LOW PRESSURE HYDRAULIC HOSE

DR6 - SAE 100R6

Recommended Coupling Styles: DC
Special Notes:
Used For: Low pressure hydraulic lines, flexible fuel lines, power steering return lines and lubrication lines.
Temperature Range: -40° F to +250° F
Reinforcement: One textile braid
Tube: Nitrile
Cover: Neoprene - MSHA approved
Working Pressures: Up to 400 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	010004	DR604-50	A604-50	Box	1/4	.50	400	1,600	2.5
	010005	DR605-50	A605-50	Box	5/16	.56	400	1,600	3.0
	010006	DR606-50	A606-50	Box	3/8	.63	400	1,600	3.0
	010008	DR608-50	A608-50	Box	1/2	.78	400	1,600	4.0
	010010	DR610-50	A610-50	Box	5/8	.91	350	1,400	5.0
	010012	DR612-50	A612-50	Box	3/4	1.06	300	1,200	6.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

LOW PRESSURE HYDRAULIC HOSE

DB7 - PUSH-ON HOSE - RUBBER COVER

Recommended Coupling Styles: PO, BI, DC

Special Notes: Do not exceed 250 PSI working pressure when using KA/PO style push-on couplings. Only applies to -4.

Used For: Low pressure transmissions of oil, air, water, coolants, etc.. Should not be used on impulse applications.

Temperature Range: -40° F to +212° F

Reinforcement: One textile braid on all sizes

Tube: Nitrile

Cover: Black oil and weather resistant synthetic rubber - MSHA approved.

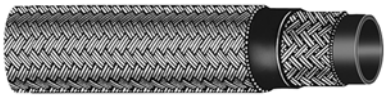
Working Pressures: Up to 375 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	011904	DB704-50	B704-50	Box	1/4	.50	375	1,500	3.0
	011905	DB705-50	B705-50	Box	5/16	.56	300	1,200	3.0
	011906	DB706-50	B706-50	Box	3/8	.62	300	1,200	3.0
	011908	DB708-50	B708-50	Box	1/2	.75	300	1,200	5.0
	011910	DB710-50	B710-50	Box	5/8	.91	300	1,200	6.0
	011912	DB712-50	B712-50	Box	3/4	1.03	300	1,200	7.0
	011954	DB704-650	B704-650	Reel	1/4	.50	375	1,500	3.0
	011955	DB705-650	B705-650	Reel	5/16	.56	300	1,200	3.0
	011956	DB706-650	B706-650	Reel	3/8	.62	300	1,200	3.0
	011958	DB708-650	B708-650	Reel	1/2	.75	300	1,200	5.0
	011960	DB710-650	B710-650	Reel	5/8	.91	300	1,200	6.0
	011962	DB712-400	B712-400	Reel	3/4	1.03	300	1,200	7.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

LOW PRESSURE HYDRAULIC HOSE

DTC - Push-On Hose - Fabric Cover

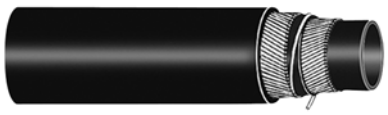


Recommended Coupling Styles: PO, BI
Special Notes:
Used For: Low pressure transmissions of oil, air, water, coolants, etc.. Where operating pressures do not exceed 300 PSI. Should not be used on impulse applications.
Temperature Range: -40° F to +200° F, -40° F to +160° F (for gaseous applications)
Reinforcement: One textile braid
Tube: Nitrile
Cover: Impregnated textile braid, oil and mildew resistant
Working Pressures: Up to 250 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	012004	DTC04-50	TC404-50	Box	1/4	.50	250	1,000	3.0
	012006	DTC06-50	TC406-50	Box	3/8	.63	250	1,000	3.0
	012008	DTC08-50	TC408-50	Box	1/2	.75	250	1,000	5.0
	012010	DTC10-50	TC410-50	Box	5/8	.91	250	1,000	6.0
	012012	DTC12-50	TC412-50	Box	3/4	1.03	250	1,000	7.0
	012036	DTC06-500	TC406-500	Reel	3/8	.63	250	1,000	3.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

DR4 - SAE 100R4



Recommended Coupling Styles: DC, PG
Special Notes: -24 and -32 use PG/BW couplings only.
Used For: Suction or return line on hydraulic systems. Vacuum 25 inches Hg.
Temperature Range: -40° F to +250° F
Reinforcement: Textile with helix wire - Extremely Flexible
Tube: Nitrile
Cover: Oil and Weather resistant Synthetic rubber - MSHA approved
Working Pressures: Up to 300 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	011312	DR412-50	U412-50	Box	3/4	1.23	300	1,200	3.0
	011316	DR416-50	U416-50	Box	1	1.48	250	1,000	4.0
	011320	DR420-50	U420-50	Box	1 1/4	1.77	200	800	5.0
	011324	DR424-50	U424-50	Box	1 1/2	2.05	150	600	7.0
	011332	DR432-50	U432-50	Box	2	2.50	100	400	10.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

MEDIUM PRESSURE HYDRAULIC HOSE

DR1 - SAE 100R1AT

Recommended Coupling Styles: DC, PG
Special Notes:
Used For: Medium pressure hydraulic lines on mobile equipment, machine tools and farm machinery.
Temperature Range: -40° F to +212° F
Reinforcement: One braid of high tensile steel wire
Tube: Oil resistant synthetic rubber
Cover: Oil and weather resistant synthetic rubber
Working Pressures: Up to 2,750 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	012704	DR104-50	MX04-50	Box	1/4	.53	2,750	11,000	4.0
D	012705	DR105-50	MX05-50	Box	5/16	.59	2,500	10,000	4.5
	012706	DR106-50	MX06-50	Box	3/8	.69	2,250	9,000	5.0
	012708	DR108-50	MX08-50	Box	1/2	.81	2,000	8,000	7.0
	012710	DR110-50	MX10-50	Box	5/8	.94	1,500	6,000	8.0
	012712	DR112-50	MX12-50	Box	3/4	1.09	1,250	5,000	9.5
	012716	DR116-50	MX16-50	Box	1	1.44	1,000	4,000	12.0
	012754	DR104-500	MX04-300	Reel	1/4	.53	2,750	11,000	4.0
	012756	DR106-500	MX06-250	Reel	3/8	.69	2,250	9,000	5.0
	012758	DR108-350	MX08-200	Reel	1/2	.81	2,000	8,000	7.0
	012762	DR112-500	MX12-200	Reel	3/4	1.09	1,250	5,000	9.5

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

MEDIUM PRESSURE HYDRAULIC HOSE

DR17 - Exceeds SAE100R17

Recommended Coupling Styles: DC, PG
Special Notes: -16 use PG16 only
Used For: Timber processing and handling, agricultural and construction industries requiring an extra tough rubber cover for abrasion resistant applications.
Temperature Range: -40° F to +250° F
Reinforcement: One braid of high tensile steel wire on sizes 4 - 8. Two braids of high tensile steel wire on sizes 10 - 16.
Tube: Oil resistant synthetic rubber
Cover: Oil and abrasion resistant synthetic rubber
Working Pressures: Up to 3,000 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	014704	DR1704-50	AM04-50	Box	1/4	.50	3,000	12,000	1.5
	014706	DR1706-50	AM06-50	Box	3/8	.63	3,000	12,000	2.0
	014708	DR1708-50	AM08-50	Box	1/2	.78	3,000	12,000	3.5
	014710	DR1710-50	AM10-50	Box	5/8	.93	3,000	12,000	4.0
	014712	DR1712-50	AM12-50	Box	3/4	1.14	3,000	12,000	4.8
	014716	DR1716-50	AM16-50	Box	1	1.48	3,000	12,000	6.0
	014754	DR1704-500	AM04-300	Reel	1/4	.50	3,000	12,000	1.5
	014756	DR1706-500	AM06-300	Reel	3/8	.63	3,000	12,000	2.0
	014758	DR1708-350	AM08-300	Reel	1/2	.78	3,000	12,000	3.5
	014760	DR1710-520	AM10-300	Reel	5/8	.93	3,000	12,000	4.0
	014762	DR1712-400	AM12-300	Reel	3/4	1.14	3,000	12,000	4.8
	014766	DR1716-200	AM16-300	Reel	1	1.48	3,000	12,000	6.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

MEDIUM PRESSURE HYDRAULIC HOSE

DGL - SAE J1402 TYPE A1 AND DOT FMVSS 106

Recommended Coupling Styles: GL, DC
Special Notes:
Used For: High temperature truck and bus applications, diesel fuel, gasoline, hot oil, air brakes and hydraulic.
Temperature Range: -40° F to +300° F
Reinforcement: Textile inner braid and a high tensile steel wire braid.
Tube: Chorinated Polyethylene
Cover: Oil and mildew resistant black textile braid.
Working Pressures: Up to 1,500 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	030004	DGL04-50	GL04-50	Box	3/16	.49	1,500	6,000	3.0
	030005	DGL05-50	GL05-50	Box	1/4	.55	1,500	6,000	3.4
	030006	DGL06-50	GL06-50	Box	5/16	.62	1,500	6,000	4.0
	030008	DGL08-50	GL08-50	Box	13/32	.74	1,250	5,000	4.6
	030010	DGL10-50	GL10-50	Box	1/2	.83	1,000	4,000	5.5
	030012	DGL12-50	GL12-50	Box	5/8	.96	750	3,000	6.5
	030016	DGL16-50	GL16-50	Box	7/8	1.21	400	1,600	7.4
	030020	DGL20-50	GL20-50	Box	1 1/8	1.49	300	1,250	9.0
	030054	DGL04	GL04	Reel	3/16	.49	1,500	6,000	3.0
	030055	DGL05	GL05	Reel	1/4	.55	1,500	6,000	3.4
	030056	DGL06	GL06	Reel	5/16	.62	1,500	6,000	4.0
	030058	DGL08	GL08	Reel	13/32	.74	1,250	5,000	4.6
	030060	DGL10	GL10	Reel	1/2	.83	1,000	4,000	5.5
	030062	DGL12	GL12	Reel	5/8	.96	750	3,000	6.5
	030066	DGL16	GL16	Reel	7/8	1.21	400	1,600	7.4

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

MEDIUM PRESSURE HYDRAULIC HOSE

DR7 - SAE 100R7 Conductive Hose

Recommended Coupling Styles: DC
Special Notes:
Used For: Medium pressure hydraulic systems which require a thermoplastic tube.
Temperature Range: -40° F to +200° F
Reinforcement: One braid of polyester fiber.
Tube: Oil resistant thermoplastic.
Cover: Black abrasion resistant polyurethane (pin-pricked)
Working Pressures: Up to 2,750 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	013504	DR704-50	NR704-50	Box	1/4	.50	2,750	11,000	1.3
	013505	DR705-50	NR705-50	Box	5/16	.58	2,500	10,000	1.8
	013506	DR706-50	NR706-50	Box	3/8	.65	2,250	9,000	2.0
	013508	DR708-50	NR708-50	Box	1/2	.82	2,000	8,000	3.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

MEDIUM PRESSURE HYDRAULIC HOSE

DR7E - SAE 100R7 Non Conductive Hose

Recommended Coupling Styles: DC
Special Notes:
Used For: Medium pressure hydraulic systems which require a non-conductive hose and an thermoplastic tube.
Temperature Range: -40° F to +200° F
Reinforcement: One braid of polyester fiber
Tube: Oil resistant thermoplastic
Cover: Orange abrasion resistant polyurethane (Non-pin-pricked)
Working Pressures: Up to 2,750 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	013604	DR7E04-50	NR7E04-50	Box	1/4	.50	2,750	11,000	1.3
	013605	DR7E05-50	NR7E05-50	Box	5/16	.58	2,500	10,000	1.8
	013606	DR7E06-50	NR7E06-50	Box	3/8	.65	2,250	9,000	2.0
	013608	DR7E08-50	NR7E08-50	Box	1/2	.82	2,000	8,000	3.0
	013612	DR7E12-50	NR7E12-50	Box	3/4	1.11	1,250	5,000	5.0
	013616	DR7E16-50	NR7E16-50	Box	1	1.38	1,000	4,000	8.0
	013654	DR7E04-250	NR7E04-250	Reel	1/4	.50	2,750	11,000	1.3
	013656	DR7E06-250	NR7E06-250	Reel	3/8	.65	2,250	9,000	2.0
	013658	DR7E08-250	NR7E08-250	Reel	1/2	.82	2,000	8,000	3.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

MEDIUM PRESSURE HYDRAULIC HOSE

DR14 - SAE 100R14A

Recommended Coupling Styles: 91N
Special Notes:
Used For: Corrosive and/or high temperature fluids NOT recommended for fuel applications.
Temperature Range: -65° F to +450° F For steam, the maximum operating pressure is 200 PSI at 388° F
Reinforcement:
Tube: White extruded Teflon smooth bore. Meets FDA requirements
Cover: One braid of high tensile stainless steel wire
Working Pressures: Up to 1,500 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	014904	DR1404-50	T104-50	Box	3/16	.30	1,500	10,000	2.0
	014905	DR1405-50	T105-50	Box	1/4	.37	1,500	9,000	3.0
	014906	DR1406-50	T106-50	Box	5/16	.43	1,500	8,000	4.0
	014908	DR1408-50	T108-50	Box	13/32	.54	1,000	6,000	5.3
	014910	DR1410-50	T110-50	Box	1/2	.63	800	6,000	6.5
	014912	DR1412-50	T112-50	Box	5/8	.76	800	5,000	7.8

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

MEDIUM PRESSURE HYDRAULIC HOSE

DR5 - SAE 100R5, SAE J1402 TYPE AII and DOT FMVSS-106

Recommended Coupling Styles: DC, BN/DN

Special Notes:

Used For: High temperature, medium pressure hydraulic applications on material handling equipment, off-the-road equipment, machine tools and other air, water or oil service.

Temperature Range: -40° F to +212° F Intermittent to 300° F (Continuous use at maximum temperature and maximum operating pressure will affect service life)

Reinforcement: One textile braid and one braid of high tensile steel wire.

Tube: Oil resistant synthetic rubber

Cover: Impregnated textile braid, oil and mildew resistant

Working Pressures: Up to 3,000 PSI

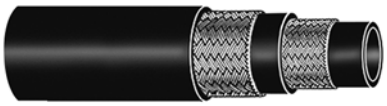
	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	010804	DR504-50	Y904-50	Box	3/16	.52	3,000	12,000	3.0
	010805	DR505-50	Y905-50	Box	1/4	.58	3,000	12,000	3.4
	010806	DR506-50	Y906-50	Box	5/16	.68	2,250	9,000	4.0
	010808	DR508-50	Y908-50	Box	13/32	.77	2,000	8,000	4.6
	010810	DR510-50	Y910-50	Box	1/2	.92	1,750	7,000	5.5
	010812	DR512-50	Y912-50	Box	5/8	1.08	1,500	6,000	6.5
	010816	DR516-50	Y916-50	Box	7/8	1.23	800	3,000	7.4
	010820	DR520-50	Y920-50	Box	1 1/8	1.50	625	2,500	9.0
	010854	DR504	Y904	Reel	3/16	.52	3,000	12,000	3.0
	010855	DR505	Y905	Reel	1/4	.58	3,000	12,000	3.4
	010856	DR506	Y906	Reel	5/16	.68	2,250	9,000	4.0
	010858	DR508	Y908	Reel	13/32	.77	2,000	8,000	4.6
	010860	DR510	Y910	Reel	1/2	.92	1,750	7,000	5.5
	010862	DR512	Y912	Reel	5/8	1.08	1,500	6,000	6.5
	010866	DR516	Y916	Reel	7/8	1.23	800	3,000	7.4

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

D - Discontinued O - Obsolete

HIGH PRESSURE HYDRAULIC HOSE

DR2 - SAE 100R2AT



Recommended Coupling Styles: DC, PG
Special Notes:
Used For: High pressure hydraulic lines on off-the-road construction equipment, machine tools, farm and marine equipment.
Temperature Range: -40° F to +212° F
Reinforcement: Two braids of high tensile steel wire
Tube: Oil resistant synthetic rubber
Cover: Oil and weather resistant black synthetic rubber
Working Pressures: Up to 5,000 PSI

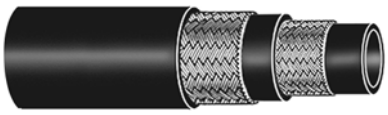
	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	010204	DR204-50	BXX04-50	Box	1/4	.59	5,000	20,000	2.0
	010206	DR206-50	BXX06-50	Box	3/8	.74	4,000	16,000	2.5
	010208	DR208-50	BXX08-50	Box	1/2	.87	3,500	14,000	3.5
	010210	DR210-50	BXX10-50	Box	5/8	1.00	2,750	11,000	4.0
	010212	DR212-50	BXX12-50	Box	3/4	1.15	2,250	9,000	4.8
	010216	DR216-50	BXX16-50	Box	1	1.49	2,000	8,000	6.0
	010220	DR220-50	BXX20-100	Box	1 1/4	1.88	1,625	6,500	16.5
	010224	DR224-50	BXX24-100	Box	1 1/2	2.13	1,250	5,000	20.5
	010232	DR232-50	BXX32-50	Box	2	2.63	1,125	4,500	25.0
	010254	DR204-500	BXX04-300	Reel	1/4	.59	5,000	20,000	2.0
	010256	DR206-450	BXX06-300	Reel	3/8	.74	4,000	16,000	2.5
	010258	DR208-320	BXX08-300	Reel	1/2	.87	3,500	14,000	3.5
	010260	DR210-520	BXX10-200	Reel	5/8	1.00	2,750	11,000	4.0
	010262	DR212-400	BXX12-200	Reel	3/4	1.15	2,250	9,000	4.8
	010266	DR216-200	BXX16-250	Reel	1	1.49	2,000	8,000	6.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

O - Obsolete

HIGH PRESSURE HYDRAULIC HOSE

DR16 - SAE 100R16



Recommended Coupling Styles: DC, PG
Special Notes:
Used For: Used as a replacement for SAE 100R2 high pressure hydraulic lines on off-the-road construction equipment, machine tools and mining equipment.
Temperature Range: -40° F to +250° F
Reinforcement: Two high tensile steel wire braids
Tube: Oil resistant synthetic rubber
Cover: Oil and weather resistant synthetic rubber
Working Pressures: Up to 5,000 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	011404	DR1604-50	FX04-50	Box	1/4	.55	5,000	20,000	2.0
	011406	DR1606-50	FX06-50	Box	3/8	.67	4,000	16,000	2.5
	011408	DR1608-50	FX08-50	Box	1/2	.81	3,500	14,000	3.5
	011410	DR1610-50	FX10-50	Box	5/8	.93	2,750	11,000	4.0
	011412	DR1612-50	FX12-50	Box	3/4	1.07	2,250	9,000	4.8
	011416	DR1616-50	FX16-50	Box	1	1.37	2,000	8,000	6.0
	011420	DR1620-100	FX20-100	Box	1 1/4	1.69	1,625	6,500	8.3
	011454	DR1604-500	FX04-300	Reel	1/4	.55	5,000	20,000	2.0
	011456	DR1606-450	FX06-300	Reel	3/8	.67	4,000	16,000	2.5
	011458	DR1608-320	FX08-500	Reel	1/2	.81	3,500	14,000	3.5
	011460	DR1610-520	FX10-300	Reel	5/8	.93	2,750	11,000	4.0
	011462	DR1612-400	FX12-300	Reel	3/4	1.07	2,250	9,000	4.8
	011466	DR1616-200	FX16-300	Reel	1	1.37	2,000	8,000	6.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

O - Obsolete

HIGH PRESSURE HYDRAULIC HOSE

DR12 - SAE 100R12

Recommended Coupling Styles: PG

Special Notes:

Used For: High pressure hydraulic service. Provides longer life under the higher temperatures and pressures of modern hydraulically operated equipment.

Temperature Range: -40° F to +250° F

Reinforcement: Four spiral layers of high tensile steel wire.

Tube: Oil resistant synthetic rubber

Cover: Oil and weather resistant synthetic rubber. Gray color - MSHA approved

Working Pressures: Up to 4,000 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	010406	DR1206-50	CE06-50	Box	3/8	.78	4,000	16,000	5.0
	010408	DR1208-50	CE08-50	Box	1/2	.89	4,000	16,000	7.0
	010410	DR1210-50	CE10-50	Box	5/8	1.14	4,000	16,000	8.0
	010412	DR1212-50	CE12-50	Box	3/4	1.21	4,000	16,000	9.5
	010416	DR1216-50	CE16-50	Box	1	1.50	4,000	16,000	12.0
	010420	DR1220-50	CE20-50	Box	1 1/4	1.85	3,000	12,000	16.5
	010424	DR1224-50	CE24-50	Box	1 1/2	2.11	2,500	10,000	20.0
	010432A	DR1232-50	CE32-50	Box	2	2.63	2,500	10,000	25.0
	010456	DR1206-125	CE06-125	Box	3/8	.78	4,000	16,000	5.0
	010458	DR1208-125	CE08-125	Box	1/2	.89	4,000	16,000	7.0
	010460	DR1210-125	CE10-125	Box	5/8	1.14	4,000	16,000	8.0
	010462	DR1212-125	CE12-125	Box	3/4	1.21	4,000	16,000	9.5
	010466	DR1216-125	CE16-125	Box	1	1.50	4,000	16,000	12
	010470	DR1220-125	CE20-125	Box	1 1/4	1.85	3,000	12,000	16.5
	010474	DR1224-125	CE24-100	Box	1 1/2	2.11	2,500	10,000	20.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

O - Obsolete

EXTREME PRESSURE HOSE

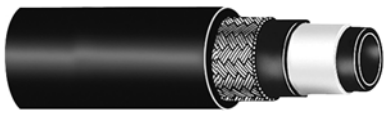
DR13 - SAE 100R13

Recommended Coupling Styles: 78, PG
Special Notes: 78 (-20, -24), PG (-12, -16)
Used For: Severe high pressure hydraulic applications
Temperature Range: -40° F to +250° F
Reinforcement: Four spiraled layers of high tensile steel wire on sizes 12 and 16. Six spiraled layers of high tensile steel wire on sizes 20 and 24.
Tube: Oil resistant synthetic rubber
Cover: Black, oil and weather resistant synthetic rubber - MHSA approved
Working Pressures: Up to 5,000 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	040212	DR1312-50	NX612-50	Box	3/4	1.26	5,000	20,000	9.5
	040216	DR1316-50	NX616-50	Box	1	1.52	5,000	20,000	12.0
	040220	DR1320-50	NX620-50	Box	1 1/4	1.96	5,000	20,000	16.5
	040224	DR1324-50	NX624-50	Box	1 1/2	2.26	5,000	20,000	20.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

DBH - BARRIER REFRIGERANT HOSE



Recommended Coupling Styles: BL, SB
Special Notes: Exceeds SAE J51, Meets SAE J2064.
Used For: R12 and R134A refrigerant systems only.
Temperature Range: -22° F to +203° F
Reinforcement: Textile
Tube: Nitrile/Nylon barrier/Neoprene construction
Cover: Black, abrasion, ozone & heat resistant EPDM
Working Pressures: Up to 350 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
N	80442	DBH06-25	BH06-25	Box	5/16	.75	350	2,000	4.0
	80443	DBH06-50	BH06-50	Box	5/16	.75	350	2,000	4.0
	80444	DBH06-250	BH06-250	Reel	5/16	.75	350	2,000	4.0
N	80447	DBH08-25	BH08-25	Box	13/32	.91	350	2,000	4.7
	80448	DBH08-50	BH08-50	Box	13/32	.91	350	2,000	4.7
	80449	DBH08-250	BH08-250	Reel	13/32	.91	350	2,000	4.7
N	80452	DBH10-25	BH10-25	Box	1/2	1.00	350	2,000	5.5
	80453	DBH10-50	BH10-50	Box	1/2	1.00	350	2,000	5.5
	80454	DBH10-250	BH10-250	Reel	1/2	1.00	350	2,000	5.5
N	80457	DBH12-25	BH12-25	Box	5/8	1.13	350	1,750	6.5
	80458	DBH12-50	BH12-50	Box	5/8	1.13	350	1,750	6.5
	80459	DBH12-250	BH12-250	Reel	5/8	1.13	350	1,750	6.5

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

N - New

SPECIALTY HOSE

DPW - DayBlast™ Pressure Washer Hose

Recommended Coupling Styles: DC
Special Notes: Not for use with steam
Used For: Medium pressure, pressure washer applications up to 3,000 PSI.
Temperature Range: -40° F to +311° F
Reinforcement: One braid of high tensile steel wire
Tube: Synthetic rubber resistant to usual detergents
Cover: Gray abrasion and weather resistant synthetic rubber (pin pricked)
Working Pressures: Up to 3,000 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	011006	DPW06-50	DPW06-50	Box	3/8	.65	3,625	13,750	2.5

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

DY1 - SAE J1402, Table A DOT FMVSS 106

Recommended Coupling Styles: GR
Special Notes: Y1 assemblies built with GR couplings assembled outside of Dayco factories must be indentified by the assembler per DOT FMVSS 571.106 if used in motor vehicle air brake applications.
Used For: Air brake hose lines. Not to be used from air compressor to air reservoir.
Temperature Range: -40° F to +212° F
Reinforcement: Four spiraled textile layers
Tube: EPDM
Cover: EPDM
Working Pressures: Up to 225 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	80372	DY106-50	Y106-50	Box	3/8	.75	225	900	3.5
	80373	DY106-250	Y106-250	Reel	3/8	.75	225	900	3.5
	80374	DY106-500	Y106-500	Reel	3/8	.75	225	900	3.5
	80376	DY108-50	Y108-50	Box	1/2	.87	225	900	4.0
	80377	DY108-250	Y108-250	Reel	1/2	.87	225	900	4.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

N - New

SPECIALTY HOSE

DFL - SAE Fuel Line

Recommended Coupling Styles: BI, DC size 16 only
Special Notes: SAE SPECS: -04 and -05 SAE 30R3, -06,-08 and -10 SAE 30R2, Type 1, -12 and -16 are similar to SAE 30R2, Type 2
Used For: Low pressure transmission of oil, gasoline, air and water.
Temperature Range: -40° F to +212° F
Reinforcement: One or two textile braids, Two textile braids on -12 and -16
Tube: Nitrile
Cover: Oil and weather resistant synthetic rubber MSHA approved on size -04, -05, -12 and -16 only
Working Pressures: Up to 400 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	011704	DFL04-50	DL604-50	Box	1/4	.42	400	1,600	2.7
	011705	DFL05-50	DL605-50	Box	5/16	.52	300	1,200	3.0
	011706	DFL06-50	DL606-50	Box	3/8	.60	300	1,200	4.0
	011708	DFL08-50	DL608-50	Box	1/2	.75	300	1,200	4.5
	011710	DFL10-50	DL610-50	Box	5/8	.88	300	1,200	5.0
	011712	DFL12-50	DL612-50	Box	3/4	1.22	300	1,200	6.0
	011716	DFL16-50	DL616-50	Box	1	1.52	300	1,200	8.0

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

Grease Whip Hose Assembly - SAE 100R7

Recommended Coupling Styles: 1/8 NPTF Male (both ends)
Special Notes: Warning - Hand grease gun only
Used For: Lubrication lines.
Temperature Range: -40° F to +120° F
Reinforcement: Polyester Braid Reinforcement
Tube: Nylon
Cover: Black Polyurethane
Working Pressures: Up to 3,000 PSI

	Part No.	Factory No.	Old Factory No.	Box or Reel	Hose Size (Nominal) ID In.	Hose Size (Nominal) OD In.	Pressure Max WP (PSI)	Pressure Min Burst* (PSI)	Minimum Bend Rad
	090330	GWA-12	GWA-12	---	1/8	---	3,000	12,000	1.5
	090331	GWA-15	GWA-15	---	1/8	---	3,000	12,000	1.5
	090332	GWA-18	GWA-18	---	1/8	---	3,000	12,000	1.5
	090333	GWA-24	GWA-24	---	1/8	---	3,000	12,000	1.5

* Burst Pressure is for reference only and is no indication that the product should be used above the indicated related working pressure.

O - Obsolete

Notes

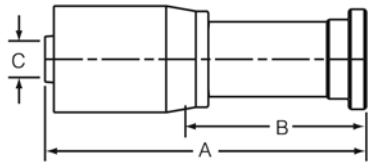
PERMANENT CRIMP COUPLINGS

Series	Style	Description	Page No.
78	C61	O-Ring Flange SAE Code 61	21
78	C6145	45° Bent Tube O-Ring Flange SAE Code 61	21
78	C6190	90° Bent Tube O-Ring Flange SAE Code 61	22
78	C62	O-Ring Flange SAE Code 62	22
78	C6245	45° Bent Tube O-Ring Flange SAE Code 62	23
78	C6290	90° Bent Tube O-Ring Flange SAE Code 62	23
78	CT	Straight Flange Head for Caterpillar®-Use O-Ring # 102840	24
78	CT45	45° Bent Tube Flange Head for Caterpillar®-Use O-Ring # 102840	24
78	CT90	90° Bent Tube Flange Head for Caterpillar®-Use O-Ring # 102840	24
78	FJ	Female Swivel 37° Flare (JIC)	25
78	FJ90T	90° Bent Tube Female Swivel 37° Flare (JIC)	25
78	MP	NPTF Male	26
78	OF45T	45° Bent Tube Female Swivel O-Ring Face Seal	26
78	OF90T	90° Bent Tube Female Swivel O-Ring Face Seal	27
78	OFT	Female Swivel O-Ring Face Seal	27
DC	BA	Male Air Brake SAE J246	28
DC	BP	Male BSPP DIN 3852	28
DC	BPF	BSPP Female Swivel Male 60° Cone	29
DC	BPF45T	BSPP 45° Bent Tube Female Swivel Male 60° Cone	29
DC	BPF90	BSPP 90° Block Female Swivel Male 60° Cone	30
DC	BPF90T	BSPP 90° Bent Tube Female Swivel Male 60° Cone	30
DC	BPHB	BSPP Female Swivel Flat Faced Seat	31
DC	BT	BSPT Male DIN 2999	31
DC	C61	O-Ring Flange SAE Code 61	32
DC	C6145	45° Bent Tube O-Ring Flange SAE Code 61	32
DC	C6190	90° Bent Tube O-Ring Flange SAE Code 61	33
DC	FA	Female Swivel 45° Flare	34
DC	FA45T	45° Bent Tube Female Swivel 45° Flare	35
DC	FA90T	90° Bent Tube Female Swivel 45° Flare	35
DC	FAT	Straight Tube Female Swivel 45° Flare	36
DC	FF	NPTF Female	36
DC	FJ	Female Swivel 37° Flare (JIC)	37
DC	FJ45T	45° Bent Tube Female Swivel 37° Flare (JIC)	38
DC	FJ90	90° Block Female Swivel 37° Flare (JIC)	39
DC	FJ90T	90° Bent Tube Female Swivel 37° Flare (JIC)	40
DC	FJ90TL	90° Long Drop Bent Tube Female Swivel 37° Flare (JIC)	41
DC	FJ90TM	90° Medium Drop Bent Tube Female Swivel 37° Flare (JIC)	41
DC	FJT	Straight Tube Female Swivel 37° Flare (JIC)	42
DC	FN	NPSM Female Swivel 30° Cone Seat	42
DC	KAR	Female Swivel Pressure Washer	43
DC	KMF	Female Swivel 30° Flare for Komatsu®	43
DC	KOM	Flange Head for Komatsu®	44
DC	KOM45	45° Bent Tube Flange Head for Komatsu®	44
DC	KOM90	90° Bent Tube Flange Head for Komatsu®	45
DC	LF	Female Swivel Flareless	45
DC	M-56	Nut for RZ & MZ Metric Couplings	46
DC	M-73	Sleeve for RZ & MZ Couplings	46
DC	MA	Male 45° Flare	47
DC	MF	Male Swivel Inverted Flare	47
DC	MF45T	45° Bent Tube Male Swivel Inverted Flare	48
DC	MF90T	90° Bent Tube Male Swivel Inverted Flare	48
DC	MJ	Male 37° Flare	49
DC	MJPF	J.I.S. Female Swivel 30° Flare	50
DC	MP	NPTF Male	51
DC	MS	NPTF Male Swivel W/out 30° Chamfer	52
DC	MSC	NPTF Male Swivel 30° Chamfer	52
DC	MV	Male Flareless with Nut & Sleeve	53
DC	MV Nut	Nut for MV Couplings	53
DC	MV Sleeve	Sleeve for MV Couplings	54

PERMANENT CRIMP COUPLINGS

Series	Style	Description	Page No.
DC	MZ	Male Metric 24° Flare Light and Standard DIN 2353	55
DC	OF45T	45° Bent Tube Female Swivel O-Ring Face Seal	56
DC	OF90T	90° Bent Tube Female Swivel O-Ring Face Seal	57
DC	OF90TL	90° Bent Tube Female Swivel O-Ring Face Seal (Long Drop)	58
DC	OFT	Female Swivel O-Ring Face Seal	59
DC	OM	Male O-Ring Face Seal (Furnished with O-Ring)	60
DC	OR	Male O-Ring Boss (Furnished with O-Ring)	61
DC	ORS	Male Swivel O-Ring Boss (Furnished with O-Ring)	62
DC	ORS90	90° Block Male Swivel O-Ring Boss (Furnished with O-Ring)	62
DC	RM	Hose Splicer (For New Hose Only)	63
DC	RU	Female Swivel Metric Universal 24°/60° Cone	64
DC	RU45T	45° Bent Tube Female Swivel Universal Metric 24°/60° Cone	65
DC	RU90T	90° Bent Tube Female Swivel Universal Metric 24°/60° Cone	66
DC	RZ45T	45° Bent Tube Metric O.D. Stand Pipe	67
DC	RZ90T	90° Bent Tube Metric O.D. Stand Pipe	67
DC	RZT	Metric O.D. Stand Pipe	68
DC	SP90	90° Block Male Swivel NPTF (Without 30° Internal Chamfer)	68
DC/HY	FJSS	Female Swivel 37° Flare (JIC) Stainless Steel	69
DC/HY	MPSS	NPTF Male Stainless Steel	69
GR	AF	Female Swivel Air Brake	70
GR	Air Brake Adapter	NPTF Male to 3/4-20 Male (With 45° Chamfer)	70
GR	FJ	Female Swivel 37° Flare	71
GR	MJ	Male 37° Flare	71
GR	MP	NPTF Male	72
GR	MS	NPTF Male Swivel 30° Chamfer	72
PG	BPF	BSPP Female Swivel Male 60° Cone	73
PG	BPF45T	45° BSPP Female Swivel 60° Cone	73
PG	BPF90T	BSPP 90° Bent Tube Female Swivel Male 60° Cone	74
PG	C61	O-Ring Flange SAE Code 61	74
PG	C6122	22 1/2° Bent Tube O-Ring Flange SAE Code 61	75
PG	C6130	30° Bent Tube O-Ring Flange SAE Code 61	75
PG	C6145	45° Bent Tube O-Ring Flange SAE Code 61	76
PG	C6160	60° Bent Tube O-Ring Flange SAE Code 61	76
PG	C6190	90° Bent Tube O-Ring Flange SAE Code 61	77
PG	C62	O-Ring Flange SAE Code 62	78
PG	C6245	45° Bent Tube O-Ring Flange SAE Code 62	78
PG	C6290	90° Bent Tube O-Ring Flange SAE Code 62	79
PG	CT	Straight Flange Head for Caterpillar®	79
PG	CT22	22 1/2° Bent Tube Flange Head for Caterpillar®	80
PG	CT45	45° Bent Tube Flange Head for Caterpillar®	80
PG	CT90	90° Bent Tube Flange Head for Caterpillar®	81
PG	FJ	Female Swivel 37° Flare (JIC)	82
PG	FJ45T	45° Bent Tube Female Swivel 37° Flare (JIC)	83
PG	FJ90T	90° Bent Tube Female Swivel 37° Flare (JIC)	84
PG	MJ	Male 37° Flare (JIC)	85
PG	MP	NPTF Male	86
PG	MZ	Male Metric 24° Flare Light and Standard DIN 2353	86
PG	OF45T	45° Bent Tube Female Swivel O-Ring Face Seal	87
PG	OF90T	90° Bent Tube Female Swivel O-Ring Face Seal	87
PG	OF90TM	90° Bent Tube Female Swivel O-Ring Face Seal (Medium Drop)	88
PG	OFT	Female Swivel O-Ring Face Seal	88
PG	OM	Male O-Ring Face Seal (Furnished with O-Ring)	89
PG	OR	Male O-Ring Boss (Furnished with O-Ring)	89
PG	RO	Straight Metric Female Swivel 24° Cone with O-Ring	90
PG	RO45T	45° Bent Tube Metric Female Swivel 24° Cone with O-Ring	91
PG	RO90T	90° Bent Tube Metric Female Swivel 24° Cone with O-Ring	92

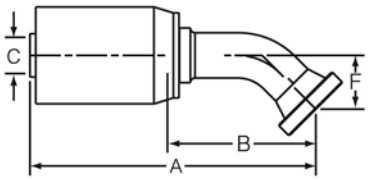
O-Ring Flange SAE Code 61



Style: C61
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103050	7820-20C61	7820-20C61	1 1/4	2.00	5.54	3.15	---	---	---	---
	103054	7824-24C61	7824-24PA	1 1/2	2.38	6.53	4.32	---	---	---	---

45° Bent Tube O-Ring Flange SAE Code 61

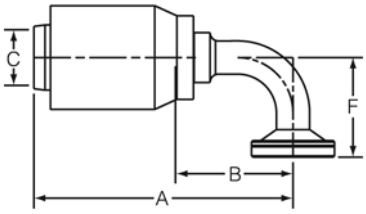


Style: C6145
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103060	7820-20C6145	7820-20C6145	1 1/4	2.00	7.39	4	---	---	---	1.50
	103064	7824-24C6145	7824-24PA45	1 1/2	2.38	6.99	4.78	---	---	---	1.73

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

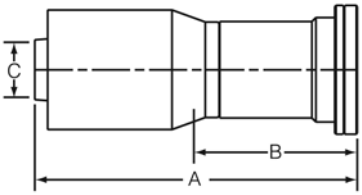
90° Bent Tube O-Ring Flange SAE Code 61



Style: C6190
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103070	7820-20C6190	7820-20C6190	1 1/4	2.00	5.63	3.70	---	---	---	3.54
	103074	7824-24C6190	7824-24PA90	1 1/2	2.38	6.52	4.31	---	---	---	4.09

O-Ring Flange SAE Code 62

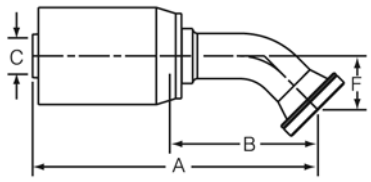


Style: C62
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103020	7820-20C62	7820-20PH	1 1/4	2.13	5.85	3.46	---	---	---	---
	103022	7824-24C62	7824-24PH	1 1/2	2.50	6.54	4.33	---	---	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

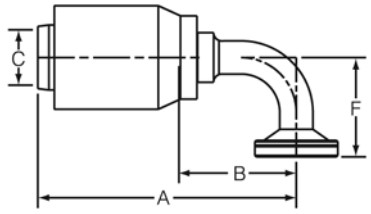
45° Bent Tube O-Ring Flange SAE Code 62



Style: C6245
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103030	7820-20C6245	7820-20PH45	1 1/4	2.13	6.39	4.00	---	---	---	1.50
	103032	7824-24C6245	7824-24PH45	1 1/2	2.50	6.99	4.78	---	---	---	1.73

