Part No	
04 mm x 1/8	WE 04LLR	
06 mm x 1/8	WE 06LLR	
06 mm x 1/8	WE 06LR	
08 mm x 1/4	WE 08LR	
10 mm x 1/4	WE 10LR	
12 mm x 3/8	WE 12LR	
15 mm x 1/2	WE 15LR	
18 mm x 1/2	WE 18LR	
22 mm x 3/4	WE 22LR	
28 mm x 1	WE 28LR	
35 mm x 1 1/4	WE 35LR	
42 mm x 1 1/2	WE 42LR	
06 mm x 1/4	WE 06SR	
08 mm x 1/4	WE 08SR	
10 mm x 3/8	WE 10SR	
12 mm x 3/8	WE 12SR	
14 mm x 1/2	WE 14SR	
16 mm x 1/2	WE 16SR	
20 mm x 3/4	WE 20SR	
25 mm x 1	WE 25SR	
30 mm x 1 1/4	WE 30SR	
38 mm x 1 1/2	WE 38SR	

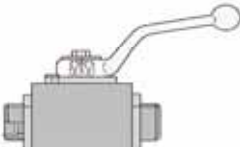
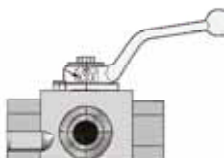
Banjo Couplings	Banjo Coupling					
						
Size	Part No			Size	Part No	
06 mm x 1/8"	WH 6LR			06 mm x 1/4	WH 6SR	
08 mm x 1/4"	WH 8LR			08 mm x 1/4	WH 8SR	
10 mm x 1/4"	WH 10LR			10 mm x 3/8	WH 10SR	
12 mm x 3/8"	WH 12LR			12 mm x 3/8	WH 12SR	
15 mm x 1/2"	WH 15LR			16 mm x 1/2	WH 16SR	
18 mm x 1/2"	WH 18LR			20 mm x 3/4	WH 20SR	
22 mm X 3/4"	WH 22LR			25 mm x 3/4	WH 25SR	


Pipe Clamps

Pipe Clamps	Light Duty		Heavy Duty		Double Clamp	
						
Size	Part No		Part No		Part No	
6mm	ICL 06		ICH 06		ICD 06	
8mm	ICL 08		ICH 08		ICD 08	
10mm	ICL 10		ICH 10		ICD 10	
12mm	ICL 12		ICH 12		ICD 12	
14mm	ICL 14		ICH 14		ICD 14	
15mm	ICL 15		ICH 15		ICD 15	
16mm	ICL 16		ICH 16		ICD 16	
18mm	ICL 18		ICH 18		ICD 18	
20mm	ICL 20		ICH 20		ICD 20	
22mm	ICL 22		ICH 22		ICD 22	
25mm	ICL 25		ICH 25		ICD 25	
28mm	ICL 28		ICH 28		ICD 28	
30mm	ICL 30		ICH 30		ICD 30	
32mm	ICL 32		ICH 35			
35mm	ICL 35		ICH 35			
38mm	ICL 38		ICH 38			
42mm	ICL 42		ICH 42			


Stainless Steel Clamps - prices available on request

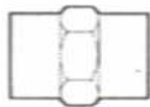
Ball Valves

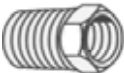
High Pressure	Two Way		Three Way	
				
Size	Part No		Part No	
1/4	BKHG 1/4		BK3G 1/4	
3/8	BKHG 3/8		BK3G 3/8	
1/2	BKHG 1/2		BK3G 1/2	
3/4	BKHG 3/4		BK3G 3/4	
1	BKHG 1		BK3G 1	
1 1/4	BKHG 1 1/4			
1 1/2	BKHG 1 1/2			


