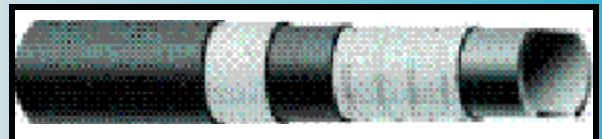
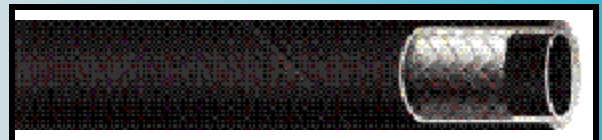




Hydraulic Hoses and Fittings

Powertrack International, Inc. was founded in 1974 and has been supplying industrial hose and fitting products for over 35 years. Powertrack's continued success directly correlates to our primary interest, customer satisfaction.

Through our network of four strategically located distribution warehouses we are prepared to service your hose and fittings requirements globally.



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WIRE BRAID REINFORCED HOSES

1SN Wire Braid Reinforced Hose	1
2SN Wire Braid Reinforced Hose	1

HYDRAULIC / SUCTION HOSES

SAE 100R16 Hydraulic Hose	2
SAE 100R17 Hydraulic Hose	2
SAE 100R12 Hydraulic Hose	3
4 SH Hydraulic Hose	3
SAE 100R13 Hyrdraulic Hose	4
SAE 100R4 Suction Hose	4

HYDRAULIC HOSE COUPLINGS

MP and MPX, FPX, and FP Hydraulic Hose Couplings	5
FJX and MJ Hydraulic Hose Couplings	6
MB, MBX, and MBX90, and MPX90 Hydraulic Hose Couplings	7
MF, FJX90, and FJX45 Hydraulic Hose Couplings	8
FJX90L, FFX, FFX90, and FFX45 Hydraulic Hose Couplings	9
FFX90L, MIX, MIX45, and MIX90 Hydraulic Hose Couplings	10
FSX45, C61, MW, FW, and SHELL Hydraulic Hose Couplings	11
MT, KAR, FSX, MS, and FSX90 Hydraulic Hose Couplings	12

METRIC HOSE COUPLINGS

British Standard Pipe 60 Cone Female Swivel	13
British Standard Pipe 60 Cone Male Rigid	13
British Parallel Pipe 60 Cone Rigid	13
British Flat Face Seat Female Swivel	13
British Standard Pipe 60 Cone 90° Tube Female Swivel	13
British Standard Pipe 60 Cone 45° Tube Female Swivel	13
DIN Heavy Universal Seat Male Rigid	14
DIN Heavy Universal Seat 90° Tube Female Swivel	14
DIN Heavy Universal Seat 45° Tube Female Swivel	14
J.I.S. 30° Female Swivel	14
Komatsu J.I.S. 30 Seat Female Swivel	14
Metric O.D. Stand Tube Rigid	15
Metric O.D. Stand Pipe 45° Tube	15
DIN Light Universal Seat Female Swivel	16
DIN Light Universal Seat Male Rigid	16
DIN Light Universal Seat 90° Tube Female Swivel	16
DIN Light Universal Seat 45° Tube Female Swivel	16
DIN Heavy Universal Seat Female Swivel	16
Metric O.D. Standpipe 90° Tube	17

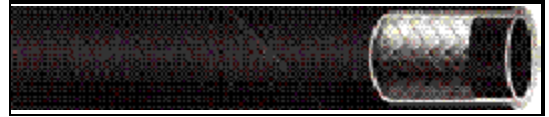
R2 REUSABLE HOSE COUPLINGS

37° JIC Female Swivel 100R2 at Reusable	17
Male Pipe Rigid 100R2 at Reusable	17

POWERTRACK INTERNATIONAL

"HOSE PRODUCTS FOR INDUSTRY"

1SN Wire Braid Reinforced Hose



Recommended for: Medium pressure hydraulic oil lines. Meets or exceeds EN853-1SN requirements.

Tube: Oil resistant synthetic rubber.

Reinforcement: One high tensile steel wire braid.

Cover: Synthetic black rubber, abrasion and oil resistant.

Temperature range: -40°F to +212°F constant / 250°F intermittent.

Part Number	Nominal Hose I.D. (Inches)	Nominal Hose O.D. (Inches)	Working Pressure (psi)	Min. Burst (psi)	Minimum Bend Radius (Inches)	Approx. Weight (lbs/ft)
1SN-04	1/4	0.557	3265	13060	4.00	0.14
1SN-05	5/16	0.619	3120	12480	4.50	0.17
1SN-06	3/8	0.713	2610	10440	5.00	0.23
1SN-08	1/2	0.846	2320	9280	7.00	0.28
1SN-10	5/8	0.971	1890	7560	8.00	0.34
1SN-12	3/4	1.127	1525	6100	9.50	0.43
1SN-16	1	1.440	1275	5100	12.00	0.65
1SN-20	1-1/4	1.766	915	3660	16.50	0.85
1SN-24	1-1/2	2.047	725	2900	20.00	1.07
1SN-32	2	2.594	580	2310	25.00	1.49

2SN Wire Braid Reinforced Hose



Recommended for: Medium pressure hydraulic oil lines. Meets or exceeds EN853-2SN requirements.

Tube: Oil resistant synthetic rubber.

Reinforcement: Two high tensile steel wire braids.

Cover: Synthetic black rubber, abrasion and oil resistant.

Temperature range: -40°F to +212°F constant / 250°F intermittent.

Part Number	Nominal Hose I.D. (Inches)	Nominal Hose O.D. (Inches)	Working Pressure (psi)	Min. Burst (psi)	Minimum Bend Radius (Inches)	Approx. Weight (lbs/ft)
2SN-04	1/4	0.619	5800	23200	4.00	0.25
2SN-05	5/16	0.682	5100	20400	4.50	0.30
2SN-06	3/8	0.777	4800	19200	5.00	0.36
2SN-08	1/2	0.908	4000	16000	7.00	0.42
2SN-10	5/8	1.034	3600	14400	8.00	0.53
2SN-12	3/4	1.190	3100	12400	9.50	0.66
2SN-16	1	1.531	2400	9600	12.00	0.99
2SN-20	1-1/4	1.953	1800	7200	16.50	1.60
2SN-24	1-1/2	2.203	1300	5200	20.00	1.69
2SN-32	2	2.703	1160	4640	25.00	2.15

Recommended Fitting 1PB-Series sizes 04 through 16 or 1PBS-Series sizes 20 through 32.

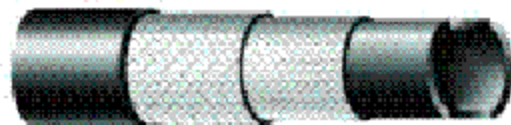
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Fax: 412-787-8520

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SAE 100R16 Hydraulic Hose



Recommended for: High pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R16.

Tube: Black, oil resistant, Nitrile (BTR).

Reinforcement: Two braids or higher tensile steel wire.

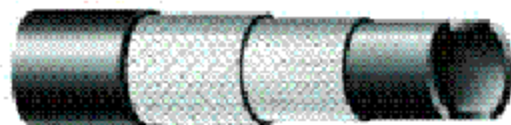
Cover: Black, oil and abrasion resistant Neoprene (CR).

Temperature range: -40°F to +212°F

No skiving required.

Part Number	Hose I.D. (Inches)	Hose O.D. (Inches)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (Inches)
R16-04 Reel	1/4	0.56	5,000	20,000	2
R16-06 Reel	3/8	0.74	4,000	16,000	2.5
R16-08 Reel	1/2	0.86	3,500	14,000	3.5
R16-10 Reel	5/8	1.00	2,750	11,000	4
R16-12 Reel	3/4	1.14	2,250	9,000	4.8
R16-16 Reel	1	1.44	2,000	4,000	6

SAE 100R17 Hydraulic Hose



Recommended for: High pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R17.

Tube: Black, oil resistant, Nitrile (BTR).

Reinforcement: One or two braids of high tensile steel wire.

Cover: Black, oil and abrasion resistant Neoprene (CR).

Temperature range: -40°F to +212°F

No skiving required.