90° Bent Tube O-Ring Flange SAE Code 62



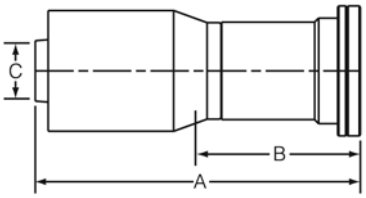
Style: C6290
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103040	7820-20C6290	7820-20PH90	1 1/4	2.13	6.09	3.70	---	---	---	3.54
	103042	7824-24C6290	7824-24PH90	1 1/2	2.50	6.52	4.31	---	---	---	4.09

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

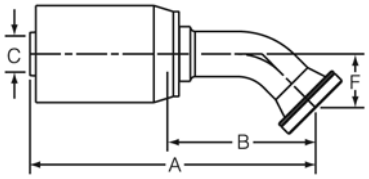
Straight Flange Head for Caterpillar®-Use O-Ring # 102840



Style: CT
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	102800	7820-20CT	7820-20PHC	1 1/4	2.13	6.10	3.71	---	---	---	---

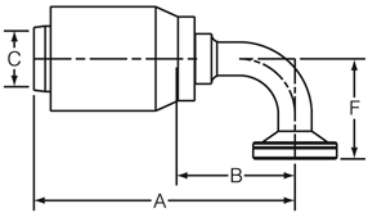
45° Bent Tube Flange Head for Caterpillar®-Use O-Ring # 102840



Style: CT45
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	102810	7820-20CT45	7820-20PHC45	1 1/4	2.13	6.38	3.99	---	---	---	1.44

90° Bent Tube Flange Head for Caterpillar®-Use O-Ring # 102840



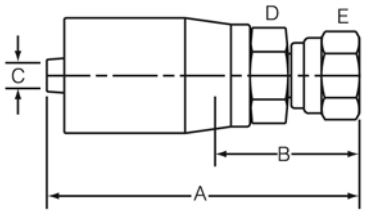
Style: CT90
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	102820	7820-20CT90	7820-20PHC90	1 1/4	2.13	6.75	4.36	---	---	---	3.02

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

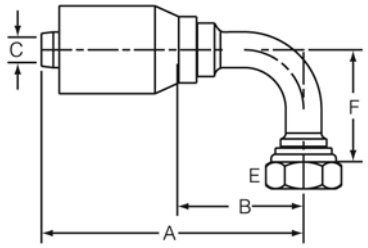
Female Swivel 37° Flare (JIC)



Style: FJ
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103010	7820-20FJ	7820-20FJ	1 1/4	1 5/8 - 12	4.93	2.54	---	1 3/4	2	---
	103012	7824-24FJ	7824-24FJ	1 1/2	1 7/8 - 12	5.04	2.83	---	2	2 1/4	---

90° Bent Tube Female Swivel 37° Flare (JIC)



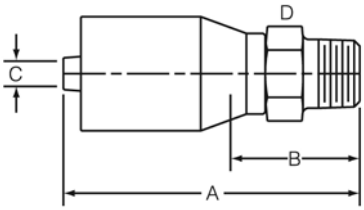
Style: FJ90T
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103017	7820-20FJ90T	7820-20FJ90T	1 1/4	1 5/8 - 12	5.12	2.36	---	---	2	3.35

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

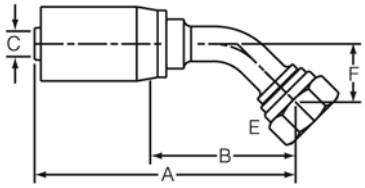
NPTF Male



Style: MP
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103002	7820-20MP	7820-20MP	1 1/4	1 1/4 - 11 1/2	4.92	2.53	---	1 3/4	---	---
	103004	7824-24MP	7824-24MP	1 1/2	1 1/2 - 11 1/2	4.88	2.67	---	2	---	---

45° Bent Tube Female Swivel O-Ring Face Seal

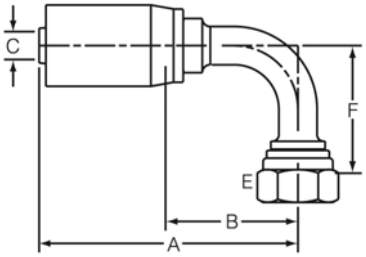


Style: OF45T
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103090	7820-20OF45T	7820-20OF45T	1 1/4	1 11/16 - 12	5.78	3.29	---	---	1 7/8	0.98
	103092	7824-24OF45T	7824-24OF45T	1 1/2	2 - 12	6.91	4.70	---	---	2 1/4	1.56

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

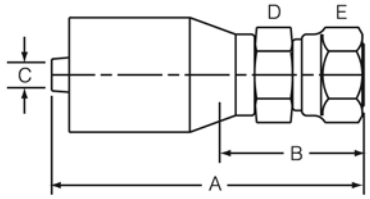
90° Bent Tube Female Swivel O-Ring Face Seal



Style: OF90T
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103100	7820-20OF90T	7820-20OF90T	1 1/4	1 11/16 - 12	5.82	3.43	---	---	1 7/8	2.52
	103104	7824-24OF90T	7824-24OF90T	1 1/2	2 - 12	6.58	4.37	---	---	2 1/4	2.70

Female Swivel O-Ring Face Seal



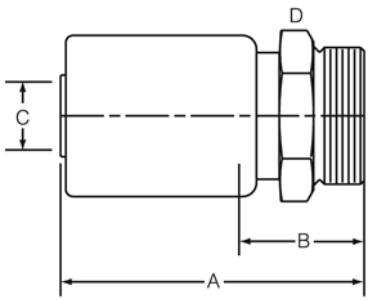
Style: OFT
Series: 78
Material: Steel
Recommended Hose: DR13

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	103080	7820-20OFT	7820-20OFT	1 1/4	1 11/16 - 12	4.62	2.23	---	1 3/4	1 7/8	---
	103084	7824-24OFT	7824-24OFT	1 1/2	2 - 12	4.70	2.49	---	2	2 1/4	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

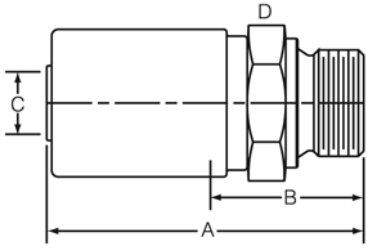
Male Air Brake SAE J246



Style: BA
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	107991	DC06-06BA	HY06-06BA	3/8	17/32 - 24	2.43	1.06	.27	11/16	---	---

Male BSPP DIN 3852

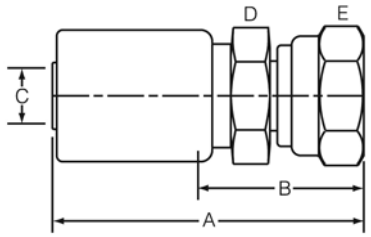


Style: BP
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116005	DC04-04BP	HY04-04BP	1/4	1/4 - 19	2.40	1.03	.16	13/16	---	---
	116006	DC04-06BP	HY04-06BP	1/4	3/8 - 19	2.54	1.19	.16	7/8	---	---
D	116007	DC05-06BP	HY05-06BP	5/16	3/8 - 19	2.57	1.28	.20	7/8	---	---
	116010	DC06-06BP	HY06-06BP	3/8	3/8 - 19	2.55	1.19	.27	7/8	---	---
	116011	DC06-08BP	HY06-08BP	3/8	1/2 - 14	2.65	1.28	.27	1 1/16	---	---
	116013	DC08-06BP	HY08-06BP	1/2	3/8 - 19	2.73	1.38	.38	7/8	---	---
	116014	DC08-08BP	HY08-08BP	1/2	1/2 - 14	2.83	1.47	.38	1 1/16	---	---
	116017	DC10-10BP	HY10-10BP	5/8	5/8 - 14	2.98	1.59	.50	1 1/8	---	---
D	116018	DC10-12BP	HY10-12BP	5/8	3/4 - 14	2.98	1.59	.50	1 5/16	---	---
	116020	DC12-12BP	HY12-12BP	3/4	3/4 - 14	3.09	1.50	.61	1 5/16	---	---
	116024	DC16-16BP	HY16-16BP	1	1 - 11	3.31	1.69	.81	1 9/16	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

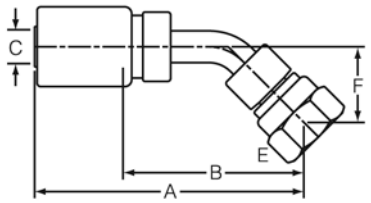
BSPP Female Swivel Male 60° Cone



Style: BPF
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116026	DC04-02BPF	HY04-02BPF	1/4	1/8 - 28	2.51	1.16	.13	9/16	9/16	---
	116027	DC04-04BPF	HY04-04BPF	1/4	1/4 - 19	2.62	1.28	.16	9/16	11/16	---
	116028	DC04-06BPF	HY04-06BPF	1/4	3/8 - 19	2.69	1.34	.16	3/4	7/8	---
	116031	DC06-04BPF	HY06-04BPF	3/8	1/4 - 19	2.64	1.28	.22	3/4	11/16	---
	116032	DC06-06BPF	HY06-06BPF	3/8	3/8 - 19	2.70	1.34	.27	3/4	7/8	---
	116033	DC06-08BPF	HY06-08BPF	3/8	1/2 - 14	2.84	1.50	.27	7/8	1	---
	116035	DC08-06BPF	HY08-06BPF	1/2	3/8 - 19	2.94	1.59	.38	7/8	7/8	---
	116036	DC08-08BPF	HY08-08BPF	1/2	1/2 - 14	3.02	1.66	.38	1	7/8	---
	116037	DC08-10BPF	HY08-10BPF	1/2	5/8 - 14	3.08	1.7	.38	1	1 1/8	---
	116038	DC10-08BPF	HY10-08BPF	5/8	1/2 - 14	3.03	1.66	.50	1 1/16	1	---
	116039	DC10-10BPF	HY10-10BPF	5/8	5/8 - 14	3.09	1.72	.50	1 1/16	1 1/8	---
	116040	DC10-12BPF	HY10-12BPF	5/8	3/4 - 14	3.16	1.78	.50	1 1/8	1 1/4	---
	116042	DC12-12BPF	HY12-12BPF	3/4	3/4 - 14	3.25	1.69	.61	1 1/4	1 1/4	---
	116043	DC12-16BPF	HY12-16BPF	3/4	1 - 11	3.30	1.72	.61	1 3/8	1 1/2	---
	116045	DC16-16BPF	HY16-16BPF	1	1 - 11	3.45	1.84	.81	1 3/8	1 1/2	---

BSPP 45° Bent Tube Female Swivel Male 60° Cone

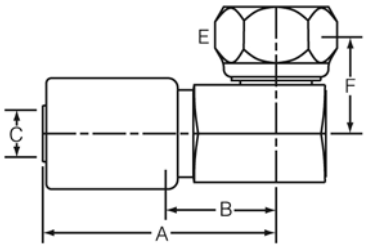


Style: BPF45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116224	DC04-04BPF45T	HY04-04BPF45T	1/4	1/4 - 19	3.54	2.19	.16	---	11/16	.75
	116225	DC04-06BPF45T	HY04-06BPF45T	1/4	3/8 - 19	3.92	2.56	.16	---	7/8	.91
	116229	DC06-06BPF45T	HY06-06BPF45T	3/8	3/8 - 19	3.58	2.22	.27	---	7/8	.95
	116230	DC06-08BPF45T	HY06-08BPF45T	3/8	1/2 - 14	4.06	2.72	.27	---	1	.98
	116234	DC08-08BPF45T	HY08-08BPF45T	1/2	1/2 - 14	4.24	2.88	.38	---	1	1.00
	116236	DC10-10BPF45T	HY10-10BPF45T	5/8	5/8 - 14	4.40	3.03	.50	---	1 1/8	1.10
	116239	DC12-12BPF45T	HY12-12BPF45T	3/4	3/4 - 14	4.25	2.72	.61	---	1 1/4	1.18
	116243	DC16-16BPF45T	HY16-16BPF45T	1	1 - 11	4.67	3.05	.81	---	1 1/2	1.29

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

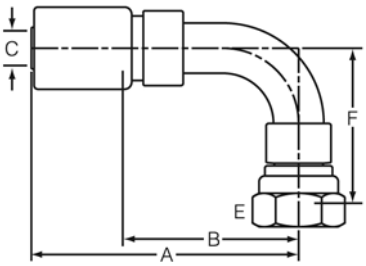
BSPP 90° Block Female Swivel Male 60° Cone



Style: BPF90
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116284	DC04-04BPF90	HY04-04BPF90	1/4	1/4 - 19	2.31	.94	.16	---	11/16	.88
	116287	DC06-06BPF90	HY06-06BPF90	3/8	3/8 - 19	2.33	.99	.27	---	7/8	.94
	116288	DC06-08BPF90	HY06-08BPF90	3/8	1/2 - 14	2.33	.97	.27	---	1	1.00
	116290	DC08-08BPF90	HY08-08BPF90	1/2	1/2 - 14	2.44	1.09	.38	---	1	1.00
	116296	DC12-12BPF90	HY12-12BPF90	3/4	3/4 - 14	2.76	1.19	.61	---	1 1/4	1.22
	116299	DC16-16BPF90	HY16-16BPF90	1	1 - 11	3.03	1.41	.81	---	1 1/2	1.47

BSPP 90° Bent Tube Female Swivel Male 60° Cone



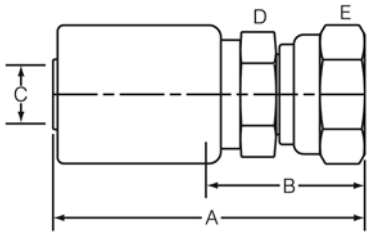
Style: BPF90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116254	DC04-04BPF90T	HY04-04BPF90T	1/4	1/4 - 19	3.07	1.72	.16	---	11/16	1.33
	116255	DC04-06BPF90T	HY04-06BPF90T	1/4	3/8 - 19	3.43	2.06	.16	---	7/8	1.66
	116259	DC06-06BPF90T	HY06-06BPF90T	3/8	3/8 - 19	3.07	1.72	.27	---	7/8	1.79
	116260	DC06-08BPF90T	HY06-08BPF90T	3/8	1/2 - 14	3.56	2.22	.27	---	1	1.83
	116264	DC08-08BPF90T	HY08-08BPF90T	1/2	1/2 - 14	3.79	2.44	.38	---	1	1.95
	116266	DC10-10BPF90T	HY10-10BPF90T	5/8	5/8 - 14	3.92	2.56	.50	---	1 1/8	2.10
	116267	DC10-12BPF90T	HY10-12BPF90T	5/8	3/4 - 14	4.04	2.66	.50	---	1 1/4	2.37
	116269	DC12-12BPF90T	HY12-12BPF90T	3/4	3/4 - 14	3.97	2.25	.61	---	1 1/4	2.33
	116273	DC16-16BPF90T	HY16-16BPF90T	1	1 - 11	4.36	2.73	.81	---	1 1/2	2.56

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

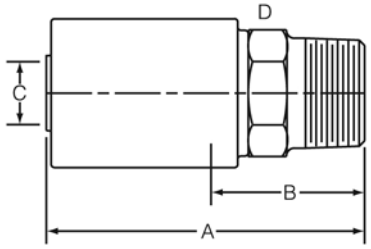
BSPP Female Swivel Flat Faced Seat



Style: BPHB
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116050	DC06-08BPHB	HY06-08BPHB	3/8	1/2 - 14	2.84	1.50	.27	7/8	1	---
	116051	DC08-08BPHB	HY08-08BPHB	1/2	1/2 - 14	2.95	1.67	.38	7/8	1	---
	116054	DC08-12BPHB	HY08-12BPHB	1/2	3/4 - 14	3.14	1.78	.38	1 1/8	1 1/4	---

BSPT Male DIN 2999



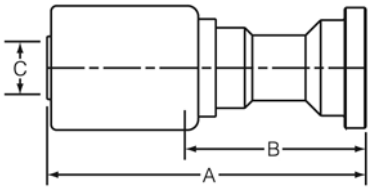
Style: BT
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	116060	DC04-02BT	HY04-02BT	1/4	1/8 - 28	2.34	1.00	.16	9/16	---	---
	116061	DC04-04BT	HY04-04BT	1/4	1/4 - 19	2.53	1.1	.16	9/16	---	---
	116062	DC04-06BT	HY04-06BT	1/4	3/8 - 19	2.53	1.19	.16	11/16	---	---
D	116063	DC05-06BT	HY05-06BT	5/16	3/8 - 19	2.56	1.22	.20	3/4	---	---
	116066	DC06-06BT	HY06-06BT	3/8	3/8 - 19	2.55	1.19	.27	11/16	---	---
	116067	DC06-08BT	HY06-08BT	3/8	1/2 - 14	2.73	1.38	.27	7/8	---	---
	116069	DC08-06BT	HY08-06BT	1/2	3/8 - 19	2.72	1.38	.38	7/8	---	---
	116070	DC08-08BT	HY08-08BT	1/2	1/2 - 14	2.91	1.56	.38	7/8	---	---
	116074	DC10-12BT	HY10-12BT	5/8	3/4 - 14	2.92	1.59	.50	1 1/8	---	---
	116076	DC12-12BT	HY12-12BT	3/4	3/4 - 14	3.08	1.50	.61	1 1/4	---	---
	116081	DC16-16BT	HY16-16BT	1	1 - 11	3.42	1.82	.81	1 3/8	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

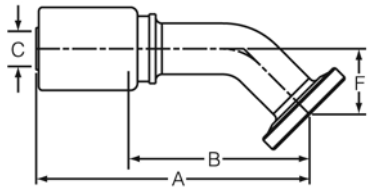
O-Ring Flange SAE Code 61



Style: C61
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	109399	DC08-08C61	HY08-08PA	1/2	1.19	3.84	2.50	.38	---	---	---
	109402	DC08-12C61	HY08-12PA	1/2	1.50	3.84	2.50	.38	---	---	---
	109405	DC12-12C61	HY12-12PA	3/4	1.50	3.88	2.31	.58	---	---	---
	109407	DC12-16C61	HY12-16PA	3/4	1.75	3.88	2.31	.58	---	---	---
	109412	DC16-16C61	HY16-16PA	1	1.75	4.17	2.56	.81	---	---	---
	109414	DC16-20C61	HY16-20PA	1	2.00	4.17	2.84	.81	---	---	---
	109418	DC20-20C61	HY20-20PA	1 1/4	2.00	4.58	2.75	1.03	---	---	---
	109420	DC20-24C61	HY20-24PA	1 1/4	2.38	4.71	2.88	1.03	---	---	---

45° Bent Tube O-Ring Flange SAE Code 61

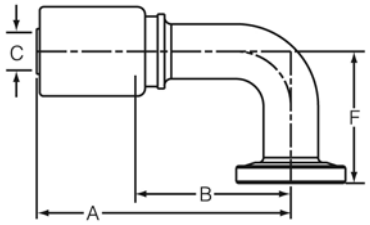


Style: C6145
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	109440	DC08-08C6145	HY08-08PA45	1/2	1.19	4.52	2.72	.38	---	---	.77
	109442	DC08-12C6145	HY08-12PA45	1/2	1.50	4.52	2.72	.38	---	---	.77
	109445	DC12-12C6145	HY12-12PA45	3/4	1.50	4.11	2.53	.56	---	---	1.02
	109447	DC12-16C6145	HY12-16PA45	3/4	1.75	4.11	2.53	.56	---	---	1.02
	109449	DC12-20C6145	HY12-20PA45	3/4	2.00	3.88	2.53	.58	---	---	1.02
	109452	DC16-16C6145	HY16-16PA45	1	1.75	4.47	2.84	.81	---	---	1.06
	109455	DC16-24C6145	HY16-24PA45	1	2.38	4.47	2.84	.81	---	---	1.06
	109458	DC20-20C6145	HY20-20PA45	1 1/4	2.00	5.05	3.22	1.03	---	---	1.16
	109460	DC20-24C6145	HY20-24PA45	1 1/4	2.38	5.14	3.31	1.03	---	---	1.25

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube O-Ring Flange SAE Code 61

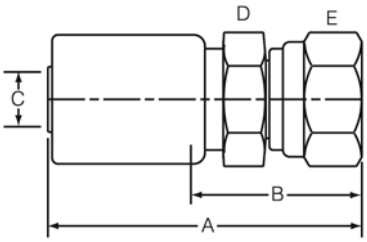


Style: C6190
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	109480	DC08-08C6190	HY08-08PA90	1/2	1.19	3.81	2.47	.38	---	---	1.63
	109482	DC08-12C6190	HY08-12PA90	1/2	1.50	3.81	2.47	.38	---	---	1.63
	109485	DC12-12C6190	HY12-12PA90	3/4	1.50	3.83	2.25	.59	---	---	2.17
	109489	DC12-20C6190	HY12-20PA90	3/4	2.00	3.83	2.25	.59	---	---	2.17
	109492	DC16-16C6190	HY16-16PA90	1	1.75	4.55	2.94	.81	---	---	2.40
	109494	DC16-20C6190	HY16-20PA90	1	2.00	4.54	2.94	.81	---	---	2.40
	109496	DC18-20C6190	HY18-20PA90	1 1/8	2.00	5.08	3.47	.94	---	---	2.62
	109498	DC20-20C6190	HY20-20PA90	1 1/4	2.00	5.34	3.50	1.03	---	---	2.62
	109500	DC20-24C6190	HY20-24PA90	1 1/4	2.38	5.34	3.50	1.03	---	---	2.75

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Female Swivel 45° Flare

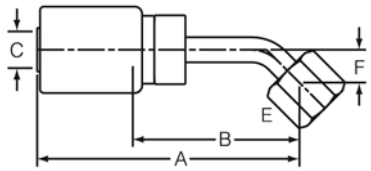


Style: FA
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	107998	DC04-04FA	HY04-04FA	1/4	7/16 - 20	2.60	1.26	.16	9/16	9/16	---
	107999	DC04-05FA	HY04-05FA	1/4	1/2 - 20	2.66	1.31	.16	9/16	5/8	---
	108000	DC04-06FA	HY04-06FA	1/4	5/8 - 18	2.73	1.38	.16	11/16	3/4	---
	108001	DC05-05FA	HY05-05FA	5/16	1/2 - 20	2.68	1.34	.20	5/8	5/8	---
	108002	DC05-06FA	HY05-06FA	5/16	5/8 - 18	2.68	1.34	.20	5/8	5/8	---
	108003	DC06-06FA	HY06-06FA	3/8	5/8 - 18	2.75	1.41	.20	5/8	3/4	---
	108003BK	DC06-06FA	HY06-06FA	3/8	5/8 - 18	2.75	1.41	.20	5/8	3/4	---
	108004	DC06-08FA	HY06-08FA	3/8	3/4 - 16	2.73	1.38	.27	13/16	7/8	---
	108005	DC07-06FA	HY07-06FA	13/32	5/8 - 18	2.75	1.41	.31	7/8	3/4	---
	108006	DC07-08FA	HY07-08FA	13/32	3/4 - 16	2.73	1.47	.31	7/8	7/8	---
	108007	DC08-08FA	HY08-08FA	1/2	3/4 - 16	2.90	1.56	.38	7/8	7/8	---
	108008	DC08-10FA	HY08-10FA	1/2	7/8 - 14	2.98	1.63	.38	1	1	---
	108010	DC10-10FA	HY10-10FA	5/8	7/8 - 14	3.06	1.69	.50	1	1 1/8	---
	108011	DC10-12FA	HY10-12FA	5/8	1 1/16 - 14	3.33	1.94	.50	1 1/8	1 1/4	---
	108012	DC12-08FA	HY12-08FA	3/4	3/4 - 16	3.17	1.59	.61	1 1/4	7/8	---
	108014	DC12-12FA	HY12-12FA	3/4	1 1/16 - 14	3.41	1.84	.61	1 1/4	1 1/4	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

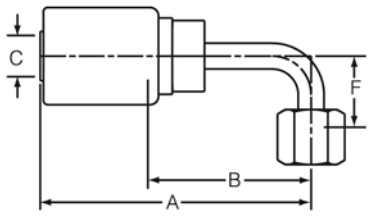
45° Bent Tube Female Swivel 45° Flare



Style: FA45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108365	DC04-04FA45T	HY04-04FA45T	1/4	7/16 - 20	3.19	1.84	.19	---	9/16	.33
	108366	DC04-05FA45T	HY04-05FA45T	1/4	1/2 - 20	3.27	1.91	.16	---	5/8	.36
	108369	DC06-05FA45T	HY06-05FA45T	3/8	1/2 - 20	3.28	1.94	.27	---	5/8	.36
	108370	DC06-06FA45T	HY06-06FA45T	3/8	5/8 - 18	3.33	1.97	.27	---	3/4	.39
	108372	DC06-04FA45T	HY06-04FA45T	3/8	7/16 - 20	3.19	1.84	.19	---	9/16	.33
	108373	DC08-08FA45T	HY08-08FA45T	1/2	3/4 - 16	3.77	2.38	.38	---	7/8	.54
	108374	DC08-10FA45T	HY08-10FA45T	1/2	7/8 - 14	3.41	2.06	.38	---	1 1/16	.63
	108380	DC10-12FA45T	HY10-12FA45T	5/8	1 1/16 - 14	3.94	2.56	.50	---	1 1/4	.77
	108381	DC12-12FA45T	HY12-12FA45T	3/4	1 1/16 - 14	4.03	2.44	.61	---	1 1/4	.77

90° Bent Tube Female Swivel 45° Flare



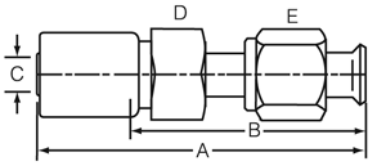
Style: FA90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108390	DC04-04FA90T	HY04-04FA90T	1/4	7/16 - 20	3.13	1.78	.16	---	9/16	.69
	108391	DC04-05FA90T	HY04-05FA90T	1/4	1/2 - 20	3.16	1.81	.16	---	5/8	.77
	108392	DC05-06FA90T	HY05-06FA90T	5/16	5/8 - 18	3.25	1.91	.20	---	3/4	.86
	108393	DC06-04FA90T	HY06-04FA90T	3/8	7/16 - 20	3.08	1.72	.19	---	9/16	.69
	108394	DC06-05FA90T	HY06-05FA90T	3/8	1/2 - 20	3.17	1.81	.27	---	5/8	.77
	108395	DC06-06FA90T	HY06-06FA90T	3/8	5/8 - 18	3.23	1.88	.27	---	3/4	.86
	108396	DC06-08FA90T	HY06-08FA90T	3/8	3/4 - 16	3.48	2.16	.27	---	7/8	1.12
D	108397	DC07-06FA90T	HY07-06FA90T	13/32	5/8 - 18	3.23	1.88	.31	---	3/4	.86
	108398	DC08-08FA90T	HY08-08FA90T	1/2	3/4 - 16	3.59	2.25	.38	---	7/8	1.12
	108399	DC08-10FA90T	HY08-10FA90T	1/2	7/8 - 14	3.11	1.75	.38	---	1 1/16	1.23
	108401	DC10-12FA90T	HY10-12FA90T	5/8	1 1/16 - 14	3.89	2.50	.50	---	1 1/4	1.83
	108406	DC12-12FA90T	HY12-12FA90T	3/4	1 1/16 - 14	3.98	2.39	.61	---	1 1/4	1.83

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

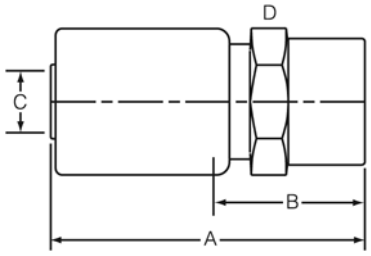
Straight Tube Female Swivel 45° Flare



Style: FAT
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108340	DC04-04FAT	HY04-04FAT	1/4	7/16 - 20	3.16	1.81	.16	9/16	9/16	---
	108341	DC04-05FAT	HY04-05FAT	1/4	1/2 - 20	3.16	1.81	.16	9/16	5/8	---
	108343	DC06-04FAT	HY06-04FAT	3/8	7/16 - 20	3.11	1.75	.19	11/16	9/16	---
	108344	DC06-05FAT	HY06-05FAT	3/8	1/2 - 20	3.17	1.81	.27	11/16	5/8	---
	108345	DC06-06FAT	HY06-06FAT	3/8	5/8 - 18	3.73	2.38	.27	11/16	3/4	---
	108346	DC06-08FAT	HY06-08FAT	3/8	3/4 - 16	4.11	2.75	.27	11/16	7/8	---
	108348	DC08-08FAT	HY08-08FAT	1/2	3/4 - 16	3.97	2.59	.38	7/8	7/8	---
	108349	DC08-10FAT	HY08-10FAT	1/2	7/8 - 14	4.23	2.88	.38	1	1 1/16	---

NPTF Female



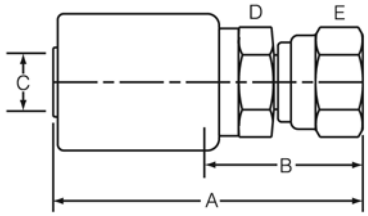
Style: FF
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108030	DC04-02FF	HY04-02FF	1/4	1/8 - 27	2.34	1.00	.16	5/8	---	---
	108031	DC04-04FF	HY04-04FF	1/4	1/4 - 18	2.47	1.13	.16	11/16	---	---
	108032	DC04-06FF	HY04-06FF	1/4	3/8 - 18	2.47	1.13	.16	7/8	---	---
	108035	DC06-04FF	HY06-04FF	3/8	1/4 - 18	2.48	1.13	.27	11/16	---	---
	108036	DC06-06FF	HY06-06FF	3/8	3/8 - 18	2.48	1.13	.27	7/8	---	---
	108036BK	DC06-06FF	HY06-06FF	3/8	3/8 - 18	2.48	1.13	.27	7/8	---	---
	108037	DC06-08FF	HY06-08FF	3/8	1/2 - 14	2.75	1.41	.27	1	---	---
	108039	DC08-08FF	HY08-08FF	1/2	1/2 - 14	2.84	1.50	.38	1	---	---
	108039BK	DC08-08FF	HY08-08FF	1/2	1/2 - 14	2.84	1.50	.38	1	---	---
	108044	DC12-08FF	HY12-08FF	3/4	1/2 - 14	2.83	1.25	.61	1 1/4	---	---
	108046	DC12-12FF	HY12-12FF	3/4	3/4 - 14	2.83	1.25	.61	1 1/4	---	---
	108049	DC16-16FF	HY16-16FF	1	1 - 11 1/2	3.27	1.66	.81	1 1/2	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

Female Swivel 37° Flare (JIC)

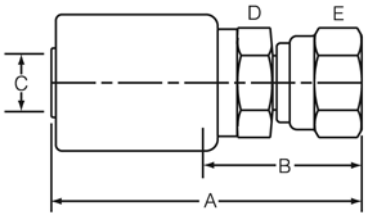


Style: FJ
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108062	DC06-04FJ	HY06-04FJ	3/8	7/16 - 20	2.67	1.31	.27	3/4	9/16	---
	108063	DC04-03FJ	HY04-03FJ	1/4	3/8 - 24	2.58	1.22	.16	9/16	1/2	---
	108064	DC05-05FJ	HY05-05FJ	5/16	1/2 - 20	2.69	1.34	.20	5/8	5/8	---
	108065	DC04-04FJ	HY04-04FJ	1/4	7/16 - 20	2.60	1.25	.16	9/16	9/16	---
	108065BK	DC04-04FJ	HY04-04FJ	1/4	7/16 - 20	2.60	1.25	.16	9/16	9/16	---
	108066	DC04-05FJ	HY04-05FJ	1/4	1/2 - 20	2.65	1.31	.16	9/16	5/8	---
	108066BK	DC04-05FJ	HY04-05FJ	1/4	1/2 - 20	2.65	1.31	.16	9/16	5/8	---
	108067	DC04-06FJ	HY04-06FJ	1/4	9/16 - 18	2.67	1.31	.16	5/8	11/16	---
	108067BK	DC04-06FJ	HY04-06FJ	1/4	9/16 - 18	2.67	1.31	.16	5/8	11/16	---
	108068	DC04-08FJ	HY04-08FJ	1/4	3/4 - 16	2.76	1.47	.16	13/16	7/8	---
	108069	DC05-06FJ	HY05-06FJ	5/16	9/16-18	2.70	1.34	.20	5/8	11/16	---
	108070	DC06-05FJ	HY06-05FJ	3/8	1/2 - 20	2.73	1.38	.27	3/4	5/8	---
	108071	DC06-06FJ	HY06-06FJ	3/8	9/16 - 18	2.69	1.34	.27	11/16	11/16	---
	108071BK	DC06-06FJ	HY06-06FJ	3/8	9/16 - 18	2.69	1.34	.27	11/16	11/16	---
	108072	DC06-08FJ	HY06-08FJ	3/8	3/4 - 16	2.72	1.38	.27	13/16	7/8	---
	108072BK	DC06-08FJ	HY06-08FJ	3/8	3/4 - 16	2.72	1.38	.27	13/16	7/8	---
	108073	DC06-10FJ	HY06-10FJ	3/8	7/8 - 14	2.81	1.47	.27	7/8	1	---
	108074	DC08-06FJ	HY08-06FJ	1/2	9/16 - 18	2.86	1.50	.38	7/8	11/16	---
	108074A	DC07-08FJ	HY07-08FJ	13/32	3/4 - 16	2.73	1.38	.31	7/8	7/8	---
	108075	DC08-08FJ	HY08-08FJ	1/2	3/4 - 16	2.90	1.56	.38	7/8	7/8	---
	108075BK	DC08-08FJ	HY08-08FJ	1/2	3/4 - 16	2.90	1.56	.38	7/8	7/8	---
	108076	DC08-10FJ	HY08-10FJ	1/2	7/8 - 14	2.98	1.63	.38	1	1	---
	108076BK	DC08-10FJ	HY08-10FJ	1/2	7/8 - 14	2.98	1.63	.38	1	1	---
	108077	DC08-12FJ	HY08-12FJ	1/2	1 1/16 - 12	3.05	1.69	.38	1 1/8	1 1/4	---
D	108077A	DC09-08FJ	HY09-08FJ	1/2	3/4 - 16	2.91	1.56	.38	7/8	7/8	---
	108077BK	DC08-12FJ	HY08-12FJ	1/2	1 1/16-12	3.05	1.69	.38	1 1/8	1 1/4	---
	108078	DC10-06FJ	HY10-06FJ	5/8	9/16 - 18	2.94	1.56	.30	1 1/8	11/16	---
	108079	DC10-08FJ	HY10-08FJ	5/8	3/4 - 16	2.98	1.59	.50	1 1/8	7/8	---
	108080	DC10-10FJ	HY10-10FJ	5/8	7/8 - 14	3.06	1.69	.48	1 1/8	1	---
	108081	DC10-12FJ	HY10-12FJ	5/8	1 1/16 - 12	3.12	1.75	.50	1 1/8	1 1/4	---
	108082	DC07-06FJ	HY07-06FJ	13/32	9/16 - 18	2.69	1.34	.31	7/8	11/16	---
	108082A	DC12-08FJ	HY12-08FJ	3/4	3/4 - 16	3.08	1.53	.61	1 1/4	7/8	---
	108083	DC12-10FJ	HY12-10FJ	3/4	7/8 - 14	3.16	1.59	.48	1 1/4	1	---
	108084	DC12-12FJ	HY12-12FJ	3/4	1 1/16 - 12	3.22	1.66	.61	1 1/4	1 1/4	---
	108084BK	DC12-12FJ	HY12-12FJ	3/4	1 1/16 - 12	3.22	1.66	.61	1 1/4	1 1/4	---
	108086	DC12-14FJ	HY12-14FJ	3/4	1 3/16 - 12	3.23	1.66	.61	1 1/4	1 3/8	---
	108088	DC12-16FJ	HY12-16FJ	3/4	1 5/16 - 12	3.30	1.72	.61	1 3/8	1 1/2	---
	108089	DC16-12FJ	HY16-12FJ	1	1 1/16 - 12	3.38	1.75	.81	1 3/8	1 1/4	---
	108090	DC14-16FJ	HY14-16FJ	7/8	1 5/16 - 12	3.30	1.81	.72	1 3/8	1 1/2	---
	108090A	DC16-14FJ	HY16-14FJ	1	1 3/16 - 12	3.38	1.75	.81	1 3/8	1 3/8	---
	108091	DC16-16FJ	HY16-16FJ	1	1 5/16 - 12	3.45	1.84	.81	1 3/8	1 1/2	---
	108091BK	DC16-16FJ	HY16-16FJ	1	1 5/16 - 12	3.45	1.84	.81	1 3/8	1 1/2	---
	108093	DC16-20FJ	HY16-20FJ	1	1 5/8 - 12	3.70	2.09	.81	1 3/4	2	---
	108095	DC18-20FJ	HY18-20FJ	1 1/8	1 5/8 - 12	3.70	2.09	.94	1 3/4	2	---
	108097	DC20-16FJ	HY20-16FJ	1 1/4	1 5/16 - 12	3.84	2.00	1.03	1 3/4	1 1/2	---
	108098	DC20-20FJ	HY20-20FJ	1 1/4	1 5/8 - 12	4.09	2.25	1.03	2	2	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

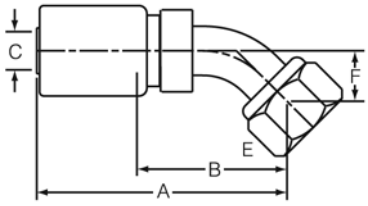
Female Swivel 37° Flare (JIC)



Style: FJ
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108098A	DC22-24FJ	HY22-24FJ	1 3/8	1 7/8 - 12	4.56	2.72	1.16	2	2 1/4	---

45° Bent Tube Female Swivel 37° Flare (JIC)

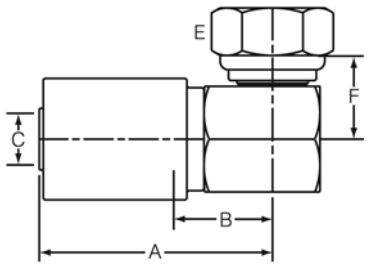


Style: FJ45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108565	DC04-04FJ45T	HY04-04FJ45T	1/4	7/16 - 20	3.24	1.88	.16	---	9/16	.33
	108566	DC04-05FJ45T	HY04-05FJ45T	1/4	1/2 - 20	3.27	1.91	.16	---	5/8	.36
	108567	DC04-06FJ45T	HY04-06FJ45T	1/4	9/16 - 18	3.34	2.00	.16	---	3/4	.39
	108568	DC05-06FJ45T	HY05-06FJ45T	5/16	9/16 - 18	3.34	2.00	.20	---	11/16	.39
	108569	DC06-05FJ45T	HY06-05FJ45T	3/8	1/2 - 20	3.29	1.94	.27	---	5/8	.36
	108570	DC06-06FJ45T	HY06-06FJ45T	3/8	9/16 - 18	3.33	1.97	.27	---	11/16	.39
	108571	DC06-08FJ45T	HY06-08FJ45T	3/8	3/4 - 16	3.66	2.31	.27	---	7/8	.54
N	108572	DC07-06FJ45T	HY07-06FJ45T	13/32	9/16 - 18	3.33	1.97	.31	---	11/16	.39
	108573	DC08-08FJ45T	HY08-08FJ45T	1/2	3/4 - 16	3.77	2.41	.38	---	7/8	.54
	108574	DC08-10FJ45T	HY08-10FJ45T	1/2	7/8 - 14	3.41	2.06	.38	---	1	.63
	108577	DC10-10FJ45T	HY10-10FJ45T	5/8	7/8 - 14	3.69	2.31	.50	---	1	.63
	108578	DC10-12FJ45T	HY10-12FJ45T	5/8	1 1/16 - 12	3.94	2.56	.50	---	1 1/8	.77
	108581	DC12-12FJ45T	HY12-12FJ45T	3/4	1 1/16 - 12	3.89	2.31	.61	---	1 1/4	.77
	108584	DC12-16FJ45T	HY12-16FJ45T	3/4	1 5/16 - 12	4.35	2.78	.61	---	1 1/2	.89
	108585	DC16-12FJ45T	HY16-12FJ45T	1	1 1/16 - 12	3.92	2.31	.81	---	1 1/4	.77
	108586	DC16-16FJ45T	HY16-16FJ45T	1	1 5/16 - 12	4.31	2.69	.81	---	1 1/2	.89
	108587A	DC20-20FJ45T	HY20-20FJ45T	1 1/4	1 5/8 - 12	5.23	3.41	1.03	---	2	1.11