Low Pressure	Two Way		Three Way	
				
Size	Part No		Part No	
1/4	LPBV 1/4		LP3BV 1/3	
3/8	LPBV 3/8		LP3BV 3/8	
1/2	LPBV 1/2		LP3BV 1/2	
3/4	LPBV 3/4		LP3BV 3/4	
1	LPBV 1		LP3BV 1	
1 1/4	LPBV 1 1/4			
1 1/2	LPBV 1 1/2			
2	LPBV 2			


Brass Fittings


Plug	Hex Plug (Male)	
		
Size	Part No	
1/8"	3152-02	
1/4"	3152-04	
3/8"	3152-06	
1/2"	3152-08	

Sockets	Female x Female Socket	
		
Size	Part No	
1/8 - 1/8	3300-02-02	
1/4 - 1/4	3300-04-04	
3/8 - 3/8	3300-06-06	
1/2 - 1/2	3300-08-08	
Jump sizes also available		

Reducer	Reducer (Male - Female)	
		
Size	Part No	
1/4 - 1/2	3220-04-02	
3/8 - 1/8	3220-06-02	
3/8 - 1/4	3220-06-04	
1/2 - 1/8	3220-08-02	
1/2 - 1/4	3220-08-04	
1/2 - 3/8	3220-08-06	
3/4 - 1/8	3220-12-02	
3/4 - 1/4	3220-12-04	
3/4 - 3/8	3220-12-06	
3/4 - 1/2	3220-12-08	


Hex Nipple	Hex Nipple	
		
Size	Part No	
1/8 - 1/8	3325-02-02	
1/4 - 1/8	3325-04-02	
1/4 - 1/4	3325-04-04	
3/8 - 1/8	3325-06-02	
3/8 - 1/4	3325-06-04	
3/8 - 3/8	3325-06-06	
1/2 - 1/4	3325-08-04	
1/2 - 3/8	3325-08-06	
1/2 - 1/2	3325-08-08	
3/4 - 3/4	3325-12-12	


Reducer	Male x Female Adaptor	
		
Size	Part No	
1/8 x 1/8	3200-02-02	
1/4 x 1/8	3200-04-02	
1/4 x 1/4	3200-04-04	
3/8 x 1/4	3200-06-04	
3/8 x 3/8	3200-06-06	
1/2 x 3/8	3200-08-06	
1/2 x 1/2	3200-08-08	


Hose Menders	Hose Mender	
		
Size	Part No	
1/4	HJB-04	
5/16	HJB-05	
3/8	HJB-06	
1/2	HJB-08	

Brass Fittings


Aro Coupling		
		
Size	Part No	
1/4	AF4000	


Inserts		
		
Size	Part No	
1/4 Male	AF4004	
1/4 Female	AF4014	

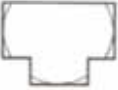


Hosetail Insert		
		
Size	Part No	
1/4	AF4024	
5/16	AF4025	
10 mm	AF4026	

Male Barbs (Hosetail)		
Hosetails		
	Size	Part No
1/8 x 1/4	AF 204	
1/8 x 5/16	AF 205	
1/8 x 3/8	AF 206	
1/4 x 1/4	AF 404	
1/4 x 5/16	AF 405	
1/4 x 3/8	AF 406	
1/4 x 1/2	AF 408	
3/8 x 1/4	AF 604	
3/8 x 5/16	AF 605	
3/8 x 3/8	AF 606	
3/8 x 1/2	AF 608	
1/2 x 3/8	AF 806	
1/2 x 1/2	AF 808	
1/2 X 3/4	AF 0812	
3/4 X 3/4	AF1212	
3/4 X 1	AF 1216	
16 x 1/2	AF 1608	
22 x 1/2	AF 2208	


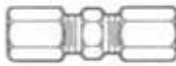

Brass Fittings




Elbow	Male/Female Elbow	
		
Size	Part No	
1/8 - 1/8	3400-02-02	
1/4 - 1/8	3400-04-02	
1/4 - 1/4	3400-04-04	
3/8 - 3/8	3400-06-06	
1/2 - 1/2	3400-08-08	