Part Number	Hose I.D. (Inches)	Hose O.D. (Inches)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (Inches)
R17-04 Reel	1/4	0.49	3,000	12,000	2
R17-06 Reel	3/8	0.65	3,000	12,000	2.5
R17-08 Reel	1/2	0.77	3,000	12,000	3.5
R17-10 Reel*	5/8	0.94	3,000	12,000	4
R17-12 Reel*	3/4	1.10	3,000	12,000	4.8
R17-16 Reel*	1	1.43	3,000	12,000	6

*Two high tensile steel wire braids.

Suitable for hydraulic fluids on mineral oil and synthetic oil basis (HL, HLP, HLPD, HVLP), oil-water-emulsions (HFAE, HFAS, HFB) and water-glycol liquids (HFC), for vegetable and mineral oil based lubricants, cooling water and compressed air.

Not suitable for hydraulic fluids on phosphate ester basis (HFD).

Generally suitable for biologically degradable hydraulic liquids (HETG, HEPG, HEES), however limited by fluid additives.

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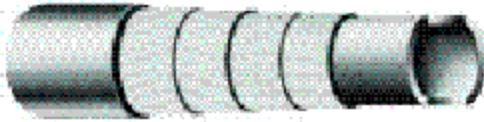
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POWERTRACK INTERNATIONAL

"HOSE PRODUCTS FOR INDUSTRY"

SAE 100R12 Hydraulic Hose



Recommended for: High pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R12.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Four spiraled layers of higher tensile steel wire.

Cover: Grey, oil and abrasion resistant synthetic rubber.

Temperature range: -40°F to +250°F

Part Number	Hose I.D. (Inches)	Hose O.D. (Inches)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (Inches)
R12-06	3/8	0.80	4,000	16,000	5
R12-08	1/2	0.94	4,000	16,000	7
R12-12	3/4	1.21	4,000	16,000	9.5
R12-16	1	1.5	4,000	16,000	12
R12-20	1-1/4	1.85	3,000	12,000	16.5
R12-24	1-1/2	2.11	2,500	10,000	20
R12-32	2	2.63	2,500	10,000	25

4 SH Hydraulic Hose



Recommended for: High pressure hydraulic oil lines. Meets or exceeds requirements of DIN 20023.

Tube: Black, oil resistant, synthetic rubber.

Reinforcement: Four spiraled layers of higher tensile steel wire.

Cover: Black, oil and abrasion resistant synthetic rubber.

Temperature range: -40°F to +250°F

Part Number	HOSE I.D. (Inches)	Hose O.D. (Inches)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (Inches)
4SH-12	3/4	1.27	6,095	24,380	9.5
4SH-16	1	1.52	5,515	22,060	12
4SH-20	1-1/4	1.79	5,000	20,000	16.5
4SH-24	1-1/2	2.11	4,200	16,800	20
4SH-32	2	2.68	3,625	14,500	25

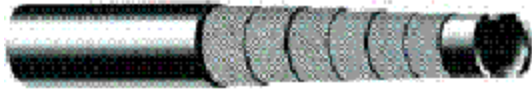
Not suitable for hydraulic fluids on phosphate ester basis (HFD).

Generally suitable for biologically degradable hydraulic liquids (HETG, HEPG, HEES), however limited by fluid additives.

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Fax: 412-787-8520
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100R13 Hydraulic Hose



Recommended for: High pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R13.
Tube: Black, oil resistant, synthetic rubber.
Reinforcement: Up to 1" - four. 1-1/4" and higher- six spiraled layers of higher tensile steel wire.
Cover: Black, oil and abrasion resistant synthetic rubber.
Temperature range: -40°F to +250°F

Part Number	Hose I.D. (Inches)	Hose O.D. (Inches)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (Inches)
R13-12	3/4	1.26	5,000	20,000	9.5
R13-16	1	1.54	5,000	20,000	12
R13-20	1-1/4	1.96	5,000	20,000	16.5
R13-24	1-1/2	2.26	5,000	20,000	20
R13-32	2	2.83	5,000	20,000	25

SAE 100R4 Suction Hose



Recommended for: Meets or exceeds requirements of SAE 100R4.
Tube: Black, oil resistant, synthetic rubber.
Reinforcement: Textile reinforcement with helix wire.
Cover: Black, oil and abrasion resistant synthetic rubber.
Temperature range: -40°F to +250°F

Part Number	Hose I.D. (Inches)	Hose O.D. (Inches)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (Inches)
R4-12	3/4	1.32	300	1,200	5
R4-16	1	1.48	250	1,000	6
R4-20	1-1/4	1.77	200	800	8
R4-24	1-1/2	2.05	150	600	10
R4-32	2	2.5	100	400	12

Not suitable for hydraulic fluids on phosphate ester basis (HFD).

Generally suitable for biologically degradable hydraulic liquids (HETG, HEPG, HEES), however limited by fluid additives.

POWERTRACK INTERNATIONAL

"HOSE PRODUCTS FOR INDUSTRY"

MP / MPX / FPX / FP Hydraulic Hose Couplings

MALE PIPE NPTF RIGID		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	MP-04-02	1/4"	1/8-27	0.25	2.134	0.879	5/8			
	MP-04-04	1/4"	1/4-18	0.25	2.315	1.070	1 1/16			
	MP-04-06	1/4"	3/8-18	0.25	2.409	1.164	3/4			
	MP-04-08	1/4"	1/2-14	0.25	2.661	1.416	15/16			
	MP-06-04	3/8"	1/4-18	0.375	2.650	1.154	3/4			
	MP-06-06	3/8"	3/8-18	0.375	2.650	1.154	3/4			
	MP-06-08	3/8"	1/2-14	0.375	2.910	1.406	15/16			
	MP-08-06	1/2"	3/8-18	0.5	2.840	1.154	7/8			
	MP-08-08	1/2"	1/2-14	0.5	3.100	1.406	7/8			
	MP-08-12	1/2"	3/4-14	0.5	3.080	1.406	1 1/8			
	MP-10-08	5/8"	1/2-14	0.625	3.286	1.406	1 1/8			
	MP-10-12	5/8"	3/4-14	0.625	3.286	1.406	1 1/8			
	MP-12-08	3/4"	1/2-14	.075	3.280	1.406	1 1/8			
	MP-12-12	3/4"	3/4-14	0.75	3.290	1.406	1 1/8			
	MP-12-16	3/4"	1-11 1/2	0.75	3.476	3.476	1 3/8			
	MP-16-12	1"	3/4-14	1	3.746	3.746	1 3/8			
MP-16-16	1"	1-11 1/2	1	3.930	3.930	1 3/8				
MP-16-20	1 1/4"	1 1/4-1 1/2	1.25	3.960	3.960	1 3/4				

NPTF MALE PIPE SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	MPX-04-02	1/4"	1/8-27	0.25	2.671	1.416	5/8	1/2		
	MPX-04-04	1/4"	1/4-18	0.25	2.851	1.596	5/8	11/16		
	MPX-04-06	1/4"	3/8-18	0.25	2.851	1.596	5/8	3/4		
	MPX-06-04	3/8"	1/4-18	0.375	3.156	1.656	3/4	11/16		
	MPX-06-06	3/8"	3/8-18	0.375	3.190	1.690	3/4	3/4		
	MPX-06-08	3/8"	1/2-14	0.375	3.380	1.880	3/4	7/8		
	MPX-08-06	1/2"	3/8-18	0.5	3.417	1.719	7/8	3/4		
	MPX-08-08	1/2"	1/2-14	0.5	3.641	1.943	7/8	15/16		
	MPX-12-12	3/4"	3/4-14	0.75	3.885	2.005	1 1/8	1 1/8		
	MPX-16-16	1"	1-11 1/2	1	4.593	2.313	1 3/8	1 1/2		

NPSM FEMALE PIPE SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	FPX-04-04	1/4"	1/4-18	0.25	2.349	1.094	5/8	3/4		
	FPX-06-06	3/8"	3/8-18	0.375	2.688	1.188	3/4	7/8		
	FPX-08-08	1/2"	1/2-14	0.5	3.028	1.338	1"	1"		
	FPX-12-12	3/4"	3/4-14	0.75	3.477	1.594	1 1/8	1 1/4		
	FPX-16-16	1"	1-11 1/2	1	3.999	1.719	1 3/8	1 1/2		