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Block Female Swivel 37° Flare (JIC)

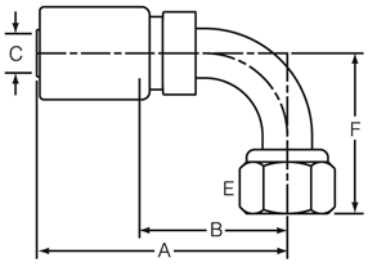


Style: FJ90
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108590	DC06-06FJ90	HY06-06FJ90	3/8	9/16 - 18	2.33	.97	.27	---	11/16	1.00
	108591	DC06-08FJ90	HY06-08FJ90	3/8	3/4 - 16	2.33	.97	.27	---	7/8	1.00
	108592	DC08-08FJ90	HY08-08FJ90	1/2	3/4 - 16	3.00	1.09	.38	---	7/8	1.06
	108593	DC08-10FJ90	HY08-10FJ90	1/2	7/8 - 14	3.00	1.09	.38	---	1	1.06
	108595	DC10-10FJ90	HY10-10FJ90	5/8	7/8 - 14	3.11	1.16	.50	---	1	1.17
	108596	DC12-10FJ90	HY12-10FJ90	3/4	7/8 - 14	3.25	1.19	.61	---	1	1.28
	108597	DC12-12FJ90	HY12-12FJ90	3/4	1 1/16 - 12	3.33	1.19	.61	---	1 1/4	1.28
	108598	DC12-16FJ90	HY12-16FJ90	3/4	1 5/16 - 12	3.33	1.19	.61	---	1 1/2	1.09

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Female Swivel 37° Flare (JIC)

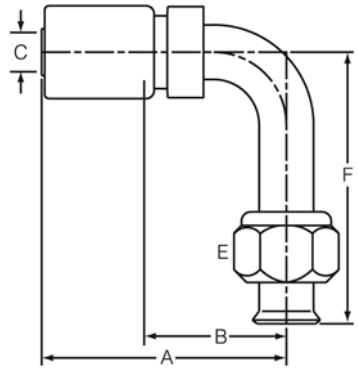


Style: FJ90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108600	DC04-04FJ90T	HY04-04FJ90T	1/4	7/16 - 20	3.13	1.78	.16	---	9/16	.69
	108600BK	DC04-04FJ90T	HY04-04FJ90T	1/4	7/16 - 20	3.13	1.78	.16	---	9/16	.69
	108601	DC04-05FJ90T	HY04-05FJ90T	1/4	1/2 - 20	3.16	1.81	.16	---	5/8	.77
	108602	DC04-06FJ90T	HY04-06FJ90T	1/4	9/16 - 18	3.25	1.91	.16	---	3/4	.86
	108602BK	DC04-06FJ90T	HY04-06FJ90T	1/4	9/16 - 18	3.25	1.91	.16	---	3/4	.86
	108603	DC05-05FJ90T	HY05-05FJ90T	5/16	1/2 - 20	3.19	1.84	.20	---	5/8	.77
	108604	DC06-05FJ90T	HY06-05FJ90T	3/8	1/2 - 20	3.18	1.81	.27	---	5/8	.76
	108605	DC06-06FJ90T	HY06-06FJ90T	3/8	9/16 - 18	3.23	1.88	.27	---	11/16	.86
N	108605A	DC07-06FJ90T	HY07-06FJ90T	13/32	9/16 - 18	3.23	1.88	.31	---	11/16	.86
	108605BK	DC06-06FJ90T	HY06-06FJ90T	3/8	9/16 - 18	3.23	1.88	.27	---	11/16	.86
	108606	DC07-08FJ90T	HY07-08FJ90T	13/32	3/4 - 16	3.03	1.69	.31	---	7/8	1.09
	108607	DC06-08FJ90T	HY06-08FJ90T	3/8	3/4 - 16	3.48	2.13	.27	---	7/8	1.12
	108607BK	DC06-08FJ90T	HY06-08FJ90T	3/8	3/4 - 16	3.48	2.13	.27	---	7/8	1.12
	108608	DC05-06FJ90T	HY05-06FJ90T	5/16	9/16 - 18	3.25	1.91	.20	---	11/16	.86
	108609	DC08-08FJ90T	HY08-08FJ90T	1/2	3/4 - 16	3.59	2.25	.38	---	7/8	1.13
	108609BK	DC08-08FJ90T	HY08-08FJ90T	1/2	3/4 - 16	3.59	2.25	.38	---	7/8	1.13
	108610	DC08-10FJ90T	HY08-10FJ90T	1/2	7/8 - 14	3.11	1.75	.38	---	1	1.23
	108610BK	DC08-10FJ90T	HY08-10FJ90T	1/2	7/8 - 14	3.11	1.75	.38	---	1	1.23
	108611	DC08-12FJ90T	HY08-12FJ90T	1/2	1 1/16 - 12	3.61	2.25	.38	---	1 1/4	1.83
	108612	DC08-06FJ90T	HY08-06FJ90T	1/2	9/16 - 18	3.41	2.06	.38	---	11/16	.86
	108613	DC10-10FJ90T	HY10-10FJ90T	5/8	7/8 - 14	3.39	2.00	.50	---	1	1.23
	108614	DC10-12FJ90T	HY10-12FJ90T	5/8	1 1/16 - 12	3.89	2.50	.50	---	1 1/4	1.83
	108615	DC12-10FJ90T	HY12-10FJ90T	3/4	7/8 - 14	3.25	1.69	.61	---	1	1.23
	108617	DC12-12FJ90T	HY12-12FJ90T	3/4	1 1/16 - 12	3.84	2.28	.61	---	1 1/4	1.83
	108617BK	DC12-12FJ90T	HY12-12FJ90T	3/4	1 1/16 - 12	3.84	2.28	.61	---	1 1/4	1.83
	108620	DC12-16FJ90T	HY12-16FJ90T	3/4	1 5/16 - 12	4.33	2.78	.61	---	1 1/2	2.14
	108621	DC14-16FJ90T	HY14-16FJ90T	7/8	1 5/16 - 12	3.97	2.50	.72	---	1 1/2	2.14
	108622	DC16-16FJ90T	HY16-16FJ90T	1	1 5/16 - 12	4.31	2.69	.81	---	1 1/2	2.31
	108628	DC20-20FJ90T	HY20-20FJ90T	1 1/4	1 5/8 - 12	5.58	3.75	1.03	---	2	2.58

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

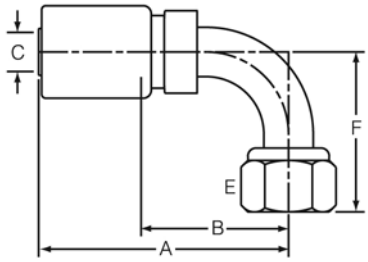
90° Long Drop Bent Tube Female Swivel 37° Flare (JIC)



Style: FJ90TL
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108640	DC04-04FJ90TL	HY04-04FJ90TL	1/4	7/16 - 20	3.13	1.78	.16	---	9/16	1.80
	108641	DC04-05FJ90TL	HY04-05FJ90TL	1/4	1/2 - 20	3.16	1.81	.16	---	5/8	1.77
	108642	DC04-06FJ90TL	HY04-06FJ90TL	1/4	9/16 - 18	3.22	1.88	.16	---	11/16	2.19
	108645	DC06-06FJ90TL	HY06-06FJ90TL	3/8	9/16 - 18	3.23	1.88	.27	---	11/16	2.19
	108646	DC06-08FJ90TL	HY06-08FJ90TL	3/8	3/4 - 16	3.48	2.13	.27	---	7/8	2.44
	108648	DC08-08FJ90TL	HY08-08FJ90TL	1/2	3/4 - 16	3.59	2.25	.38	---	7/8	2.44
	108649	DC08-10FJ90TL	HY08-10FJ90TL	1/2	7/8 - 14	3.36	2.00	.38	---	1	2.58
	108651	DC10-12FJ90TL	HY10-12FJ90TL	5/8	1 1/16 - 12	3.89	2.50	.50	---	1 1/4	3.73
	108656	DC12-12FJ90TL	HY12-12FJ90TL	3/4	1 1/16 - 12	3.59	2.03	.61	---	1 1/4	3.73
	108661	DC16-16FJ90TL	HY16-16FJ90TL	1	1 5/16 - 12	4.56	2.94	.81	---	1 1/2	4.33

90° Medium Drop Bent Tube Female Swivel 37° Flare (JIC)



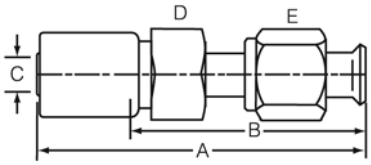
Style: FJ90TM
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
N	108632	DC04-04FJ90TM	DC04-04FJ90TM	1/4	7/16-20	2.94	1.78	.16		9/16	.88
N	108633	DC06-06FJ90TM	DC06-06FJ90TM	3/8	9/16-18	3.23	1.88	.27		11/16	1.13
N	108634	DC08-08FJ90TM	DC08-08FJ90TM	1/2	3/4-16	3.59	2.25	.38		7/8	1.38
N	108635	DC10-10FJ90TM	DC10-10FJ90TM	5/8	7/8-14	3.39	2.00	.50		1	1.75
N	108636	DC12-12FJ90TM	DC12-12FJ90TM	3/4	1 1/16-12	3.84	2.28	.61		1 1/4	2.06

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

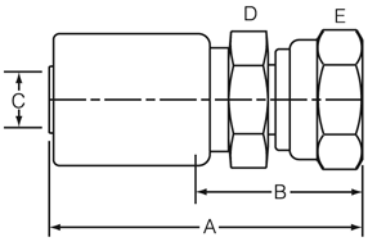
Straight Tube Female Swivel 37° Flare (JIC)



Style: FJT
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108490	DC04-04FJT	HY04-04FJT	1/4	7/16 - 20	3.16	1.72	.16	---	---	---
	108491	DC04-05FJT	HY04-05FJT	1/4	1/2 - 20	3.16	1.72	.16	---	---	---
	108494	DC06-05FJT	HY06-05FJT	3/8	1/2 - 20	3.17	1.70	.27	---	---	---
	108495	DC06-06FJT	HY06-06FJT	3/8	9/16 - 18	3.73	2.26	.27	---	---	---
	108496	DC06-08FJT	HY06-08FJT	3/8	3/4 - 16	3.86	2.39	.27	---	---	---
	108498	DC08-08FJT	HY08-08FJT	1/2	3/4 - 16	3.97	2.47	.38	---	---	---
	108499	DC08-10FJT	HY08-10FJT	1/2	7/8 - 14	4.22	2.72	.38	---	---	---

NPSM Female Swivel 30° Cone Seat

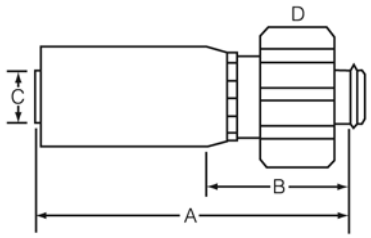


Style: FN
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108110	DC04-02FN	HY04-02FN	1/4	1/8 - 27	2.47	1.13	.16	9/16	1/2	---
	108111	DC04-04FN	HY04-04FN	1/4	1/4 - 18	2.66	1.31	.16	9/16	11/16	---
	108112	DC04-06FN	HY04-06FN	1/4	3/8 - 18	2.72	1.38	.16	3/4	7/8	---
	108114	DC06-06FN	HY06-06FN	3/8	3/8 - 18	2.73	1.38	.27	13/16	7/8	---
	108116	DC08-08FN	HY08-08FN	1/2	1/2 - 14	2.91	1.56	.38	1	1	---
	108117	DC08-12FN	HY08-12FN	1/2	3/4 - 14	3.05	1.69	.38	1 1/4	1 1/4	---
	108118	DC12-12FN	HY12-12FN	3/4	3/4 - 14	3.22	1.66	.61	1 1/4	1 1/4	---
	108119	DC16-16FN	HY16-16FN	1	1 - 11 1/2	3.39	1.78	.81	1 3/8	1 1/2	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

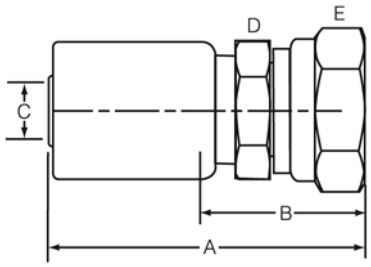
Female Swivel Pressure Washer



Style: KAR
Series: DC
Material: Steel
Recommended Hose: DPW

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108026	DC06-22KAR	DC06-22KAR	3/8	M22 X 1.5	2.76	1.34	.27	---	---	---

Female Swivel 30° Flare for Komatsu®

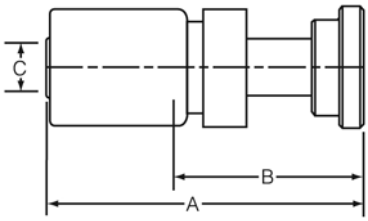


Style: KMF
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	134000	DC04-14KMF	HY04-14KMF	1/4	M14 X 1.5	2.75	1.38	.16	14mm	19mm	---
	134001	DC06-18KMF	HY06-18KMF	3/8	M18 X 1.5	2.81	1.44	.27	19mm	22mm	---
	134002	DC08-22KMF	HY08-22KMF	1/2	M22 X 1.5	3.08	1.72	.38	22mm	27mm	---
	134002A	DC08-24KMF	HY08-24KMF	1/2	M24 X 1.5	3.14	1.72	.38	22mm	30mm	---
	134003	DC10-24KMF	HY10-24KMF	5/8	M24 X 1.5	3.22	1.84	.50	30mm	30mm	---
	134004	DC12-30KMF	HY12-30KMF	3/4	M30 X 1.5	3.31	1.75	.61	32mm	38mm	---
	134005	DC16-33KMF	HY16-33KMF	1	M33 X 1.5	3.62	2.00	.81	36mm	41mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

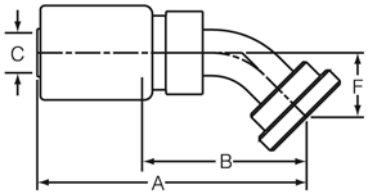
Flange Head for Komatsu®



Style: KOM
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	134010	DC08-10KOM	HY08-10PAK	1/2	1.34	3.62	2.25	.38	---	---	---
	134011	DC10-10KOM	HY10-10PAK	5/8	1.34	3.63	2.25	.50	---	---	---

45° Bent Tube Flange Head for Komatsu®

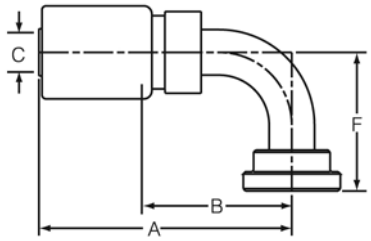


Style: KOM45
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	134012	DC08-10KOM45	HY08-10PAK45	1/2	1.34	3.75	2.31	.38	---	---	.88
	134013	DC10-10KOM45	HY10-10PAK45	5/8	1.34	4.34	2.38	.50	---	---	.88

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

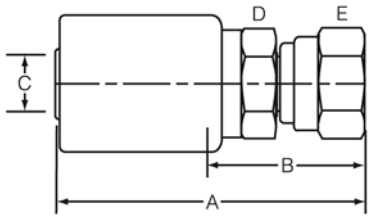
90° Bent Tube Flange Head for Komatsu®



Style: KOM90
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	134014	DC08-10KOM90	HY08-10PAK90	1/2	1.34	3.61	2.22	.38	---	---	1.91
	134015	DC10-10KOM90	HY10-10PAK90	5/8	1.34	3.61	2.22	.50	---	---	1.91

Female Swivel Flareless



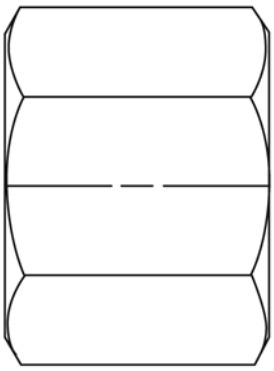
Style: LF
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	108120	DC04-04LF	HY04-04LF	1/4	7/16 - 20	2.64	1.81	.16	9/16	9/16	1/4	---
	108121	DC04-05LF	HY04-05LF	1/4	1/2 - 20	2.69	1.31	.16	5/8	5/8	5/16	---
	108122	DC04-06LF	HY04-06LF	1/4	9/16 - 18	2.77	1.41	.16	5/8	11/16	3/8	---
	108123	DC04-08LF	HY04-08LF	1/4	3/4 - 16	2.75	1.31	.16	3/4	7/8	1/2	---
	108125	DC06-05LF	HY06-05LF	3/8	1/2 - 20	2.70	1.31	.23	11/16	5/8	5/16	---
	108126	DC06-06LF	HY06-06LF	3/8	9/16 - 18	2.78	1.41	.27	11/16	11/16	3/8	---
	108127	DC06-08LF	HY06-08LF	3/8	3/4 - 16	2.77	1.41	.27	7/8	7/8	1/2	---
	108128	DC06-10LF	HY06-10LF	3/8	7/8 - 14	2.86	1.50	.27	1	1	5/8	---
	108130	DC08-08LF	HY08-08LF	1/2	3/4 - 16	2.94	1.59	.38	7/8	7/8	1/2	---
	108131	DC08-10LF	HY08-10LF	1/2	7/8 - 14	3.03	1.69	.38	1	1	5/8	---
	108132	DC08-12LF	HY08-12LF	1/2	1 1/16 - 12	3.05	1.69	.38	7/8	7/8	3/4	---
	108136	DC12-12LF	HY12-12LF	3/4	1 1/16 - 12	3.25	1.81	.61	1 1/4	1 1/4	3/4	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Nut for RZ & MZ Metric Couplings

T1

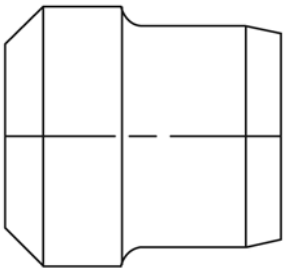


Style: M-56
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116180	M06L-56	M06L-56	---	M12 X 1.5	---	---	---	---	---	L06mm	---
	116181	M08L-56	M08L-56	---	M14 X 1.5	---	---	---	---	---	L08mm	---
	116182	M10L-56	M10L-56	---	M16 X 1.5	---	---	---	---	---	L10mm	---
	116183	M12L-56	M12L-56	---	M18 X 1.5	---	---	---	---	---	L12mm	---
	116184	M15L-56	M15L-56	---	M22 X 1.5	---	---	---	---	---	L15mm	---
D	116185	M18L-56	M18L-56	---	M26 X 1.5	---	---	---	---	---	L18mm	---
	116186	M22L-56	M22L-56	---	M30 X 2.0	---	---	---	---	---	L22mm	---
	116189	M08S-56	M08S-56	---	M16 X 1.5	---	---	---	---	---	S08mm	---
	116190	M10S-56	M10S-56	---	M18 X 1.5	---	---	---	---	---	S10mm	---
	116191	M12S-56	M12S-56	---	M20 X 1.5	---	---	---	---	---	S12mm	---
	116192	M14S-56	M14S-56	---	M22 X 1.5	---	---	---	---	---	S14mm	---
	116193	M16S-56	M16S-56	---	M24 X 1.5	---	---	---	---	---	S16mm	---
D	116194	No Change	M20S-56	---	M30 X 2.0	---	---	---	---	---	S20mm	---
D	116195	No Change	M25S-56	---	M36 X 2.0	---	---	---	---	---	S25mm	---

Sleeve for RZ & MZ Couplings

A



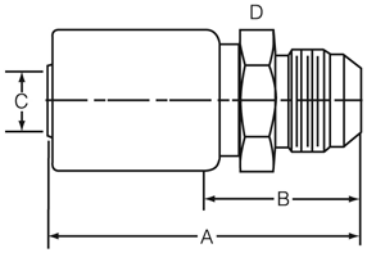
Style: M-73
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116200	M06LS-73	M06LS-73	---	---	---	---	---	---	---	6mm	---
	116201	M08LS-73	M08LS-73	---	---	---	---	---	---	---	8mm	---
	116202	M10LS-73	M10LS-73	---	---	---	---	---	---	---	10mm	---
	116203	M12LS-73	M12LS-73	---	---	---	---	---	---	---	12mm	---
	116204	M15L-73	M15L-73	---	---	---	---	---	---	---	15mm	---
	116205	M18L-73	M18L-73	---	---	---	---	---	---	---	18mm	---
	116208	M14S-73	M14S-73	---	---	---	---	---	---	---	14mm	---
	116209	M16S-73	M16S-73	---	---	---	---	---	---	---	16mm	---
D	116212	M30S-73	M30S-73	---	---	---	---	---	---	---	30mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

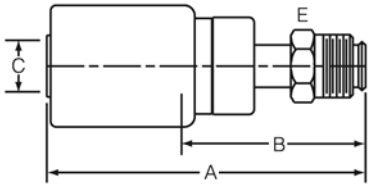
Male 45° Flare



Style: MA
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108900	DC04-04MA	HY04-04MA	1/4	7/16 - 20	2.47	1.13	.16	9/16	---	---
	108901	DC04-06MA	HY04-06MA	1/4	5/8 - 18	2.63	1.28	.16	11/16	---	---
	108902	DC05-05MA	HY05-05MA	5/16	1/2 - 20	2.53	1.19	.20	5/8	---	---
	108905	DC06-06MA	HY06-06MA	3/8	5/8 - 18	2.06	1.25	.27	3/4	---	---
	108906	DC06-08MA	HY06-08MA	3/8	3/4 - 16	2.80	1.44	.27	7/8	---	---
	108908	DC08-08MA	HY08-08MA	1/2	3/4 - 16	2.91	1.56	.38	7/8	---	---

Male Swivel Inverted Flare

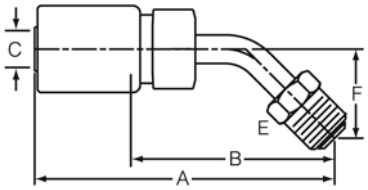


Style: MF
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108413	DC04-03MF	HY04-03MF	1/4	3/8 - 24	3.09	1.75	.16	---	3/8	---
	108414	DC05-05MF	HY05-05MF	5/16	1/2 - 20	3.41	2.06	.20	---	1/2	---
	108415	DC04-04MF	HY04-04MF	1/4	7/16 - 24	3.28	1.94	.16	---	7/16	---
	108416	DC04-05MF	HY04-05MF	1/4	1/2 - 20	3.34	2.00	.16	---	1/2	---
	108417	DC05-06MF	HY05-06MF	5/16	5/8 - 18	3.75	2.41	.20	---	5/8	---
	108418	DC06-04MF	HY06-04MF	3/8	7/16 - 24	3.11	1.75	.19	---	7/16	---
	108419	DC06-05MF	HY06-05MF	3/8	1/2 - 20	3.17	1.81	.27	---	1/2	---
	108420	DC06-06MF	HY06-06MF	3/8	5/8 - 18	3.73	2.38	.27	---	5/8	---
	108421	DC06-08MF	HY06-08MF	3/8	3/4 - 18	3.42	2.06	.27	---	3/4	---
	108423	DC08-08MF	HY08-08MF	1/2	3/4 - 18	3.66	2.31	.38	---	3/4	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

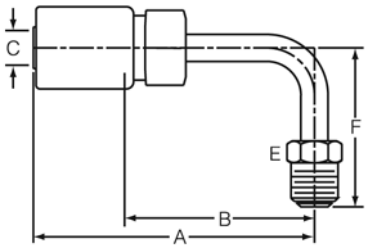
45° Bent Tube Male Swivel Inverted Flare



Style: MF45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108439	DC04-03MF45T	HY04-03MF45T	1/4	3/8 - 24	3.03	1.69	.16	---	3/8	.72
	108440	DC04-04MF45T	HY04-04MF45T	1/4	7/16 - 24	3.31	1.97	.16	---	7/16	.78
	108441	DC04-05MF45T	HY04-05MF45T	1/4	1/2 - 20	3.55	2.19	.16	---	1/2	.88
	108443	DC05-06MF45T	HY05-06MF45T	5/16	5/8 - 18	4.17	2.81	.20	---	5/8	.94
	108444	DC06-05MF45T	HY06-05MF45T	3/8	1/2 - 20	3.38	2.03	.27	---	1/2	.88
	108445	DC06-06MF45T	HY06-06MF45T	3/8	5/8 - 18	4.16	2.81	.27	---	5/8	.94
	108446	DC06-08MF45T	HY06-08MF45T	3/8	3/4 - 18	4.17	2.81	.27	---	3/4	1.06
	108448	DC08-08MF45T	HY08-08MF45T	1/2	3/4 - 18	4.22	2.88	.38	---	3/4	1.06

90° Bent Tube Male Swivel Inverted Flare



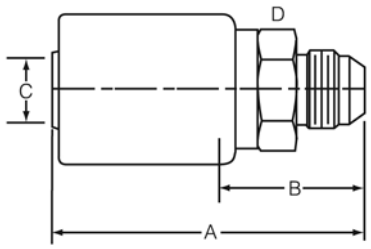
Style: MF90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108464	DC04-03MF90T	HY04-03MF90T	1/4	3/8 - 24	3.09	1.75	.16	---	3/8	1.38
	108465	DC04-04MF90T	HY04-04MF90T	1/4	7/16 - 24	3.28	1.94	.16	---	7/16	1.47
	108466	DC04-05MF90T	HY04-05MF90T	1/4	1/2 - 20	3.52	2.16	.16	---	1/2	1.66
	108467	DC05-06MF90T	HY05-06MF90T	5/16	5/8 - 18	4.05	2.69	.20	---	5/8	1.69
	108468	DC06-04MF90T	HY06-04MF90T	3/8	7/16 - 24	3.11	1.75	.19	---	7/16	1.66
	108469	DC06-05MF90T	HY06-05MF90T	3/8	1/2 - 20	3.34	2.00	.27	---	1/2	1.66
	108470	DC06-06MF90T	HY06-06MF90T	3/8	5/8 - 18	4.03	2.69	.27	---	5/8	1.69
	108471	DC06-07MF90T	HY06-07MF90T	3/8	11/16 - 18	4.16	2.81	.27	---	11/16	1.69
	108472	DC06-08MF90T	HY06-08MF90T	3/8	3/4 - 18	4.05	2.72	.27	---	3/4	1.88
	108474	DC08-08MF90T	HY08-08MF90T	1/2	3/4 - 18	4.09	2.75	.38	---	3/4	1.88

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

Male 37° Flare

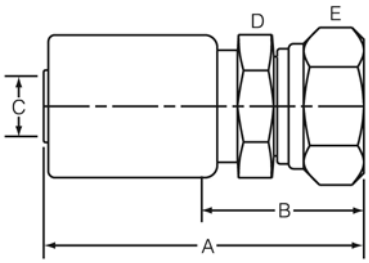


Style: MJ
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108209	DC05-05MJ	HY05-05MJ	5/16	1/2 - 20	2.55	1.19	.20	5/8	---	---
	108210	DC04-04MJ	HY04-04MJ	1/4	7/16 - 20	2.52	1.19	.16	5/8	---	---
	108210BK	DC04-04MJ	HY04-04MJ	1/4	7/16 - 20	2.52	1.19	.16	5/8	---	---
	108211	DC04-05MJ	HY04-05MJ	1/4	1/2 - 20	2.52	1.19	.16	5/8	---	---
	108212	DC04-06MJ	HY04-06MJ	1/4	9/16 - 18	2.53	1.19	.16	11/16	---	---
	108212BK	DC04-06MJ	HY04-06MJ	1/4	9/16 - 18	2.53	1.19	.16	11/16	---	---
	108213	DC05-06MJ	HY05-06MJ	5/16	9/16 - 18	2.56	1.22	.20	11/16	---	---
	108215	DC06-06MJ	HY06-06MJ	3/8	9/16 - 18	2.54	1.19	.27	11/16	---	---
	108215BK	DC06-06MJ	HY06-06MJ	3/8	9/16 - 18	2.54	1.19	.27	11/16	---	---
	108216	DC06-08MJ	HY06-08MJ	3/8	3/4 - 16	2.64	1.28	.27	13/16	---	---
	108216A	DC06-10MJ	HY06-10MJ	3/8	7/8 - 14	2.81	1.28	.31	7/8	---	---
	108216BK	DC06-08MJ	HY06-08MJ	3/8	3/4 - 16	2.64	1.28	.27	13/16	---	---
	108217	DC07-08MJ	HY07-08MJ	13/32	3/4 - 16	2.64	1.28	.31	7/8	---	---
	108218	DC08-08MJ	HY08-08MJ	1/2	3/4 - 16	2.81	1.47	.38	7/8	---	---
	108218BK	DC08-08MJ	HY08-08MJ	1/2	3/4 - 16	2.81	1.47	.38	7/8	---	---
	108219	DC08-10MJ	HY08-10MJ	1/2	7/8 - 14	2.91	1.56	.38	1	---	---
	108219BK	DC08-10MJ	HY08-10MJ	1/2	7/8 - 14	2.91	1.56	.38	1	---	---
	108220	DC08-12MJ	HY08-12MJ	1/2	1 1/16 - 12	3.02	1.66	.38	1 1/8	---	---
	108221	DC08-06MJ	HY08-06MJ	1/2	9/16 - 18	2.72	1.38	.30	7/8	---	---
	108222	DC10-10MJ	HY10-10MJ	5/8	7/8 - 14	2.98	1.59	.50	1 1/8	---	---
	108223	DC10-12MJ	HY10-12MJ	5/8	1 1/16 - 12	3.09	1.72	.50	1 1/8	---	---
	108224	DC12-10MJ	HY12-10MJ	3/4	7/8 - 14	3.08	1.50	.61	1 1/4	---	---
	108226	DC12-12MJ	HY12-12MJ	3/4	1 1/16 - 12	3.19	1.63	.61	1 1/4	---	---
	108226BK	DC12-12MJ	HY12-12MJ	3/4	1 1/16 - 12	3.19	1.63	.61	1 1/4	---	---
	108228	DC12-14MJ	HY12-14MJ	3/4	1 3/16 - 12	3.19	1.63	.61	1 1/4	---	---
	108230	DC12-16MJ	HY12-16MJ	3/4	1 5/16 - 12	3.23	1.66	.61	1 3/8	---	---
	108233	DC16-16MJ	HY16-16MJ	1	1 5/16 - 12	3.93	1.78	.81	1 3/8	---	---
	108234	DC20-20MJ	HY20-20MJ	1 1/4	1 5/8 - 12	3.83	2.00	1.03	1 3/4	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

J.I.S. Female Swivel 30° Flare



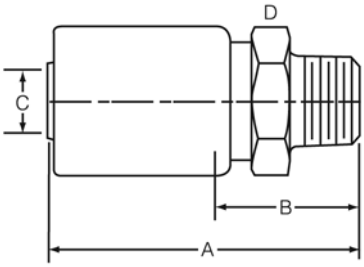
Style: MJPF
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	134016	DC04-04MJPF	HY04-04MJPF	1/4	1/4 - 19	2.62	1.28	.16	19mm	17mm	---
	134017	DC06-06MJPF	HY06-06MJPF	3/8	3/8 - 19	2.70	1.34	.27	22mm	19mm	---
	134018	DC08-08MJPF	HY08-08MJPF	1/2	1/2 - 14	3.01	1.66	.38	27mm	24mm	---
	134020	DC12-12MJPF	HY12-12MJPF	3/4	3/4 - 14	3.25	1.69	.61	36mm	32mm	---
	134021	DC16-16MJPF	HY16-16MJPF	1	1 - 11	3.45	1.84	.81	41mm	36mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

NPTF Male



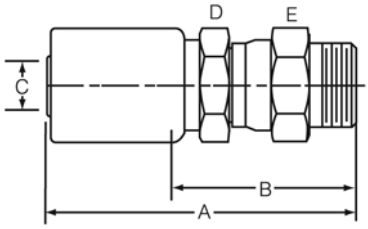
Style: MP
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108240	DC04-02MP	HY04-02MP	1/4	1/8 - 27	2.34	1.00	.16	5/8	---	---
	108240BK	DC04-02MP	HY04-02MP	1/4	1/8 - 27	2.34	1.00	.16	5/8	---	---
	108241	DC04-04MP	HY04-04MP	1/4	1/4 - 18	2.53	1.19	.16	9/16	---	---
	108241BK	DC04-04MP	HY04-04MP	1/4	1/4 - 18	2.53	1.19	.16	9/16	---	---
	108243	DC04-06MP	HY04-06MP	1/4	3/8 - 18	2.53	1.19	.16	3/4	---	---
	108243BK	DC04-06MP	HY04-06MP	1/4	3/8 - 18	2.53	1.19	.16	3/4	---	---
	108244	DC04-08MP	HY04-08MP	1/4	1/2 - 14	2.72	1.38	.16	7/8	---	---
	108245	DC06-04MP	HY06-04MP	3/8	1/4 - 18	2.55	1.19	.27	11/16	---	---
	108245BK	DC06-04MP	HY06-04MP	3/8	1/4 - 18	2.55	1.19	.27	11/16	---	---
	108246	DC06-06MP	HY06-06MP	3/8	3/8 - 18	2.55	1.19	.27	3/4	---	---
	108246BK	DC06-06MP	HY06-06MP	3/8	3/8 - 18	2.55	1.19	.27	3/4	---	---
	108247	DC06-08MP	HY06-08MP	3/8	1/2 - 14	2.73	1.38	.27	7/8	---	---
	108247BK	DC06-08MP	HY06-08MP	3/8	1/2 - 14	2.73	1.38	.27	7/8	---	---
	108248	DC08-06MP	HY08-06MP	1/2	3/8 - 18	2.72	1.38	.38	7/8	---	---
	108248BK	DC08-06MP	HY08-06MP	1/2	3/8 - 18	2.72	1.38	.38	7/8	---	---
	108249	DC08-08MP	HY08-08MP	1/2	1/2 - 14	2.91	1.56	.38	7/8	---	---
	108249BK	DC08-08MP	HY08-08MP	1/2	1/2 - 14	2.91	1.56	.38	7/8	---	---
	108250	DC07-06MP	HY07-06MP	13/32	3/8 - 18	2.55	1.19	.31	7/8	---	---
	108251	DC08-12MP	HY08-12MP	1/2	3/4 - 14	2.91	1.56	.38	1 1/16	---	---
	108252	DC10-08MP	HY10-08MP	5/8	1/2 - 14	2.94	1.59	.50	1 1/8	---	---
	108253	DC07-08MP	HY07-08MP	13/32	1/2 - 14	2.73	1.38	.31	7/8	---	---
	108254	DC10-12MP	HY10-12MP	5/8	3/4 - 14	2.98	1.59	.50	1 1/8	---	---
	108255	DC12-08MP	HY12-08MP	3/4	1/2 - 14	3.08	1.50	.61	1 1/4	---	---
	108257	DC12-12MP	HY12-12MP	3/4	3/4 - 14	3.08	1.50	.61	1 1/4	---	---
	108257BK	DC12-12MP	HY12-12MP	3/4	3/4 - 14	3.08	1.50	.61	1 1/4	---	---
	108259	DC14-16MP	HY14-16MP	7/8	1 - 11 1/2	3.27	1.78	.72	1 3/8	---	---
	108260	DC12-16MP	HY12-16MP	3/4	1 - 11 1/2	3.27	1.69	.61	1 3/8	---	---
	108261	DC16-12MP	HY16-12MP	1	3/4 - 14	3.23	1.63	.81	1 3/8	---	---
	108263	DC16-16MP	HY16-16MP	1	1 - 11 1/2	3.42	1.81	.81	1 3/8	---	---
	108263BK	DC16-16MP	HY16-16MP	1	1 - 11 1/2	3.42	1.81	.81	1 3/8	---	---
	108264	DC05-04MP	HY05-04MP	5/16	1/4 - 18	2.56	1.22	.20	11/16	---	---
	108265	DC05-06MP	HY05-06MP	5/16	3/8 - 18	2.56	1.22	.20	3/4	---	---
	108267	DC18-20MP	HY18-20MP	1 1/8	1 1/4 - 11 1/2	3.45	1.84	.94	1 11/16	---	---
	108268	DC20-20MP	HY20-20MP	1 1/4	1 1/4 - 11 1/2	3.84	2.00	1.03	1 3/4	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

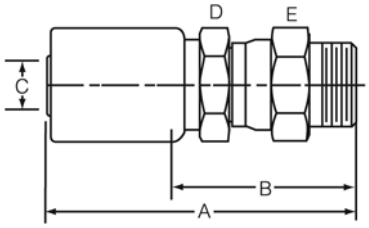
NPTF Male Swivel W/out 30° Chamfer



Style: MS
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108180	DC04-02MS	HY04-02MS	1/4	1/8 - 27	2.97	1.63	.16	5/8	9/16	---
	108181	DC04-04MS	HY04-04MS	1/4	1/4 - 18	3.06	1.72	.16	5/8	9/16	---
	108181BK	DC04-04MS	HY04-04MS	1/4	1/4 - 18	3.06	1.72	.16	5/8	9/16	---
	108183	DC04-06MS	HY04-06MS	1/4	3/8 - 18	3.13	1.78	.16	11/16	5/8	---
	108184	DC06-04MS	HY06-04MS	3/8	1/4 - 18	3.17	1.81	.27	11/16	11/16	---
	108184BK	DC06-04MS	HY06-04MS	3/8	1/4 - 18	3.17	1.81	.27	11/16	11/16	---
	108186	DC06-06MS	HY06-06MS	3/8	3/8 - 18	3.11	1.75	.27	11/16	11/16	---
	108186BK	DC06-06MS	HY06-06MS	3/8	3/8 - 18	3.11	1.75	.27	11/16	11/16	---
	108187	DC06-08MS	HY06-08MS	3/8	1/2 - 14	3.38	2.03	.27	7/8	7/8	---
	108187BK	DC06-08MS	HY06-08MS	3/8	1/2 - 14	3.38	2.03	.27	7/8	7/8	---
	108188	DC08-06MS	HY08-06MS	1/2	3/8 - 18	3.31	1.97	.38	7/8	7/8	---
	108189	DC08-08MS	HY08-08MS	1/2	1/2 - 14	3.50	2.16	.38	7/8	7/8	---
	108189BK	DC08-08MS	HY08-08MS	1/2	1/2 - 14	3.50	2.16	.38	7/8	7/8	---
	108190	DC10-08MS	HY10-08MS	5/8	1/2 - 14	3.64	2.14	.50	1 1/4	7/8	---
	108192	DC10-12MS	HY10-12MS	5/8	3/4 - 14	3.86	2.47	.50	1 1/4	1 1/4	---
	108195	DC12-12MS	HY12-12MS	3/4	3/4 - 14	3.95	2.38	.61	1 1/4	1 1/4	---
	108195BK	DC12-12MS	HY12-12MS	3/4	3/4 - 14	3.95	2.38	.61	1 1/4	1 1/4	---
	108201	DC16-16MS	HY16-16MS	1	1 - 11 1/2	4.23	2.63	.81	1 1/2	1 1/2	---
	108201BK	DC16-16MS	HY16-16MS	1	1 - 11 1/2	4.23	2.63	.81	1 1/2	1 1/2	---