Tee's	Male Branch Tee	
		
Size	Part No	
1/8	3600-02	
1/4	3600-04	
3/8	3600-06	



Tees & Elbows	Female Tee	Street Tee	Female Elbow
			
Size	Part No	Part No	Part No
1/8"	3700-02	3750-02	3500-02
1/4"	3700-04	3750-04	3500-04
3/8"	3700-06	3750-06	3500-06
1/2"	3700-08	3750-08	3500-08

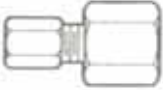
Brass Fittings

	Sleeves		Connectors		Inserts	
						
Size	Part No		Part No		Part No	
1/8	60-02		62-02		2030-02	
3/16	60-03		62-03		2030-03	
1/4	60-04		62-04		2030-04	
5/16	60-05		62-05		2030-05	
3/8	60-06		62-06		2030-06	
1/2	60-08		62-08		2030-08	
5/8	60-10		62-10		2030-10	
3/4	60-12		62-12		2030-12	




	Nut		Tee		Elbow	
						
Size	Part No		Part No		Part No	
1/8	61-02		64-02		65-02	
3/16	61-03		64-03		65-03	
1/4	61-04		64-04		65-04	
5/16	61-05		64-05		65-05	
3/8	61-06		64-06		65-06	
1/2	61-08		64-08		65-08	
5/8	61-10		64-10		65-10	
3/4	61-12				65-12	

Brass Fittings

	Male Stud Connector		Male Stud 90°	
				
Size	Part No		Part No	
1/8 - 1/8	68-0202		69-0202	
3/16 - 1/8	68-0302		69-0302	
3/16 - 1/4	68-0304		69-0304	
1/4 - 1/8	68-0402		69-0402	
1/4 - 1/4	68-0404		69-0404	
1/4 - 3/8	68-0406		69-0406	
1/4 - 1/2	68-0408			
5/16 - 1/8	68-0502		69-0502	
5/16 - 1/4	68-0504		69-0504	
5/16 - 3/8	68-0506		69-0506	
3/8 - 1/8	68-0602		69-0602	
3/8 - 1/4	68-0604		69-0604	
3/8 - 3/8	68-0606		69-0606	
3/8 - 1/2	68-0608		69-0608	
1/2 - 1/4	68-0804		69-0804	
1/2 - 3/8	68-0806		69-0806	
1/2 - 1/2	68-0808		69-0808	
5/8 - 3/8	68-1006		69-1006	
5/8 - 1/2	68-1008		69-1008	
3/4 - 1/2	68-1208		69-1208	
3/4 - 3/4	68-1212		69-1212	


Female Connector		
		
Size	Part No	
1/8 - 1/8	66-0202	
3/16 - 1/8	66-0302	
1/4 - 1/8	66-0402	
1/4 - 1/4	66-0404	
5/16 - 1/8	66-0502	
5/16 - 1/4	66-0504	
3/8 - 1/4	66-0604	
3/8 - 3/8	66-0606	
3/8 - 1/2	66-0608	
1/2 - 3/8	66-0806	
1/2 - 1/2	66-0808	


Pneum Push in Fittings


Connectors	Straight Connector		Elbow Connector		Equal Tees	
						
Size	Part No		Part No		Part No	
04 mm	PG04		PW04		PT04	
06 mm	PG06		PW06		PT06	
08 mm	PG08		PW08		PT08	
09mm	PG09					
10 mm	PG10		PW10		PT10	
11 mm	PG11					
12 mm	PG12		PW12		PT12	
13 mm	PG13					
14 mm	PG14					
15 mm	PG15					
16 mm	PG 16		PW16		PT16	