NPSM FEMALE PIPE RIGID		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	FP-04-02	1/4"	1/8-27	0.25	2.340	1.320	5/8			
	FP-04-04	1/4"	1/4-18	0.25	2.349	1.094	3/4			
	FP-06-06	3/8"	3/8-18	0.375	2.688	1.188	7/8			
	FP-08-08	1/2"	1/2-14	0.5	3.032	1.344	1 1/16			
	FP-12-12	3/4"	3/4-14	0.75	3.315	1.435	1 1/4			
	FP-16-16	1"	1-11 1/2	1	3.965	1.685	1 1/2			

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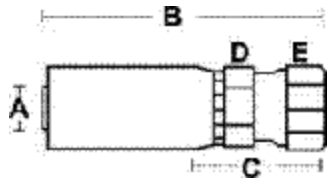
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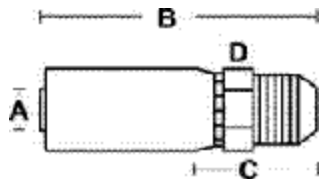
FJX / MJ Hydraulic Hose Couplings

37° JIC FEMALE SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FJX-02-03	1/8"	3/8-24	0.125	1.582	0.9	1/2	9/16	
FJX-03-04	3/16"	7/16-20	0.187	2.185	1.125	9/16	9/16	
FJX-03-05	3/16"	1/2-20	0.187	2.185	1.125	9/16	3/4	
FJX-04-03	1/4"	3/8-24	0.25	2.442	1.187	5/8	9/16	
FJX-04-04	1/4"	7/16-20	0.25	2.505	1.25	5/8	9/16	
FJX-04-05	1/4"	1/2-20	0.25	2.505	1.25	5/8	3/4	
FJX-04-06	1/4"	9/16-18	0.25	2.505	1.25	5/8	11/16	
FJX-04-08	1/4"	3/4-16	0.25	2.63	1.375	3/4	7/8	
FJX-06-05	3/8"	1/2-20	0.375	2.80	1.25	3/4	3/4	
FJX-06-06	3/8"	9/16-18	0.375	2.844	1.344	3/4	11/16	
FJX-06-08	3/8"	3/4-16	0.375	2.844	1.344	3/4	7/8	
FJX-06-10	3/8"	7/8-14	0.375	3.01	1.5	7/8	1 1/16	
FJX-08-06	1/2"	9/16-18	0.5	3.032	1.344	7/8	11/16	
FJX-08-08	1/2"	3/4-16	0.5	3.188	1.5	7/8	7/8	
FJX-08-10	1/2"	7/8-14	0.5	3.188	1.5	7/8	1 1/16	
FJX-08-12	1/2"	1 1/16-12	0.5	3.282	1.594	1 1/8	1 1/4	
FJX-10-08	5/8"	3/4-16	0.625	3.38	1.5	1 1/8	7/8	
FJX-10-10	5/8"	7/8-14	0.625	3.442	1.562	1 1/8	1 1/16	
FJX-10-12	5/8"	1 1/16-12	0.625	3.474	1.594	1 1/8	1 1/4	
FJX-12-08	3/4"	3/4-16	0.75	3.38	1.5	1 1/8	7/8	
FJX-12-12	3/4"	1 1/16-12	0.75	3.474	1.594	1 1/8	1 1/4	
FJX-12-14	3/4"	1 3/16-12	0.75	3.536	1.656	1 3/8	1 1/2	
FJX-12-16	3/4"	1 5/16-12	0.75	3.536	1.656	1 3/8	1 1/2	
FJX-16-12	1"	1 1/16-12	1	3.9434	1.654	1 3/8	1 1/4	
FJX-16-16	1"	1 5/16-12	1	3.996	1.716	1 3/8	1 1/2	
FJX-16-20	1"	1 5/8-12	1	4.184	1.904	1 11/16	2"	
FJX-20-20	1 1/4"	1 5/8-12	1.25	4.368	1.993	1 3/4	2"	

37° JIC MALE RIGID

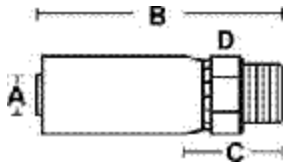


PART NUMBER	HOSE I.D.	THREAD	A	B	C	D	E	F
MJ-04-04	1/4"	7/16-20	0.25	2.305	1.05	5/8		
MJ-04-05	1/4"	1/2-20	0.25	2.305	1.05	5/8		
MJ-04-06	1/4"	9/16-18	0.25	2.405	1.15	3/4		
MJ-06-06	3/8"	9/16-18	0.375	2.56	1.15	3/4		
MJ-06-08	3/8"	3/4-16	0.375	2.751	1.251	13/16		
MJ-06-10	3/8"	7/8-14	0.375	2.914	1.414	7/8		
MJ-08-08	1/2"	3/4-16	0.5	2.939	1.251	7/8		
MJ-08-10	1/2"	7/8-14	0.5	3.102	1.414	15/16		
MJ-08-12	1/2"	1 1/16-12	0.5	3.208	1.52	1 1/8		
MJ-10-10	5/8"	7/8-14	0.625	3.294	1.414	1 1/8		
MJ-10-12	5/8"	1 1/16-12	0.625	3.4	1.52	1 1/8		
MJ-12-12	3/4"	1 1/16-12	0.75	3.395	1.52	1 1/8		
MJ-12-14	3/4"	1 3/16-12	0.75	3.426	1.546	1 1/4		
MJ-12-16	3/4"	1 5/16-12	0.75	3.447	1.567	1 3/8		
MJ-16-16	1"	1 5/16-12	1	3.902	1.627	1 3/8		
MJ-20-20	1 1/4"	1 5/8-12	1.25	3.848	1.848	1 3/4		

MBX / MBX90 / MPX90 Hydraulic Hose Couplings

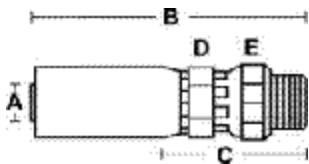
HYDRAULIC HOSE COUPLINGS

MALE BOSS O-RING RIGID



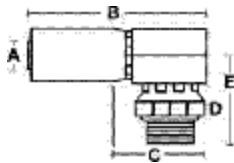
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MB-04-04	1/4"	7/16-20	0.25	2.130	0.860	5/8		
MB-04-05	1/4"	1/2-20	0.25	2.115	0.860	5/8		
MB-04-06	1/4"	9/16-18	0.25	2.146	0.891	11/16		
MB-04-08	1/4"	3/4-16	0.25	2.349	1.094	15/16		
MB-06-06	3/8"	9/16-18	0.375	2.480	0.985	3/4		
MB-06-08	3/8"	3/4-16	0.375	2.532	1.032	7/8		
MB-06-10	3/8"	7/8-14	0.375	2.646	1.156	7/8		
MB-08-08	1/2"	3/4-16	0.5	2.782	1.094	7/8		
MB-08-10	1/2"	7/8-14	0.5	2.844	1.156	1 1/16		
MB-10-10	5/8"	7/8-14	0.625	3.036	1.156	1 1/8		
MB-12-10	3/4"	7/8-14	0.75	3.036	1.156	1 1/8		
MB-12-12	3/4"	1 1/16-12	0.75	3.130	1.255	1 1/4		
MB-16-16	1"	1 5/16-12	1	3.690	1.415	1 1/2		

MALE BOSS O-RING SWIVEL



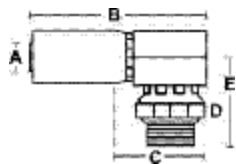
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MBX-04-04	1/4"	7/16-20	0.25	2.935	1.68	5/8	0.69	
MBX-04-06	1/4"	9/16-18	0.25	2.956	1.701	5/8	0.75	
MBX-06-06	3/8"	9/16-18	0.375	3.12	1.62	3/4	0.75	
MBX-06-08	3/8"	3/4-16	0.375	3.108	1.608	3/4	0.88	
MBX-08-08	1/2"	3/4-16	0.5	3.637	1.939	7/8	0.94	
MBX-08-10	1/2"	7/8-14	0.5	3.487	1.789	7/8	1"	
MBX-12-12	3/4"	1 1/16-12	0.75	4.105	2.225	1 1/8	1 1/8	