NPTF Male Swivel 30° Chamfer



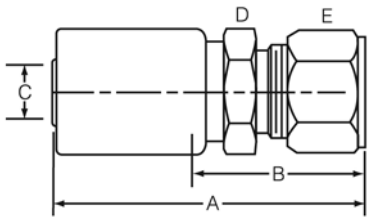
Style: MSC
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
N	108352	DC06-06MSC	DC06-06MSC	3/8	3/8 - 18	3.11	1.75	.27	11/16	11/16	---
N	108355	DC08-08MSC	DC08-08MSC	1/2	1/2 - 14	3.50	2.16	.38	7/8	7/8	---
N	108361	DC12-12MSC	DC12-12MSC	3/4	3/4 - 14	3.95	2.38	.61	1 1/4	1 1/4	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

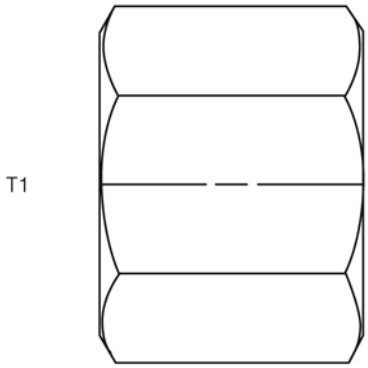
Male Flareless with Nut & Sleeve



Style: MV
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	108150	DC04-04MV	HY04-04MV	1/4	7/16 - 20	2.84	1.50	.16	9/16	9/16	1/4	---
	108151	DC04-05MV	HY04-05MV	1/4	1/2 - 20	2.84	1.50	.16	5/8	5/8	5/16	---
	108152	DC04-06MV	HY04-06MV	1/4	9/16 - 18	2.91	1.59	.16	5/8	11/16	3/8	---
	108153	DC04-08MV	HY04-08MV	1/4	3/4 - 16	3.06	1.72	.16	7/8	7/8	1/2	---
	108154	DC06-04MV	HY06-04MV	3/8	7/16 - 20	2.86	1.50	.27	3/4	9/16	1/4	---
	108155	DC06-05MV	HY06-05MV	3/8	1/2 - 20	2.86	1.50	.27	3/4	5/8	5/16	---
	108156	DC06-06MV	HY06-06MV	3/8	9/16 - 18	2.92	1.56	.27	11/16	11/16	3/8	---
	108156BK	DC06-06MV	HY06-06MV	3/8	9/16 - 18	3.23	1.88	.27	11/16	11/16	3/8	---
	108157	DC06-08MV	HY06-08MV	3/8	3/4 - 16	3.11	1.75	.27	7/8	7/8	1/2	---
	108158	DC06-10MV	HY06-10MV	3/8	7/8 - 14	3.20	1.84	.27	15/16	1	5/8	---
	108160	DC08-08MV	HY08-08MV	1/2	3/4 - 16	3.22	1.88	.38	7/8	7/8	1/2	---
	108161	DC08-10MV	HY08-10MV	1/2	7/8 - 14	3.13	1.97	.38	1	1	5/8	---
	108162	DC08-12MV	HY08-12MV	1/2	1 1/16 - 12	3.38	2.00	.38	1 1/4	1 1/4	3/4	---
	108168	DC12-12MV	HY12-12MV	3/4	1 1/16 - 12	3.58	2.00	.61	1 1/4	1 1/4	3/4	---
	108171	DC12-16MV	HY12-16MV	3/4	1 5/16 - 12	3.58	2.00	.61	1 3/8	1 1/2	1	---
	108175	DC16-16MV	HY16-16MV	1	1 5/16 - 12	3.83	2.22	.81	1	1 1/2	1	---

Nut for MV Couplings

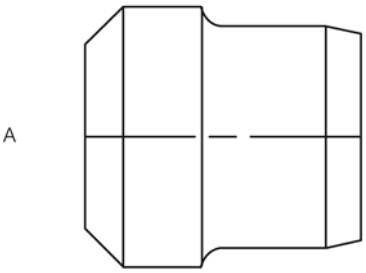


Style: MV Nut
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	108150A	MVA-04	MVA-04	---	7/16 - 20	---	---	---	---	---	1/4	---
	108151A	MVA-05	MVA-05	---	1/2 - 20	---	---	---	---	---	5/16	---
	108156A	MVA-06	MVA-06	---	9/16 - 18	---	---	---	---	---	3/8	---
	108160A	MVA-08	MVA-08	---	3/4 - 16	---	---	---	---	---	1/2	---
	108161A	MVA-10	MVA-10	---	7/8 - 14	---	---	---	---	---	5/8	---
	108168A	MVA-12	MVA-12	---	1 1/16 - 12	---	---	---	---	---	3/4	---
	108175A	MVA-16	MVA-16	---	1 5/16 - 12	---	---	---	---	---	1	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Sleeve for MV Couplings

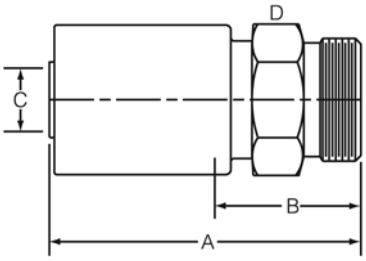


Style: MV Sleeve
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	108150B	MVB-04	MVB-04	---	---	---	---	---	---	---	1/4	---
	108151B	MVB-05	MVB-05	---	---	---	---	---	---	---	5/16	---
	108156B	MVB-06	MVB-06	---	---	---	---	---	---	---	3/8	---
	108160B	MVB-08	MVB-08	---	---	---	---	---	---	---	1/2	---
	108161B	MVB-10	MVB-10	---	---	---	---	---	---	---	5/8	---
	108168B	MVB-12	MVB-12	---	---	---	---	---	---	---	3/4	---
	108175B	MVB-16	MVB-16	---	---	---	---	---	---	---	1	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Male Metric 24° Flare Light and Standard DIN 2353

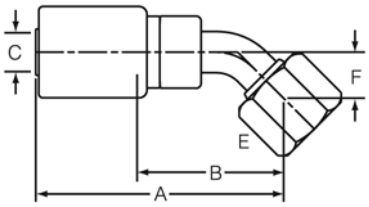


Style: MZ
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116108	DC04-06MZ12A	HY04-06MZ12A	1/4	M12 X 1.5	2.36	1.00	.16	14mm	---	L06mm	---
	116110	DC04-08MZ14A	HY04-08MZ14A	1/4	M14 X 1.5	2.36	1.00	.16	17mm	---	L08mm	---
	116112	DC04-08MZ16A	HY04-08MZ16A	1/4	M16 X 1.5	2.44	1.09	.16	17mm	---	S08mm	---
	116114	DC04-10MZ16A	HY04-10MZ16A	1/4	M16 X 1.5	2.40	1.03	.16	19mm	---	L10mm	---
	116116	DC06-10MZ16A	HY06-10MZ16A	3/8	M16 X 1.5	2.42	1.06	.27	19mm	---	L10mm	---
	116118	DC04-10MZ18A	HY04-10MZ18A	1/4	M18 X 1.5	2.40	1.03	.16	19mm	---	S10mm	---
	116119	DC05-12MZ18A	HY05-12MZ18A	5/16	M18 X 1.5	2.43	1.06	.20	22mm	---	L12mm	---
	116120	DC06-10MZ18A	HY06-10MZ18A	3/8	M18 X 1.5	2.46	1.13	.27	19mm	---	S10mm	---
	116122	DC06-12MZ18A	HY06-12MZ18A	3/8	M18 X 1.5	2.42	1.06	.27	22mm	---	L12mm	---
	116124	DC06-12MZ20A	HY06-12MZ20A	3/8	M20 X 1.5	2.46	1.093	.27	24mm	---	S12mm	---
	116126	DC06-14MZ22A	HY06-14MZ22A	3/8	M22 X 1.5	2.54	1.19	.27	24mm	---	S14mm	---
	116128	DC06-15MZ22A	HY06-15MZ22A	3/8	M22 X 1.5	2.52	1.16	.27	24mm	---	L15mm	---
	116130	DC08-15MZ22A	HY08-15MZ22A	1/2	M22 X 1.5	2.63	1.28	.38	24mm	---	L15mm	---
	116132	DC08-16MZ24A	HY08-16MZ24A	1/2	M24 X 1.5	2.71	1.34	.38	27mm	---	S16mm	---
	116133	DC10-18MZ26A	HY10-18MZ26A	5/8	M26 X 1.5	2.71	1.31	.50	27mm	---	L18mm	---
	116134	DC10-20MZ30B	HY10-20MZ30B	5/8	M30 X 2.0	2.86	1.47	.50	32mm	---	S20mm	---
	116135	DC12-22MZ30B	HY12-22MZ30B	3/4	M30 X 2.0	2.88	1.31	.61	32mm	---	L22mm	---
	116136	DC12-25MZ36B	HY12-25MZ36B	3/4	M36 X 2.0	3.04	1.47	.60	41mm	---	S25mm	---
	116137	DC16-28MZ36B	HY16-28MZ36B	1	M36 X 2.0	3.04	1.41	.81	41mm	---	L28mm	---
	116138	DC16-30MZ42B	HY16-30MZ42B	1	M42 X 2.0	3.27	1.28	.81	46mm	---	S30mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

45° Bent Tube Female Swivel O-Ring Face Seal

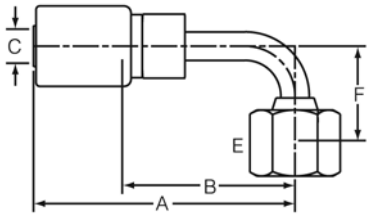


Style: OF45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108740	DC04-04OF45T	HY04-04OF45T	1/4	9/16 - 18	3.22	1.88	.16	---	11/16	.40
	108741	DC04-06OF45T	HY04-06OF45T	1/4	11/16 - 16	3.31	1.97	.16	---	13/16	.44
	108743	DC06-06OF45T	HY06-06OF45T	3/8	11/16 - 16	3.23	1.88	.27	---	13/16	.44
	108744	DC06-08OF45T	HY06-08OF45T	3/8	13/16 - 16	3.37	2.03	.27	---	15/16	.56
	108745	DC08-06OF45T	HY08-06OF45T	1/2	11/16 - 16	3.41	2.06	.38	---	13/16	.44
	108747	DC08-08OF45T	HY08-08OF45T	1/2	13/16 - 16	3.34	2.00	.38	---	15/16	.56
	108748	DC08-10OF45T	HY08-10OF45T	1/2	1 - 14	3.58	2.22	.38	---	1 1/8	.69
	108751	DC10-10OF45T	HY10-10OF45T	5/8	1 - 14	3.59	2.22	.50	---	1 1/8	.69
	108752	DC10-12OF45T	HY10-12OF45T	5/8	1 3/16 - 12	4.11	2.72	.50	---	1 3/8	.83
	108753	DC12-10OF45T	HY12-10OF45T	3/4	1 - 14	3.69	2.13	.61	---	1 1/8	.69
	108755	DC12-12OF45T	HY12-12OF45T	3/4	1 3/16 - 12	4.00	2.44	.61	---	1 3/8	.83
	108756	DC12-16OF45T	HY12-16OF45T	3/4	1 7/16 - 12	4.39	2.84	.61	---	1 5/8	.97
	108760	DC16-16OF45T	HY16-16OF45T	1	1 7/16 - 12	4.55	2.94	.81	---	1 5/8	.97
	108762	DC20-20OF45T	HY20-20OF45T	1 1/4	1 11/16 - 12	5.00	3.19	1.03	---	1 7/8	1.03

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Female Swivel O-Ring Face Seal

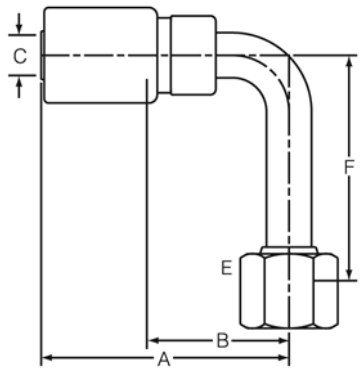


Style: OF90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108770	DC04-04OF90T	HY04-04OF90T	1/4	9/16 - 18	3.06	1.72	.16	---	11/16	.83
	108772	DC04-06OF90T	HY04-06OF90T	1/4	11/16 - 16	3.20	1.84	.16	---	13/16	.95
	108772A	DC05-06OF90T	HY05-06OF90T	5/16	11/16 - 16	3.14	1.72	.20	---	13/16	.91
	108773	DC06-06OF90T	HY06-06OF90T	3/8	11/16 - 16	3.13	1.72	.27	---	13/16	.95
	108773A	DC06-04OF90T	HY06-04OF90T	3/8	9/16 - 18	3.08	1.72	.19	---	11/16	.83
	108774	DC06-08OF90T	HY06-08OF90T	3/8	13/16 - 16	3.19	1.84	.27	---	15/16	1.16
	108774BK	DC06-08OF90T	HY06-08OF90T	3/8	13/16 - 16	3.19	1.84	.27	---	15/16	1.16
	108776	DC08-06OF90T	HY08-06OF90T	1/2	11/16 - 16	3.30	1.94	.25	---	13/16	.95
	108777	DC08-08OF90T	HY08-08OF90T	1/2	13/16 - 16	3.16	1.81	.38	---	15/16	1.16
	108778	DC08-10OF90T	HY08-10OF90T	1/2	1 - 14	3.47	2.13	.38	---	1 1/8	1.33
	108778A	DC10-10OF90T	HY10-10OF90T	5/8	1 - 14	3.42	2.03	.50	---	1 1/8	1.33
	108780	DC12-10OF90T	HY12-10OF90T	3/4	1 - 14	3.52	1.97	.50	---	1 1/8	1.33
	108780A	DC10-12OF90T	HY10-12OF90T	5/8	1 3/16 - 12	3.91	2.53	.50	---	1 3/8	1.91
	108785	DC12-12OF90T	HY12-12OF90T	3/4	1 3/16 - 12	3.92	2.34	.61	---	1 3/8	1.91
	108787	DC12-16OF90T	HY12-16OF90T	3/4	1 7/16 - 12	4.27	2.69	.61	---	1 5/8	2.25
	108790	DC16-16OF90T	HY16-16OF90T	1	1 7/16 - 12	4.45	2.84	.81	---	1 5/8	2.25
	108791	DC16-20OF90T	HY16-20OF90T	1	1 11/16 - 12	4.77	3.16	.81	---	1 7/8	2.51

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Female Swivel O-Ring Face Seal (Long Drop)

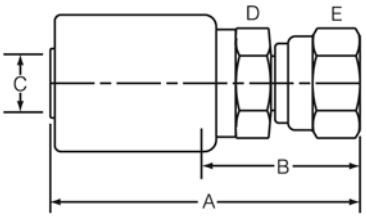


Style: OF90TL
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108981	DC04-04OF90TL	HY04-04OF90TL	1/4	9/16 - 18	3.06	1.72	.16	---	11/16	1.80
	108983	DC06-06OF90TL	HY06-06OF90TL	3/8	11/16 - 16	3.13	1.72	.27	---	13/16	2.13
	108985	DC06-08OF90TL	HY06-08OF90TL	3/8	13/16 - 16	3.05	1.69	.27	---	15/16	2.50
	108987	DC08-08OF90TL	HY08-08OF90TL	1/2	13/16 - 16	3.16	1.81	.38	---	15/16	2.50
	108989	DC08-10OF90TL	HY08-10OF90TL	1/2	1 - 14	3.41	1.81	.38	---	1 1/8	2.77
	108990	DC10-10OF90TL	HY10-10OF90TL	5/8	1 - 14	3.42	2.03	.50	---	1 1/8	2.77
	108991	DC10-12OF90TL	HY10-12OF90TL	5/8	1 3/16 - 12	3.91	2.51	.50	---	1 3/8	3.83
	108992	DC12-12OF90TL	HY12-12OF90TL	3/4	1 3/16 - 12	3.95	2.38	.61	---	1 3/8	3.83
	108993	DC16-16OF90TL	HY16-16OF90TL	1	1 7/16 - 12	4.45	2.84	.81	---	1 5/8	4.50

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Female Swivel O-Ring Face Seal

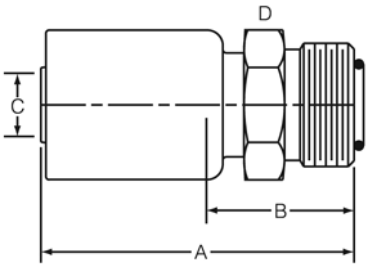


Style: OFT
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108710	DC04-04OFT	HY04-04OFT	1/4	9/16 - 18	2.59	1.25	.16	9/16	11/16	---
	108710BK	DC04-04OFT	HY04-04OFT	1/4	9/16 - 18	2.59	1.25	.16	9/16	11/16	---
	108711	DC04-06OFT	HY04-06OFT	1/4	11/16 - 16	2.67	1.31	.16	5/8	13/16	---
	108712	DC05-06OFT	HY05-06OFT	5/16	11/16 - 16	2.70	1.34	.33	5/8	13/16	---
	108713	DC06-06OFT	HY06-06OFT	3/8	11/16 - 16	2.75	1.34	.27	11/16	13/16	---
	108713BK	DC06-06OFT	HY06-06OFT	3/8	11/16 - 16	2.75	1.34	.27	11/16	13/16	---
	108714	DC06-08OFT	HY06-08OFT	3/8	13/16 - 16	2.84	1.50	.27	7/8	15/16	---
	108715	DC08-06OFT	HY08-06OFT	1/2	11/16 - 16	2.87	1.53	.38	7/8	15/16	---
	108717	DC08-08OFT	HY08-08OFT	1/2	13/16 - 16	2.95	1.59	.38	7/8	15/16	---
	108717BK	DC08-08OFT	HY08-08OFT	1/2	13/16 - 16	2.95	1.59	.38	7/8	15/16	---
	108718	DC08-10OFT	HY08-10OFT	1/2	1 - 14	3.16	1.81	.38	15/16	11/8	---
	108720	DC08-12OFT	HY08-12OFT	1/2	1 3/16 - 12	3.17	1.81	.38	1 1/8	1 3/8	---
	108721	DC10-10OFT	HY10-10OFT	5/8	1 - 14	3.17	1.78	.45	11/8	11/8	---
	108722	DC10-12OFT	HY10-12OFT	5/8	1 3/16 - 12	3.20	1.81	.50	1 1/8	1 3/8	---
	108724	DC12-10OFT	HY12-10OFT	3/4	1 - 14	3.27	1.69	.45	1 1/4	1 1/8	---
	108725	DC12-12OFT	HY12-12OFT	3/4	1 3/16 - 12	3.30	1.72	.55	1 1/4	1 3/8	---
	108725BK	DC12-12OFT	HY12-12OFT	3/4	1 3/16 - 12	3.30	1.72	.55	1 1/4	1 3/8	---
	108727	DC12-16OFT	HY12-16OFT	3/4	1 7/16 - 12	3.44	1.88	.61	1 3/8	1 5/8	---
	108730	DC16-16OFT	HY16-16OFT	1	1 7/16 - 12	3.59	1.97	.81	1 3/8	1 5/8	---
	108731	DC16-20OFT	HY16-20OFT	1	1 11/16 - 12	3.47	2.31	.81	1 5/8	1 7/8	---
	108731A	DC18-20OFT	HY18-20OFT	1 1/8	1 11/16 - 12	3.47	1.84	.94	1 5/8	1 7/8	---
	108732	DC20-20OFT	HY20-20OFT	1 1/4	1 11/16 - 12	3.98	2.16	1.02	1 3/4	1 7/8	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Male O-Ring Face Seal (Furnished with O-Ring)

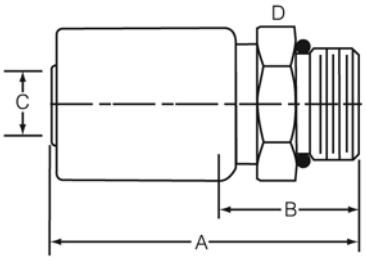


Style: OM
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108099	DC04-04OM	HY04-04OM	1/4	9/16 - 18	2.36	1.00	.16	5/8	---	---
	108100	DC06-06OM	HY06-06OM	3/8	11/16 - 16	2.49	1.13	.27	3/4	---	---
	108101	DC08-08OM	HY08-08OM	1/2	13/16 - 16	2.69	1.34	.38	7/8	---	---
	108103	DC12-12OM	HY12-12OM	3/4	1 3/16 - 12	3.02	1.44	.61	1 1/4	---	---
	108104	DC16-16OM	HY16-16OM	1	1 7/16 - 12	3.17	1.56	.81	1 1/4	---	---
	108105	DC08-12OM	HY08-12OM	1/2	1 3/16 - 12	2.91	1.56	.38	1 1/4	---	---
	108106	DC08-10OM	HY08-10OM	1/2	1 - 14	2.78	1.44	.38	1	---	---
	108107	DC10-10OM	HY10-10OM	5/8	1 - 14	2.86	1.47	.45	1	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Male O-Ring Boss (Furnished with O-Ring)



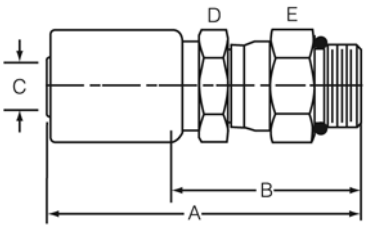
Style: OR
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108275	DC04-04OR	HY04-04RA	1/4	7/16 - 20	2.33	.97	.16	9/16	---	---
	108276	DC04-05OR	HY04-05RA	1/4	1/2 - 20	2.33	.97	.16	5/8	---	---
	108277	DC04-06OR	HY04-06RA	1/4	9/16 - 18	2.42	1.06	.16	11/16	---	---
	108280	DC06-06OR	HY06-06RA	3/8	9/16 - 18	2.38	1.03	.27	11/16	---	---
	108281	DC06-08OR	HY06-08RA	3/8	3/4 - 16	2.42	1.06	.27	7/8	---	---
	108281BK	DC06-08OR	HY06-08RA	3/8	3/4 - 16	2.42	1.06	.27	7/8	---	---
	108282	DC06-10OR	HY06-10RA	3/8	7/8 - 14	2.55	1.19	.27	1	---	---
	108284	DC08-08OR	HY08-08RA	1/2	3/4 - 16	2.59	1.25	.38	7/8	---	---
	108284BK	DC08-08OR	HY08-08RA	1/2	3/4 - 16	2.59	1.25	.38	7/8	---	---
	108285	DC08-10OR	HY08-10RA	1/2	7/8 - 14	2.66	1.31	.38	1	---	---
	108286	DC08-12OR	HY08-12RA	1/2	1 1/16 - 12	2.81	1.47	.38	1 1/4	---	---
	108288	DC10-10OR	HY10-10RA	5/8	7/8 - 14	2.80	1.41	.50	1 1/8	---	---
	108289	DC10-12OR	HY10-12RA	5/8	1 1/16 - 12	2.83	1.44	.50	1 1/4	---	---
	108291	DC12-10OR	HY12-10RA	3/4	7/8 - 14	2.95	1.34	.61	1 1/4	---	---
	108292	DC12-12OR	HY12-12RA	3/4	1 1/16 -12	2.92	1.34	.61	1 1/4	---	---
	108294	DC12-14OR	HY12-14RA	3/4	1 3/16 - 12	2.92	1.34	.61	1 3/8	---	---
	108296	DC12-16OR	HY12-16RA	3/4	1 5/16 - 12	2.92	1.34	.61	1 1/2	---	---
	108298	DC16-12OR	HY16-12RA	1	1 1/16 - 12	3.17	1.56	.81	1 3/8	---	---
	108302	DC16-16OR	HY16-16RA	1	1 5/16 - 12	3.08	1.47	.81	1 1/2	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

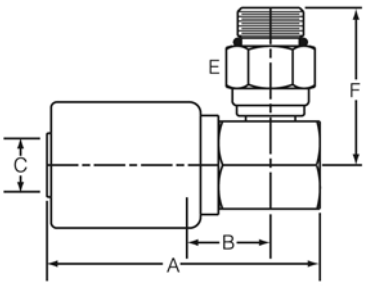
Male Swivel O-Ring Boss (Furnished with O-Ring)



Style: ORS
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108310	DC04-04ORS	HY04-04RC	1/4	7/16 - 20	3.00	1.66	.16	9/16	5/8	---
	108311	DC04-05ORS	HY04-05RC	1/4	1/2 - 20	3.00	1.66	.16	9/16	5/8	---
	108312	DC04-06ORS	HY04-06RC	1/4	9/16 - 18	3.16	1.81	.16	5/8	11/16	---
	108315	DC06-06ORS	HY06-06RC	3/8	9/16 - 18	3.14	1.78	.27	11/16	11/16	---
	108316	DC06-08ORS	HY06-08RC	3/8	3/4 - 16	3.24	1.88	.27	13/16	7/8	---
	108318	DC08-08ORS	HY08-08RC	1/2	3/4 - 16	3.36	2.00	.38	7/8	7/8	---
	108319	DC08-10ORS	HY08-10RC	1/2	7/8 - 14	3.44	2.09	.38	1	1	---
	108320	DC08-12ORS	HY08-12RC	1/2	1 1/16 - 12	3.66	2.31	.38	1 1/4	1 1/4	---
	108321	DC10-10ORS	HY10-10RC	5/8	7/8 - 14	3.58	2.19	.48	1 1/8	1	---
	108326	DC12-12ORS	HY12-12RC	3/4	1 1/16 - 12	3.89	2.31	.61	1 1/4	1 1/4	---
	108330	DC16-16ORS	HY16-16RC	1	1 5/16 - 12	3.95	2.34	.81	1 3/8	1 1/2	---

90° Block Male Swivel O-Ring Boss (Furnished with O-Ring)

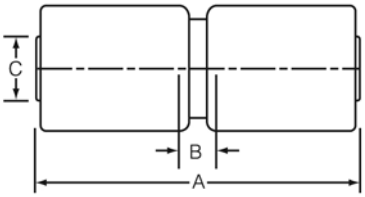


Style: ORS90
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108794	DC04-04ORS90	HY04-04RC90	1/4	7/16 - 20	2.31	.97	.16	---	11/16	1.63
	108795	DC04-06ORS90	HY04-06RC90	1/4	9/16 - 18	2.31	.97	.16	---	7/8	1.66
	108797	DC06-06ORS90	HY06-06RC90	3/8	9/16 - 18	2.33	.97	.27	---	11/16	1.66
	108798	DC06-08ORS90	HY06-08RC90	3/8	3/4 - 16	2.33	.97	.27	---	7/8	1.73
	108799	DC06-10ORS90	HY06-10RC90	3/8	7/8 - 14	2.33	.97	.27	---	1	1.84
	108801	DC08-08ORS90	HY08-08RC90	1/2	3/4 - 16	3.00	1.09	.38	---	7/8	1.80
	108802	DC08-10ORS90	HY08-10RC90	1/2	7/8 - 14	3.00	1.09	.38	---	1	1.88
	108805	DC10-10ORS90	HY10-10RC90	5/8	7/8 - 14	3.30	1.34	.48	---	1	1.99
	108807	DC12-12ORS90	HY12-12RC90	3/4	1 1/16 - 12	2.77	1.19	.61	---	1 1/4	2.23

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Hose Splicer (For New Hose Only)

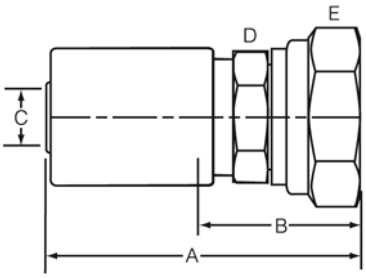


Style: RM
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	109120	DC06-06RM	HY06-06RM	3/8	---	3.31	.63	.27	---	---	---
	109121	DC08-08RM	HY08-08RM	1/2	---	3.50	.81	.38	---	---	---
	109122	DC12-12RM	HY12-12RM	3/4	---	3.70	.53	.61	---	---	---
	109123	DC16-16RM	HY16-16RM	1	---	4.47	1.16	.81	---	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Female Swivel Metric Universal 24°/60° Cone

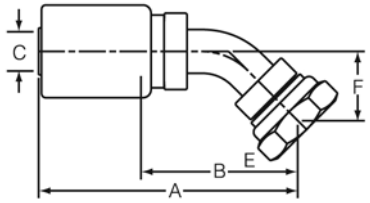


Style: RU
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116142	DC04-06RU12A	HY04-06RU12A	1/4	M12 X 1.5	2.71	1.34	.16	17mm	17mm	L06mm	---
	116144	DC04-08RU14A	HY04-08RU14A	1/4	M14 X 1.5	2.71	1.34	.16	17mm	17mm	L08mm	---
	116146	DC04-08RU16A	HY04-08RU16A	1/4	M16 X 1.5	2.74	1.38	.16	17mm	19mm	S08mm	---
	116148	DC06-08RU16A	HY06-08RU16A	3/8	M16 X 1.5	2.75	1.41	.27	19mm	19mm	S08mm	---
	116150	DC06-10RU16A	HY06-10RU16A	3/8	M16 X 1.5	2.75	1.44	.27	19mm	19mm	L10mm	---
	116152	DC04-10RU18A	HY04-10RU18A	1/4	M18 X 1.5	2.74	1.41	.16	17mm	22mm	S10mm	---
	116154	DC06-12RU18A	HY06-12RU18A	3/8	M18 X 1.5	2.75	1.44	.27	19mm	22mm	L12mm	---
	116156	DC06-12RU20A	HY06-12RU20A	3/8	M20 X 1.5	2.79	1.44	.27	19mm	24mm	S12mm	---
	116158	DC06-14RU20A	HY06-14RU20A	3/8	M20 X 1.5	2.79	1.59	.27	19mm	24mm	L14mm	---
	116160	DC08-12RU20A	HY08-12RU20A	1/2	M20 X 1.5	2.96	1.66	.38	22mm	24mm	S12mm	---
	116162	DC06-14RU22A	HY06-14RU22A	3/8	M22 X 1.5	2.80	1.63	.27	19mm	27mm	S14mm	---
N	116163	DC08-15RU22A	HY08-15RU22A	1/2	M22 x 1.5	2.97	1.66	.38	22mm	27mm	L15mm	
	116164	DC08-16RU24A	HY08-16RU24A	1/2	M24 X 1.5	3.02	1.75	.38	22mm	30mm	S16mm	---
	116166	DC10-18RU26A	HY10-18RU26A	5/8	M26 X 1.5	3.04	1.66	.50	27mm	32mm	L18mm	---
	116170	DC10-20RU30B	HY10-20RU30B	5/8	M30 X 2.0	3.14	1.53	.50	27mm	36mm	S20mm	---
	116172	DC12-20RU30B	HY12-20RU30B	3/4	M30 X 2.0	3.23	1.66	.61	32mm	36mm	S20mm	---
	116174	DC12-22RU30B	HY12-22RU30B	3/4	M30 X 2.0	3.23	1.84	.61	30mm	36mm	L22mm	---
	116176	DC12-25RU36B	HY12-25RU36B	3/4	M36 X 2.0	3.30	1.72	.61	30mm	41mm	S25mm	---
	116178	DC16-28RU36B	HY16-28RU36B	1	M36 X 2.0	3.46	1.84	.81	36mm	41mm	L28mm	---
	116179	DC16-30RU42B	HY16-30RU42B	1	M42 X 2.0	3.73	2.13	.81	41mm	50mm	S30mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

45° Bent Tube Female Swivel Universal Metric 24°/60° Cone

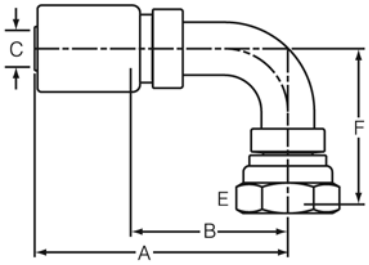


Style: RU45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116302	DC04-08RU14A45T	HY04-08RU14A45T	1/4	M14 X 1.5	3.60	1.34	.16	---	17mm	L08mm	.81
	116303	DC04-08RU16A45T	HY04-08RU16A45T	1/4	M16 X 1.5	3.63	2.25	.16	---	19mm	S08mm	.84
	116304	DC04-10RU16A45T	HY04-10RU16A45T	1/4	M16 X 1.5	3.63	2.28	.16	---	19mm	L10mm	.84
	116305	DC04-10RU18A45T	HY04-10RU18A45T	1/4	M18 X 1.5	3.63	2.28	.16	---	22mm	S10mm	.84
	116309	DC05-12RU20A45T	HY05-12RU20A45T	5/16	M20 X 1.5	4.04	2.34	.20	---	24mm	S12mm	.99
	116310	DC06-10RU16A45T	HY06-10RU16A45T	3/8	M16 X 1.5	4.02	2.66	.27	---	19mm	L10mm	1.13
	116311	DC06-12RU18A45T	HY06-12RU18A45T	3/8	M18 X 1.5	4.02	2.66	.27	---	22mm	L12mm	1.13
	116312	DC06-12RU20A45T	HY06-12RU20A45T	3/8	M20 X 1.5	4.02	2.66	.27	---	24mm	S12mm	1.16
	116313	DC06-14RU22A45T	HY06-14RU22A45T	3/8	M22 X 1.5	4.08	2.66	.27	---	27mm	S14mm	1.17
	116314	DC08-15RU22A45T	HY08-15RU22A45T	1/2	M22 X 1.5	4.29	2.72	.38	---	27mm	L15mm	1.22
	116315	DC08-16RU24A45T	HY08-16RU24A45T	1/2	M24 X 1.5	4.29	2.94	.38	---	30mm	S16mm	1.26
	116316	DC10-18RU26A45T	HY10-18RU26A45T	5/8	M26 X 1.5	4.43	2.94	.50	---	32mm	L18mm	1.29
	116317	DC10-20RU30B45T	HY10-20RU30B45T	5/8	M30 X 2.0	4.43	3.06	.50	---	36mm	S20mm	1.24
	116318	DC12-22RU30A45T	HY12-22RU30A45T	3/4	M30 X 1.5	4.25	3.06	.61	---	36mm	L/S22mm	1.30
	116319	DC12-22RU30B45T	HY12-22RU30B45T	3/4	M30 X 2.0	4.25	3.16	.61	---	36mm	L22mm	1.30
	116321	DC16-28RU36B45T	HY16-28RU36B45T	1	M36 X 2.0	4.72	3.88	.81	---	41mm	L28mm	1.58
	116322	DC16-30RU42B45T	HY16-30RU42B45T	1	M42 X 2.0	4.84	4.03	.81	---	50mm	S30mm	1.78

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Female Swivel Universal Metric 24°/60° Cone

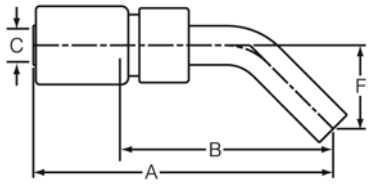


Style: RU90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116330	DC04-08RU14A90T	HY04-08RU14A90T	1/4	M14 X 1.5	3.07	1.72	.16	---	17mm	L08mm	1.42
	116331	DC04-08RU16A90T	HY04-08RU16A90T	1/4	M16 X 1.5	3.07	1.72	.16	---	19mm	S08mm	1.45
	116332	DC04-10RU16A90T	HY04-10RU16A90T	1/4	M16 X 1.5	3.07	1.72	.16	---	19mm	L10mm	1.45
	116333	DC04-10RU18A90T	HY04-10RU18A90T	1/4	M18 X 1.5	3.07	1.72	.16	---	22mm	S10mm	1.45
D	116334	DC05-10RU16A90T	HY05-10RU16A90T	5/16	M16 X 1.5	3.72	1.88	.20	---	19mm	L10mm	1.45
D	116335	DC05-10RU18A90T	HY05-10RU18A90T	5/16	M18 X 1.5	3.22	1.88	.20	---	22mm	S10mm	1.54
	116337	DC05-12RU20A90T	HY05-12RU20A90T	5/16	M20 X 1.5	3.46	2.09	.20	---	24mm	S12mm	1.78
	116338	DC06-10RU16A90T	HY06-10RU16A90T	3/8	M16 X 1.5	3.44	2.09	.27	---	19mm	L10mm	1.98
	116339	DC06-12RU18A90T	HY06-12RU18A90T	3/8	M18 X 1.5	3.44	2.09	.27	---	22mm	L12mm	1.98
	116340	DC06-12RU20A90T	HY06-12RU20A90T	3/8	M20 X 1.5	3.44	2.22	.27	---	24mm	S12mm	2.01
	116341	DC06-14RU22A90T	HY06-14RU22A90T	3/8	M22 X 1.5	3.79	2.44	.27	---	27mm	S14mm	2.14
	116342	DC08-15RU22A90T	HY08-15RU22A90T	1/2	M22 X 1.5	3.79	2.44	.38	---	27mm	L15mm	2.26
	116343	DC08-16RU24A90T	HY08-16RU24A90T	1/2	M24 X 1.5	3.79	2.53	.38	---	30mm	S16mm	2.31
	116344	DC10-18RU26A90T	HY10-18RU26A90T	5/8	M26 X 1.5	3.92	2.53	.50	---	32mm	L18mm	2.37
	116345	DC10-20RU30B90T	HY10-20RU30B90T	5/8	M30 X 2.0	3.92	2.41	.50	---	36mm	S20mm	2.47
	116347	DC12-22RU30A90T	HY12-22RU30A90T	3/4	M30 X 1.5	3.97	2.41	.61	---	36mm	L/S22mm	2.55
	116348	DC12-22RU30B90T	HY12-22RU30B90T	3/4	M30 X 2.0	3.97	2.69	.61	---	36mm	L22mm	2.68
	116349	DC12-25RU36B90T	HY12-25RU36B90T	3/4	M36 X 2.0	3.97	3.41	.61	---	41mm	S25mm	2.74
	116350	DC16-28RU36B90T	HY16-28RU36B90T	1	M36 X 2.0	4.36	3.41	.81	---	41mm	L28mm	2.97

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

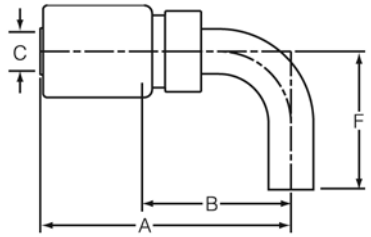
45° Bent Tube Metric O.D. Stand Pipe



Style: RZ45T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116381	DC04-08RZ45LST	HY04-08RZ45LST	1/4	---	3.54	2.19	.16	---	---	8mm	.75
	116382	DC04-10RZ45LST	HY04-10RZ45LST	1/4	---	3.68	2.31	.16	---	---	10mm	.84
D	116383	DC05-10RZ45LST	HY05-10RZ45LST	5/16	---	3.71	2.34	.20	---	---	10mm	.84
D	116384	DC05-12RZ45LST	HY05-12RZ45LST	5/16	---	3.95	2.59	.20	---	---	12mm	.90
D	116385	DC06-10RZ45LST	HY06-10RZ45LST	3/8	---	3.69	2.34	.24	---	---	10mm	.84
D	116386	DC06-12RZ45LST	HY06-12RZ45LST	3/8	---	3.93	2.56	.27	---	---	12mm	.90
D	116390	DC10-18RZ45LT	HY10-18RZ45LT	5/8	---	4.31	2.94	.50	---	---	18mm	1.01
D	116391	DC10-20RZ45ST	HY10-20RZ45ST	5/8	---	4.58	3.19	.50	---	---	20mm	1.24
D	116393	DC12-25RZ45ST	HY12-25RZ45ST	3/4	---	4.96	3.38	.61	---	---	25mm	1.38