Connectors	Straight		Elbow		Tee	
						
Size	Part No		Part No		Part No	
04 mm x 1/8	PGE04-1/8		PWE04-1/8			
04 mm x 1/4	PGE04-1/4		PWE04-1/4			
06 mm x 1/8	PGE06-1/8		PWE06-1/8		PTE06-1/8	
06 mm x 1/4	PGE06-1/4		PWE06-1/4		PTE06-1/4	
06 mm x 3/8	PGE06-3/8		PWE06-3/8			
06 mm x 1/2	PGE06-1/2		PWE06-1/2			
08 mm x 1/8	PGE08-1/8		PWE08-1/8		PTE08-1/8	
08 mm x 1/4	PGE08-1/4		PWE08-1/4		PTE08-1/4	
08 mm x 3/8	PGE08-3/8		PWE08-3/8			
08 mm x 1/2	PGE08-1/2		PWE08-1/2		PTE08-1/2	
10 mm x 1/8	PGE10-1/8		PWE10-1/8			
10 mm x 1/4	PGE10-1/4		PWE10-1/4		PTE10-1/4	
10 mm x 3/8	PGE10-3/8		PWE10-3/8			
10 mm x 1/2	PGE10-1/2		PWE10-1/2		PTE-10-1/2	
12 mm x 1/4	PGE12-1/4		PWE12-1/4		PTE12-1/4	
12 mm x 3/8	PGE12-3/8		PWE12-3/8			
12mm x 1/2	PGE12-1/2		PWE12-1/2			

Pneum Push in Fittings




Unequal straight connector		
Unequal Connector		
	Size	Part No
	06-04 mm	PGR06/04
	08-06 mm	PGR08/06
	10-08 mm	PGR10/08
	12-10 mm	PGR12/10



Tube to Stem Reducer		
Tube to Stem Reducer		
	Size	Part No
	04-06mm	PKOR06/04
	04-08mm	PKOR08/04
	06-08mm	PKOR08/06
	06-10mm	PKOR10/06
	08-10mm	PKOR10/08
	08-12mm	PKOR12/08
	10-12mm	PKOR12/10

Tube to Tube Male Bulkhead		
Bulkheads		
	Size	Part No
	04 mm	SV 04L
	06 mm	SV 06L
	08 mm	SV 08L
	10 mm	SV 10L
12 mm	SV 12L	



Tube to Tube Y-Piece			Tube to Tube Cross		
Y-Piece			Cross		
	Size	Part No		Size	Part No
	04 mm	PY 04		04 mm	PK 04
	06 mm	PY 06		06 mm	PK 06
	08 mm	PY 08		08 mm	PK 08
	10 mm	PY 10		10 mm	PK 10
12 mm	PY 12	12 mm	PK 12		

Pneum Push in Fittings


Connectors Imperial	Straight Connector		Elbow Connector		Equal Tees	
						
Size	Part No		Part No		Part No	
1/8	PG1/8		PW1/8		PT1/8	
3/16	PG3/16		PW3/16		PT3/16	
1/4	PG1/4		PW1/4		PT1/4	
5/16	PG5/16		PW5/16		PT5/16	
3/8	PG3/8		PW3/8		PT3/8	
1/2	PG1/2		PW1/2		PT1/2	

Connectors Imperial	Straight		Elbow	
				
Size	Part No		Part No	
1/8 x 1/8	PGE1/8-1/8		PWE1/8-1/8	
3/16 x 1/8	PGE3/16-1/8		PWE3/16-1/8	
1/4 x 1/8	PGE1/4-1/8		PWE1/4-1/8	
1/4 x 1/4	PGE1/4-1/4		PWE1/4-1/4	
5/16 x 1/8	PGE5/16-1/8		PWE5/16-1/8	
5/16 x 1/4	PGE5/16-1/4		PWE5/16-1/4	
3/8 x 1/8	PGE3/8-1/8		PWE3/8-1/8	
3/8 x 1/4	PGE3/8-1/4		PWE3/8-1/4	
3/8 x 3/8	PGE3/8-3/8		PWE3/8-3/8	
1/2 x 1/4	PGE1/2-1/4		PWE1/2-1/4	
1/2 x 3/8	PGE1/2-3/8		PWE1/2-3/8	
1/2 x 1/2	PGE1/2-1/2		PWE1/2-1/2	