MALE BOSS O-RING 90° SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MBX90-04-04	1/4"	7/16-20	0.25	2.312	0.819	11/16	1.59	
MBX90-04-06	1/4"	9/16-18	0.25	2.312	0.819	3/4	1.61	
MBX90-06-06	3/8"	9/16-18	0.375	2.75	0.725	3/4	1.74	
MBX90-06-08	3/8"	3/4-16	0.375	2.75	0.725	7/8	1.51	
MBX90-06-10	3/8"	7/8-14	0.375	2.75	0.725	1"	1.61	
MBX90-08-08	1/2"	3/4-16	0.5	3	0.781	15/16	1.92	
MBX90-08-10	1/2"	7/8-14	0.5	3	0.781	1"	1.67	
MBX90-12-12	3/4"	1 1/16-12	0.75	3.63	1	1 1/8	2.36	

MALE PIPE 90° SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MPX90-04-04	1/4"	1/4-18	0.25	2.312	0.819	11/16	1.51	
MPX90-04-06	1/4"	3/8-18	0.25	2.312	0.819	3/4	1.51	
MPX90-06-06	3/8"	3/8-18	0.375	2.75	0.725	3/4	1.61	
MPX90-06-08	3/8"	1/2-14	0.375	2.75	0.725	7/8	1.80	
MPX90-08-08	1/2"	1/2-14	.5	3	0.781	15/16	1.92	
MPX90-12-12	3/4"	3/4-14	0.75	3.63	1	1 1/8	2.08	

MF / FJX90 / FJX45 Hydraulic Hose Couplings

MALE FACE SEAL RIGID		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
		MF-04-04	1/4"	9/16-18	0.25	2.338	1.083	5/8		
		MF-06-06	3/8"	3/16-16	0.375	2.457	0.957	3/4		
		MF-08-08	1/2"	11/16-16	0.5	2.708	1.02	7/8		
		MF-10-10	5/8"	1-14	0.625	3.036	1.15	1 1/8		
		MF-12-12	3/4"	1 13/16-12	0.75	3.13	1.25	1 1/4		

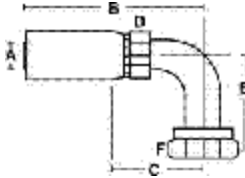
37° JIC FEMALE 90° SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
		FJX90-04-04	1/4"	7/16-20	0.25	2.31	1.295	5/8	0.88	9/16
		FJX90-04-05	1/4"	1/2-20	0.25	2.44	1.295	5/8	1.00	5/8
		FJX90-04-06	1/4"	9/16-18	0.25	2.4	1.35	5/8	1.13	11/16
		FJX90-06-04	3/8"	7/16-20	0.375	2.5	1.06	3/4	0.88	9/16
		FJX90-06-06	3/8"	9/16-18	0.375	2.705	1.376	3/4	1.12	11/16
		FJX90-06-08	3/8"	3/4-16	0.375	2.75	1.496	3/4	1.38	7/8
		FJX90-08-06	1/2"	9/16-18	0.5	3.313	1.625	7/8	1.12	11/16
		FJX90-08-08	1/2"	3/4-16	0.5	3.043	1.312	7/8	1.39	7/8
		FJX90-08-10	1/2"	7/8-14	0.5	3.375	1.437	7/8	1.58	1"
		FJX90-10-10	5/8"	7/8-14	0.625	3.35	1.437	1 1/8	1.58	1"
		FJX90-10-12	5/8"	1 1/16-12	0.625	3.943	2.063	1 1/8	2.28	1 1/4
		FJX90-12-12	3/4"	1 1/16-12	0.75	4.022	2.063	1 1/8	2.28	1 1/4
		FJX90-12-16	3/4"	1 5/16-12	0.75	4.193	2.313	1 3/8	2.51	1 1/2
		FJX90-16-16	1"	1 5/16-12	1	3.401	2.063	1 3/8	2.51	1 1/2
		FJX90-20-20	1 1/4"	1 5/8-12	1.25	5.745	3.745	1 3/4	3.33	

37° JIC FEMALE 45° SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
		FJX45-04-04	1/4"	7/16-20	0.25	2.58	1.403	5/8	0.450	9/16
		FJX45-04-05	1/4"	1/2-20	0.25	2.67	1.395	5/8	0.497	5/8
		FJX45-04-06	1/4"	9/16-18	0.25	2.645	1.375	5/8	1.500	11/16
		FJX45-06-04	3/8"	7/16-20	0.375	2.813	1.303	3/4	0.467	9/16
		FJX45-06-06	3/8"	9/16-18	0.375	2.967	1.253	3/4	0.590	11/16
		FJX45-06-08	3/8"	3/4-16	0.375	3.158	1.658	3/4	0.713	7/8
		FJX45-08-06	1/2"	9/16-18	0.5	3.171	1.483	7/8	0.588	11/16
		FJX45-08-08	1/2"	3/4-16	0.5	3.411	1.658	7/8	0.635	7/8
		FJX45-08-10	1/2"	7/8-14	0.5	3.523	1.773	7/8	0.839	1"
		FJX45-10-10	5/8"	7/8-14	0.625	3.739	1.835	1 1/8	0.816	1"
		FJX45-10-12	5/8"	1 1/16-12	0.625	4.366	2.449	1 1/8	0.967	1 1/4
		FJX45-12-12	3/4"	1 1/16-12	0.75	4.329	2.449	1 1/8	1.118	1 1/4
		FJX45-12-16	3/4"	1 5/16-12	0.75	4.461	2.521	1 3/8	1.148	1 1/2
		FJX45-16-16	1"	1 5/16-12	1	4.971	2.639	1 3/8	1.059	1 1/2
		FJX45-20-20	1 1/4"	1 5/8-12	1.25	5.961	3.961	1 3/4	1.63	2"

FJX90L/ FFX / FFX90 / FFX45 Hydraulic Hose Couplings

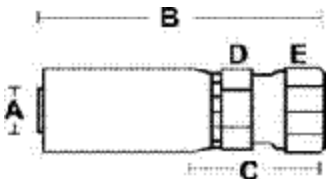
HYDRAULIC HOSE COUPLINGS

37° JIC FEMALE
90° LONG DROP SWIVEL



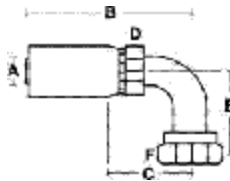
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FJX90L-04-04	1/4"	7/16-20	0.25	2.328	1.063	5/8	1.80	9/16
FJX90L-04-06	1/4"	9/16-18	0.25	2.438	1.188	5/8	2.18	11/16
FJX90L-06-04	3/8"	7/16-20	0.375	2.573	1.063	3/4	1.80	9/16
FJX90L-06-06	3/8"	9/16-18	0.375	2.625	1.188	3/4	2.18	11/16
FJX90L-06-08	3/8"	3/4-16	0.375	2.751	1.31	3/4	2.43	7/8
FJX90L-08-08	1/2"	3/4-16	0.5	2.938	1.312	7/8	2.43	7/8
FJX90L-08-10	1/2"	7/8-14	0.5	3.125	1.437	7/8	2.57	1"
FJX90L-10-10	5/8"	7/8-14	0.625	2.13	1.437	1 1/8	2.57	1"
FJX90L-12-12	3/4"	1 1/16-12	0.75	2.875	2.063	1 1/8	4.33	1 1/4
FJX90L-16-16	1"	1 5/16-12	1	4.688	2.31	1 3/8	4.33	1 1/2

O-RING FACE SEAL
FEMALE SWIVEL



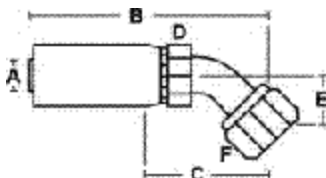
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FFX-04-04	1/4"	9/16-18	0.25	2.419	1.164	5/8	11/16	
FFX-04-06	1/4"	11/16-16	0.25	2.527	1.272	3/4	7/8	
FFX-06-06	3/8"	11/16-16	0.375	2.752	1.252	3/4	7/8	
FFX-06-08	3/8"	1 3/16-16	0.375	3.090	3.250	3/4	15/16	
FFX-08-08	1/2"	1 3/16-16	0.5	3.125	1.810	15/16	1 1/16	
FFX-08-10	1/2"	1-14	0.5	3.196	1.508	15/16	1 1/8	
FFX-08-12	1/2"	1 3/16-12	0.5	3.282	1.594	1 1/8	1 1/4	
FFX-10-10	5/8"	1-14	0.625	3.388	1.508	1 1/8	1 1/8	
FFX-10-12	5/8"	1 3/16-12	0.625	3.432	1.552	1 1/8	1 3/8	
FFX-12-12	3/4"	1 3/16-12	0.75	3.432	1.552	1 1/8	1 3/8	
FFX-12-16	3/4"	1 7/16-12	0.75	3.444	1.565	1 1/4	1 3/8	
FFX-16-16	1"	1 7/16-12	1	3.996	1.716	1 3/8	1 5/8	