90° Bent Tube Metric O.D. Stand Pipe



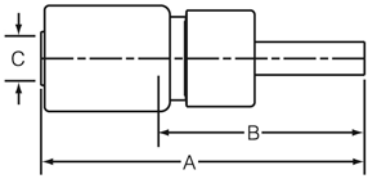
Style: RZ90T
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116400	DC04-06RZ90LST	HY04-06RZ90LST	1/4	---	2.95	1.59	.12	---	---	6mm	1.14
	116401	DC04-08RZ90LST	HY04-08RZ90LST	1/4	---	3.07	1.72	.16	---	---	8mm	1.34
D	116402	DC04-10RZ90LST	HY04-10RZ90LST	1/4	---	3.18	1.84	.16	---	---	10mm	1.54
D	116403	DC05-10RZ90LST	HY05-10RZ90LST	5/16	---	3.22	1.88	.20	---	---	10mm	1.54
D	116404	DC05-12RZ90LST	HY05-12RZ90LST	5/16	---	3.46	2.09	.20	---	---	12mm	1.69
	116405	DC06-10RZ90LST	HY06-10RZ90LST	3/8	---	3.20	1.83	.24	---	---	10mm	1.54
	116406	DC06-12RZ90LST	HY06-12RZ90LST	3/8	---	3.44	2.09	.27	---	---	12mm	1.69
D	116407	DC06-14RZ90ST	HY06-14RZ90ST	3/8	---	3.56	2.22	.27	---	---	14mm	1.89
	116409	DC08-16RZ90ST	HY08-16RZ90ST	1/2	---	3.79	2.44	.38	---	---	16mm	2.13

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

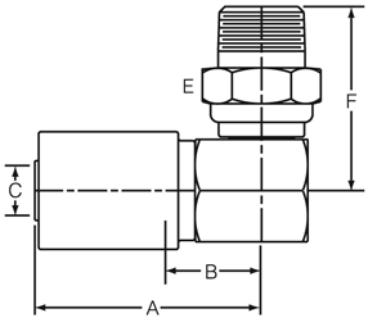
Metric O.D. Stand Pipe



Style: RZT
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
	116354	DC04-06RZLST	HY04-06RZLST	1/4	---	3.01	1.66	.12	---	---	6mm	---
	116355	DC04-08RZLST	HY04-08RZLST	1/4	---	3.09	1.72	.16	---	---	8mm	---
	116356	DC04-10RZLST	HY04-10RZLST	1/4	---	3.16	1.81	.16	---	---	10mm	---
	116357	DC05-10RZLST	HY05-10RZLST	5/16	---	3.20	1.84	.20	---	---	10mm	---
D	116358	DC05-12RZLST	HY05-12RZLST	5/16	---	3.23	1.88	.20	---	---	12mm	---
	116359	DC06-10RZLST	HY06-10RZLST	3/8	---	3.18	1.81	.24	---	---	10mm	---
	116360	DC06-12RZLST	HY06-12RZLST	3/8	---	3.22	1.88	.27	---	---	12mm	---
	116361	DC06-14RZST	HY06-14RZST	3/8	---	3.30	1.94	.27	---	---	14mm	---
	116362	DC08-15RZLT	HY08-15RZLT	1/2	---	3.33	1.97	.38	---	---	15mm	---
	116363	DC08-16RZST	HY08-16RZST	1/2	---	3.53	2.16	.38	---	---	16mm	---
D	116364	DC08-18RZLT	HY08-18RZLT	1/2	---	3.33	1.97	.38	---	---	18mm	---
D	116368	DC12-22RZLT	HY12-22RZLT	3/4	---	3.44	1.88	.61	---	---	22mm	---
D	116369	DC12-25RZST	HY12-25RZST	3/4	---	3.79	2.22	.61	---	---	25mm	---
D	116370	DC16-25RZST	HY16-25RZST	1	---	4.06	2.44	.73	---	---	25mm	---
	116371	DC16-28RZLT	HY16-28RZLT	1	---	3.72	2.09	.81	---	---	28mm	---

90° Block Male Swivel NPTF (Without 30° Internal Chamfer)



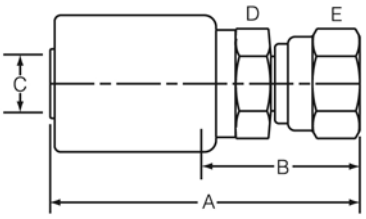
Style: SP90
Series: DC
Material: Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	108234A	DC04-02SP90	HY04-02SP90	1/4	1/8 - 27	2.31	.97	.11	---	5/8	1.50
	108235	DC04-06SP90	HY04-06SP90	1/4	3/8 - 18	2.31	.97	.16	---	11/16	1.63
	108236	DC04-04SP90	HY04-04SP90	1/4	1/4 - 18	2.31	.97	.16	---	11/16	1.69
	108236A	DC06-04SP90	HY06-04SP90	3/8	1/4 - 18	2.33	.97	.27	---	11/16	1.69
	108237	DC06-08SP90	HY06-08SP90	3/8	1/2 - 14	2.73	.97	.27	---	7/8	1.88
	108238	DC06-06SP90	HY06-06SP90	3/8	3/8 - 18	2.33	.97	.27	---	11/16	1.63
	108239	DC08-08SP90	HY08-08SP90	1/2	1/2 - 14	3.00	1.09	.38	---	7/8	1.93
	108239A	DC12-12SP90	HY12-12SP90	3/4	3/4 - 14	2.77	1.19	.61	---	1 1/4	2.29

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

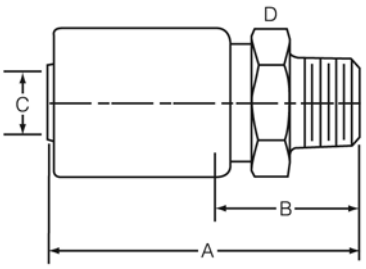
Female Swivel 37° Flare (JIC) Stainless Steel



Style: FJSS
Series: DC/HY
Material: Stainless Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	109115	HY04-04FJ-SS	HY04-04FJ-SS	1/4	7/16 - 20	2.60	1.25	.16	9/16	9/16	---
	109116	HY06-06FJ-SS	HY06-06FJ-SS	3/8	9/16 - 18	2.69	1.34	.27	11/16	11/16	---
	109117	HY08-08FJ-SS	HY08-08FJ-SS	1/2	3/4 - 16	2.90	1.56	.38	7/8	7/8	---
	109118	HY12-12FJ-SS	HY12-12FJ-SS	3/4	1 1/16 - 12	3.22	1.66	.61	1 1/4	1 1/4	---
D	109119	DC16-16FJ-SS	HY16-16FJ-SS	1	1 5/16 - 12	3.45	1.84	.81	1 3/8	1 1/2	---

NPTF Male Stainless Steel



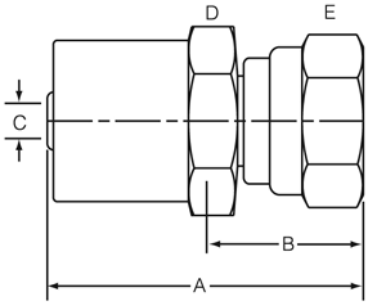
Style: MPSS
Series: DC/HY
Material: Stainless Steel
Recommended Hose: DR6, DR17, DB7, DR2, DFL, DR16, DGL, DR1, DR7, DR7E, DR4, DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	109110	HY04-04MP-SS	HY04-04MP-SS	1/4	1/4 - 18	2.53	1.19	.16	9/16	---	---
	109111	HY06-06MP-SS	HY06-06MP-SS	3/8	3/8 - 18	2.55	1.19	.27	3/4	---	---
	109112	HY08-08MP-SS	HY08-08MP-SS	1/2	1/2 - 14	2.91	1.56	.38	7/8	---	---
	109113	HY12-12MP-SS	HY12-12MP-SS	3/4	3/4 - 14	3.08	1.50	.61	1 1/4	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

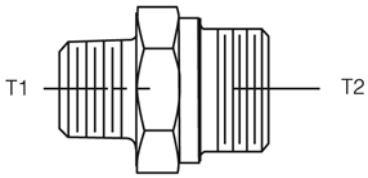
Female Swivel Air Brake



Style: AF
Series: GR
Material: Brass/Steel
Recommended Hose: DY1

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	110605	AB06-08AF	GR06-08AF	3/8	3/4 - 20	1.46	.83	.31	7/8	7/8	---
	110609	AB08-08AF	GR08-08AF	1/2	3/4 - 20	1.60	.85	.34	7/8	1	---

NPTF Male to 3/4-20 Male (With 45° Chamfer)



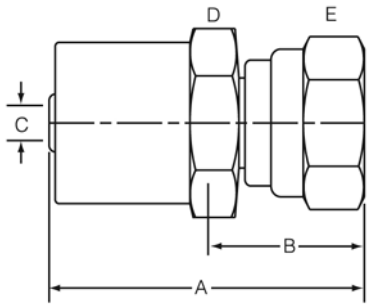
Style: Air Brake Adapter
Series: GR
Material: Brass
Recommended Hose: For Use with GR - 08AF

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread T1	Thread T2	A OAL	B Cutoff	C Orifice
	123152	202687	202687	---	1/4 - 18	3/4 - 20		---	---
	123153	202688	202688	---	3/8 - 18	3/4 - 20		---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

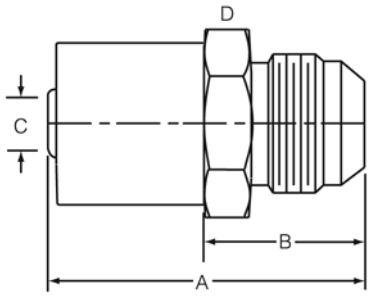
Female Swivel 37° Flare



Style: FJ
Series: GR
Material: Brass/Steel
Recommended Hose: DY1

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	110658	AB06-06FJ	GR06-06FJ	3/8	9/16 - 18	1.61	.98	.28	7/8	11/16	---
	110659	AB06-08FJ	GR06-08FJ	3/8	3/4 - 16	1.64	1.01	.31	7/8	7/8	---
	110664	AB08-08FJ	GR08-08FJ	1/2	3/4 - 16	1.78	1.03	.42	1	7/8	---

Male 37° Flare



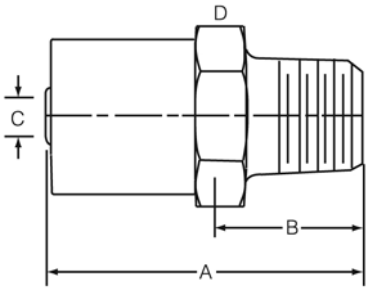
Style: MJ
Series: GR
Material: Brass
Recommended Hose: DY1

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	110758	AB06-06MJ	GR06-06MJ	3/8	9/16 - 18	1.41	.78	.28	7/8	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

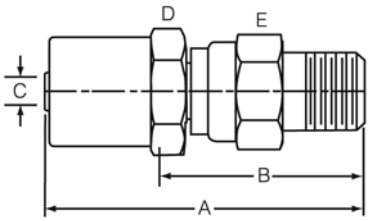
NPTF Male



Style: MP
Series: GR
Material: Brass
Recommended Hose: DY1

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	110802	AB04-04MP	GR04-04MP	1/4	1/4 - 18	1.41	.79	.20	3/4	---	---
	110806	AB06-04MP	GR06-04MP	3/8	1/4 - 18	1.42	.79	.20	7/8	---	---
	110808	AB06-06MP	GR06-06MP	3/8	3/8 - 18	1.42	.79	.31	7/8	---	---
	110809	AB06-08MP	GR06-08MP	3/8	1/2 - 14	1.63	1.00	.31	7/8	---	---
	110813	AB08-06MP	GR08-06MP	1/2	3/8 - 18	1.57	.82	.31	1	---	---
	110814	AB08-08MP	GR08-08MP	1/2	1/2 - 14	1.75	1.00	.42	1	---	---

NPTF Male Swivel 30° Chamfer

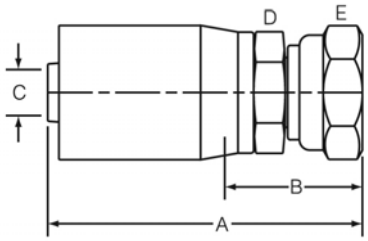


Style: MS
Series: GR
Material: Brass/Steel
Recommended Hose: DY1

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	110711	AB06-06MS	GR06-06MS	3/8	3/8 - 18	2.04	1.41	.28	7/8	7/8	---
	110714	AB08-06MS	GR08-06MS	1/2	3/8 - 18	2.18	1.43	.28	7/8	7/8	---
	110715	AB08-08MS	GR08-08MS	1/2	1/2 - 14	2.42	1.67	.42	1	1	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

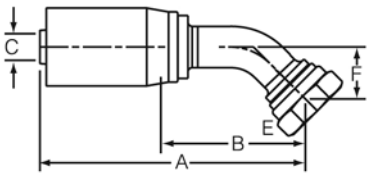
BSPP Female Swivel Male 60° Cone



Style: BPF
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	101650	PG04-04BPF	BW04-04BPF	1/4	1/4 - 19	2.50	1.26	.16	9/16	11/16	---
	101651	PG06-06BPF	BW06-06BPF	3/8	3/8 - 19	2.59	1.21	.16	3/4	7/8	---
N	101652	PG08-08BPF	BW08-08BPF	1/2	1/2-14	2.80	1.46	.38	7/8	1	
	101656	PG12-12BPF	BW12-12BPF	3/4	3/4 - 14	3.44	1.56	.56	1 1/4	1 1/4	---
	101658	PG16-16BPF	BW16-16BPF	1	1 - 11	3.73	1.61	.78	1 3/8	1 1/2	---
	101659	PG20-20BPF	BW20-20BPF	1 1/4	1 1/4 - 11	4.39	1.85	1.02	1 3/4	1 7/8	---

45° BSPP Female Swivel 60° Cone

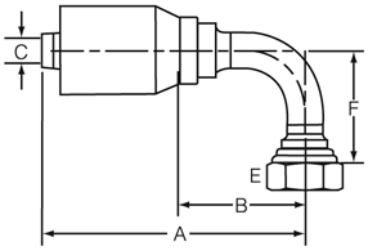


Style: BPF45T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101666	PG06-06BPF45T	BW06-06BPF45T	3/8	3/8 - 19	3.53	2.16	.25	3/4	7/8	.91
	101667	PG08-08BPF45T	BW08-08BPF45T	1/2	1/2 - 14	3.76	2.42	.33	7/8	1	1.00

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

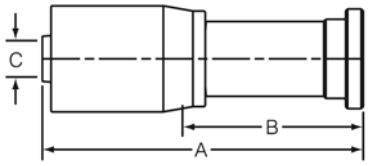
BSPP 90° Bent Tube Female Swivel Male 60° Cone



Style: BPF90T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101688	PG08-08BPF90T	BW08-08BPF90T	1/2	1/2 - 14	3.12	1.77	.33	7/8	1	1.95

O-Ring Flange SAE Code 61

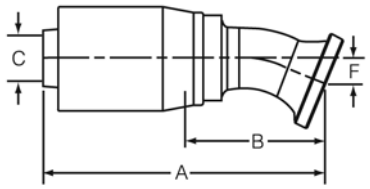


Style: C61
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100080	PG08-08C61	BW08-08PA	1/2	1.19	3.19	1.84	.33	---	---	---
	100082	PG08-12C61	BW08-12PA	1/2	1.50	2.95	1.60	.33	---	---	---
	100089	PG12-12C61	BW12-12PA-P	3/4	1.50	4.21	2.33	.51	---	---	---
	100091	PG12-16C61	BW12-16PA-P	3/4	1.75	4.22	2.34	.51	---	---	---
	100095	PG16-16C61	BW16-16PA-P	1	1.75	4.45	2.33	.78	---	---	---
	100096	PG16-20C61	BW16-20PA-P	1	2.00	4.45	2.33	.78	---	---	---
	100097	PG16-24C61	BW16-24PA-P	1	2.38	4.49	2.37	.78	---	---	---
	100099	PG20-20C61	BW20-20PA-P	1 1/4	2.00	5.30	2.76	1.01	---	---	---
	100100	PG20-24C61	BW20-24PA-P	1 1/4	2.38	5.36	2.82	1.01	---	---	---
	100102	PG24-24C61	BW24-24PA-P	1 1/2	2.38	5.51	2.91	1.19	---	---	---
	100103	PG24-32C61	BW24-32PA-P	1 1/2	2.81	5.43	2.85	1.19	---	---	---
	100104	PG32-32C61	BW32-32PA-P	2	2.81	7.30	4.05	1.69	---	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

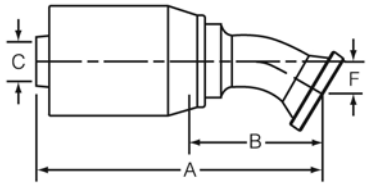
22 1/2° Bent Tube O-Ring Flange SAE Code 61



Style: C6122
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100125	PG08-08C6122	BW08-08PA22	1/2	1.19	3.64	2.30	.33	---	---	.38
	100127	PG08-12C6122	BW08-12PA22	1/2	1.50	3.78	2.43	.33	---	---	.48
	100134	PG12-12C6122	BW12-12PA22-P	3/4	1.50	4.59	2.71	.51	---	---	.49
	100136	PG12-16C6122	BW12-16PA22	3/4	1.75	4.59	2.71	.51	---	---	.49
	100140	PG16-16C6122	BW16-16PA22-P	1	1.75	4.95	2.83	.78	---	---	.50
	100141	PG16-20C6122	BW16-20PA22	1	2.00	4.95	2.83	.78	---	---	.50

30° Bent Tube O-Ring Flange SAE Code 61

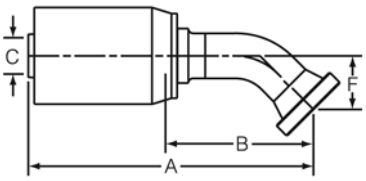


Style: C6130
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100174	PG12-12C6130	BW12-12PA30-P	3/4	1.50	4.68	2.80	.51	---	---	.67
	100176	PG12-16C6130	BW12-16PA30	3/4	1.75	4.68	2.80	.51	---	---	.67
	100180	PG16-16C6130	BW16-16PA30-P	1	1.75	4.93	2.81	.78	---	---	.60
	100184	PG20-20C6130	BW20-20PA30-P	1 1/4	2.00	5.87	3.33	1.01	---	---	.72
	100185	PG20-24C6130	BW20-24PA30	1 1/4	2.38	5.92	3.38	1.01	---	---	.75
	100189	PG32-32C6130	BW32-32PA30-P	2	2.81	8.45	5.20	1.69	---	---	1.43

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

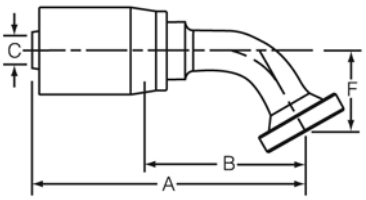
45° Bent Tube O-Ring Flange SAE Code 61



Style: C6145
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100205	PG08-08C6145	BW08-08PA45	1/2	1.19	3.54	2.20	.33	---	---	.78
	100207	PG08-12C6145	BW08-12PA45	1/2	1.50	3.58	2.24	.33	---	---	.82
	100208	PG08-16C6145	BW08-16PA45	1/2	1.75	4.08	2.74	.33	---	---	.78
	100211	PG10-12C6145	BW10-12PA45	5/8	1.50	4.55	2.45	.44	---	---	.86
	100214	PG12-12C6145	BW12-12PA45-P	3/4	1.50	4.65	2.77	.51	---	---	.86
	100216	PG12-16C6145	BW12-16PA45	3/4	1.75	4.65	2.77	.51	---	---	.86
	100220	PG16-16C6145	BW16-16PA45-P	1	1.75	4.83	2.71	.78	---	---	1.13
	100221	PG16-20C6145	BW16-20PA45	1	2.00	4.92	2.80	.78	---	---	.95
	100224	PG20-20C6145	BW20-20PA45-P	1 1/4	2.00	6.18	3.65	1.01	---	---	1.17
	100225	PG20-24C6145	BW20-24PA45	1 1/4	2.38	6.23	3.67	1.01	---	---	1.21
	100227	PG24-24C6145	BW24-24PA45-P	1 1/2	2.38	7.04	4.45	1.19	---	---	1.40
	100229	PG32-32C6145	BW32-32PA45-P	2	2.81	8.70	5.45	1.69	---	---	2.26

60° Bent Tube O-Ring Flange SAE Code 61

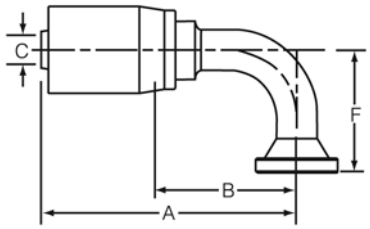


Style: C6160
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100254	PG12-12C6160	BW12-12PA60-P	3/4	1.50	4.79	2.91	.51	---	---	1.41
	100255	PG08-12C6160	BW08-12PA60	1/2	1.50	3.57	2.22	.33	---	---	1.12
	100260	PG16-16C6160	BW16-16PA60U	1	1.75	5.62	3.50	.78	---	---	1.77
	100261	PG16-20C6160	BW16-20PA60	1	2.00	5.60	3.49	.78	---	---	1.60
D	100263	PG20-20C6160	BW20-20PA60M	1 1/4	2.00	7.15	4.61	1.01	---	---	2.56
	100264	PG20-20C6160	BW20-20PA60-P	1 1/4	2.00	6.66	4.11	1.01	---	---	1.72
D	100267	PG24-24C6160	BW24-24PA60-P	1 1/2	2.38	7.42	4.82	1.19	---	---	2.13

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube O-Ring Flange SAE Code 61

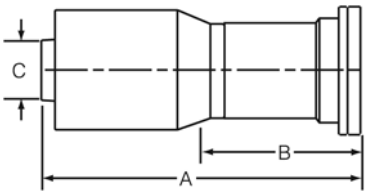


Style: C6190
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	100321	PG06-08C6190	BW06-08PA90	3/8	1.19	3.09	1.72	.33	---	---	1.54
D	100324	PG08-08C6190M	BW08-08PA90M	1/2	1.19	3.25	1.90	.38	---	---	3.25
	100325	PG08-08C6190	BW08-08PA90	1/2	1.19	3.14	1.80	.33	---	---	1.63
	100327	PG08-12C6190	BW08-12PA90	1/2	1.50	3.52	2.17	.33	---	---	1.69
	100328	PG08-12C6190M	BW08-12PA90M	1/2	1.50	3.13	1.78	.33	---	---	2.88
	100329	PG08-16C6190	BW08-16PA90	1/2	1.75	4.10	2.76	.38	---	---	1.75
	100334	PG12-12C6190	BW12-12PA90-P	3/4	1.50	4.82	2.94	.51	---	---	2.40
	100335	PG12-12C6190M	BW12-12PA90M	3/4	1.50	4.67	2.79	.57	---	---	3.75
	100336	PG12-16C6190	BW12-16PA90	3/4	1.75	4.83	2.95	.51	---	---	2.42
	100337	PG12-16C6190M	BW12-16PA90M	3/4	1.75	4.67	2.79	.57	---	---	3.12
	100339	PG16-16C6190M	BW16-16PA90M	1	1.75	5.28	3.16	.76	---	---	4.62
	100340	PG16-16C6190	BW16-16PA90-P	1	1.75	5.20	3.08	.78	---	---	2.80
	100341	PG16-20C6190	BW16-20PA90	1	2.00	4.92	2.80	.78	---	---	2.24
	100342	PG16-20C6190M	BW16-20PA90M	1	2.00	5.28	3.16	.76	---	---	4.62
	100343	PG16-24C6190	BW16-24PA90	1	2.38	5.28	3.16	.78	---	---	2.38
	100344	PG20-20C6190	BW20-20PA90-P	1 1/4	2.00	6.47	3.93	1.01	---	---	2.68
	100345	PG20-24C6190	BW20-24PA90	1 1/4	2.38	6.47	3.93	1.01	---	---	2.74
	100347	PG24-24C6190	BW24-24PA90-P	1 1/2	2.38	6.74	4.14	1.19	---	---	3.31
	100349	PG32-32C6190	BW32-32PA90-P	2	2.81	8.25	5.00	1.69	---	---	4.94

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

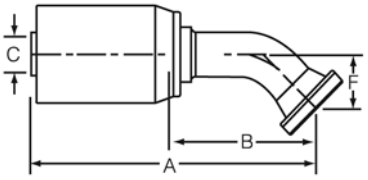
O-Ring Flange SAE Code 62



Style: C62
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100370	PG08-08C62	BW08-08PH	1/2	1.25	3.35	2.00	.33	---	---	---
	100379	PG12-12C62	BW12-12PH-P	3/4	1.63	4.35	2.47	.51	---	---	---
	100381	PG12-16C62	BW12-16PH-P	3/4	1.88	4.43	2.55	.55	---	---	---
	100385	PG16-16C62	BW16-16PH-P	1	1.88	4.70	2.58	.78	---	---	---
	100386	PG16-20C62	BW16-20PH-P	1	2.13	---	---	.78	---	---	---
	100389	PG20-20C62	BW20-20PH-P	1 1/4	2.13	5.74	3.20	1.01	---	---	---
	100392	PG24-24C62	BW24-24PH-P	1 1/2	2.50	5.98	3.38	1.19	---	---	---
	100394	PG32-32C62	BW32-32PH-P	2	3.13	7.78	4.53	1.69	---	---	---

45° Bent Tube O-Ring Flange SAE Code 62

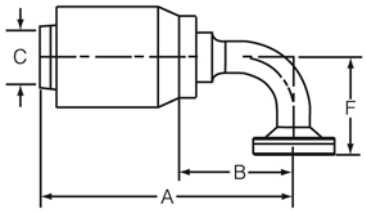


Style: C6245
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100499	PG12-12C6245	BW12-12PH45-P	3/4	1.63	4.72	2.84	.51	---	---	.93
	100501	PG12-16C6245	BW12-16PH45	3/4	1.88	4.80	2.92	.56	---	---	1.02
	100505	PG16-16C6245	BW16-16PH45-P	1	1.88	5.30	3.18	.76	---	---	1.23
	100506	PG16-20C6245	BW16-20PH45	1	2.13	5.60	3.48	.78	---	---	1.41
	100509	PG20-20C6245	BW20-20PH45-P	1 1/4	2.13	6.50	3.95	1.01	---	---	1.48
	100512	PG24-24C6245	BW24-24PH45-P	1 1/2	2.50	7.38	4.78	1.25	---	---	1.73

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

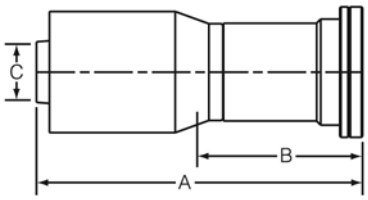
90° Bent Tube O-Ring Flange SAE Code 62



Style: C6290
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	100610	PG08-08C6290	BW08-08PH90	1/2	1.25	3.14	1.80	.33	---	---	1.71
	100619	PG12-12C6290	BW12-12PH90-P	3/4	1.63	4.82	2.94	.51	---	---	2.50
	100621	PG12-16C6290	BW12-16PH90	3/4	1.88	4.82	2.94	.51	---	---	2.61
	100625	PG16-16C6290	BW16-16PH90-P	1	1.88	4.81	2.69	.76	---	---	2.50
	100627	PG16-20C6290	BW16-20PH90	1	2.13	4.79	2.67	.78	---	---	2.69
	100629	PG20-20C6290	BW20-20PH90-P	1 1/4	2.13	6.47	3.93	1.01	---	---	3.12
	100632	PG24-24C6290	BW24-24PH90-P	1 1/2	2.50	6.74	4.14	1.25	---	---	3.78

Straight Flange Head for Caterpillar®

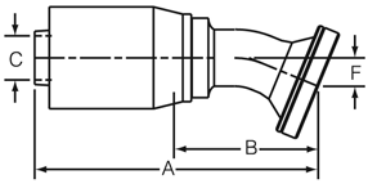


Style: CT
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101820	PG12-12CT	BW12-12PHC-P	3/4	1.63	5.74	3.86	.55	---	---	---
	101821	PG12-16CT	BW12-16PHC-P	3/4	1.88	4.51	2.63	.55	---	---	---
	101822	PG16-16CT	BW16-16PHC-P	1	1.88	4.60	2.48	.78	---	---	---
	101823	PG16-20CT	BW16-20PHC-P	1	2.13	4.72	2.60	.78	---	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

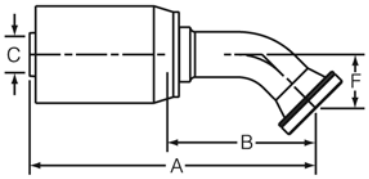
22 1/2° Bent Tube Flange Head for Caterpillar®



Style: CT22
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101832	PG16-16CT22	BW16-16PHC22-P	1	1.88	5.62	3.50	.77	---	---	.59

45° Bent Tube Flange Head for Caterpillar®

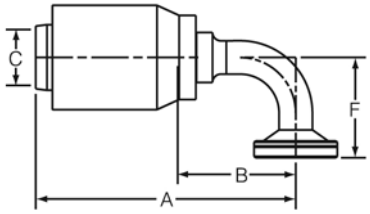


Style: CT45
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101851	PG12-12CT45	BW12-12PHC45-P	3/4	1.63	4.82	2.94	.55	---	---	1.26
	101852	PG12-16CT45	BW12-16PHC45	3/4	1.88	4.80	2.92	.51	---	---	1.05
	101853	PG16-16CT45	BW16-16PHC45-P	1	1.88	5.32	3.20	.79	---	---	1.31
	101854	PG16-20CT45	BW16-20PHC45	1	2.13	5.18	3.06	.76	---	---	1.25

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Flange Head for Caterpillar®



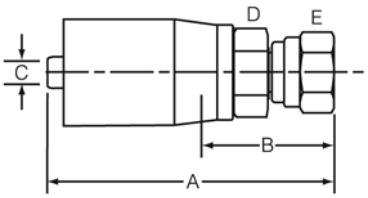
Style: CT90
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Flange OD	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101880	PG12-12CT90	BW12-12PHC90-P	3/4	1.63	4.48	2.60	.55	---	---	2.47
	101881	PG12-16CT90	BW12-16PHC90	3/4	1.88	4.79	2.91	.51	---	---	2.66
	101882	PG16-16CT90	BW16-16PHC90-P	1	1.88	5.17	3.05	.77	---	---	2.76
	101883	PG16-20CT90	BW16-20PHC90	1	2.13	4.78	2.66	.76	---	---	2.69

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

Female Swivel 37° Flare (JIC)

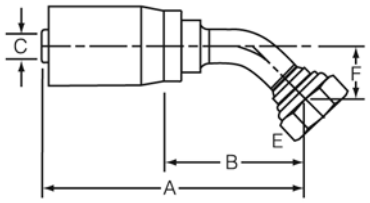


Style: FJ
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	100640	PG04-04FJ	BW04-04FJ	1/4	7/16 - 20	2.28	1.04	.16	9/16	9/16	---
D	100642	PG04-06FJ	BW04-06FJ	1/4	9/16 - 18	2.46	1.22	.16	5/8	5/8	---
	100646	PG06-06FJ	BW06-06FJ	3/8	9/16 - 18	2.50	1.12	.27	11/16	3/4	---
	100647	PG06-08FJ	BW06-08FJ	3/8	3/4 - 16	2.53	1.16	.27	7/8	3/4	---
	100650	PG08-08FJ	BW08-08FJ	1/2	3/4 - 16	2.57	1.22	.38	7/8	7/8	---
	100651	PG08-10FJ	BW08-10FJ	1/2	7/8 - 14	2.71	1.36	.38	7/8	1	---
	100652	PG08-12FJ	BW08-12FJ	1/2	1 1/16 - 12	2.89	1.55	.38	1	1 1/4	---
	100653	PG10-10FJ	BW10-10FJ	5/8	7/8 - 14	3.69	1.59	.44	1 1/16	1	---
	100654	PG10-12FJ	BW10-12FJ	5/8	1 1/16 -12	4.34	1.80	.78	1 1/16	1 1/4	---
	100658	PG12-10FJ	BW12-10FJ	3/4	7/8 - 14	3.36	1.47	.46	1 1/16	1	---
	100659	PG12-12FJ	BW12-12FJ	3/4	1 1/16 - 12	3.46	1.58	.56	1 1/16	1 1/4	---
	100660	PG12-14FJ	BW12-14FJ	3/4	1 3/16 - 12	3.45	1.56	.56	1 3/16	1 3/8	---
	100661	PG12-16FJ	BW12-16FJ	3/4	1 5/16 - 12	3.53	1.65	.56	1 3/8	1 1/2	---
	100664	PG16-12FJ	BW16-12FJ	1	1 1/16 - 12	3.71	1.59	.56	1/3/8	1 1/4	---
	100666	PG16-16FJ	BW16-16FJ	1	1 5/16 - 12	3.83	1.71	.78	1 3/8	1 1/2	---
	100667	PG16-20FJ	BW16-20FJ	1	1 5/8 - 12	4.00	1.25	.78	1 3/4	2	---
	100668	PG20-16FJ	BW20-16FJ	1 1/4	1 5/12 - 12	4.34	1.80	.78	1 3/4	1 1/2	---
	100670	PG20-20FJ	BW20-20FJ	1 1/4	1 5/8 - 12	4.43	1.89	1.01	1 3/4	2	---
	100673	PG24-24FJ	BW24-24FJ	1 1/2	1 7/8 - 12	4.77	2.17	1.25	2 1/4	2 1/4	---
	100675	PG32-32FJ	BW32-32FJ	2	2 1/2 - 12	5.95	2.70	1.75	2 5/8	2 7/8	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

45° Bent Tube Female Swivel 37° Flare (JIC)

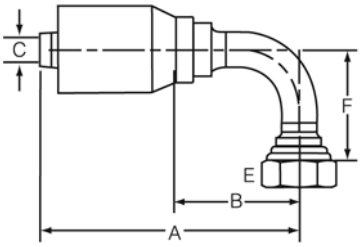


Style: FJ45T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	101170	PG04-05FJ45T	BW04-05FJ45T	1/4	1/2 - 20	2.87	1.63	.16	---	5/8	.36
	101175	PG06-06FJ45T	BW06-06FJ45T	3/8	9/16 - 18	3.08	1.71	.25	---	11/16	.39
	101178	PG08-08FJ45T	BW08-08FJ45T	1/2	3/4 - 16	3.31	1.96	.33	---	7/8	.55
	101179	PG08-10FJ45T	BW08-10FJ45T	1/2	7/8 - 14	3.48	2.14	.38	---	1	.63
	101181	PG08-12FJ45T	BW08-12FJ45T	1/2	1 1/16 - 12	3.84	2.49	.38	---	1 1/4	1.08
	101185	PG12-10FJ45T	BW12-10FJ45T	3/4	7/8 - 14	3.96	2.08	.44	---	1	.63
	101186	PG12-12FJ45T	BW12-12FJ45T	3/4	1 1/16 - 12	4.94	3.06	.51	---	1 1/4	1.15
	101188	PG12-16FJ45T	BW12-16FJ45T	3/4	1 5/16 - 12	5.01	3.13	.51	---	1 1/2	1.23
	101192	PG16-16FJ45T	BW16-16FJ45T	1	1 5/16 - 12	5.24	3.12	.78	---	1 1/2	1.27
	101193	PG16-20FJ45T	BW16-20FJ45T	1	1 5/8 - 12	5.27	3.15	.78	---	2	1.30
	101196	PG20-20FJ45T	BW20-20FJ45T	1 1/4	1 5/8 - 12	6.53	3.99	1.01	---	2	1.47
N	101199	PG24-24FJ45T	BW24-24FJ45T	1 1/2	1 7/8 - 12	7.49	4.89	1.19	---	2 1/4	1.84
	101201	PG32-32FJ45T	BW32-32FJ45T	2	2 1/2 - 12	9.16	5.91	1.69	---	2 7/8	2.71

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Female Swivel 37° Flare (JIC)



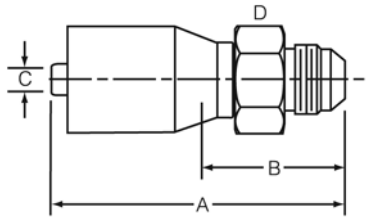
Style: FJ90T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	101208	PG04-04FJ90T	BW04-04FJ90T	1/4	7/16 - 20	2.73	1.49	.16	---	9/16	.68
D	101209	PG04-05FJ90T	BW04-05FJ90T	1/4	1/2 - 20	2.73	1.49	.16	---	5/8	.77
D	101210	PG04-06FJ90T	BW04-06FJ90T	1/4	9/16 - 18	2.86	1.61	.19	---	11/16	.85
	101215	PG06-06FJ90T	BW06-06FJ90T	3/8	9/16 - 18	2.96	1.58	.27	---	13/16	.90
	101218	PG08-08FJ90T	BW08-08FJ90T	1/2	3/4 - 16	3.14	1.80	.33	---	7/8	1.09
	101219	PG08-10FJ90T	BW08-10FJ90T	1/2	7/8 - 14	3.24	1.89	.38	---	1	1.23
	101220	PG08-12FJ90T	BW08-12FJ90T	1/2	1 1/16 - 12	3.14	1.80	.38	---	1 1/4	1.82
	101227	PG12-12FJ90T	BW12-12FJ90T	3/4	1 1/16 - 12	4.61	2.73	.51	---	1 1/4	2.57
	101229	PG12-16FJ90T	BW12-16FJ90T	3/4	1 5/16 - 12	4.82	2.94	.51	---	1 1/2	2.92
	101233	PG16-16FJ90T	BW16-16FJ90T	1	1 5/16 - 12	5.20	3.05	.78	---	1 1/2	2.80
	101234	PG16-20FJ90T	BW16-20FJ90T	1	1 5/8 - 12	5.17	3.05	.78	---	2	2.80
	101237	PG20-20FJ90T	BW20-20FJ90T	1 1/4	1 5/8 - 12	6.44	3.90	1.01	---	2	3.24
	101239	PG20-24FJ90T	BW20-24FJ90T	1 1/4	1 7/8 - 12	6.44	3.90	1.01	---	2 1/4	3.24
	101240	PG24-24FJ90T	BW24-24FJ90T	1 1/2	1 7/8 - 12	6.74	4.14	1.19	---	2 1/4	3.94
	101241	PG32-32FJ90T	BW32-32FJ90T	2	2 1/2 - 12	8.25	5.00	1.69	---	2 7/8	5.60

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

Male 37° Flare (JIC)



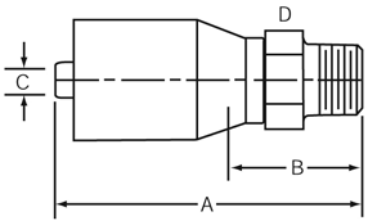
Style: MJ
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	100839	PG04-04MJ	BW04-04MJ	1/4	7/16 - 20	2.26	1.01	.16	9/16	---	---
D	100840	PG04-05MJ	BW04-05MJ	1/4	1/2 - 20	2.26	1.01	.16	11/16	---	---
D	100841	PG04-06MJ	BW04-06MJ	1/4	9/16 - 18	2.26	1.02	.16	11/16	---	---
	100845	PG06-06MJ	BW06-06MJ	3/8	9/16 - 18	2.33	.95	.27	5/8	---	---
	100848	PG08-08MJ	BW08-08MJ	1/2	3/4 - 16	2.49	1.15	.38	13/16	---	---
	100849	PG08-10MJ	BW08-10MJ	1/2	7/8 - 14	2.59	1.24	.38	13/16	---	---
	100850	PG10-10MJ	BW10-10MJ	5/8	7/8 - 14	2.41	1.31	.43	13/16	---	---
	100856	PG12-12MJ	BW12-12MJ	3/4	1 1/16 - 12	3.32	1.44	.57	1 1/8	---	---
	100857	PG12-14MJ	BW12-14MJ	3/4	1 3/16 - 12	3.35	1.47	.56	1 1/8	---	---
	100858	PG12-16MJ	BW12-16MJ	3/4	1 5/16 - 12	3.43	1.55	.57	1 3/8	---	---
	100862	PG16-16MJ	BW16-16MJ	1	1 5/16 - 12	3.67	1.55	.78	1 3/8	---	---
	100864	PG16-20MJ	BW16-20MJ	1	1 5/8 - 12	3.79	1.67	.78	1 11/16	---	---
	100866	PG20-20MJ	BW20-20MJ	1 1/4	1 5/8 - 12	4.23	1.70	1.01	1 11/16	---	---
	100868	PG20-24MJ	BW20-24MJ	1 1/4	1 7/8 - 12	4.40	1.86	1.02	2 1/4	---	---
	100869	PG24-24MJ	BW24-24MJ	1 1/2	1 7/8 - 12	4.71	2.11	1.25	2 1/4	---	---
	100872	PG32-32MJ	BW32-32MJ	2	2 1/2 - 12	5.62	2.37	1.75	2 5/8	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