Nylon & Suzi's

Metric			Imperial		
					
Size	Part No		Size	Part No	
04 x 1.0	N1112-04x1.0		1/8 x 0.5	N711-1/8	
06 x 1.0	N1112-06x1.0		3/16 x 0.5	N711-3/16	
08 x 1.0	N1112-08x1.0		1/4 x 1.0	N711-1/4	
09 x 1.0	N1112-09x1.0		5/16 x 1.0	N711-5/16	
10 x 1.0	N1112-10x1.0		3/8 x 1.0	N711-3/8	
11 x 1.5	N1112-11x1.5		1/2 x 1.5	N711-1/2	
12 x 1.5	N1112-12x1.5		5/8 x 2.0	N711-5/8	
13 x 1.5	N1112-13x1.5		3/4 x 2.0	N711-3/4	
14 x 1.5	N1112-14x1.5				
15 x 1.5	N1112-15x1.5				
16 x 2.0	N1112-16x2.0				


Suzi Hoses


Part No	Size OD (Inch)	Wall Thickness	Burst Pressure	
NS11R	9	12.7 (1/2")	7700	
NS11Y	9	12.7 (1/2")	7700	


Pu Tubing & PU Coils

Pu Tubing			PU Coils		
					
Size	Part No		Size	Part No	
04 x 2.0	PU-04020		5 x 8, 6mt	UB508060	
06 x 4.0	PU-06040		5 x 8, 9mt	UB508090	
08 x 5.5	PU-08055		6.5 x 10,6mt	UB651060	
10 x 6.5	PU-10065		6.5 x 10,9mt	UB651090	
12 x 9.0	PU-12090		8 x 12,7.5mt	UB801275	
			8 x12.0 9.5mt	UB801295	

Automotive Fittings


Reducers		
Reducer		
Size	Part No	
M16 - 1/4	WRAM16-1/4	
M16 - 3/8	WRAM16-3/8	
M16 - M22	WR/AM 16 - 22	
M22 - M16	WR/AM 22 - 16	
M22 - 1/4	WR/AM 22 - 1/4	
M22 - 3/8	WR/AM 22 - 3/8	
M22 - 1/2	WR/AM 22 - 1/2	


Inserts		
Inserts		
Size	Part No	
4 mm	VHA 4X0.75	
6 mm	VHA 6X1.0	
8 mm	VHA 8X1.0	
10 mm	VHA 10X1.0	
12 mm	VHA 12X1.5	
14 mm	VHA 14x1.5	
15 mm	VHA 15X1.5	
16 mm	VHA 16x1.5	

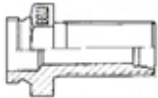
Drain Valves		
Drain Valve		
Size	Part No	
M22x1.5	EV/M 22X1.5	

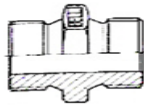
Drain Plugs		
Drain Plugs		
Size	Part No	
1/8	135	
1/4	145	
3/8	108	

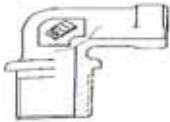
Automotive Fittings

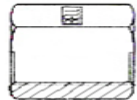
Thrust Ring		
		
Size	Part No	
15mm	DRC 15	
18mm	DRC 18	

Stoss Nuts		
		
Size	Part No	
15mm	MUA 15	
18mm	MUA 18	




Bulkhead Staights		
		
Size	Part No	
M22 - L12	EGT 12-M22X1.5	
M16 - L12	EGT 16 - L12	
1/2 - L12	EGTR 1/2 - L12	

Nipples		
		
Size	Part No	
M22x1.5	EGB 15	
M26x1.5	EGB 18	
M22 - M26	EGB 15-18	
M26 - 1/2	EGB 15-R1/2	


Bulkhead Elbows		
		
Size	Part No	
L12 - M16	WE12LM16X1.5	
L12 - M22	WE12LM22X1.5	
L15 - M22	WE15LM22X1.5	