O-RING FACE SEAL
90° FEMALE SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FFX90-04-04	1/4"	9/16-18	0.25	2.3	1.21	5/8	0.78	11/16
FFX90-04-06	1/4"	11/16-16	0.25	2.36	1.21	5/8	0.90	13/16
FFX90-06-06	3/8"	11/16-16	0.375	2.827	1.28	3/4	0.90	13/16
FFX90-06-08	3/8"	1 3/16-16	0.375	2.95	1.42	3/4	1.15	15/16
FFX90-08-08	1/2"	1 3/16-16	0.5	3.14	1.605	7/8	1.15	15/16
FFX90-08-10	1/2"	1-14	0.5	3.23	1.25	7/8	1.78	1 1/8
FFX90-10-10	5/8"	1-14	0.625	3.41	1.437	1 1/8	1.78	1 1/8
FFX90-10-12	5/8"	1 3/16-12	0.625	3.77	2.021	1 1/8	1.88	1 3/8
FFX90-12-12	3/4"	1 3/16-12	0.75	3.77	2.021	1 1/8	1.88	1 3/8
FFX90-12-16	3/4"	1 7/16-12	0.75	4.79	2.063	1 3/8	2.51	1 1/2
FFX90-16-16	1"	1 7/16-12	1	4.43	2.373	1 3/8	2.53	1 5/8

O-RING FACE SEAL
45° FEMALE SWIVEL



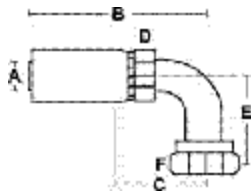
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FFX45-04-04	1/4"	9/16-18	0.25	2.6	1.305	5/8	0.40	11/16
FFX45-04-06	1/4"	11/16-16	0.25	2.6	1.305	5/8	0.43	13/16
FFX45-06-06	3/8"	11/16-16	0.375	2.9	1.38	3/4	0.43	13/16
FFX45-06-08	3/8"	1 3/16-16	0.375	3.202	1.52	3/4	0.59	15/16
FFX45-08-08	1/2"	1 3/16-16	0.5	3.39	1.71	7/8	0.53	15/16
FFX45-08-10	1/2"	1-14	0.5	3.66	1.76	7/8	0.83	1 1/8
FFX45-10-10	5/8"	1-14	0.625	3.85	1.945	1 1/8	0.83	1 1/8
FFX45-10-12	5/8"	1 3/16-12	0.625	4	2.135	1 1/8	0.83	1 3/8
FFX45-12-12	3/4"	1 3/16-12	0.75	4	2.135	1 1/8	0.83	1 3/8
FFX45-16-16	1"	1 7/16-12	1	5	2.765	1 3/8	1.00	1 5/8

POWERTRACK INTERNATIONAL

"HOSE PRODUCTS FOR INDUSTRY"

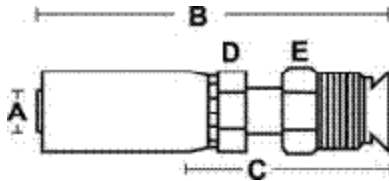
FFX90L / MIX / MIX45 / MIX90 Hydraulic Hose Couplings

O-RING FACE SEAL 90° LONG DROP FEMALE SWIVEL



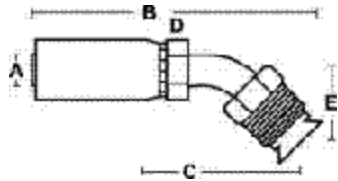
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FFX90L-04-04	1/4"	9/16-18	0.25	2.32	1.25	5/8	1.81	11/16
FFX90L-06-06	3/8"	11/16-16	0.375	2.8	1.48	3/4	2.13	13/16
FFX90L-08-08	1/2"	1 3/16-16	0.5	3.17	1.61	7/8	2.50	15/16
FFX90L-12-12	3/4"	1 3/16-12	0.75	3.78	2.03	1 1/8	3.79	1 3/8

45° SAE MALE INVERTED FLARE



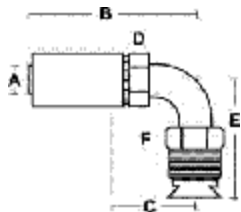
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MIX-04-03	1/4"	3/8-24	0.25					
MIX-04-04	1/4"	7/16-24	0.25	2.728	1.463	5/8	7/16	
MIX-04-05	1/4"	1/2-20	0.25	2.862	1.593	5/8	1/2	
MIX-04-06	1/4"	5/8-18	0.25	2.9	1.65	5/8	5/8	
MIX-05-05	5/16"	1/2-20	0.312	3.41	2.06	5/8	1/2	
MIX-05-06	5/16"	5/8-18	0.312	3.75	2.41	5/8	5/8	
MIX-06-05	3/8"	1/2-20	0.375	3.17	1.81	3/4	1/2	
MIX-06-06	3/8"	5/8-18	0.375	3.156	1.65	3/4	5/8	
MIX-06-07	3/8"	11/16-18	0.375	3.162	1.665	3/4	11/16	
MIX-06-08	3/8"	3/4-16	0.375	3.415	1.915	3/4	3/4	
MIX-08-08	1/2"	3/4-16	0.5	3.592	1.915	7/8	3/4	

45° SAE MALE INVERTED FLARE 45° BENT TUBE SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MIX45-04-03	1/4"	3/8-24	0.25					
MIX45-04-04	1/4"	7/16-24	0.25	2.8	1.545	5/8	0.600	7/16
MIX45-04-05	1/4"	1/2-20	0.25	2.935	1.575	5/8	0.685	1/2
MIX45-04-06	1/4"	5/8-18	0.25	3.092	1.87	5/8	0.780	5/8
MIX45-05-05	5/16"	1/2-20	0.312	4.17	2.81	5/8	0.880	1/2
MIX45-05-06	5/16"	5/8-18	0.312	4.17	2.81	5/8	0.940	5/8
MIX45-06-05	3/8"	1/2-20	0.375	3.38	2.03	3/4	0.880	1/2
MIX45-06-06	3/8"	5/8-18	0.375	3.24	1.87	3/4	0.780	5/8
MIX45-06-07	3/8"	11/16-18	0.375	3.25	1.855	3/4	0.760	11/16
MIX45-06-08	3/8"	3/4-16	0.375	3.505	2.005	3/4	0.960	3/4
MIX45-08-08	1/2"	3/4-16	0.5	3.67	2.005	7/8	0.960	3/4

45° SAE MALE INVERTED FLARE 90° BENT TUBE SWIVEL



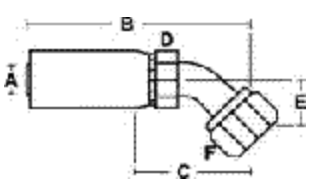
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MIX90-04-03		3/8-24	0.25					
MIX90-04-04	1/4"	7/16-24	0.25	3.28	1.94	5/8	1.47	7/16
MIX90-04-05	1/4"	1/2-20	0.25	3.52	2.16	5/8	1.66	1/2
MIX90-04-06	1/4"	5/8-18	0.25	3.5	2.16	5/8	1.69	5/8
MIX90-05-05	5/16"	1/2-20	0.312	4	2.3	5/8	1.66	1/2
MIX90-05-06	5/16"	5/8-18	0.312	4.05	2.69	5/8	1.69	5/8
MIX90-06-05	3/8"	1/2-20	0.375	3.175	1.675	3/4	1.32	1/2
MIX90-06-06	3/8"	5/8-18	0.375	2.73	1.195	3/4	1.29	5/8
MIX90-06-07	3/8"	11/16-18	0.375	2.76	1.16	3/4	1.30	11/16
MIX90-06-08	3/8"	3/4-16	0.375	2.905	1.405	3/4	0.78	3/4
MIX90-08-08	1/2"	3/4-16	0.5	3.1	1.405	7/8	0.78	3/4