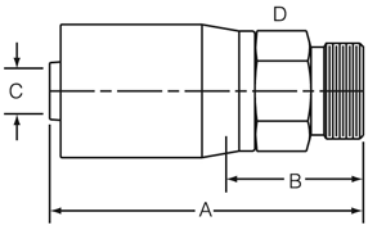
NPTF Male



Style: MP
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	100877	PG04-04MP	BW04-04MP	1/4	1/4 - 18	2.17	1.03	.16	9/16	---	---
D	100878	PG04-06MP	BW04-06MP	1/4	3/8 - 18	2.30	1.06	.16	11/16	---	---
	100882	PG06-06MP	BW06-06MP	3/8	3/8 - 18	2.37	.99	.27	11/16	---	---
	100883	PG06-08MP	BW06-08MP	3/8	1/2 - 14	2.61	1.24	.27	7/8	---	---
	100885	PG08-06MP	BW08-06MP	1/2	3/8 - 18	2.40	1.05	.38	7/8	---	---
	100886	PG08-08MP	BW08-08MP	1/2	1/2 - 14	2.65	1.31	.38	7/8	---	---
	100888	PG08-12MP	BW08-12MP	1/2	3/4 - 14	2.72	1.37	.38	1 1/16	---	---
	100889	PG10-08MP	BW10-08MP	5/8	1/2 - 14	3.53	1.43	.44	7/8	---	---
	100891	PG10-12MP	BW10-12MP	5/8	3/4 - 14	3.53	1.43	.44	1 1/16	---	---
	100893	PG12-08MP	BW12-08MP	3/4	1/2 - 14	3.28	1.39	.47	7/8	---	---
	100895	PG12-12MP	BW12-12MP	3/4	3/4 - 14	3.29	1.41	.57	1 1/16	---	---
	100897	PG12-16MP	BW12-16MP	3/4	1 - 11 1/2	3.47	1.59	.57	1 3/8	---	---
	100901	PG16-16MP	BW16-16MP	1	1 - 11 1/2	3.71	1.59	.78	1 3/8	---	---
	100902	PG16-20MP	BW16-20MP	1	1 1/4 - 11 1/2	3.80	1.68	.78	1 11/16	---	---
	100905	PG20-20MP	BW20-20MP	1 1/4	1 1/4 - 11 1/2	4.24	1.70	1.01	1 3/4	---	---
	100906	PG20-24MP	BW20-24MP	1 1/4	1 1/2 - 11 1/2	4.33	1.79	1.0	2	---	---
	100908	PG24-24MP	BW24-24MP	1 1/2	1 1/2 - 11 1/2	4.58	1.98	1.25	2 1/4	---	---
	100910	PG32-32MP	BW32-32MP	2	2 - 11 1/2	5.39	2.13	1.75	2 5/8	---	---

Male Metric 24° Flare Light and Standard DIN 2353

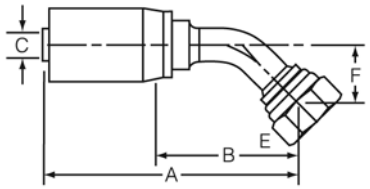


Style: MZ
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
R	101809	PG06-12MZ20A	BW06-12MZ20A	3/8	M20 X 1.5	2.31	.94	.27	24mm	---	S12mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

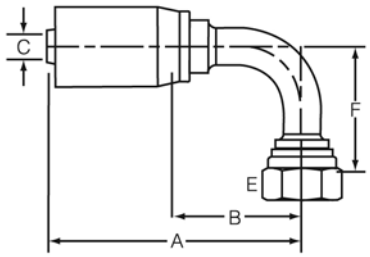
45° Bent Tube Female Swivel O-Ring Face Seal



Style: OF45T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101365	PG06-06OF45T	BW06-06OF45T	3/8	11/16 - 16	2.93	1.55	.27	---	13/16	.43
	101366	PG06-08OF45T	BW06-08OF45T	3/8	13/16 - 16	3.28	1.90	.37	---	15/16	.55
	101368	PG08-08OF45T	BW08-08OF45T	1/2	13/16 - 16	3.35	2.00	.33	---	15/16	.59
	101369	PG08-10OF45T	BW08-10OF45T	1/2	1 1/4	3.62	2.28	.38	---	1 1/8	.65
N	101371	PG10-10OF45T	BW10-10OF45T	5/8	1 14	4.54	2.44	.44	---	1-1/8	.65
	101374	PG10-12OF45T	BW10-12OF45T	5/8	1 3/16 - 12	4.52	2.42	.44	---	1 1/8	.83
	101377	PG12-12OF45T	BW12-12OF45T	3/4	1 3/16 - 12	4.62	2.74	.57	---	1 3/8	.83
	101378	PG12-16OF45T	BW12-16OF45T	3/4	1 7/16 - 12	4.73	2.85	.57	---	1 5/8	.94
	101383	PG16-16OF45T	BW16-16OF45T	1	1 7/16 - 12	5.12	3.00	.78	---	1 5/8	.94
	101384	PG16-20OF45T	BW16-20OF45T	1	1 11/16 - 12	5.13	3.01	.76	---	1 7/8	.98
	101386	PG20-20OF45T	BW20-20OF45T	1 1/4	1 11/16 - 12	6.23	3.69	1.01	---	1 7/8	1.00

90° Bent Tube Female Swivel O-Ring Face Seal



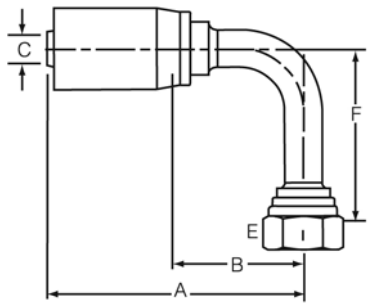
Style: OF90T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	101405	PG06-06OF90T	BW06-06OF90T	3/8	11/16 - 16	2.92	1.55	.27	---	13/16	.90
	101406	PG06-08OF90T	BW06-08OF90T	3/8	13/16 - 16	3.08	1.71	.27	---	15/16	1.15
	101408	PG08-08OF90T	BW08-08OF90T	1/2	13/16 - 16	3.14	1.80	.33	---	15/16	1.15
	101409	PG08-10OF90T	BW08-10OF90T	1/2	1 - 14	3.65	2.30	.38	---	1 1/8	1.15
	101413	PG10-10OF90T	BW10-10OF90T	5/8	1 - 14	4.13	2.03	.44	---	1 1/8	1.27
	101415	PG10-12OF90T	BW10-12OF90T	5/8	1 3/16 - 12	4.13	2.03	.44	---	1 3/8	1.88
	101417	PG12-12OF90T	BW12-12OF90T	3/4	1 3/16 - 12	4.45	2.57	.57	---	1 3/8	1.88
	101419	PG12-16OF90T	BW12-16OF90T	3/4	1 7/16 - 12	4.45	2.57	.57	---	1 5/8	2.21
	101421	PG16-12OF90T	BW16-12OF90T	1	1 3/16 - 12	4.45	2.57	.57	---	1 5/8	1.88
	101423	PG16-16OF90T	BW16-16OF90T	1	1 7/16 - 12	5.06	2.94	.78	---	1 5/8	2.21
	101426	PG20-20OF90T	BW20-20OF90T	1 1/4	1 11/16 - 12	6.25	3.71	1.01	---	1 7/8	2.51

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

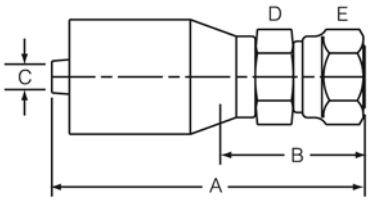
90° Bent Tube Female Swivel O-Ring Face Seal (Medium Drop)



Style: OF90TM
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	101304	PG04-04OF90TM	BW04-04OF90TM	1/4	9/16 - 18	2.73	1.49	.16	---	11/16	1.26
	101310	PG06-06OF90TM	BW06-06OF90TM	3/8	11/16 - 16	2.92	1.54	.27	---	13/16	1.53
	101311	PG06-08OF90TM	BW06-08OF90TM	3/8	13/16 - 16	3.17	1.80	.27	---	15/16	.94
	101313	PG08-08OF90TM	BW08-08OF90TM	1/2	13/16 - 16	3.14	1.80	.33	---	15/16	1.62
	101314	PG08-10OF90TM	BW08-10OF90TM	1/2	1 - 14	3.81	2.46	.38	---	1 1/8	1.12
	101316	PG12-12OF90TM	BW12-12OF90TM	3/4	1 3/16 - 12	4.45	2.57	.57	---	1 3/8	2.28
	101319	PG16-16OF90TM	BW16-16OF90TM	1	1 7/16 - 12	5.06	2.94	.78	---	1 5/8	2.78

Female Swivel O-Ring Face Seal

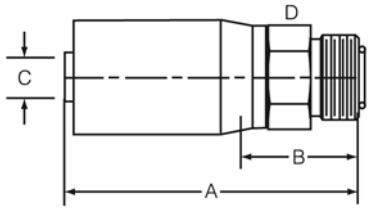


Style: OFT
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	101323	PG04-04OFT	BW04-04OFT	1/4	9/16 - 18	2.32	1.08	.16	9/16	5/8	---
D	101324	PG04-06OFT	BW04-06OFT	1/4	11/16 - 16	2.45	1.20	.16	11/16	3/4	---
	101325	PG06-06OFT	BW06-06OFT	3/8	11/16 - 16	2.50	1.13	.27	11/16	11/16	---
	101326	PG06-08OFT	BW06-08OFT	3/8	13/16 - 16	2.57	1.20	.27	11/16	7/8	---
	101328	PG08-08OFT	BW08-08OFT	1/2	13/16 - 16	2.61	1.26	.38	7/8	7/8	---
	101329	PG08-10OFT	BW08-10OFT	1/2	1 - 14	2.77	1.42	.38	1	1	---
	101331	PG10-10OFT	BW10-10OFT	5/8	1 - 14	3.59	1.49	.44	1	1	---
	101332	PG10-12OFT	BW10-12OFT	5/8	1 3/16 - 12	3.77	1.67	.43	1	1 1/8	---
	101336	PG12-10OFT	BW12-10OFT	3/4	1 - 14	3.42	1.54	.44	1 1/8	1	---
	101337	PG12-12OFT	BW12-12OFT	3/4	1 3/16 - 12	3.51	1.63	.57	1 1/8	1 1/8	---
	101338	PG12-16OFT	BW12-16OFT	3/4	1 7/16 - 12	3.66	1.78	.57	1 3/8	1 3/8	---
	101343	PG16-16OFT	BW16-16OFT	1	1 7/16 - 12	3.90	1.78	.78	1 3/8	1 3/8	---
	101344	PG16-20OFT	BW16-20OFT	1	1 11/16 - 12	3.90	1.78	.78	1 5/8	1 5/8	---
	101345	PG20-20OFT	BW20-20OFT	1 1/4	1 11/16 - 12	4.33	1.79	1.01	1 5/8	1 3/4	---
	101346	PG20-24OFT	BW20-24OFT	1 1/4	2 - 12	4.65	2.11	1.02	1 5/8	2 1/4	---
	101348	PG24-24OFT	BW24-24OFT	1 1/2	2 - 12	4.79	2.19	1.25	2 1/4	2 1/4	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

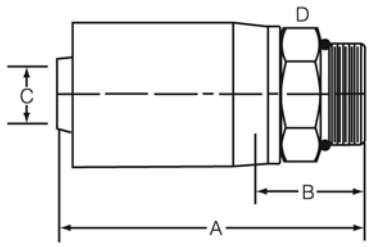
Male O-Ring Face Seal (Furnished with O-Ring)



Style: OM
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	101583	PG04-04OM	BW04-04OM	1/4	9/16 - 18	2.17	.92	.16	9/16	---	---
	101584	PG06-06OM	BW06-06OM	3/8	11/16 - 16	2.29	.92	.27	3/4	---	---
	101587	PG08-08OM	BW08-08OM	1/2	13/16 - 16	2.41	1.06	.38	7/8	---	---
	101596	PG12-12OM	BW12-12OM	3/4	1 3/16 - 12	3.19	1.31	.57	1 1/4	---	---
	101603	PG16-16OM	BW16-16OM	1	1 7/16 - 12	3.46	1.34	.78	1 1/2	---	---

Male O-Ring Boss (Furnished with O-Ring)



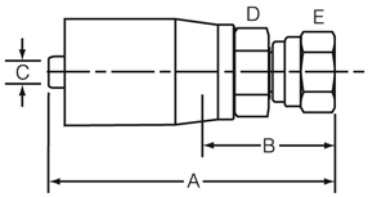
Style: OR
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	100916	PG04-04OR	BW04-04RA	1/4	7/16 - 20	2.02	.78	.16	9/16	---	---
	100920	PG06-06OR	BW06-06RA	3/8	9/16 - 18	2.25	.87	.27	11/16	---	---
	100924	PG08-08OR	BW08-08RA	1/2	3/4 - 16	2.36	1.01	.38	7/8	---	---
	100932	PG12-12OR	BW12-12RA	3/4	1 1/16 - 12	3.12	1.23	.57	1 1/4	---	---
	100938	PG16-16OR	BW16-16RA	1	1 5/16 - 12	3.36	1.24	.78	1 1/2	---	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

PERMANENT CRIMP COUPLINGS

Straight Metric Female Swivel 24° Cone with O-Ring

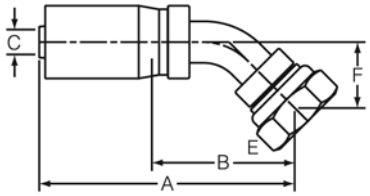


Style: RO
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
D	101701	PG04-06RO12A	BW04-06RO12A	1/4	M12 X 1.5	2.45	1.20	.15	---	17mm	L06mm	---
D	101702	PG04-08RO14A	BW04-08RO14A	1/2	M14 X 1.5	2.46	1.22	.16	---	17mm	L08mm	---
D	101703	PG04-10RO16A	BW04-10RO16A	1/4	M16 X 1.5	2.58	1.33	.16	---	19mm	L10mm	---
D	101704	PG06-10RO16A	BW06-10RO16A	3/8	M16 X 1.5	2.71	1.34	.20	19mm	---	L10mm	---
	101705	PG06-12RO18A	BW06-12RO18A	3/8	M18 X 1.5	2.71	1.34	.27	---	22mm	L12mm	---
	101706	PG06-15RO22A	BW06-15RO22A	3/8	M22 X 1.5	2.75	1.38	.27	---	27mm	L15mm	---
	101707	PG08-15RO22A	BW08-15RO22A	1/2	M22 X 1.5	2.79	1.44	.38	---	27mm	L15mm	---
D	101708	PG10-18RO26A	BW10-18RO26A	5/8	M26 X 1.5	3.55	1.45	.44	---	32mm	L18mm	---
D	101709	PG12-18RO26A	BW12-18RO26A	3/4	M26 X 1.5	3.42	1.54	.53	---	32mm	L18mm	---
D	101710	PG12-22RO30B	BW12-22RO30B	3/4	M30 X 2.0	3.70	1.82	.56	---	36mm	L22mm	---
D	101711	PG16-28RO36B	BW16-28RO36B	1	M36 X 2.0	3.85	1.73	.78	---	41mm	L28mm	---
	101712	PG20-35RO45B	BW20-35RO45B	1 1/4	M45 X 2.0	4.71	2.17	1.02	---	55mm	L35mm	---
D	101716	PG04-08RO16A	BW04-08RO16A	1/4	M16 X 1.5	2.57	1.33	.16	---	19mm	S08mm	---
D	101717	PG04-10RO18A	BW04-10RO18A	1/4	M18 X 1.5	2.58	1.33	.16	---	22mm	S10mm	---
	101718	PG06-08RO16A	BW06-08RO16A	3/8	M16 X 1.5	2.63	1.26	.16	---	19mm	S08mm	---
D	101719	PG06-12RO20A	BW06-12RO20A	3/8	M20 X 1.5	2.74	1.37	.27	---	24mm	S12mm	---
D	101720	PG06-14RO22A	BW06-14RO22A	3/8	M22 X 1.5	2.75	1.38	.27	---	27mm	S14mm	---
D	101721	PG08-12RO20A	BW08-12RO20A	1/2	M20 X 1.5	2.73	1.38	.28	---	24mm	S12mm	---
D	101722	PG08-16RO24A	BW08-16RO24A	1/2	M24 X 1.5	2.84	1.49	.38	---	30mm	S16mm	---
D	101723	PG10-20RO30B	BW10-20RO30B	5/8	M30 X 2.0	3.84	1.74	.43	---	36mm	S20mm	---
	101724	PG12-20RO30B	BW12-20RO30B	3/4	M30 X 2.0	3.70	1.82	.53	---	36mm	S20mm	---
	101725	PG12-25RO36B	BW12-25RO36B	3/4	M36 X 2.0	3.61	1.73	.56	---	41mm	S25mm	---
D	101726	PG16-30RO42B	BW16-30RO42B	1	M42 X 2.0	4.12	2.00	.78	---	50mm	S30mm	---
	101727	PG20-30RO42B	BW20-30RO42B	1 1/4	M42 X 2.0	4.56	2.02	.83	---	50mm	S30mm	---
	101728	PG20-38RO52B	BW20-38RO52B	1 1/4	M52 X 2.0	4.51	1.97	1.02	---	60mm	S38mm	---

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

45° Bent Tube Metric Female Swivel 24° Cone with O-Ring

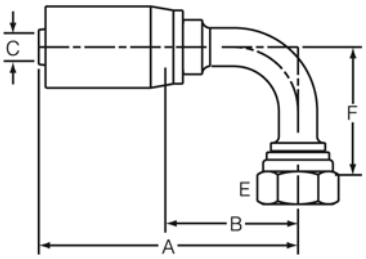


Style: RO45T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
D	101732	PG04-08RO14A45T	BW04-08RO14A45T	1/4	M14 X 1.5	3.49	2.25	.15	---	17mm	L08mm	.99
D	101733	PG04-10RO16A45T	BW04-10RO16A45T	1/4	M16 X 1.5	3.51	2.26	.16	---	19mm	L10mm	.94
	101734	PG06-10RO16A45T	BW06-10RO16A45T	3/8	M16 X 1.5	3.55	2.18	.19	---	19mm	L10mm	.94
	101735	PG06-12RO18A45T	BW06-12RO18A45T	3/8	M18 X 1.5	3.55	2.18	.25	---	22mm	L12mm	.97
	101736	PG08-15RO22A45T	BW08-15RO22A45T	1/2	M22 X 1.5	3.73	2.38	.33	---	27mm	L15mm	.97
	101737	PG10-18RO26A45T	BW10-18RO26A45T	5/8	M26 X 1.5	4.82	2.72	.44	---	32mm	L18mm	1.13
	101738	PG12-18RO26A45T	BW12-18RO26A45T	3/4	M26 X 1.5	4.46	2.58	.44	---	32mm	L18mm	1.13
D	101739	PG12-22RO30B45T	BW12-22RO30B45T	3/4	M30 X 2.0	5.13	3.25	.51	---	36mm	L22mm	1.39
	101740	PG16-28RO36B45T	BW16-28RO36B45T	1	M36 X 2.0	5.84	3.72	.46	---	41mm	L28mm	1.66
	101741	PG20-35RO45B45T	BW20-35RO45B45T	1 1/4	M45 X 2.0	7.01	4.47	1.01	---	50mm	L35mm	1.77
D	101745	PG04-08RO16A45T	BW04-08RO16A45T	1/4	M16 X 1.5	3.37	2.12	.15	---	19mm	S08mm	.86
D	101746	PG04-10RO18A45T	BW04-10RO18A45T	1/4	M18 X 1.5	3.39	2.15	.15	---	22mm	S10mm	.88
	101747	PG06-08RO16A45T	BW06-08RO16A45T	3/8	M16 X 1.5	3.44	2.07	.15	---	19mm	S08mm	.89
	101748	PG06-12RO20A45T	BW06-12RO20A45T	3/8	M20 X 1.5	3.64	2.27	.27	---	24mm	S12mm	1.02
	101749	PG06-14RO22A45T	BW06-14RO22A45T	3/8	M22 X 1.5	3.58	2.20	.25	---	27mm	S14mm	.95
	101750	PG08-12RO20A45T	BW08-12RO20A45T	1/2	M20 X 1.5	3.94	2.60	.29	---	24mm	S12mm	.75
	101751	PG08-16RO24A45T	BW08-16RO24A45T	1/2	M24 X 1.5	3.75	2.41	.33	---	30mm	S16mm	1.00
	101752	PG10-20RO30B45T	BW10-20RO30B45T	5/8	M30 X 2.0	5.47	3.37	.43	---	36mm	S20mm	1.38
	101753	PG12-20RO30B45T	BW12-20RO30B45T	3/4	M30 X 2.0	5.16	3.28	.51	---	36mm	S20mm	1.38
	101754	PG12-25RO36B45T	BW12-25RO36B45T	3/4	M36 X 2.0	4.90	3.02	.51	---	41mm	S25mm	1.23
	101755	PG16-30RO42B45T	BW16-30RO42B45T	1	M42 X 2.0	6.15	4.03	.76	---	50mm	S30mm	1.63
	101756	PG20-30RO42B45T	BW20-30RO42B45T	1 1/4	M42 X 2.0	6.82	4.28	.76	---	50mm	S30mm	1.63
	101757	PG20-38RO52B45T	BW20-38RO52B45T	1 1/4	M52 X 2.0	7.00	4.46	1.02	---	60mm	S38mm	1.82

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

90° Bent Tube Metric Female Swivel 24° Cone with O-Ring



Style: RO90T
Series: PG
Material: Steel
Recommended Hose: DR17, DR2, DR12, DR16, DR1, DR13, DR4

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	Tube OD	F Drop
D	101761	PG04-08RO14A90T	BW04-08RO14A90T	1/4	M14 X 1.5	2.73	1.49	.15	---	17mm	L08mm	1.65
D	101762	PG04-10RO16A90T	BW04-10RO16A90T	1/4	M16 X 1.5	2.86	1.61	.16	---	19mm	L10mm	1.63
D	101763	PG06-10RO16A90T	BW06-10RO16A90T	3/8	M16 X 1.5	2.92	1.54	.19	---	19mm	L10mm	1.50
	101764	PG06-12RO18A90T	BW06-12RO18A90T	3/8	M18 X 1.5	2.92	1.54	.25	---	22mm	L12mm	1.86
D	101765	PG08-15RO22A90T	BW08-15RO22A90T	1/2	M22 x 1.5	3.12	1.77	.25	---	27mm	L15mm	1.78
	101766	PG10-18RO26A90T	BW10-18RO26A90T	5/8	M26 X 1.5	4.13	2.03	.44	---	32mm	L18mm	2.14
	101767	PG12-18RO26A90T	BW12-18RO26A90T	3/4	M26 X 1.5	3.77	1.89	.44	---	32mm	L18mm	2.14
	101768	PG12-22RO30B90T	BW12-22RO30B90T	3/4	M30 X 2.0	4.74	2.86	.51	---	36mm	L22mm	2.64
	101769	PG16-28RO36B90T	BW16-28RO36B90T	1	M36 X 2.0	5.06	2.94	.76	---	41mm	L28mm	3.10
	101770	PG20-35RO45B90T	BW20-35RO45B90T	1 1/4	M45 X 2.0	6.44	3.90	1.01	---	50mm	L35mm	3.68
D	101774	PG04-08RO16A90T	BW04-08RO16A90T	1/4	M16 X 1.5	2.73	1.49	.15	---	19mm	S08mm	1.47
D	101775	PG04-10RO18A90T	BW04-10RO18A90T	1/4	M18 X 1.5	2.73	1.49	.15	---	22mm	S10mm	1.50
	101776	PG06-08RO16A90T	BW06-08RO16A90T	3/8	M16 X 1.5	2.84	1.47	.15	---	19mm	S08mm	1.56
D	101777	PG06-12RO20A90T	BW06-12RO20A90T	3/8	M20 x 1.5	2.92	1.54	.27	---	24mm	S12mm	1.74
	101778	PG06-14RO22A90T	BW06-14RO22A90T	3/8	M22 X 1.5	2.92	1.54	.27	---	27mm	S14mm	1.64
	101779	PG08-12RO20A90T	BW08-12RO20A90T	1/2	M20 X 1.5	3.14	1.80	.29	---	24mm	S12mm	2.05
D	101780	PG08-16RO24A90T	BW08-16RO24A90T	1/2	M24 x 1.5	3.12	1.77	.38	---	30mm	S16mm	1.78
	101781	PG10-20RO30B90T	BW10-20RO30B90T	5/8	M30 X 2.0	4.13	2.03	.44	---	36mm	S20mm	2.54
D	101782	PG12-20RO30B90T	BW12-20RO30B90T	3/4	M30 x 2.0	4.69	2.81	.51	---	36mm	S20mm	2.54
	101783	PG12-25RO36B90T	BW12-25RO36B90T	3/4	M36 X 2.0	4.66	2.78	.51	---	41mm	S25mm	2.42
D	101784	PG16-30RO42B90T	BW16-30RO42B90T	1	M42 x 2.0	6.53	3.41	.76	---	50mm	S30mm	3.34
D	101785	PG20-30RO42B90T	BW20-30RO42B90T	1 1/4	M42 X 2.0	6.20	3.66	.76	---	50mm	S30mm	3.34
	101786	PG20-38RO52B90T	BW20-38RO52B90T	1 1/4	M52 X 2.0	6.42	3.88	1.01	---	60mm	S38mm	3.78

D - Discontinued H - Hold N - New O - Obsolete R - Reinstated

Notes

BEADLOCK (AC) COUPLINGS

Series	Style	Description	Page No.
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BL	F45TO-SP	45° Bent Tube Female Swivel O-Ring With R134a Service Port	96
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BL	F90TO-M	Metric 90° Female O-Ring	97
BL	F90TO-SP	90° Bent Tube Female Swivel O-Ring With R134a Service Port	98
BL	FA45T	45° Bent Tube Female Swivel (SAE 45° Flare)	98
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BL	FAT	Straight Female Swivel (SAE 45° Flare)	99
BL	FTO	Straight Female Swivel Tube O-Ring	100
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BL	M45TO	45° Bent Tube Male O-Ring	101
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BL	MA	Straight Male (SAE 45° Flare)	103
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BL	MTO	Straight Male Tube O-Ring	105
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SB	F90TO-SP	90° Bent Tube Female Swivel O-Ring With R134a Service Port	107
SB	FA90T	90° Bent Tube Female Swivel (SAE 45° Flare)	108
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SB	M90TO	90° Bent Tube Male O-Ring	110
SB	M90TO-NC	90° Bent Tube Male Swivel O-Ring - Navistar Compressor	110
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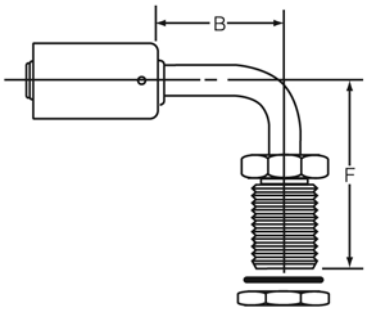
BEADLOCK (AC) COUPLINGS

90° Bulkhead Male Insert O-Ring

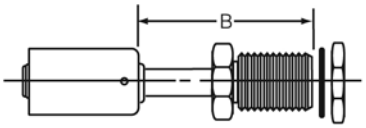


Style: BH90
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105790	BL06-06BH90	BL1721	5/16	5/8 - 18	6	1.63	2.12
	105791	BL08-08BH90	BL1722	13/32	3/4 - 16	8	1.75	2.44
	105793	BL10-10BH90	BL1723	1/2	7/8 - 14	10	2.00	2.50

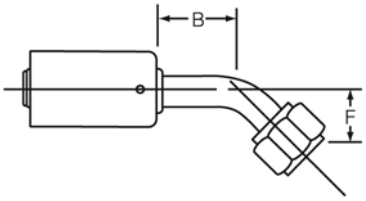
Straight Bulkhead Male Insert O-Ring

Style: BHS
Series: BL
Material: Aluminum
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105780	BL06-06BHS	BL1701	5/16	5/8 - 18	6	2.50	---
	105781	BL08-08BHS	BL1702	13/32	3/4 - 16	8	2.75	---
	105783	BL10-10BHS	BL1703	1/2	7/8 - 14	10	2.94	---

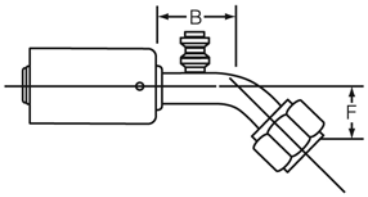
45° Bent Tube Female Swivel O-Ring



Style: F45TO
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105671	BL06-06F45TO	BL1311	5/16	5/8 - 18	6	.81	.56
	105672	BL08-08F45TO	BL1312	13/32	3/4 - 16	8	.94	.63
	105673	BL10-10F45TO	BL1313	1/2	7/8 - 14	10	1.25	.88
	105674	BL12-12F45TO	BL1314	5/8	1 1/16 - 14	12	1.50	.94

45° Bent Tube Female Swivel O-Ring With R134a Service Port

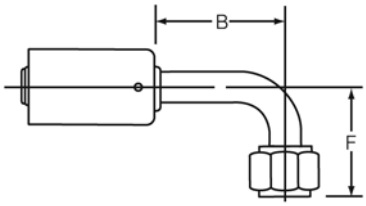


Style: F45TO-SP
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105770	BL06-06F45TO-SP	BL1311-3	5/16	5/8 - 18	6	1.63	.56
	105771	BL08-08F45TO-SP	BL1312-3	13/32	3/4 - 16	8	1.63	.63
	105773	BL10-10F45TO-SP	BL1313-3	1/2	7/8 - 14	10	1.75	.88
	105774	BL12-12F45TO-SP	BL1314-3	5/8	1 1/16 - 14	12	1.88	.94

BEADLOCK (AC) COUPLINGS

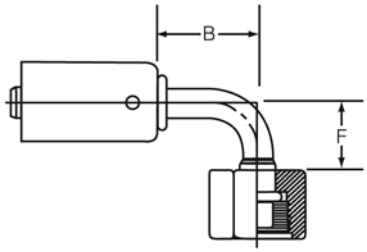
90° Bent Tube Female Swivel O-Ring



Style: F90TO
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105681	BL06-06F90TO	BL1321	5/16	5/8 - 18	6	1.06	1.12
	105682	BL08-08F90TO	BL1322	13/32	3/4 - 16	8	1.25	1.31
	105683	BL10-10F90TO	BL1323	1/2	7/8 - 14	10	1.50	1.50
	105684	BL12-12F90TO	BL1324	5/8	1 1/16 - 14	12	1.75	1.75
	105687	BL12-10F90TO	BL1327	5/8	7/8 - 14	10	1.75	1.75

Metric 90° Female O-Ring

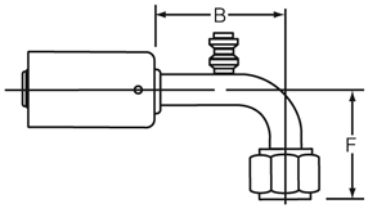


Style: F90TO-M
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105952	BL06-M16F90TO-M	BL9322	5/16	M16 X 1.5	M16	1.25	1.12
	105953	BL06-M18F90TO-M	BL9323	5/16	M18 X 1.5	M18	1.25	1.12
	105954	BL06-M20F90TO-M	BL9324	5/16	M20 X 1.5	M20	1.25	1.25
	105955	BL08-M20F90TO-M	BL9325	13/32	M20 X 1.5	M20	1.44	1.37
	105956	BL10-M22F90TO-M	BL9326	1/2	M22 X 1.5	M22	1.63	1.50
	105957	BL10-M24F90TO-M	BL9327	1/2	M24 X 2.0	M24	1.63	1.50
	105958	BL12-M27F90TO-M	BL9328	5/8	M27 X 2.0	M27	1.88	1.75

BEADLOCK (AC) COUPLINGS

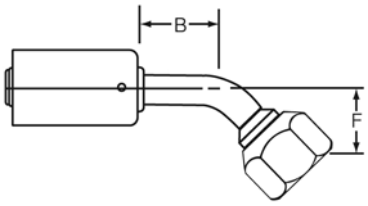
90° Bent Tube Female Swivel O-Ring With R134a Service Port



Style: F90TO-SP
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105740	BL06-06F90TO-SP	BL1321-3	5/16	5/8 - 18	6	2.12	1.12
	105741	BL08-08F90TO-SP	BL1322-3	13/32	3/4 - 16	8	2.12	1.31
	105742	BL10-10F90TO-SP	BL1323-3	1/2	7/8 - 14	10	2.38	1.50
	105744	BL12-12F90TO-SP	BL1324-3	5/8	1 1/16 - 14	12	2.69	1.75
	105747	BL12-10F90TO-SP	BL1327-3	5/8	7/8 - 14	10	2.69	1.75

45° Bent Tube Female Swivel (SAE 45° Flare)

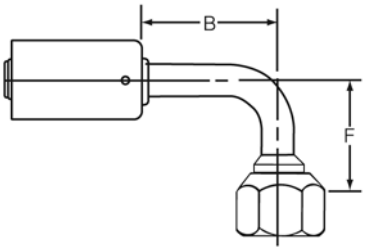


Style: FA45T
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105611	BL06-06FA45T	BL1111	5/16	5/8 - 18	6	.81	.56
	105612	BL08-08FA45T	BL1112	13/32	3/4 - 16	8	.94	.63
	105613	BL10-10FA45T	BL1113	1/2	7/8 - 14	10	1.25	.88
	105614	BL12-12FA45T	BL1114	5/8	1 1/16 -14	12	1.50	1.00

BEADLOCK (AC) COUPLINGS

90° Bent Tube Female Swivel (SAE 45° Flare)

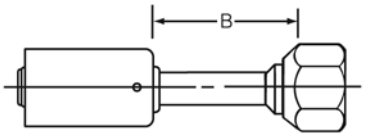


Style: FA90T
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105621	BL06-06FA90T	BL1121	5/16	5/8 - 18	6	1.06	1.06
	105622	BL08-08FA90T	BL1122	13/32	3/4 - 16	8	1.25	1.25
	105623	BL10-10FA90T	BL1123	1/2	7/8 - 14	10	1.50	1.50
	105624	BL12-12FA90T	BL1124	5/8	1 1/16 - 14	12	1.75	1.50
	105627	BL12-10FA90T	BL1127	5/8	7/8 - 14	10	1.75	1.50

Straight Female Swivel (SAE 45° Flare)

Style: FAT
Series: BL
Material: Aluminum
Recommended Hose: DBH

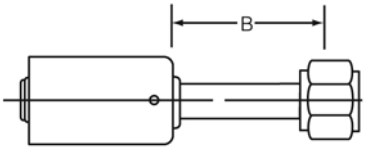


	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105601	BL06-06FAT	BL1101	5/16	5/8 - 18	6	1.38	---
	105602	BL08-08FAT	BL1102	13/32	3/4 - 16	8	1.19	---
	105603	BL10-10FAT	BL1103	1/2	7/8 - 14	10	1.50	---
	105604	BL12-12FAT	BL1104	5/8	1 1/16 - 14	12	1.75	---
	105607	BL12-10FAT	BL1107	5/8	7/8 - 14	10	1.75	---

BEADLOCK (AC) COUPLINGS

Straight Female Swivel Tube O-Ring

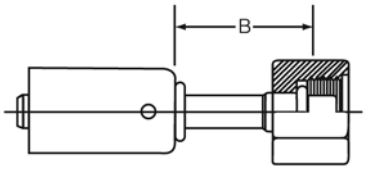
Style: FTO
Series: BL
Material: Aluminum
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105661	BL06-06FTO	BL1301	5/16	5/8 - 18	6	1.38	---
	105662	BL08-08FTO	BL1302	13/32	3/4 - 16	8	1.50	---
	105663	BL10-10FTO	BL1303	1/2	7/8 - 14	10	1.69	---
	105664	BL12-12FTO	BL1304	5/8	1 1/16 - 14	12	1.81	---
	105667	BL12-10FTO	BL1307	5/8	7/8 - 14	10	1.81	---

Metric Straight Female O-Ring

Style: FTO-M
Series: BL
Material: Aluminum
Recommended Hose: DBH

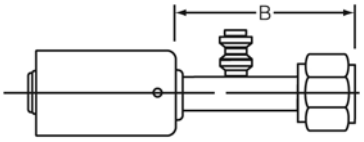


	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105941	BL06-05FTO-M	BL9301	5/16	9/16 - 18	5	1.31	---
	105942	BL06-M16FTO-M	BL9302	5/16	M16 X 1.5	M16	1.31	---
	105943	BL06-M18FTO-M	BL9303	5/16	M18 X 1.5	M18	1.37	---
	105944	BL06-M20FTO-M	BL9304	5/16	M20 X 1.5	M20	1.44	---
	105945	BL08-M20FTO-M	BL9305	13/32	M20 X 1.5	M20	1.44	---
	105946	BL10-M22FTO-M	BL9306	1/2	M22 X 1.5	M22	1.69	---
	105947	BL10-M24FTO-M	BL9307	1/2	M24 X 2.0	M24	1.69	---
	105948	BL12-M27FTO-M	BL9308	5/8	M27 X 2.0	M27	1.81	---

BEADLOCK (AC) COUPLINGS

Straight Female Swivel O-Ring With R134a Service Port

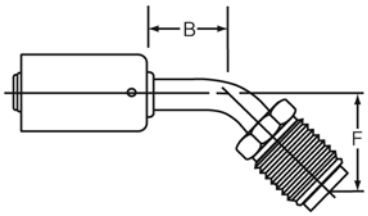
Style: FTO-SP
Series: BL
Material: Aluminum
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105750	BL06-06FTO-SP	BL1301-3	5/16	5/8 - 18	6	1.88	---
	105751	BL08-08FTO-SP	BL1302-3	13/32	3/4 - 16	8	2.25	---
	105752	BL10-10FTO-SP	BL1303-3	1/2	7/8 - 14	10	2.25	---
	105754	BL12-12FTO-SP	BL1304-3	5/8	1 1/16 - 14	12	2.25	---

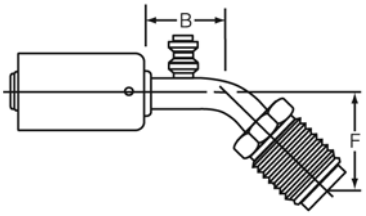
45° Bent Tube Male O-Ring

Style: M45TO
Series: BL
Material: Aluminum
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105701	BL06-06M45TO	BL1411	5/16	5/8 - 18	6	.81	.88
	105702	BL08-08M45TO	BL1412	13/32	3/4 - 18	8	.94	1.00
	105703	BL10-10M45TO	BL1413	1/2	7/8 - 18	10	1.25	1.06
	105704	BL12-12M45TO	BL1414	5/8	1 1/16 - 16	12	1.50	1.19