Sockets		
		
Size	Part No	
M22x1.5	MFM 22X1.5	

F & J'S & HOSE TEES


Female		Male		Short Stem	
					
Part No		Part No		Part No	
FJFemale		FJMale		FJShort	


Long Stem		Striker		Dust Flap	
					
Part No		Part No		Part No	
FJLong		FJStriker		FJDust	


Bracket	
	
Part No	
FJBracket	


Barb Tee	
	Barb Tee's
Size	Part No
1/4	STB-1/4
5/16	STB-5/16
3/8	STB-3/8
1/2	STB-1/2

Schmitter


Hose Sleeve		
		
Size	Part No	
NW 02	204009	
NW 02	204010	
NW 04	204011	
NW 04	204012	
NW 06	204013	
NW 06	204014	
NW 08	204015	
NW 08	204016	
NW 08	204017	
NW 10	204018	
NW 10	204019	
NW 10	204020	
NW 13	204022	
NW 13	204023	
NW 13	204024	
NW 13	204026	


Banjo's/Nylon		
		
Size	Part No	
16 x 12 mm	205500	
16 x 10 mm	205501	
16 x 06 mm	205502	
14 x 06 mm	205503	
12 x 10 mm	205504	
10 x 08 mm	205505	
14 x 10 mm	205506	
16 x 08 mm	205507	
08 x 06 mm	205509	
10 x 06 mm	205510	
14 x 08 mm	205512	
14 x 12 mm	205514	
12 x 08 mm	205517	
12 x 08 mm	205518	
12 x 06 mm	205524	

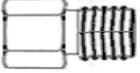
Banjo Bolts		
Single		
Size	Part No	
06 x 1.00	205001	
08 x 1.00	205002	
08 x 1.25	205003	
10 x 1.00	205004	
10 x 1.50	205005	
12 x 1.50	205006	
14 x 1.50	205008	
16 x 1.5	205010	
18 x 1.5	205013	


Double Banjo Bolts		
Double		
Size	Part No	
08 x 1.00	205102	
10 x 1.00	205104	
12 x 1.50	205106	
14 x 1.5	205108	
16 x 1.5	205110	
18 x 1.5	205113	

Schmitter

Brass Olives		
Metric		
	Size	Part No
	04mm	230304
	06mm	230306
	08mm	230308
	10mm	230310
	12mm	230312

Stand Pipes (BE)		
Standpipe		
	Size	Part No
	04 mm	203304
	06 mm	203306
	08 mm	203308
	10 mm	203310
	12 mm	203312

Plugs		
Plugs		
	Size	Part No
	12mm	223012
	14mm	223014
	16mm	223016
	18mm	223018
	20mm	223020
22mm	223022	


Connectors		
Brass Connectors		
	Size	Part No
	09 mm	304132
	11 mm	304133

Zista Tubing


Multi-Purpose Tube
Zista Tubes, Outside Galv 12 Micron Or Yellow Passivated -
DIN 74234-B6

Size x WT	Od	Weight Per Metre (kg)	Design Working Pressure (Bars)	
Metric				
06 x 0.70		0.091	253	
08 x 0.70		0.126	190	
10 x 1.0		0.222	236	
12 x 1.0		0.271	196	
Imperial				
3/16 x 0.71		0.070	299	
1/4 x 0.71		0.099	239	
3/8 x 0.89		0.190	220	
1/2 x 1		0.288	190	



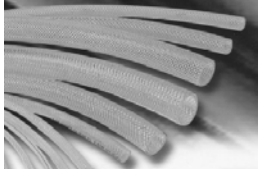
Aluminium Washers

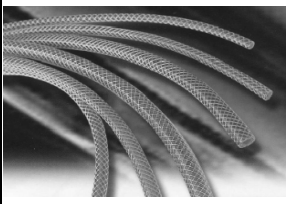
Aluminium Washers					
Size	Part No	Price	Size	Part No	
08 X 12	AL 08X12	R 1.70	16 x 20	AL 16X20	
10 X 14	AL 10X14	R 1.75	16 X 22	AL 16X22	
12 X 16	AL 12X16	R 1.75	18 X 24	AL 18X24	
12 X 20	AL 12X20	R 2.50	22 X 27	AL 22X27	
14 X 18	AL 14X18	R 1.90	22 X 29	AL 22X29	
14 X 20	AL 14X20	R 3.70			