Phone: 412-787-4444
sales@powertrackhose.com

Fax: 412-787-8520
www.powertrackhose.com

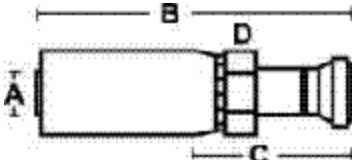
FSX45/ C61 / MW / FW / SHELL Hydraulic Hose Couplings

45° SAE FEMALE 45° SWIVEL



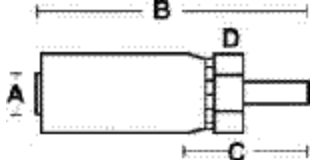
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FSX45-06-06	3/8"	5/8-18	0.375	2.99	1.44	3/4	0.40	3/4
FSX45-12-12	3/4"	1 1/16-14	0.75	4.36	2.44	1 1/8	0.92	1 1/4

CODE 61 FLANGE STRAIGHT RIGID



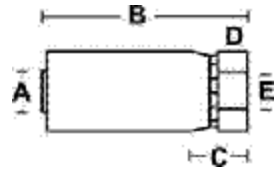
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
C61-08-08	1/2"	N/A	0.5	3	1.31	7/8		
C61-08-12	1/2"	N/A	0.5	3	1.31	7/8		
C61-12-12	3/4"	N/A	0.5	3.5	1.62	1 1/8		
C61-12-16	3/4"	N/A	0.75	3.5	1.62	1 1/8		
C61-16-16	1"	N/A	1	3.5	1.22	1 1/8		
C61-16-20	1"	N/A	1					

STAND TUBE RIGID



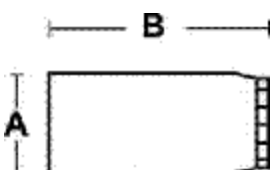
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MW-04-04	1/4"	N/A	0.25	2.72	1.465	5/8	1/4	
MW-04-05	1/4"	N/A	0.25	2.832	1.577	5/8	5/16	
MW-04-06	1/4"	N/A	0.25	2.91	1.655	5/8	3/8	
MW-06-06	3/8"	N/A	0.375	3.155	1.655	3/4	3/8	
MW-06-08	3/8"	N/A	0.375	3.42	1.92	3/4	1/2	
MW-08-08	1/2"	N/A	0.5	3.608	1.92	7/8	1/2	
MW-08-10	1/2"	N/A	0.5	3.821	2.13	7/8	5/8	
MW-12-12	3/4"	N/A	0.75	4.855	2.975	1 1/8	3/4	
MW-16-16	1"	N/A	1	5.365	3.025	1 3/8	1"	

FEMALE WELD FITTING RIGID



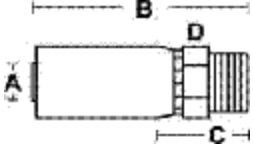
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FW-04-04	1/4"	N/A	0.25	1.88	0.625	5/8	1/4	
FW-04-05	1/4"	N/A	0.25	1.88	0.625	5/8	5/16	
FW-04-06	1/4"	N/A	0.25	1.88	0.625	5/8	3/8	
FW-06-06	3/8"	N/A	0.375	2.125	0.625	3/4	3/8	
FW-06-08	3/8"	N/A	0.375	2.125	0.625	3/4	1/2	
FW-08-08	1/2"	N/A	0.5	2.315	0.625	7/8	1/2	
FW-12-12	3/4"	N/A	0.75	2.63	0.75	1 1/8	3/4	
FW-16-16	1"	N/A	1	3.09	0.81	1 3/8	1"	

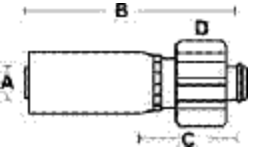
SHELL ONLY

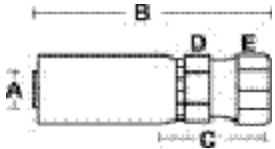


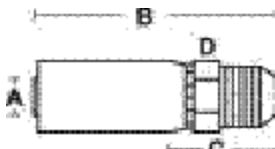
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
SHELL-4	1/4"	N/A	3/4	1.495				
SHELL-6	3/8"	N/A	0.900	1.680				
SHELL-8	1/2"	N/A	1 1/16	1.870				
SHELL-10	5/8"	N/A	1 1/4	2.062				
SHELL-12	3/4"	N/A	1 3/8	2.025				
SHELL-16	1"	N/A	1 11/16	2.570				

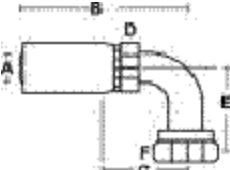
MT / KAR / FSX / MS / FSX90 Hydraulic Hose Couplings

FLARELESS COMPRESSION WITH NUT AND SLEEVE PER SAE J514	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	MT-04-04	1/4"	1/2-20	0.25	0.939	5/8			
	MT-04-05	1/4"	9/16-18	0.25	0.939	5/8			
	MT-06-05	3/8"	9/16-18	0.375	0.939	3/4			
	MT-06-06	3/8"	5/8-18	0.375	0.939	3/4			
	MT-06-08	3/8"	3/4-16	0.375	1.079	3/4			
	MT-08-08	1/2"	3/4-16	0.5	1.079	3/4			
	MT-08-10	1/2"	15/16-16	0.5	1.142	15/16			
MT-08-10	3/4"	1 1/16-16	0.75	1.265	1 1/4				

KARCHER PRESSURE WASH FEMALE SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	KAR-04-22	1/4"	M22 X 1.5	0.25	2.572	1.260	3/4		
	KAR-06-22	3/8"	M22 X 1.5	0.375	2.760	1.260	3/4		

45° SAE FEMALE SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	FSX-04-06	1/4"	5/8-18	0.25	2.630	1.375	11/16	13/16	
	FSX-06-06	3/8"	5/8-18	0.375	2.844	1.344	3/4	13/16	
	FSX-12-12	3/4"	1 1/16-14	0.75	3.474	1.594	1 1/8	1 1/4	

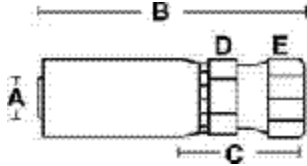
45° SAE MALE RIGID	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	MS-06-06	3/8"	5/8-18	0.375	2.724	1.224	3/4		
	MS12-12	3/4"	1 1/16-14	0.75	3.530	1.650	1 1/8		

45° SAE FEMALE 90° SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	FSX90-06-06	3/8"	5/8-18	0.375	2.78	0.96	3/4	1.00	3/4
	FSX90-12-12	3/4"	1 1/16-14	0.75	4.05	1.87	1 1/8	2.27	1 1/4

Metric Hose Couplings

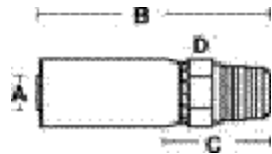
METRIC HOSE COUPLINGS

BRITISH STANDARD PIPE
60 CONE FEMALE SWIVEL



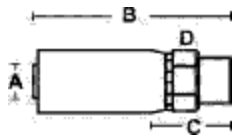
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
F-BSPX-04-04	1/4"	1/4-19	0.25	2.461	1.206	5/8	3/4	
F-BSPX-06-06	3/8"	3/8-19	0.375	2.688	1.188	3/4	7/8	
F-BSPX-06-08	3/8"	1/2-14	0.375	2.838	1.338	7/8	1"	
F-BSPX-08-08	1/2"	1/2-14	0.5	3.028	1.338	1"	1"	
F-BSPX-10-10	5/8"	5/8-14	0.625					
F-BSPX-12-12	3/4"	3/4-14	0.75	3.474	1.594	1 1/8	1 1/4	
F-BSPX-16-16	1"	1-11	1	3.999	1.719	1 3/8	1 1/2	

BRITISH STANDARD PIPE
60 CONE MALE RIGID



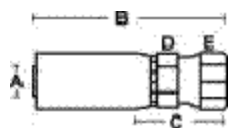
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
M-BSPT-04-04	1/4"	1/4-19	0.25	2.315	1.060	11/16		
M-BSPT-06-06	3/8"	3/8-19	0.375	2.650	1.150	3/4		
M-BSPT-08-08	1/2"	1/2-14	0.5	3.100	1.412	7/8		
M-BSPT-12-12	3/4"	3/4-14	0.75	3.290	1.140	1 1/8		
M-BSPT-16-16	1"	1-11	1	3.930	1.650	1 3/8		