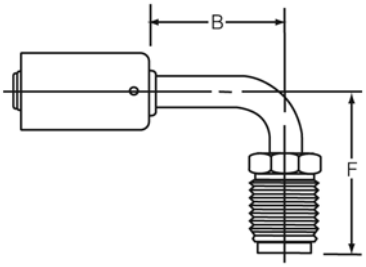
45° Bent Tube Male O-Ring With R134a Service Port



Style: M45TO-SP
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105904	BL10-10M45TO-SP	BL1417-3	1/2	7/8 - 18	10	1.88	.94

90° Bent Tube Male O-Ring

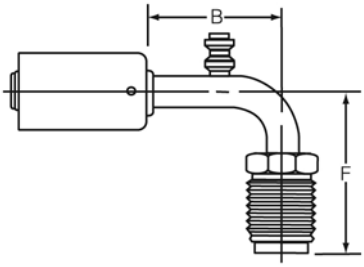


Style: M90TO
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105711	BL06-06M90TO	BL1421	5/16	5/8 - 18	6	1.06	1.63
	105712	BL08-08M90TO	BL1422	13/32	3/4 - 18	8	1.25	1.88
	105713	BL10-10M90TO	BL1423	1/2	7/8 - 18	10	1.50	2.12
	105714	BL12-12M90TO	BL1424	5/8	1 1/16 - 16	12	1.75	2.25
	105717	BL12-10M90TO	BL1427	5/8	7/8 - 18	10	1.75	2.25

BEADLOCK (AC) COUPLINGS

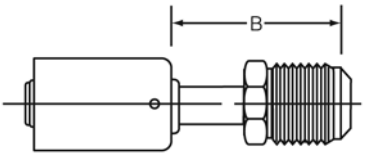
90° Bent Tube Male O-Ring With R134a Service Port



Style: M90TO-SP
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105914	BL10-10M90TO-SP	BL1427-3	1/2	7/8 - 18	10	2.69	1.75

Straight Male (SAE 45° Flare)

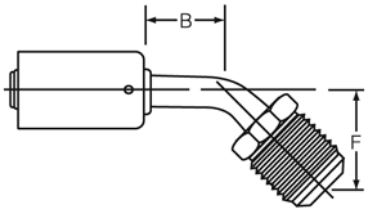


Style: MA
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105631	BL06-06MA	BL1201	5/16	5/8 - 18	6	1.88	---
	105632	BL08-08MA	BL1202	13/32	3/4 - 16	8	2.00	---
	105633	BL10-10MA	BL1203	1/2	7/8 - 14	10	2.31	---
	105634	BL12-12MA	BL1204	5/8	1 1/16 - 14	12	2.50	---

BEADLOCK (AC) COUPLINGS

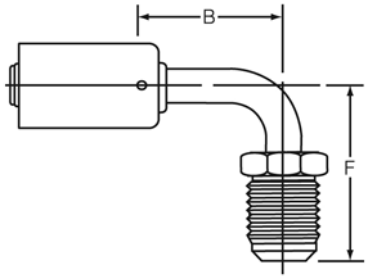
45° Bent Tube Male (SAE 45° Flare)



Style: MA45T
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105641	BL06-06MA45T	BL1211	5/16	5/8 - 18	6	.81	.94
	105642	BL08-08MA45T	BL1212	13/32	3/4 - 16	8	.94	1.06
	105643	BL10-10MA45T	BL1213	1/2	7/8 - 14	10	1.25	1.12
	105644	BL12-12MA45T	BL1214	5/8	1 1/16 - 14	12	1.50	1.25

90° Bent Tube Male (SAE 45° Flare)



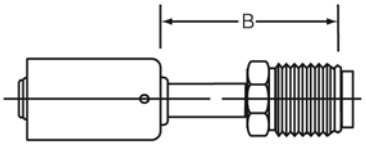
Style: MA90T
Series: BL
Material: Aluminum
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105651	BL06-06MA90T	BL1221	5/16	5/8 - 18	6	1.06	1.75
	105652	BL08-08MA90T	BL1222	13/32	3/4 - 16	8	1.50	1.81
	105653	BL10-10MA90T	BL1223	1/2	7/8 - 14	10	1.50	2.19
	105654	BL12-12MA90T	BL1224	5/8	1 1/16 - 14	12	1.75	2.45

BEADLOCK (AC) COUPLINGS

Straight Male Tube O-Ring

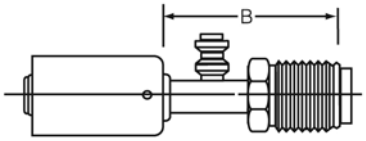
Style: MTO
Series: BL
Material: Aluminum
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105691	BL06-06MTO	BL1401	5/16	5/8 - 18	6	1.69	---
	105692	BL08-08MTO	BL1402	13/32	3/4 - 18	8	1.75	---
	105693	BL10-10MTO	BL1403	1/2	7/8 - 18	10	1.88	---
	105694	BL12-12MTO	BL1404	5/8	1 1/16 - 16	12	2.38	---
	105697	BL12-10MTO	BL1407	5/8	7/8 - 18	10	2.38	---

Straight Male O-Ring With R134a Service Port

Style: MTO-SP
Series: BL
Material: Aluminum
Recommended Hose: DBH

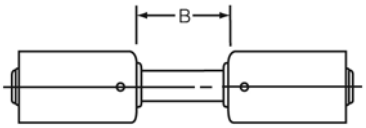


	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105894	BL10-10MTO-SP	BL1407-3	1/2	7/8 - 18	10	2.25	---

BEADLOCK (AC) COUPLINGS

Straight Splicer

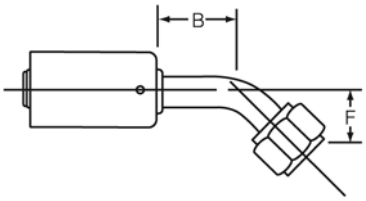
Style: RM
Series: BL
Material: Aluminum
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	105591	BL06-06RM	BL6101	5/16	---	6	1.50	---
	105592	BL08-08RM	BL6102	13/32	---	8	1.50	---
	105593	BL10-10RM	BL6103	1/2	---	10	1.63	---
	105594	BL12-12RM	BL6104	5/8	---	12	1.75	---

45° Bent Tube Female Swivel O-Ring

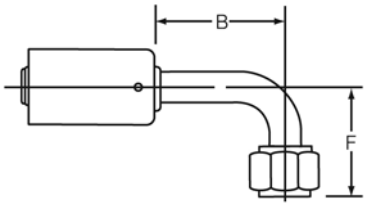
Style: F45TO
Series: SB
Material: Steel
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118041	SB06-06F45TO	SB1311	5/8 - 18	5/16	6	.81	.56
	118042	SB08-08F45TO	SB1312	3/4 - 16	13/32	8	.94	.63
	118043	SB10-10F45TO	SB1313	7/8 - 18	1/2	10	1.25	.88

BEADLOCK (AC) COUPLINGS

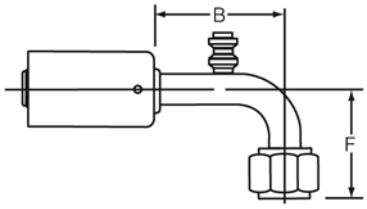
90° Bent Tube Female Swivel O-Ring



Style: F90TO
Series: SB
Material: Steel
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118051	SB06-06F90TO	SB1321	5/16	5/8 - 18	6	1.25	1.25
	118052	SB08-08F90TO	SB1322	13/32	3/4 - 16	8	1.44	1.44
	118053	SB10-10F90TO	SB1323	1/2	7/8 - 18	10	1.63	1.56
	118057	SB12-10F90TO	SB1327	5/8	7/8 - 18	10	1.94	1.56

90° Bent Tube Female Swivel O-Ring With R134a Service Port

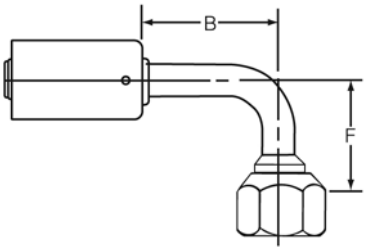


Style: F90TO-SP
Series: SB
Material: Steel
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118071	SB06-06F90TO-SP	SB1321-3	5/16	5/8 - 18	6	2.12	1.12
	118072	SB08-08F90TO-SP	SB1322-3	13/32	3/4 - 16	8	2.12	1.31
	118073	SB10-10F90TO-SP	SB1323-3	1/2	7/8 - 18	10	2.38	1.50

BEADLOCK (AC) COUPLINGS

90° Bent Tube Female Swivel (SAE 45° Flare)

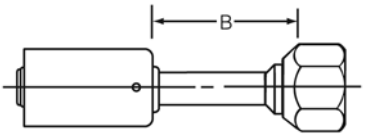


Style: FA90T
Series: SB
Material: Steel
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118021	SB06-06FA90T	SB1121	5/16	5/8 - 18	6	1.25	1.12
	118022	SB08-08FA90T	SB1122	13/32	3/4 - 16	8	1.44	1.31
	118023	SB10-10FA90T	SB1123	1/2	7/8 - 14	10	1.44	1.56

Straight Female Swivel (SAE 45° Flare)

Style: FAT
Series: SB
Material: Steel
Recommended Hose: DBH

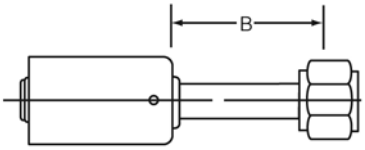


	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118001	SB06-06FAT	SB1101	5/16	5/8 - 18	6	1.38	---
	118002	SB08-08FAT	SB1102	13/32	3/4 - 16	8	1.44	---
	118003	SB10-10FAT	SB1103	1/2	7/8 - 14	10	1.69	---

BEADLOCK (AC) COUPLINGS

Straight Female Swivel O-Ring

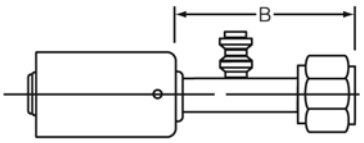
Style: FTO
Series: SB
Material: Steel
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118031	SB06-06FTO	SB1301	5/16	5/8 - 18	6	1.38	---
	118032	SB08-08FTO	SB1302	13/32	3/4 - 16	8	1.44	---
	118033	SB10-10FTO	SB1303	1/2	7/8 - 18	10	1.69	---
	118037	SB12-10FTO	SB1307	5/8	7/8 - 18	10	1.88	---

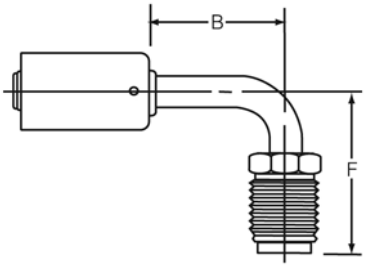
Straight Female Swivel O-Ring With R134a Service Port

Style: FTO-SP
Series: SB
Material: Steel
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118061	SB06-06FTO-SP	SB1301-3	5/16	5/8 - 18	6	1.88	---
	118062	SB08-08FTO-SP	SB1302-3	13/32	3/4 - 16	8	1.88	---
	118063	SB10-10FTO-SP	SB1303-3	1/2	7/8 - 18	10	2.12	---

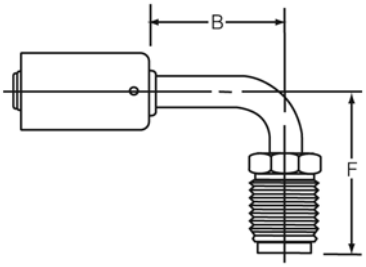
90° Bent Tube Male O-Ring



Style: M90TO
Series: SB
Material: Steel
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118101	SB06-06M90TO	SB1421	5/16	5/8- 18	6	1.06	1.63
	118103	SB10-10M90TO	SB1423	1/2	7/8 - 18	10	1.50	2.12

90° Bent Tube Male Swivel O-Ring - Navistar Compressor



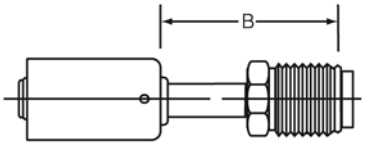
Style: M90TO-NC
Series: SB
Material: Steel
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118108	SB06-06M90TO-NC	SB1953	5/16	11/16 - 16	6	1.06	1.63

BEADLOCK (AC) COUPLINGS

Straight Male O-Ring

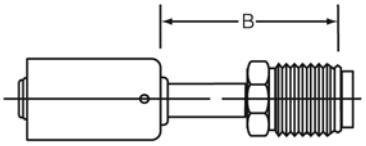
Style: MTO
Series: SB
Material: Steel
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118081	SB06-06MTO	SB1401	5/16	5/8 - 18	6	1.71	---
	118083	SB10-10MTO	SB1403	1/2	7/8 - 18	10	1.88	---

Straight Male Swivel O-Ring - Navistar Compressor

Style: MTO-NC
Series: SB
Material: Steel
Recommended Hose: DBH

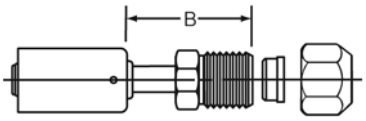


	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118107	SB06-06MTO-NC	SB1952	5/16	11/16 - 16	6	1.54	---

BEADLOCK (AC) COUPLINGS

Straight Compression Fitting Repairs Standard Tubing

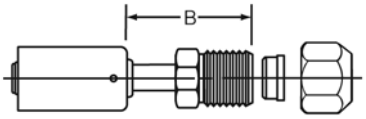
Style: MV
Series: SB
Material: Steel
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118121	SB06-06MV	SB2901	5/16	5/8 - 18	6	1.19	---
	118122	SB08-08MV	SB2902	13/32	3/4 - 16	8	1.38	---
	118123	SB10-10MV	SB2903	1/2	7/8 - 14	10	1.50	---
	118124	SB12-12MV	SB2904	5/8	1 1/16 - 14	12	1.75	---

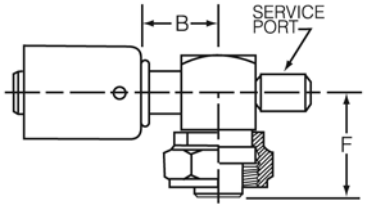
Metric Straight Compression Fitting

Style: MZ
Series: SB
Material: Steel
Recommended Hose: DBH



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118131	SB06-M8MZ	SB3001	8mm Tube	5/16	8mm	---	---
	118132	SB08-M12MZ	SB3002	12mm Tube	13/32	12mm	---	---
	118133	SB10-M14.5MZ	SB3003	14.5mm Tube	1/2	14.5mm	---	---

90° Female Swivel Bent Tube-0 With R134a Service Port



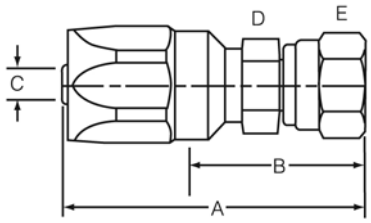
Style: ROTO
Series: SB
Material: Steel
Recommended Hose: DBH

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	Fitting	B Cut Off	F Drop
	118112	SB06-06ROTO-SP	SB2142-3	5/16	1 - 14	FTO	.95	.78
	118113	SB10-10ROTO-SP	SB2143-3	1/2	1 - 14	FTO	1.01	.78
	118114	SB12-12ROTO-SP	SB2144-3	5/8	1 - 14	FTO	1.17	.78

REUSABLE COUPLINGS

Series	Style	Description	Page No.
DN	FA	Female Swivel 45° Flare	115
DN	FA45T	45° Bent Tube Female Swivel 45° Flare	115
DN	FA90T	90° Bent Tube Female Swivel 45° Flare	116
DN	FJ	Female Swivel 37° Flare (JIC)	116
DN	FJ45T	45° Bent Tube Female Swivel 37° Flare (JIC)	117
DN	FJ90T	90° Bent Tube Female Swivel 37° Flare (JIC)	117
DN	MA	Male 45° Flare	118
DN	MF90T	90° Bent Tube Male Swivel Inverted Flare	118
DN	MJ	Male 37° Flare (JIC)	119
DN	MP	NPTF Male	119
GL	FA	Female Swivel 45° Flare	120
GL	FA45T	45° Bent Tube Female Swivel 45° Flare	120
GL	FA90T	90° Bent Tube Female Swivel 45° Flare	121
GL	FJ	Female Swivel 37° Flare (JIC)	121
GL	FJ45T	45° Bent Tube Female Swivel 37° Flare (JIC)	122
GL	FJ90T	90° Bent Tube Female Swivel 37° Flare (JIC)	122
GL	MF	Male Swivel Inverted Flare	123
GL	MF45T	45° Bent Tube Male Swivel Inverted Flare	123
GL	MF90T	90° Bent Tube Male Swivel Inverted Flare	124
GL	MJ	Male 37° Flare (JIC)	124
GL	MP	NPTF Male	125
GL	MV	Male Flareless with Nut & Sleeve	125

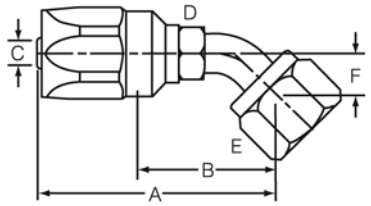
Female Swivel 45° Flare



Style: FA
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121402	DN04-04FA	BN04-04FA	3/16	7/16 - 20	1.98	1.23	.13	9/16	9/16	---
	121406	DN05-05FA	BN05-05FA	1/4	1/2 - 20	2.16	1.36	.17	5/8	5/8	---
	121410	DN06-06FA	BN06-06FA	5/16	5/8 - 18	2.39	1.44	.23	3/4	3/4	---
	121411	DN06-08FA	BN06-08FA	5/16	3/4 - 16	2.38	1.42	.23	7/8	7/8	---
	121413	DN08-08FA	BN08-08FA	13/32	3/4 - 16	2.69	1.53	.36	7/8	7/8	---
	121417	DN10-10FA	BN10-10FA	1/2	7/8 - 14	3.05	1.75	.45	1	1	---
	121421	DN12-12FA	BN12-12FA	5/8	1 1/16 - 14	3.56	2.00	.55	1 1/4	1 1/4	---

45° Bent Tube Female Swivel 45° Flare

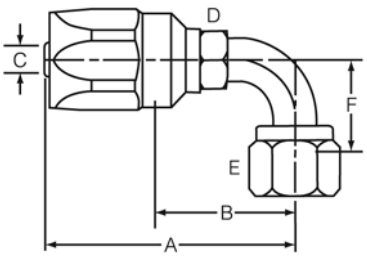


Style: FA45T
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121426A	DN06-06FA45T	BN06-06FA45T	5/16	5/8 - 18	2.28	1.33	.23	3/4	1/2	.39
	121432	DN12-12FA45T	BN12-12FA45T	5/8	1 1/16 - 14	3.73	2.17	.55	7/8	3/4	.77

D - Discontinued S - Superceded

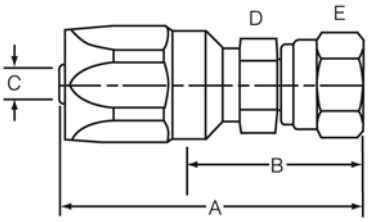
90° Bent Tube Female Swivel 45° Flare



Style: FA90T
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121436	DN06-06FA90T	BN06-06FA90T	5/16	5/8 - 18	2.17	1.22	.23	3/4	1/2	.86
	121440	DN12-12FA90T	BN12-12FA90T	5/8	1 1/16 - 14	3.78	2.22	.55	1 1/4	1 1/4	1.83

Female Swivel 37° Flare (JIC)

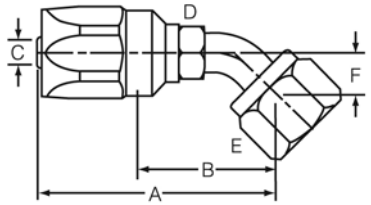


Style: FJ
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121445	DN04-04FJ	BN04-04FJ	3/16	7/16 - 20	1.95	1.20	.13	9/16	9/16	---
	121448	DN05-04FJ	BN05-04FJ	1/4	7/16 - 20	2.11	2.09	.17	7/16	7/16	---
	121449	DN05-05FJ	BN05-05FJ	1/4	1/2 - 20	2.12	1.32	.17	5/8	5/8	---
	121453	DN06-06FJ	BN06-06FJ	5/16	9/16 - 18	2.32	1.37	.23	11/16	11/16	---
	121454	DN06-08FJ	BN06-08FJ	5/16	3/4 - 16	2.44	1.47	.23	7/8	7/8	---
	121455A	DN08-06FJ	BN08-06FJ	13/32	9/16 - 18	2.64	1.47	.30	3/4	11/16	---
	121456	DN08-08FJ	BN08-08FJ	13/32	3/4 - 16	2.75	1.47	.36	7/8	7/8	---
	121457	DN08-10FJ	BN08-10FJ	13/32	7/8 - 14	2.90	1.75	.36	1	1	---
	121459	DN10-08FJ	BN10-08FJ	1/2	3/4 - 16	2.89	1.59	.45	7/8	7/8	---
	121460	DN10-10FJ	BN10-10FJ	1/2	7/8 - 14	3.04	1.75	.45	1	1	---
	121461	DN10-12FJ	BN10-12FJ	1/2	1 1/16 - 12	3.12	1.82	.45	1 1/4	1 1/4	---
	121463	DN12-10FJ	BN12-10FJ	5/8	7/8 - 14	3.33	1.75	.47	1	1	---
	121464	DN12-12FJ	BN12-12FJ	5/8	1 1/16 - 12	3.39	1.82	.55	1 1/4	1 1/4	---
	121469	DN16-16FJ	BN16-16FJ	7/8	1 5/16 - 12	3.18	1.92	.81	1 1/2	1 1/2	---

D - Discontinued S - Superceded

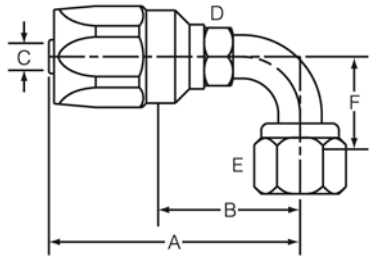
45° Bent Tube Female Swivel 37° Flare (JIC)



Style: FJ45T
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121650	DN04-04FJ45T	BN04-04FJ45T	3/16	7/16 - 20	1.84	1.29	.13	9/16	9/16	.33
	121653	DN05-05FJ45T	BN05-05FJ45T	1/4	1/2 - 20	2.09	1.28	.17	5/8	5/8	.36
	121658	DN06-06FJ45T	BN06-06FJ45T	5/16	9/16 - 18	2.28	1.31	.23	11/16	11/16	.39
	121661	DN08-08FJ45T	BN08-08FJ45T	13/32	3/4 - 16	3	1.84	.36	7/8	7/8	.55
	121665	DN10-10FJ45T	BN10-10FJ45T	1/2	7/8 - 14	3.23	1.94	.45	1	1	.63
	121669	DN12-12FJ45T	BN12-12FJ45T	5/8	1 1/16 - 12	3.78	2.22	.55	1 1/4	1 1/4	.77
	121670	DN16-16FJ45T	BN16-16FJ45T	7/8	1 5/16 - 12	3.69	2.41	.81	1 1/2	1 1/2	.89

90° Bent Tube Female Swivel 37° Flare (JIC)



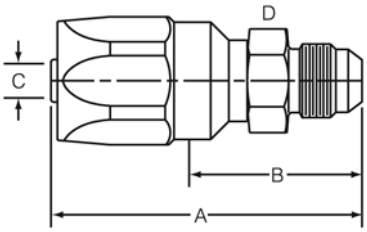
Style: FJ90T
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121680	DN04-04FJ90T	BN04-04FJ90T	3/16	7/16 - 20	1.73	1.09	.13	9/16	9/16	.69
	121688	DN06-06FJ90T	BN06-06FJ90T	5/16	9/16 - 18	2.17	1.22	.23	5/8	11/16	.86
	121691	DN08-08FJ90T	BN08-08FJ90T	13/32	3/4 - 16	2.77	1.59	.36	7/8	7/8	1.09
	121695	DN10-10FJ90T	BN10-10FJ90T	1/2	7/8 - 14	2.94	1.63	.45	1	1	1.23
	121699	DN12-12FJ90T	BN12-12FJ90T	5/8	1 1/16 - 12	3.74	2.17	.55	1 1/4	1 1/4	1.83
	121701	DN16-16FJ90T	BN16-16FJ90T	7/8	1 5/16 - 12	3.67	2.38	.81	1 1/2	1 1/2	2.14

D - Discontinued S - Superceded

REUSABLE COUPLINGS

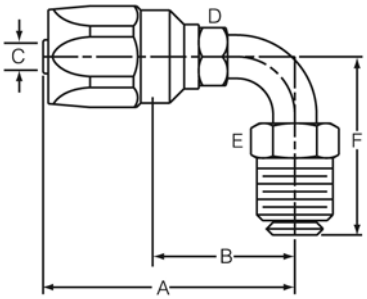
Male 45° Flare



Style: MA
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121480	DN04-04MA	BN04-04MA	3/16	7/16 - 20	1.78	1.03	.13	9/16	---	---
	121484	DN05-05MA	BN05-05MA	1/4	1/2 - 20	1.97	1.17	.17	5/8	---	---
	121488	DN06-06MA	BN06-06MA	5/16	5/8 - 18	2.20	1.13	.23	11/16	---	---
	121491	DN08-08MA	BN08-08MA	13/32	3/4 - 18	2.66	1.50	.36	7/8	---	---
	121495	DN10-10MA	BN10-10MA	1/2	7/8 - 14	2.98	1.68	.45	1	---	---

90° Bent Tube Male Swivel Inverted Flare



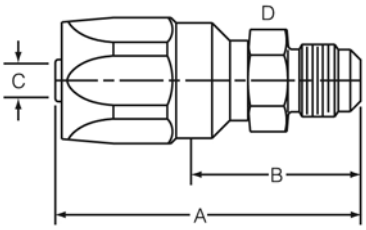
Style: MF90T
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121704	DN04-04MF90T	BN04-04MF90T	3/16	7/16 - 24	2.66	1.91	.13	3/8	7/16	1.47
	121706	DN05-05MF90T	BN05-05MF90T	1/4	1/2 - 20	2.83	2.05	.17	7/16	1/2	1.66
	121708	DN06-06MF90T	BN06-06MF90T	5/16	5/8 - 18	3.11	2.16	.23	1/2	5/8	1.69
	121710	DN08-08MF90T	BN08-08MF90T	13/32	3/4 - 18	2.84	1.69	.36	5/8	3/4	1.88

D - Discontinued S - Superceded

REUSABLE COUPLINGS

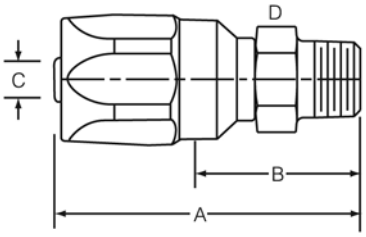
Male 37° Flare (JIC)



Style: MJ
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121515	DN04-04MJ	BN04-04MJ	3/16	7/16 - 20	1.89	1.08	.13	9/16	---	---
	121519	DN05-05MJ	BN05-05MJ	1/4	1/2 - 20	1.95	1.16	.17	5/8	---	---
	121523	DN06-06MJ	BN06-06MJ	5/16	9/16 - 18	2.16	1.20	.23	11/16	---	---
	121526	DN08-08MJ	BN08-08MJ	13/32	3/4 - 16	2.56	1.41	.36	7/8	---	---
	121530	DN10-10MJ	BN10-10MJ	1/2	7/8 - 14	2.86	1.56	.45	1 1/8	---	---
	121534	DN12-12MJ	BN12-12MJ	5/8	1 1/16 - 12	3.33	1.77	.55	1 1/4	---	---

NPTF Male



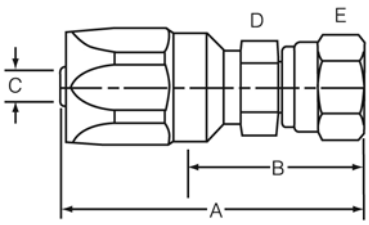
Style: MP
Series: DN
Material: Steel
Recommended Hose: DR5

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	121550	DN04-02MP	BN04-02MP	3/16	1/8 - 27	1.72	.97	.13	7/16	---	---
	121551	DN04-04MP	BN04-04MP	3/16	1/4 - 18	1.91	1.16	.13	9/16	---	---
	121554	DN05-04MP	BN05-04MP	1/4	1/4 - 18	2.03	1.23	.17	9/16	---	---
	121557	DN06-04MP	BN06-04MP	5/16	1/4 - 18	2.14	1.19	.23	9/16	---	---
	121559	DN06-06MP	BN06-06MP	5/16	3/8 - 18	2.19	1.23	.23	3/4	---	---
	121561	DN08-06MP	BN08-06MP	13/32	3/8 - 18	2.47	1.31	.36	3/4	---	---
	121562	DN08-08MP	BN08-08MP	13/32	1/2 - 14	2.72	1.56	.36	7/8	---	---
	121565	DN10-08MP	BN10-08MP	1/2	1/2 - 14	2.86	1.56	.45	7/8	---	---
	121567	DN10-12MP	BN10-12MP	1/2	3/4 - 14	2.92	1.63	.45	1 1/16	---	---
	121570	DN12-12MP	BN12-12MP	5/8	3/4 - 14	3.22	1.66	.55	1 1/16	---	---
	121575	DN16-16MP	BN16-16MP	7/8	1 - 11 1/2	2.97	1.70	.81	1 3/8	---	---

D - Discontinued S - Superceded

REUSABLE COUPLINGS

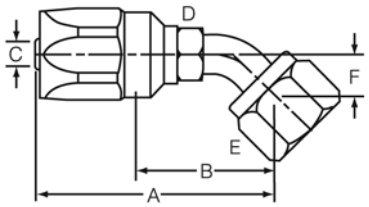
Female Swivel 45° Flare



Style: FA
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124503	GL04-04FA	GL04-04FA	3/16	7/16 - 20	1.82	1.10	.13	7/16	9/16	---
	124508	GL05-05FA	GL05-05FA	1/4	1/2 - 20	1.89	1.09	.17	9/16	5/8	---
	124512	GL06-06FA	GL06-06FA	5/16	5/8 - 18	2.14	1.31	.23	3/4	3/4	---
	124517	GL08-08FA	GL08-08FA	13/32	3/4 - 16	2.32	1.34	.33	3/4	7/8	---
	124522	GL10-10FA	GL10-10FA	1/2	7/8 - 14	2.54	1.47	.42	7/8	1 1/16	---
	124527	GL12-12FA	GL12-12FA	5/8	1 1/16 - 14	2.86	1.71	.55	1 1/4	1 1/4	---

45° Bent Tube Female Swivel 45° Flare

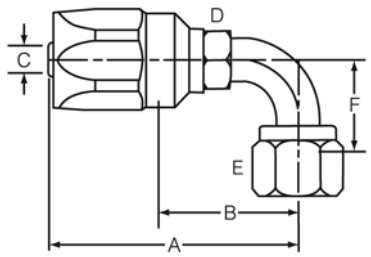


Style: FA45T
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124840	GL04-04FA45T	GL04-04FA45T	3/16	7/16 - 20	2.63	1.91	.13	3/8	9/16	.58
	124845	GL05-05FA45T	GL05-05FA45T	1/4	1/2 - 20	2.75	1.96	.17	7/16	5/8	.67
	124849	GL06-06FA45T	GL06-06FA45T	5/16	5/8 - 18	3.21	2.38	.23	1/2	3/4	.80
	124854	GLO8-08FA45T	GLO8-08FA45T	13/32	3/4 - 16	3.53	2.55	.33	5/8	7/8	1.00
	124859	GL10-10FA45T	GL10-10FA45T	1/2	7/8 - 14	3.62	2.55	.42	3/4	1 1/16	1.08

D - Discontinued S - Superceded

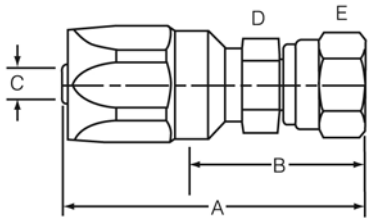
90° Bent Tube Female Swivel 45° Flare



Style: FA90T
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124901	GL04-04FA90T	GL04-04FA90T	3/16	7/16 - 20	2.27	1.55	.13	3/8	9/16	1.19
	124906	GL05-05FA90T	GL05-05FA90T	1/4	1/2 - 20	2.28	1.49	.17	7/16	5/8	1.19
	124910	GL06-06FA90T	GL06-06FA90T	5/16	5/8 - 18	2.79	1.96	.23	1/2	3/4	1.56
	124915	GL08-08FA90T	GL08-08FA90T	13/32	3/4 - 16	3.26	2.29	.33	5/8	7/8	1.88
S	124920	GL10-10FJ90T	Supr'd by 125284	1/2	7/8 - 14	3.86	2.79	.42	3/4	1 1/16	2.38
	124925	GL12-12FA90T	GL12-12FA90T	5/8	1 1/16 - 14	4.12	2.97	.55	7/8	1 1/4	2.56

Female Swivel 37° Flare (JIC)

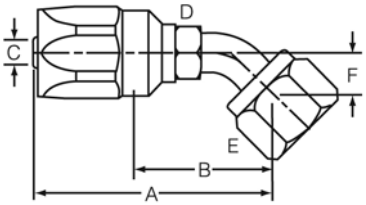


Style: FJ
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124563	GL04-04FJ	GL04-04FJ	3/16	7/16 - 20	1.82	1.08	.12	7/16	9/16	---
	124564	GL04-05FJ	GL04-05FJ	3/16	1/2 - 20	1.87	1.14	.12	1/2	5/8	---
	124568	GL05-05FJ	GL05-05FJ	1/4	1/2 - 20	1.87	1.07	.17	9/16	5/8	---
	124571	GL06-05FJ	GL06-05FJ	5/16	1/2 - 20	2.02	1.17	.23	5/8	5/8	---
	124572	GL06-06FJ	GL06-06FJ	5/16	9/16 - 18	2.11	1.20	.23	9/16	11/16	---
	124577	GL08-08FJ	GL08-08FJ	13/32	3/4 - 16	2.32	1.31	.33	3/4	7/8	---
	124582	GL10-10FJ	GL10-10FJ	1/2	7/8 - 14	2.54	1.65	.42	7/8	1	---
	124587	GL12-12FJ	GL12-12FJ	5/8	1 1/16 - 12	2.86	1.58	.55	1 1/4	1 1/4	---
	124593	GL16-16FJ	GL16-16FJ	7/8	1 5/16 -12	2.80	1.42	.80	1 3/8	1 1/2	---
	124596	GL20-20FJ	GL20-20FJ	1 1/8	1 5/8 - 12	3.11	1.98	1.01	1 3/4	2	---

D - Discontinued S - Superceded

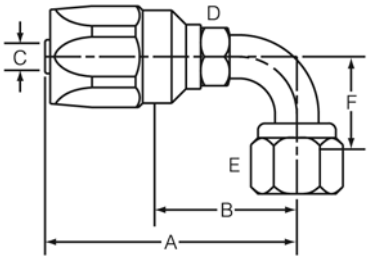
45° Bent Tube Female Swivel 37° Flare (JIC)



Style: FJ45T
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	125220	GL04-04FJ45T	GL04-04FJ45T	3/16	7/16 - 20	2.29	1.57	.13	3/8	9/16	.33
	125225	GL05-05FJ45T	GL05-05FJ45T	1/4	1/2 - 20	2.39	1.59	.17	7/16	5/8	.67
	125228	GL06-04FJ45T	GL06-04FJ45T	5/16	7/16 - 20	2.44	1.61	.15	1/2	9/16	.33
	125230	GL06-06FJ45T	GL06-06FJ45T	5/16	9/16 - 18	2.68	1.85	.23	1/2	11/16	.39
	125234	GL08-08FJ45T	GL08-08FJ45T	13/32	3/4 - 16	3.27	2.28	.33	5/8	7/8	.55
	125239	GL10-10FJ45T	GL10-10FJ45T	1/2	7/8 - 14	3.65	2.58	.42	3/4	1	.63
	125244	GL12-12FJ45T	GL12-12FJ45T	5/8	1 1/16 - 12	3.23	2.08	.55	7/8	1 1/4	.780

90° Bent Tube Female Swivel 37° Flare (JIC)

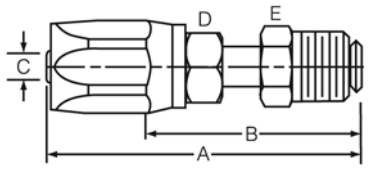


Style: FJ90T
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	125265	GL04-04FJ90T	GL04-04FJ90T	3/16	7/16 - 20	2.34	1.68	.13	3/8	9/16	.680
	125270	GL05-05FJ90T	GL05-05FJ90T	1/4	1/2 - 20	2.39	1.69	.17	1/2	5/8	.770
	125273	GL06-04FJ90T	GL06-04FJ90T	5/16	7/16 - 20	2.51	1.68	.13	1/2	9/16	.680
	125275	GL06-06FJ90T	GL06-06FJ90T	5/16	9/16 - 18	2.66	1.83	.24	1/2	11/16	.850
	125279	GL08-08FJ90T	GL08-08FJ90T	13/32	3/4 - 16	3.33	2.34	.33	5/8	7/8	1.09
	125284	GL10-10FJ90T	GL10-10FJ90T	1/2	7/8 - 14	3.44	2.36	.42	3/4	1	1.23
	125289	GL12-12FJ90T	GL12-12FJ90T	5/8	1 1/16 - 12	3.80	2.64	.55	7/8	1 1/4	2.14
	125295	GL16-16FJ90T	GL16-16FJ90T	7/8	1 5/16 - 12	3.81	2.74	.80	1 1/8	1 1/2	2.14

D - Discontinued S - Superceded

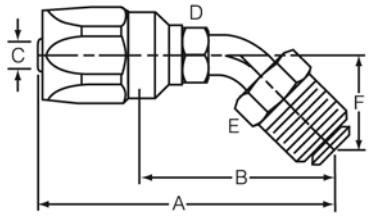
Male Swivel Inverted Flare



Style: MF
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	125063	GL04-04MF	GL04-04MF	3/16	7/16 - 24	3.44	2.72	.13	7/16	7/16	---
	125064	GL04-05MF	GL04-05MF	3/16	1/2 - 20	3.44	2.76	.13	7/16	1/2	---
	125068	GL05-05MF	GL05-05MF	1/4	1/2 - 20	3.46	2.76	.17	7/16	1/2	---
	125071	GL06-05MF	GL06-05MF	5/16	1/2 - 20	2.80	1.98	.24	1/2	1/2	---
	125072	GL06-06MF	GL06-06MF	5/16	5/8 - 18	3.73	2.90	.23	1/2	5/8	---

45° Bent Tube Male Swivel Inverted Flare

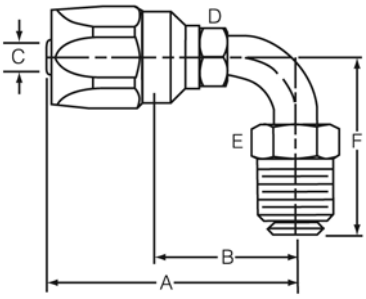


Style: MF45T
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
D	125123	GL06-05MF45T	No Change	5/16	1/2 - 20	2.63	1.83	.17	1/2	5/8	.94
	125124	GL06-06MF45T	GL06-06MF45T	5/16	5/8 - 18	3.22	2.39	.23	3/4	1/2	.80

D - Discontinued S - Superceded

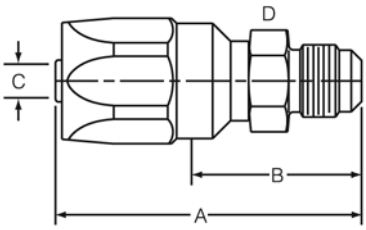
90° Bent Tube Male Swivel Inverted Flare