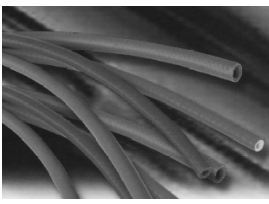
Copper Washers

Copper Washers					
Size	Part No	Price	Size	Part No	
08 X 12	CU08X12	R 1.75	14 X 20	CU14X20	
10 X 16	CU10X16	R 2.75	14 X 22	CU14X22	
12 X 16	CU12X16	R 2.80	16 X 22	CU16X22	
12 x 18	CU12X18	R 3.25	20 X 26	CU20X26	

Clear & Reinforced Hose

Clear & Reinforced	Clear Tubing				Clear Reinforced	
	Thin Wall		Thick			
						
Size ID	Part No		Part No		Part No	
03 - 1/8	6001-03		6002-03			
05 - 3/16	6001-05		6002-05			
06 - 1/4	6001-06		6002-06		7009-06	
08 - 5/16	6001-08		6002-08		7009-08	
10 - 3/8	6001-10		6002-10		7009-10	
12 - 1/2	6001-12		6002-12		7009-12	
16 - 5/8			6002-16		7009-16	
20 - 3/4			6002-20		7009-20	
25 - 1			6002-25		7009-25	
32 - 1 1/4					7009-32	
40 - 1 1/2					7009-40	
50 - 2					7009-50	

Reinforced	Fuel	
		
Size ID	Part No	
06 mm	SFR-06	
08 mm	SFR-08	
10 mm	SFR-10	

Reinforced	Gas	
		
Size ID	Part No	
06 mm	SGR-06	
08 mm	SGR-08	
10 mm	SGR-10	

CRIMP CHART

One Wire - Non Skive		Two Wire - Non Skive	
Part Number	Crimp Dime	Part Number	Crimp Dime
CTCL-04	16.3	XTCL-04	17.8
CTCL-05	18.2	XTCL-05	20.2
CTCL-06	20.1	XTCL-06	21.4
CTCL-08	23.7	XTCL-08	25.6
CTCL-10	26.9	XTCL-10	29.4
CTCL-12	31.5	XTCL-12	33.3
CTCL-16	38.9	XTCL-16	41
CTCL-20	47.8	XTCL-20	50.4
CTCL-24	53	XTCL-24	58.3
CTCL-32	68.3	XTCL-32	72.3

Two Wire -Skive			Four Spiral Hose - R12		
P/No.	S/Length	Crimp Dim	P/No.	S/Length	Crimp Dim
CX04BD	19.0	17.4	H06FLW	22.0	22.7
CX05BD	19.0	20.2	H08FLW	24.0	26.4
CX06BD	19.5	22.0	H10FLW	27.0	30.6
CX08BD	22.5	26.0	H12FLW	30.0	33.2
CX10BD	22.5	29.0	H16FLW	38.0	41.4
CX12BD	27.5	33.2	H20FLW	45.0	49.9
CX16BD	31.5	41.2	H24FLW	50.0	58.8
CX20BD	38.0	50.8	H32FLW	55.0	71.1
CX24BD	40.0	57.2			
CX32BD	44.0	69.5			

Four Spiral Hose - 4 SP		
Part Number	Skive Length	Crimp Dimen
H06FLW	22.0	23.0
H08FLW	24.0	26.7
H10FLW	27.0	30.7
H12FLW	30.0	34.4
H16FLW	38.0	42.0
H20FLW	45.0	49.9
H24FLW	53.0	59.6
H32FLW	57.0	74.6

J & P Hydraulics - (064) 204993