BRITISH PARALLEL PIPE
60 CONE RIGID



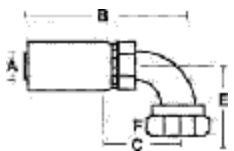
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
M-BSPP-04-04	1/4"	1/4-19	0.25	2.400	1.145	13/16		
M-BSPP-06-06	3/8"	3/8-19	0.375	2.700	1.200	7/8		
M-BSPP-08-08	1/2"	1/2-14	0.5	3.010	1.322	1 1/16		

BRITISH FLAT FACE SEAT
FEMALE SWIVEL



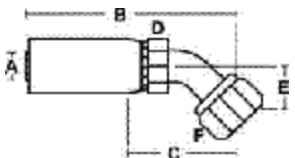
Part Number	Hose I.D.	Thread	A	B	C	D	E	F
F-BFPX-06-06	3/8"	3/8-19	0.375					
F-BFPX-06-08	3/8"	1/2-14	0.375					
F-BFPX-08-08	1/2"	1/2-14	0.5					

BRITISH STANDARD PIPE
60 CONE
90° TUBE FEMALE SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
F-BSPX90-04-04	1/4"	1/4-19	0.25	2.37	1.16	5/8	0.98	3/4
F-BSPX90-06-06	3/8"	3/8-19	0.375	2.712	0.88	3/4	1.30	7/8
F-BSPX90-08-08	1/2"	1/2-14	0.5	2.1	1.63	7/8	1.62	1"
F-BSPX90-10-10	5/8"	5/8-14	0.625					
F-BSPX90-12-12	3/4"	3/4-14	0.75	3.965	2.57	1 1/8	1.66	1 1/4
F-BSPX90-16-16	1"	1-11	1	5.385	3.105	1 3/8	2.96	1 1/2

BRITISH STANDARD PIPE
60 CONE
45° TUBE FEMALE SWIVEL



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
F-BSPX45-04-04	1/4"	1/4-19	0.25	2.75	2.025	3/4	0.44	3/4
F-BSPX45-06-06	3/8"	3/8-19	0.375	3.15	2.18	3/4	0.56	7/8
F-BSPX45-08-08	1/2"	1/2-14	0.5	2.32	2.305	7/8	0.98	1"
F-BSPX45-10-10	5/8"	5/8-14	0.625					
F-BSPX45-12-12	3/4"	3/4-14	0.75	4.94	3.32	1 1/8	1.76	1 1/4
F-BSPX45-16-16	1"	1-11	1	5.51	3.23	1 3/8	1.31	1 1/2

Metric Hose Couplings

DIN HEAVY UNIVERSAL SEAT MALE RIGID		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	M-DINHX-04-18	1/4"	M18 X 1.5	0.25						
	M-DINHX-06-22	3/8"	M22 X 1.5	0.375						
	M-DINHX-08-24	1/2"	M24 X 1.5	0.5						
	M-DINHX-10-30	5/8"	M30 X 2.0	0.625						
	M-DINHX-12-36	3/4"	M36 X 2.0	0.75						
	M-DINHX-16-42	1"	M36 X 2.0	1						

DIN HEAVY UNIVERSAL SEAT 90° TUBE FEMALE SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-DINHX90-04-18	1/4"	M16 X 1.5	0.25						
	F-DINHX90-06-22	3/8"	M22 X 1.5	0.375						
	F-DINHX90-08-24	1/2"	M24 X 1.5	0.5						
	F-DINHX90-10-30	5/8"	M30 X 2.0	0.625						
	F-DINHX90-12-36	3/4"	M36 X 2.0	0.75						
	F-DINHX90-16-42	1"	M36 X 2.0	1						

DIN HEAVY UNIVERSAL SEAT 45° TUBE FEMALE SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-DINHX45-04-18	1/4"	M16 X 1.5	0.25						
	F-DINHX45-06-22	3/8"	M22 X 1.5	0.375						
	F-DINHX45-08-24	1/2"	M24 X 1.5	0.5						
	F-DINHX45-10-30	5/8"	M30 X 2.0	0.625						
	F-DINHX45-12-36	3/4"	M36 X 2.0	0.75						
	F-DINHX45-16-42	1"	M42 X 2.0	1						

J.I.S. 30° FEMALE SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-JISX-04-04	1/4"	1/4-19	0.25	2.575	1.320	5/8	3/4		
	F-JISX-06-06	3/8"	3/8-19	0.375	2.910	1.410	3/4	7/8		
	F-JISX-08-08	1/2"	1/2-14	0.5						
	F-JISX-12-12	3/4"	3/4-14	0.75						
	F-JISX-16-16	1"	1-11	1						

KOMATSU J.I.S. 30 SEAT FEMALE SWIVEL		Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-KOMX-04-14	1/4"	M14 X 1.5	0.25						
	F-KOMX-06-18	3/8"	M18 X 1.5	0.375						
	F-KOMX-08-22	1/2"	M22 X 1.5	0.5						
	F-KOMX-10-24	5/8"	M24 X 1.5	0.625						
	F-KOMX-12-30	3/4"	M30 X 1.5	0.75						
	F-KOMX-16-33	1"	M33 X 1.5	1						

Metric Hose Couplings

METRIC O.D. STAND TUBE RIGID	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	MMSP-04-06	1/4"	N/A	0.25	3.010	1.660	5/8	6MM	
	MMSP-04-08	1/4"	N/A	0.25	3.090	1.720	5/8	8MM	
	MMSP-04-10	1/4"	N/A	0.25	3.160	1.810	5/8	10MM	
	MMSP-05-10	5/16"	N/A	0.312	3.200	1.840		10MM	
	MMSP-05-12	5/16"	N/A	0.312	3.230	1.880		12MM	
	MMSP-06-10	3/8"	N/A	0.375	3.180	1.810	3/4	10MM	
	MMSP-06-12	3/8"	N/A	0.375	3.220	1.800	3/4	12MM	
	MMSP-06-14	3/8"	N/A	0.375	3.300	1.940	7/8	14MM	
	MMSP-08-15	1/2"	N/A	0.5	3.330	1.970	7/8	15MM	
	MMSP-08-16	1/2"	N/A	0.5	3.530	2.160	7/8	16MM	
	MMSP-08-18	1/2"	N/A	0.5	3.330	1.970	1"	18MM	
	MMSP-10-18	5/8"	N/A	0.625	3.340	1.970	1 1/8	18MM	
	MMSP-10-20	5/8"	N/A	0.625	3.620	2.220	1 1/8	20MM	
	MMSP-12-20	3/4"	N/A	0.75	3.750	2.120	1 1/8	20MM	
	MMSP-12-22	3/4"	N/A	0.75	3.400	1.880	1 1/4	22MM	
	MMSP-12-25	3/4"	N/A	0.75	3.790	2.220	1 3/8	25MM	
MMSP-16-25	1"	N/A	1	4.060	2.440	1 3/8	25MM		
MMSP-16-28	1"	N/A	1	3.720	2.090	1 3/8	28MM		
MMSP-16-30	1"	N/A	1	4.150	2.530	1 1/2	30MM		

METRIC O.D. STAND PIPE 45° TUBE	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	MMSP45-04-06	1/4"	N/A	0.25	3.400	2.060	5/8	0.66	6MM
	MMSP45-04-08	1/4"	N/A	0.25	3.540	2.190	5/8	0.75	8MM
	MMSP45-04-10	1/4"	N/A	0.25	3.680	2.310	5/8	0.84	10MM
	MMSP45-05-10	5/16"	N/A	0.312	3.710	2.340		0.84	10MM
	MMSP45-05-12	5/16"	N/A	0.312	3.950	2.590		0.90	12MM
	MMSP45-06-10	3/8"	N/A	0.375	3.690	2.340	3/4	0.84	10MM
	MMSP45-06-12	3/8"	N/A	0.375	3.930	2.560	3/4	0.90	12MM
	MMSP45-06-14	3/8"	N/A	0.375	4.070	2.720	7/8	0.99	14MM
	MMSP45-08-15	1/2"	N/A	0.5	4.180	2.810	7/8	0.96	15MM
	MMSP45-08-16	1/2"	N/A	0.5	4.350	2.000	7/8	1.11	16MM
	MMSP45-08-18	1/2"	N/A	0.5	4.540	2.940	1"	1.01	18MM
	MMSP45-10-18	5/8"	N/A	0.625	4.310	2.940	1 1/8	1.01	18MM
	MMSP45-10-20	5/8"	N/A	0.625	4.580	3.190	1 1/8	1.24	20MM
	MMSP45-12-20	3/4"	N/A	0.75	4.580	3.190	1 1/8	1.24	20MM
	MMSP45-12-22	3/4"	N/A	0.75	4.570	3.000	1 1/4	1.08	22MM
	MMSP45-12-25	3/4"	N/A	0.75	4.960	3.380	1 3/8	1.38	25MM
MMSP45-16-25	1"	N/A	1	5.420	3.380	1 3/8	1.38	25MM	
MMSP45-16-28	1"	N/A	1	5.220	3.590	1 3/8	1.18	28MM	
MMSP45-16-30	1"	N/A	1	5.610	4.000	1 1/2	1.52	30MM	

Metric Hose Couplings

DIN LIGHT UNIVERSAL SEAT FEMALE SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-DINLX-04-14	1/4"	M14 X 1.5	0.25					
	F-DINLX-04-16	1/4"	M16 X 1.5	0.25					
	F-DINLX-06-18	3/8"	M18 X 1.5	0.375					
	F-DINLX-08-22	1/2"	M22 X 1.5	0.5					
	F-DINLX-10-26	5/8"	M26 X 1.5	0.625					
	F-DINLX-12-30	3/4"	M30 X 2.0	0.75					
	F-DINLX-16-36	1"	M36 X 2.0	1					

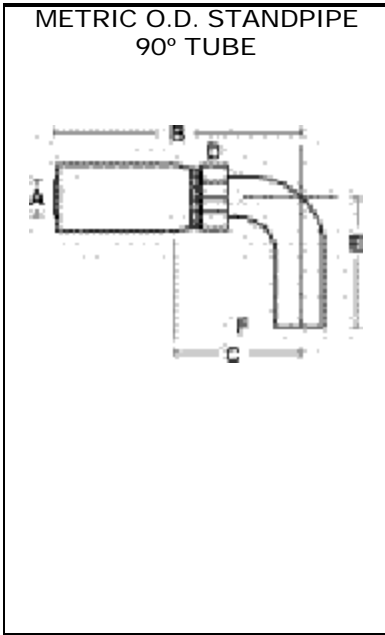
DIN LIGHT UNIVERSAL SEAT MALE RIGID	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	M-DINLX-04-14	1/4"	M14 X 1.5	0.25					
	M-DINLX-04-16	1/4"	M16 X 1.5	0.25					
	M-DINLX-06-18	3/8"	M18 X 1.5	0.375					
	M-DINLX-08-22	1/2"	M22 X 1.5	0.5					
	M-DINLX-10-26	5/8"	M26 X 1.5	0.625					
	M-DINLX-12-30	3/4"	M30 X 2.0	0.75					
	M-DINLX-16-36	1"	M36 X 2.0	1					

DIN LIGHT UNIVERSAL SEAT 90° TUBE FEMALE SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-DINLX90-04-16	1/4"	M16 X 1.5	0.25					
	F-DINLX90-06-18	3/8"	M18 X 1.5	0.375					
	F-DINLX90-08-22	1/2"	M22 X 1.5	0.5					
	F-DINLX90-10-26	5/8"	M26 X 1.5	0.625					
	F-DINLX90-12-30	3/4"	M30 X 2.0	0.75					
	F-DINLX90-16-36	1"	M36 X 2.0	1					

DIN LIGHT UNIVERSAL SEAT 45° TUBE FEMALE SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-DINLX45-04-16	1/4"	M16 X 1.5	0.25					
	F-DINLX45-06-18	3/8"	M18 X 1.5	0.375					
	F-DINLX45-08-22	1/2"	M22 X 1.5	0.5					
	F-DINLX45-10-26	5/8"	M26 X 1.5	0.625					
	F-DINLX45-12-30	3/4"	M30 X 2.0	0.75					
	F-DINLX45-16-36	1"	M36 X 2.0	1					

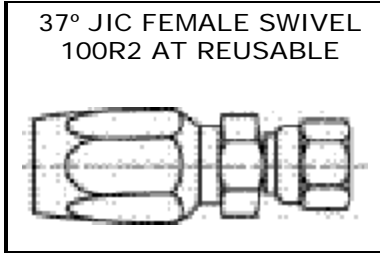
DIN HEAVY UNIVERSAL SEAT FEMALE SWIVEL	Part Number	Hose I.D.	Thread	A	B	C	D	E	F
	F-DINHX-04-18	1/4"	M18 X 1.5	0.25					
	F-DINHX-06-22	3/8"	M22 X 1.5	0.375					
	F-DINHX-08-24	1/2"	M24 X 1.5	0.5					
	F-DINHX-10-30	5/8"	M30 X 2.0	0.625					
	F-DINHX-12-36	3/4"	M36 X 2.0	0.75					
F-DINHX-16-42	1"	M42 X 2.0	1						

Metric Hose Couplings

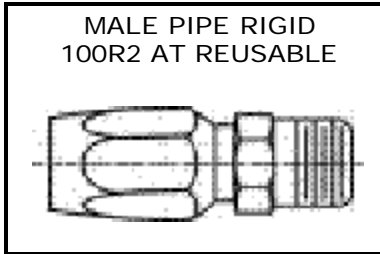


Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MMSP90-04-06	1/4"	N/A	0.25	2.950	1.590	5/8	1.14	6MM
MMSP90-04-08	1/4"	N/A	0.25	3.070	1.720	5/8	1.34	8MM
MMSP90-04-10	1/4"	N/A	0.25	3.180	1.840	5/8	1.54	10MM
MMSP90-05-10	5/16"	N/A	0.312	3.220	1.880		1.54	10MM
MMSP90-05-12	5/16"	N/A	0.312	3.460	2.090		1.69	12MM
MMSP90-06-10	3/8"	N/A	0.375	3.200	1.830	3/4	1.54	10MM
MMSP90-06-12	3/8"	N/A	0.375	3.440	2.090	3/4	1.69	12MM
MMSP90-06-14	3/8"	N/A	0.375	3.560	2.220	7/8	1.89	14MM
MMSP90-08-15	1/2"	N/A	0.5	3.750	2.410	7/8	1.89	15MM
MMSP90-08-16	1/2"	N/A	0.5	3.790	2.440	7/8	2.13	16MM
MMSP90-08-18	1/2"	N/A	0.5	3.720	2.530	1"	2.05	18MM
MMSP90-10-18	5/8"	N/A	0.625	3.920	2.530	1 1/8	2.05	18MM
MMSP90-10-20	5/8"	N/A	0.625	4.040	2.660	1 1/8	2.44	20MM
MMSP90-12-20	3/4"	N/A	0.75	4.040	2.660	1 1/8	2.44	20MM
MMSP90-12-22	3/4"	N/A	0.75	4.250	2.690	1 1/4	2.28	22MM
MMSP90-12-25	3/4"	N/A	0.75	4.450	2.880	1 3/8	2.84	25MM
MMSP90-16-25	1"	N/A	1	4.910	2.880	1 3/8	2.84	25MM
MMSP90-16-28	1"	N/A	1	5.010	3.410	1 3/8	2.64	28MM
MMSP90-16-30	1"	N/A	1	5.130	3.500	1 1/2	3.19	30MM

R2 Reusable Couplings



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
FJX-04-04-R2R	1/4"	7/16-20	0.250					
FJX-06-06-R2R	3/8"	9/16-18	0.375					
FJX-06-08-R2R	3/8"	3/4-16	0.375					
FJX-08-08-R2R	1/2"	3/4-16	0.500					
FJX-12-12-R2R	1/2"	9/16-18	0.500					
FJX-16-16-R2R	1"	1 5/16-12	1.000					



Part Number	Hose I.D.	Thread	A	B	C	D	E	F
MP-04-04-R2R	1/4"	1/4-18	0.250					
MP-06-06-R2R	3/8"	3/8-18	0.375					
MP-06-08-R2R	3/8"	1/2-14	0.375					
MP-08-08-R2R	1/2"	1/2-14	0.500					
MP-12-12-R2R	1/2"	3/4-14	0.500					
MP-16-16-R2R	1"	1 1/2	1.000					



Wire Braid Reinforced Hose

Hydraulic Hose

Suction Hose

Hydraulic Hose Couplings

Metric Hose Couplings

R2 Reusable Hose Couplings

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