Style: MF90T
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	125170	GL04-04MF90T	GL04-04MF90T	3/16	7/16 - 24	2.27	1.55	.13	9/16	3/8	1.19
	125175	GL05-05MF90T	GL05-05MF90T	1/4	1/2 - 20	2.29	1.49	.17	5/8	7/16	1.19
	125178	GL06-05MF90T	GL06-05MF90T	5/16	1/2 - 20	2.39	1.56	.17	1/2	5/8	1.65
	125179	GL06-06MF90T	GL06-06MF90T	5/16	5/8 - 18	2.79	1.96	.23	3/4	1/2	1.56
	125184	GL08-08MF90T	GL08-08MF90T	13/32	3/4 - 18	3.25	2.29	.33	7/8	5/8	1.88

Male 37° Flare (JIC)



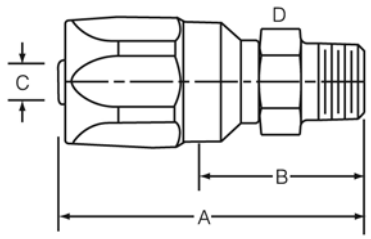
Style: MJ
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124737	GL06-06MJ	GL06-06MJ	5/16	9/16 - 18	1.92	1.09	.23	5/8	---	---
	124738	GL06-08MJ	GL06-08MJ	5/16	3/4 - 16	2.05	1.22	.23	13/16	---	---
	124742	GL08-08MJ	GL08-08MJ	13/32	3/4 - 16	2.20	1.22	.33	13/16	---	---

D - Discontinued S - Superceded

REUSABLE COUPLINGS

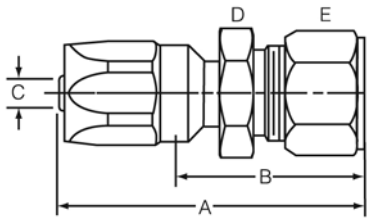
NPTF Male



Style: MP
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124671	GL04-02MP	GL04-02MP	3/16	1/8 - 27	1.54	.92	.13	7/16	---	---
	124672	GL04-04MP	GL04-04MP	3/16	1/4 - 18	1.76	1.11	.13	9/16	---	---
	124676	GL05-04MP	GL05-04MP	1/4	1/4 - 18	1.78	1.19	.17	9/16	---	---
	124679	GL06-04MP	GL06-04MP	5/16	1/4 - 18	1.91	1.23	.23	9/16	---	---
	124681	GL06-06MP	GL06-06MP	5/16	3/8 - 18	1.94	1.27	.23	11/16	---	---
	124685	GL08-06MP	GL08-06MP	13/32	3/8 - 18	2.09	1.33	.33	11/16	---	---
	124686	GL08-08MP	GL08-08MP	13/32	1/2 - 14	2.34	1.56	.33	7/8	---	---
	124690	GL10-08MP	GL10-08MP	1/2	1/2 - 14	2.43	1.54	.42	7/8	---	---
	124695	GL12-12MP	GL12-12MP	5/8	3/4 - 14	2.58	1.67	.55	1 1/16	---	---
	124699	GL16-12MP	GL16-12MP	7/8	3/4 - 14	2.47	1.53	.80	1 1/16	---	---
	124705	GL16-16MP	GL16-16MP	7/8	1 - 11 1/2	2.66	1.72	.80	1 3/8	---	---

Male Flareless with Nut & Sleeve



Style: MV
Series: GL
Material: Steel
Recommended Hose: DGL

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	124628	GL06-06MV	GL06-06MV	5/16	9/16 - 18	1.84	1.02	.23	5/8	11/16	---
	124633	GL08-08MV	GL08-08MV	13/32	3/4 - 16	2.10	1.12	.33	13/16	7/8	---

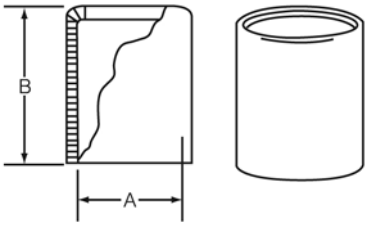
D - Discontinued S - Superceded

BARBED INSERTS

Series	Style	Description	Page No.
BI	KFB	Ferrules for KF Couplings	127
BI	PS	PTF Male	128
BI	RM	Hose Splicer (Use with new hose only)	128
PO	FA	Female Swivel 45° Flare	129
PO	FJ	Female Swivel 37° Flare (JIC)	129
PO	MA	Male 45° Flare	130
PO	MF	Male Swivel Inverted Flare	130
PO	MP	NPTF Male	131
PO	NG	Rigid Female Inverted Flare	131
PO	NL	Female Swivel 37° (JIC) & 45° Universal Flare	132
PO	RM	Hose Splicer (Use with new hose only)	132

BARBED INSERTS

Ferrules for KF Couplings



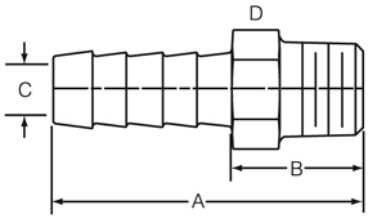
Style: KFB
Series: BI
Material: Brass
Recommended Hose: DFL, DB7

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A Inside Dia.	B Length
	124360	BIB-575	KFB-575	---	---	.575	31/64
	124374	BIB-525	KFB-525	---	---	.525	1/2
	124390	BIB-562M	KFB-562M	---	---	.562	1
D	124391	BIB-593M	KFB-593M	---	---	.593	1
	124392	BIB-625M	KFB-625M	---	---	.625	1
	124393	BIB-656M	KFB-656M	---	---	.656	1
	124394	BIB-687M	KFB-687M	---	---	.687	1
	124395	BIB-718M	KFB-718M	---	---	.718	1
	124396	BIB-750M	KFB-750M	---	---	.750	1
	124398	BIB-812M	KFB-812M	---	---	.812	1
	124399	BIB-527M	KFB-527M	---	---	.527	1
D	124401	BIB-478M	KFB-478M	---	---	.478	11/16
D	124402	BIB-781M	KFB-781M	---	---	.781	1

D - Discontinued O - Obsolete

BARBED INSERTS

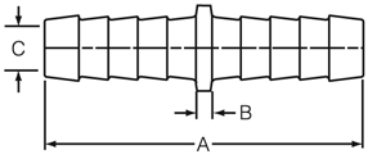
PTF Male



Style: PS
Series: BI
Material: Brass
Recommended Hose: DFL, DB7

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	106833	BI03-02PS	KF03-02PS	3/16	1/8 - 27	1.19	.50	.16	7/16	---	---
	106835	BI04-02PS	KF04-02PS	1/4	1/8 - 27	1.47	.50	.19	7/16	---	---
	106837	BI05-02PS	KF05-02PS	5/16	1/8 - 27	1.47	.50	.25	7/16	---	---
	106839	BI06-04PS	KF06-04PS	3/8	1/4 - 18	1.72	.75	.31	11/16	---	---
	106840	BI05-04PS	KF05-04PS	5/16	1/4 - 18	1.53	.75	.25	9/16	---	---
	106841	BI06-06PS	KF06-06PS	3/8	3/8 - 18	1.72	.75	.31	11/16	---	---
	106842	BI06-08PS	KF06-08PS	3/8	1/2 - 14	1.88	.91	.31	7/8	---	---
	106843	BI08-06PS	KF08-06PS	1/2	3/8 - 18	1.72	.75	.41	11/16	---	---
	106844	BI08-08PS	KF08-08PS	1/2	1/2 - 14	1.88	.91	.41	7/8	---	---
	106845	BI06-02PS	KF06-02PS	3/8	1/8 - 27	1.53	.56	.25	9/16	---	---
	106847	BI08-04PS	KF08-04PS	1/2	1/4 - 18	1.72	.75	.41	9/16	---	---
	106848	BI10-06PS	KF10-06PS	5/8	3/8 - 18	1.72	.75	.44	3/4	---	---
	106849	BI10-08PS	KF10-08PS	5/8	1/2 - 14	1.87	.91	.53	7/8	---	---
	106851	BI10-12PS	KF10-12PS	5/8	3/4 - 14	1.87	.91	.53	1 1/16	---	---
	106854	BI12-12PS	KF12-12PS	3/4	3/4 - 14	1.87	.91	.66	1 1/16	---	---

Hose Splicer (Use with new hose only)



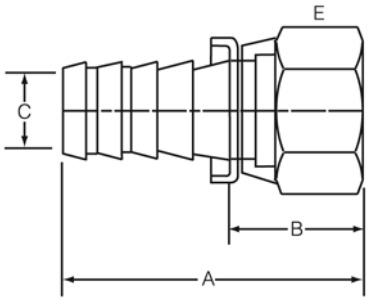
Style: RM
Series: BI
Material: Brass
Recommended Hose: DFL, DB7

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	106960	BI04-04RM	KF04-04RM	1/4	---	2.00	.06	.19	---	---	---
	106964	BI06-06RM	KF06-06RM	3/8	---	2.00	.06	.28	---	---	---

D - Discontinued O - Obsolete

BARBED INSERTS

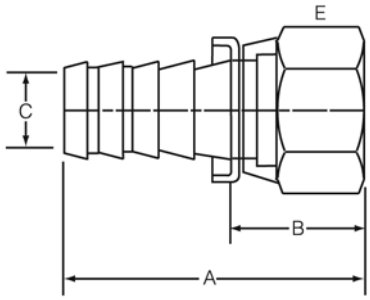
Female Swivel 45° Flare



Style: FA
Series: PO
Material: Brass Body, Steel Nut
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123350	PO06-06FA	KA06-06FA	3/8	5/8 - 18	1.16	.73	.30	---	3/4	---
	123361	PO12-12FA	KA12-12FA	3/4	1 1/16 - 14	2.61	1.16	.66	---	1	---

Female Swivel 37° Flare (JIC)



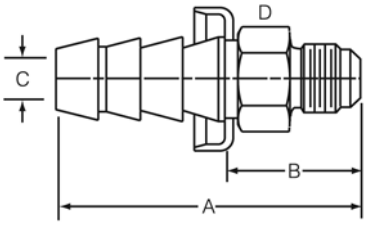
Style: FJ
Series: PO
Material: Brass Body, Steel Nut
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123375	PO06-06FJ	KA06-06FJ	3/8	9/16 - 18	1.55	.70	.30	---	3/4	---
	123386	PO12-12FJ	KA12-12FJ	3/4	1 1/16 - 12	2.55	1.09	.66	---	1 1/4	---

D - Discontinued O - Obsolete

BARBED INSERTS

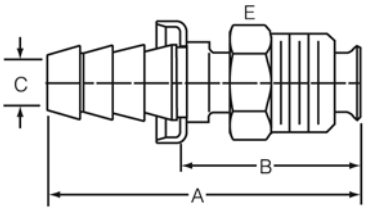
Male 45° Flare



Style: MA
Series: PO
Material: Brass
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123415	PO04-04MA	KA04-04MA	1/4	7/16 - 20	1.56	.75	.188	7/16	---	---
	123420	PO06-06MA	KA06-06MA	3/8	5/8 - 18	1.75	.94	.281	5/8	---	---

Male Swivel Inverted Flare



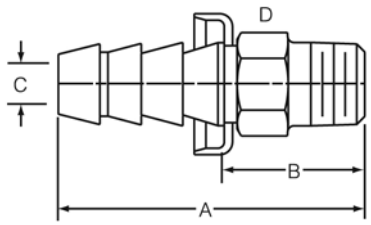
Style: MF
Series: PO
Material: Brass Body, Steel Nut
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123465	PO04-03MF	KA04-03MF	1/4	3/8 - 24	1.69	.87	.12	---	3/8	---
	123466	PO04-04MF	KA04-04MF	1/4	7/16 - 24	1.72	.91	.19	---	7/16	---
	123467	PO04-05MF	KA04-05MF	1/4	1/2 - 20	1.78	.97	.19	---	1/2	---
	123471	PO06-06MF	KA06-06MF	3/8	5/8 - 18	2.00	1.19	.30	---	5/8	---
	123474	PO08-08MF	KA08-08MF	1/2	3/4 - 18	2.23	1.28	.42	---	3/4	---

D - Discontinued O - Obsolete

BARBED INSERTS

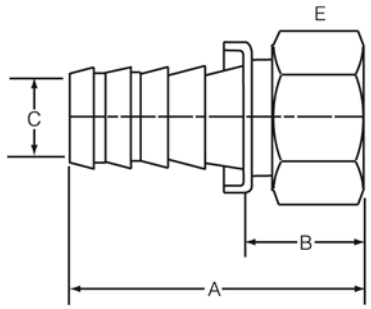
NPTF Male



Style: MP
Series: PO
Material: Brass
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123440	PO04-02MP	KA04-02MP	1/4	1/8 - 27	1.47	.66	.19	7/16	---	---
	123442	PO04-04MP	KA04-04MP	1/4	1/4 - 18	1.67	.84	.19	9/16	---	---
	123445	PO06-04MP	KA06-04MP	3/8	1/4 - 18	1.69	.87	.30	9/16	---	---
	123446	PO06-06MP	KA06-06MP	3/8	3/8 - 18	1.73	.91	.30	11/16	---	---
	123448	PO08-06MP	KA08-06MP	1/2	3/8 - 18	1.86	.91	.42	11/16	---	---
	123450	PO08-08MP	KA08-08MP	1/2	1/2 - 14	2.09	1.14	.42	7/8	---	---
	123453	PO10-08MP	KA10-08MP	5/8	1/2 - 14	2.59	1.14	.55	7/8	---	---
	123458	PO12-12MP	KA12-12MP	3/4	3/4 - 14	2.72	1.27	.66	1 1/16	---	---

Rigid Female Inverted Flare



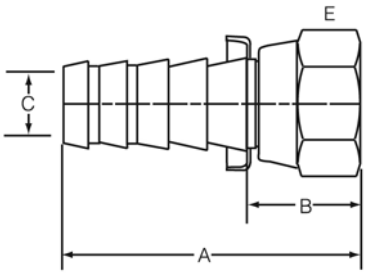
Style: NG
Series: PO
Material: Brass
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123397	PO04-05NG	KA04-05NG	1/4	1/2 - 20	---	---	.19	---	---	---
	123401	PO06-06NG	KA06-06NG	3/8	5/8 - 18	---	---	.30	---	---	---

D - Discontinued O - Obsolete

BARBED INSERTS

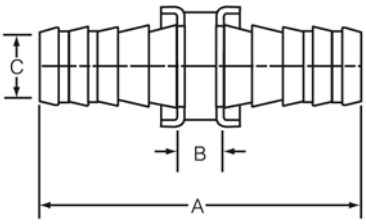
Female Swivel 37° (JIC) & 45° Universal Flare



Style: NL
Series: PO
Material: Brass Body, Steel Nut
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123370	PO04-04NL	KA04-04NL	1/4	7/16 - 20	1.50	.69	.19	---	9/16	---
	123371	PO04-05NL	KA04-05NL	1/4	1/2 - 20	1.56	.75	.19	---	5/8	---
	123378	PO08-08NL	KA08-08NL	1/2	3/4 - 16	1.77	.81	.44	---	7/8	---
	123382	PO10-10NL	KA10-10NL	5/8	7/8 - 14	2.33	.87	.53	---	1	---

Hose Splicer (Use with new hose only)



Style: RM
Series: PO
Material: Brass
Recommended Hose: DB7, DTC

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	123490	PO04-04RM	KA04-04RM	1/4	---	1.87	.25	.20	---	---	---
	123492	PO05-05RM	KA05-05RM	5/16	---	1.87	.25	.25	---	---	---
	123495	PO06-06RM	KA06-06RM	3/8	---	1.91	.28	.30	---	---	---
	123498	PO08-08RM	KA08-08RM	1/2	---	2.22	.28	.42	---	---	---
	123506	PO12-12RM	KA12-12RM	3/4	---	3.37	.47	.66	---	---	---

D - Discontinued O - Obsolete

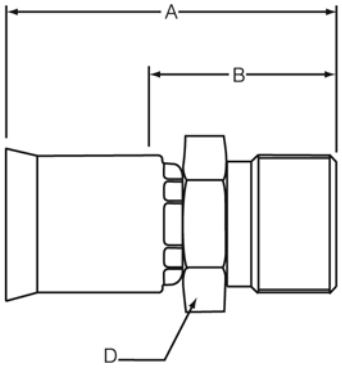
Notes

TEFLON COUPLINGS

Series	Style	Description	Page No.
91N	BA	Male Air Brake SAE J246	135
91N	FA	Female Swivel 45° Flare	135
91N	FA45T	45° Bent Tube Female Swivel 45° Flare	136
91N	FA90T	90° Bent Tube Female Swivel 45° Flare	136
91N	FJ	Female Swivel 37° Flare (JIC)	137
91N	FJ45T	45° Bent Tube Female Swivel 37° Flare (JIC)	137
91N	FJ90T	90° Bent Tube Female Swivel 37° Flare (JIC)	138
91N	MF	Male Swivel Inverted Flare	138
91N	MF45T	45° Bent Tube Male Swivel Inverted Flare	139
91N	MF90T	90° Bent Tube Male Swivel Inverted Flare	139
91N	MP	NPTF Male	140
91N	NA	Airbrake Standpipe with Female Nut and Sleeve SAE J246	140

TEFLON COUPLINGS

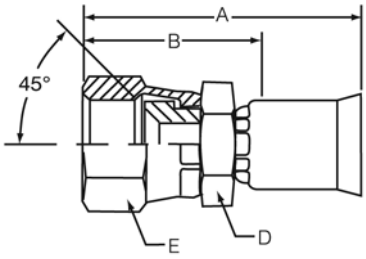
Male Air Brake SAE J246



Style: BA
Series: 91N
Material: Brass & Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111130	91N10-10BA	91N10-10BA	1/2	13/16 - 18	1.61	1.13	---	15/16	---	---

Female Swivel 45° Flare

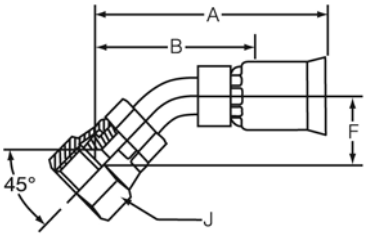


Style: FA
Series: 91N
Material: Brass & Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111156	91N06-06FA	91N06-06FA	5/16	5/8 - 18	1.69	1.06	---	5/8	3/4	---
	111162	91N12-12FA	91N12-12FA	5/8	1 1/16 - 14	2.12	1.31	---	1	1 1/4	---

TEFLON COUPLINGS

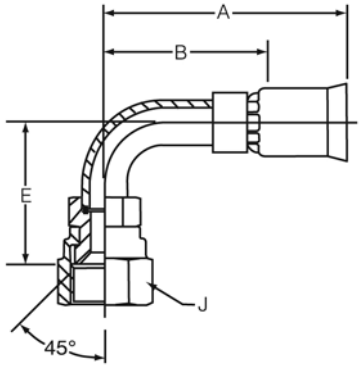
45° Bent Tube Female Swivel 45° Flare



Style: FA45T
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111446	91N06-06FA45T	91N06-06FA45T	5/16	5/8 - 18	2.06	1.31	---	---	---	0.39
	111452	91N12-12FA45T	91N12-12FA45T	5/8	1 1/16 - 14	3.07	2.44	---	---	---	0.78

90° Bent Tube Female Swivel 45° Flare

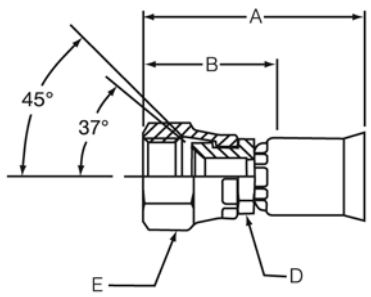


Style: FA90T
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111466	91N06-06FA90T	91N06-06FA90T	5/16	5/8 - 18	2.06	1.94	---	---	---	1.19
	111472	91N12-12FA90T	91N12-12FA90T	5/8	1 1/16 - 14	2.92	2.13	---	---	---	1.82

TEFLON COUPLINGS

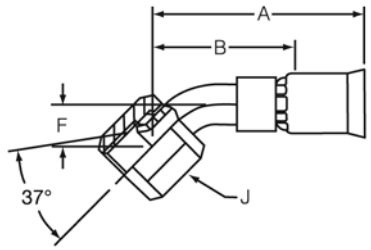
Female Swivel 37° Flare (JIC)



Style: FJ
Series: 91N
Material: Brass & Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111134	91N04-04FJ	91N04-04FJ	3/16	7/16 - 20	1.43	.88	---	3/8	9/16	---
	111135	91N05-05FJ	91N05-05FJ	1/4	1/2 - 20	1.56	.94	---	7/16	5/8	---
	111136	91N06-06FJ	91N06-06FJ	5/16	9/16 - 18	1.63	1.00	---	1/2	11/16	---
	111138	91N08-08FJ	91N08-08FJ	13/32	3/4 - 16	1.89	1.19	---	11/16	7/8	---
	111140	91N10-10FJ	91N10-10FJ	1/2	7/8 - 14	2.03	1.31	---	13/16	1	---
	111142	91N12-12FJ	91N12-12FJ	5/8	1 1/16 - 12	2.12	1.31	---	1	1 1/4	---
	111146	91N16-16FJ	91N16-16FJ	7/8	1 5/16 - 12	2.45	1.56	---	1 1/4	1 1/2	---

45° Bent Tube Female Swivel 37° Flare (JIC)

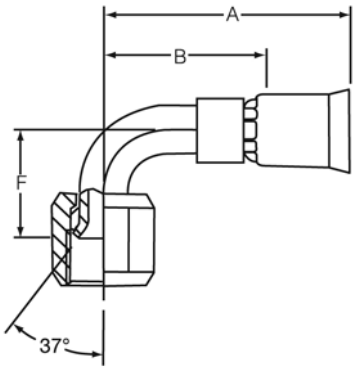


Style: FJ45T
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111404	91N04-04FJ45T	91N04-04FJ45T	3/16	7/16 - 20	1.74	1.19	---	---	---	0.33
	111405	91N05-05FJ45T	91N05-05FJ45T	1/4	1/2 - 20	1.87	1.25	---	---	---	0.36
	111406	91N06-06FJ45T	91N06-06FJ45T	5/16	9/16 - 18	1.94	1.31	---	---	---	0.39
	111408	91N08-08FJ45T	91N08-08FJ45T	13/32	3/4 - 16	2.28	1.56	---	---	---	0.55
	111410	91N10-10FJ45T	91N10-10FJ45T	1/2	7/8 - 14	2.42	1.69	---	---	---	0.64
	111412	91N12-12FJ45T	91N12-12FJ45T	5/8	1 1/16 - 12	2.83	2.06	---	---	---	0.78

TEFLON COUPLINGS

90° Bent Tube Female Swivel 37° Flare (JIC)

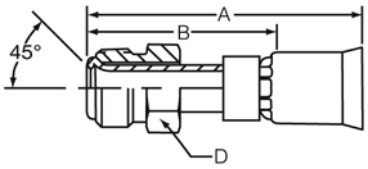


Style: FJ90T
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111424	91N04-04FJ90T	91N04-04FJ90T	3/16	7/16 - 20	1.62	1.06	---	---	---	0.68
	111425	91N05-05FJ90T	91N05-05FJ90T	1/4	1/2 - 20	1.71	1.13	---	---	---	0.77
	111426	91N06-06FJ90T	91N06-06FJ90T	5/16	9/16 - 18	1.91	1.25	---	---	---	0.85
	111428	91N08-08FJ90T	91N08-08FJ90T	13/32	3/4 - 16	2.03	1.31	---	---	---	1.09
	111430	91N10-10FJ90T	91N10-10FJ90T	1/2	7/8 - 14	2.27	1.56	---	---	---	1.23
	111432	91N12-12FJ90T	91N12-12FJ90T	5/8	1 1/16 - 12	2.75	1.94	---	---	---	1.82

Male Swivel Inverted Flare

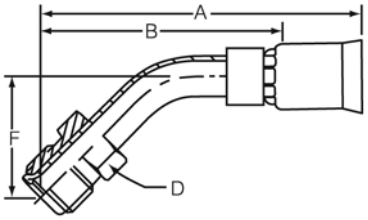
Style: MF
Series: 91N
Material: Steel
Recommended Hose: DR14



	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111194	91N04-04MF	91N04-04MF	3/16	7/16 - 24	2.09	1.50	---	7/16	---	---
	111195	91N05-05MF	91N05-05MF	1/4	1/2 - 20	2.15	1.56	---	1/2	---	---
	111196	91N06-06MF	91N06-06MF	5/16	5/8 - 18	2.23	1.56	---	5/8	---	---
	111198	91N08-08MF	91N08-08MF	13/32	3/4 - 18	2.31	1.63	---	3/4	---	---
	111200	91N10-10MF	91N10-10MF	1/2	7/8 - 18	2.43	1.75	---	7/8	---	---

TEFLON COUPLINGS

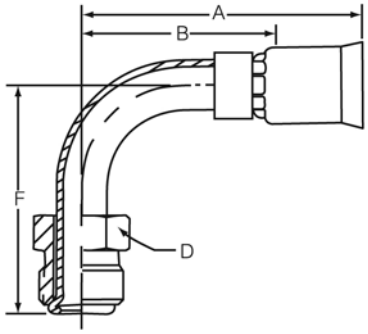
45° Bent Tube Male Swivel Inverted Flare



Style: MF45T
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111234	91N04-04MF45T	91N04-04MF45T	3/16	7/16 - 24	2.05	1.50	---	7/16	---	0.63
	111235	91N05-05MF45T	91N05-05MF45T	1/4	1/2 - 20	2.48	1.88	---	1/2	---	0.71
	111236	91N06-06MF45T	91N06-06MF45T	5/16	5/8 - 18	2.60	1.94	---	5/8	---	0.96
	111238	91N08-08MF45T	91N08-08MF45T	13/32	3/4 - 18	2.85	2.13	---	3/4	---	0.90
	111240	91N10-10MF45T	91N10-10MF45T	1/2	7/8 - 18	3.30	2.63	---	7/8	---	1.02
	111242	91N12-12MF45T	91N12-12MF45T	5/8	1 1/16 - 16	3.64	2.81	---	1 1/16	---	1.15

90° Bent Tube Male Swivel Inverted Flare

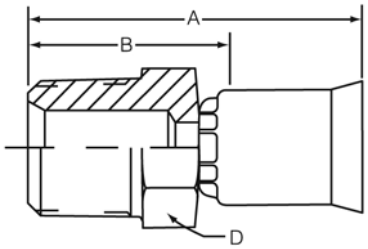


Style: MF90T
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111254	91N04-04MF90T	91N04-04MF90T	3/16	7/16 - 24	1.72	1.19	---	7/16	---	1.19
	111255	91N05-05MF90T	91N05-05MF90T	1/4	1/2 - 20	1.98	1.38	---	1/2	---	1.65
	111256	91N06-06MF90T	91N06-06MF90T	5/16	5/8 - 18	2.08	1.44	---	5/8	---	1.70
	111258	91N08-08MF90T	91N08-08MF90T	13/32	3/4 - 18	2.18	1.50	---	3/4	---	1.87
	111260	91N10-10MF90T	91N10-10MF90T	1/2	7/8 - 18	3.02	2.31	---	7/8	---	2.18
	111262	91N12-12MF90T	91N12-12MF90T	5/8	1 1/16 - 16	3.36	2.56	---	1 1/16	---	2.51

TEFLON COUPLINGS

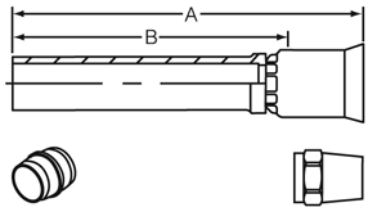
NPTF Male



Style: MP
Series: 91N
Material: Brass & Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111273	91N04-02MP	91N04-02MP	3/16	1/8 - 27	1.27	.75	---	7/16	---	---
	111274	91N04-04MP	91N04-04MP	3/16	1/4 - 18	1.50	.94	---	9/16	---	---
	111275A	91N06-04MP	91N06-04MP	5/16	1/4 - 18	1.60	.94	---	9/16	---	---
	111276	91N06-06MP	91N06-06MP	5/16	3/8 - 18	1.65	1.00	---	11/16	---	---
	111277	91N08-06MP	91N08-06MP	13/32	3/8 - 18	1.71	1.00	---	11/16	---	---
	111278	91N08-08MP	91N08-08MP	13/32	1/2 - 14	1.94	1.25	---	7/8	---	---
	111279	91N10-08MP	91N10-08MP	1/2	1/2 - 14	1.96	1.25	---	7/8	---	---
	111282	91N12-12MP	91N12-12MP	5/8	3/4 - 14	2.19	1.38	---	1 1/8	---	---
	111286	91N16-16MP	91N16-16MP	7/8	1 - 11 1/2	2.46	1.50	---	1 3/8	---	---

Airbrake Standpipe with Female Nut and Sleeve SAE J246



Style: NA
Series: 91N
Material: Steel
Recommended Hose: DR14

	Part No.	Factory No.	Old Factory No.	Hose ID	Thread	A OAL	B Cut Off	C Orifice	D Hex	E Hex	F Drop
	111178	91N08-08NA	91N08-08NA	13/32	---	2.80	2.13	---	---	---	---
	111180	91N10-10NA	91N10-10NA	1/2	---	2.96	2.25	---	---	---	---
	111182	91N12-12NA	91N12-12NA	5/8	---	3.37	2.56	---	---	---	---

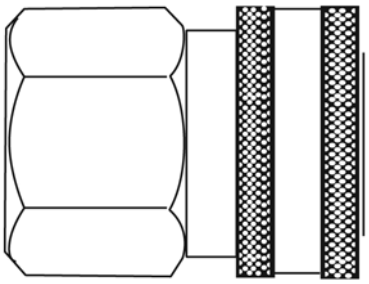
Notes

QUICK DISCONNECT COUPLINGS

Series	Style	Description	Page No.
QD	BST	Industrial Quick Couplings	143
QD	QD1	Industrial Coupler Full Flow Poppet Type (Not for NH3)	143
QD	QD3	Industrial High Pressure Coupler (Screw Together Type)	144
QD	QD4	Agricultural Two Way Sleeve Coupler	144
QD	QD7	Full Pressure Coupler	145
QD	QDFF	Industrial Quick Couplings	145
QD	QDM11	John Deere Style Male Tip	146
QD	QDM12	International Harvester Style Male Tip	146
QD	QDM71	Ford, Deere (New Style), Long Massey Ferguson Male Tip	147
QD	QDS	Industrial Quick Couplings	147

QUICK DISCONNECT COUPLINGS

Industrial Quick Couplings

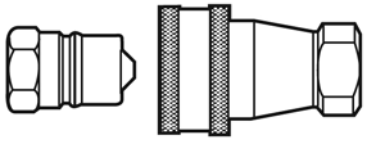


Style: BST
Series: QD
Material: Brass

	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	124014	BST-2	BST-2	Body Half	1/4 NPTF	1.54	5200 PSI
	124015	BST-N2	BST-N2	Male Tip	1/4 NPTF	1.46	5200 PSI
	124016	BST-3	BST-3	Body Half	3/8 NPTF	1.59	2700 PSI
	124017	BST-N3	BST-N3	Male Tip	3/8 NPTF	1.62	2700 PSI
	124018	BST-4	BST-4	Body Half	1/2 NPTF	1.98	2200 PSI
	124019	BST-N4	BST-N4	Male Tip	1/2 NPTF	1.85	2200 PSI

Industrial Coupler Full Flow Poppet Type (Not for NH3)

Style: QD1
Series: QD
Material: Zinc Plated Steel

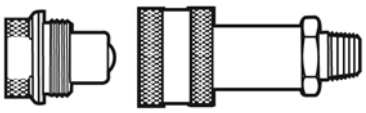


	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	123950	QD1-4	QD1-4	Complete Coupler	1/4 NPTF	2.80	5,000
	123951	QD1-6	QD1-6	Complete Coupler	3/8 NPTF	3.17	4,000
	123952	QD1-8	QD1-8	Complete Coupler	1/2 NPTF	3.63	4,000
	123953	QD1-12	QD1-12	Complete Coupler	3/4 NPTF	4.37	2,500
	123954	QD1-16	QD1-16	Complete Coupler	1 NPTF	5.06	2,500
	123965	QD11-4	QD11-4	Male Tip	1/4 NPTF	---	---
	123966	QD11-8	QD11-8	Male Tip	1/2 NPTF	---	---
	123967	QD11-12	QD11-12	Male Tip	3/4 NPTF	---	---
	123968	QD11-16	QD11-16	Male Tip	1 NPTF	---	---
	123969	QD15-4	QD15-4	Body Half	1/4 NPTF	---	---
	123970	QD15-6	QD15-6	Body Half	3/8 NPTF	---	---
	123971	QD15-8	QD15-8	Body Half	1/2 NPTF	---	---
	123972	QD15-12	QD15-12	Body Half	3/4 NPTF	---	---
	123973	QD15-16	QD15-16	Body Half	1 NPTF	---	---
	124008	QD11-6	QD11-6	Male Tip	3/8 NPTF	---	---

O - Obsolete

Industrial High Pressure Coupler (Screw Together Type)

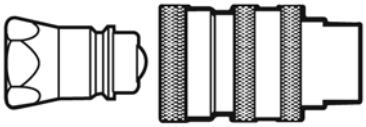
Style: QD3
Series: QD
Material: Zinc Plated Steel



	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	123958	QD3-6	QD3-6	Complete Coupler	3/8 NPTF	3.31	10,000

Agricultural Two Way Sleeve Coupler

Style: QD4
Series: QD
Material: Zinc Plated Steel



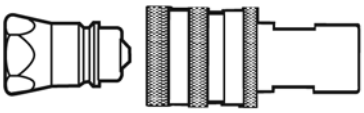
	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	123959	QD4-4	QD4-4	Complete Coupler	1/4 NPTF	2.50	4,000
	123960	QD4-6	QD4-6	Complete Coupler	3/8 NPTF	3.30	3,000
	123961	QD4-8	QD4-8	Complete Coupler	1/2 NPTF	3.64	3,000
	123962	QD4-12	QD4-12	Complete Coupler	3/4 NPTF	3.83	2,500
	123985	QD41-4	QD41-4	Male Tip	1/4 NPTF	---	---
	123986	QD41-6	QD41-6	Male Tip	3/8 NPTF	---	---
	123987	QD41-8	QD41-8	Male Tip	1/2 NPTF	---	---
	123988	QD41-12	QD41-12	Male Tip	3/4 NPTF	---	---
	123991	QD44-8	QD44-8	Dust Plug	---	---	---
	123992	QD45-4	QD45-4	Body Half	1/4 NPTF	---	---
	123993	QD45-6	QD45-6	Body Half	3/8 NPTF	---	---
	123994	QD45-8	QD45-8	Body Half	1/2 NPTF	---	---
	123995	QD45-12	QD45-12	Body Half	3/4 NPTF	---	---
	123997	QD49-8	QD49-8	Dust Cap	---	---	---

O - Obsolete

QUICK DISCONNECT COUPLINGS

Full Pressure Coupler

Style: QD7
Series: QD
Material: Zinc Plated Steel



	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	123963	QD7-8	QD7-8	Complete Coupler	1/2 NPSF	3.41	3,625

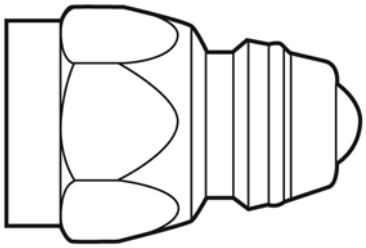
Industrial Quick Couplings

Style: QDFF
Series: QD
Material: Zinc Plated Steel

	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	124009	QDFF491-4	QDFF491-4	Male Tip	1/2 NPTF	2.50	6000
	124010	QDFF495-4	QDFF495-4	Body Half	1/2 NPTF	2.67	6000

O - Obsolete

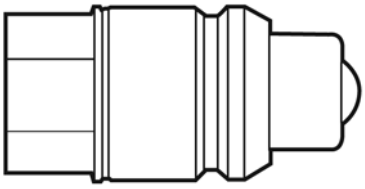
John Deere Style Male Tip



Style: QDM11
Series: QD
Material: Zinc Plated Steel

	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	124001	QDM11-8	QDM11-8	Male Tip	1/2 NPTF	---	---
	124002	QDM11-12	QDM11-12	Male Tip	3/4 - 16 ORB	---	---

International Harvester Style Male Tip



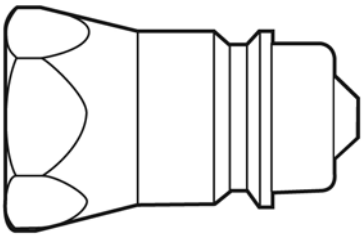
Style: QDM12
Series: QD
Material: Zinc Plated Steel

	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	124003	QDM12-8	QDM12-8	Male Tip	1/2 NPTF	---	---
	124003A	QDM12-14	QDM12-14	Male Tip	7/8 - 14 ORB	---	---

O - Obsolete

QUICK DISCONNECT COUPLINGS

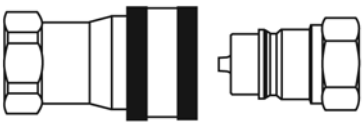
Ford, Deere (New Style), Long Massey Ferguson Male Tip



Style: QDM71
Series: QD
Material: Zinc Plated Steel

	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	124004	QDM71-8P	QDM71-8P	Male Tip	1/2 NPSF	---	---
	124006	QDM71-15	QDM71-15	Male Tip	3/4 - 16 ORB	---	---

Industrial Quick Couplings



Style: QDS
Series: QD
Material: Zinc Plated Steel

	Part No.	Factory No.	Old Factory No.	Part Type	Thread	Overall Length	Max Rec WP
	124011	QDS561-4	QDS561-4	Male Tip	1/2 NPTF	1.88	4000
	124012	QDS565-4	QDS565-4	Body Half	1/2 NPTF	2.56	4000

O - Obsolete

MISCELLANEOUS SUPPORT PRODUCTS

Series	Style	Description	Page No.
PS	PS	Nylon Protective Sleeving	149
BLSB	BLSB O-Ring	O-RING (For use with BL & SB couplings)	149
C61-C62	Flange O-Ring	O-RING for Flange Head Ends Code 61 and Code 62	150
C61-FLK	C61-FLK	Code 61 Flange Clamp Halves (Order 2 for a complete set)	150
C62-FLK	C62-FLK	Code 62 Flange Clamp Halves (Order 2 for a complete set)	151
DR	D-Ring	O-Ring, D-Style for 78 Series Flange Heads on Caterpillar®	151
GA	AG	Spring Guard, Flat Armor Type	152
GO	SG	Spring Guard, Open Wound Continuous Wire	152
OFS	Face Seal O-Rings	O-RINGS for O-ring Face Seal Male Ends	153
OR	Straight Thread Boss O-Rings	O-RINGS for SAE Straight Thread	153

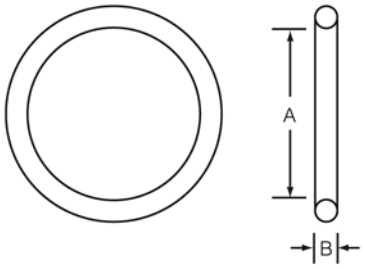
MISCELLANEOUS SUPPORT PRODUCTS

Nylon Protective Sleeving

Style: PS
Series:
Material: Nylon

	Part No.	Factory No.	Old Factory No.	ID (In.)	Nom Wall Thick.	Length
S	202001	PS-B-13	Supr'd by 202010	0.86	0.090" (double)	10'
S	202002	PS-B-15	Supr'd by 202011	1.06	0.090" (double)	10'
S	202003	PS-B-17	Supr'd by 202012	1.22	0.090" (double)	10'
S	202004	PS-B-22	Supr'd by 202013	1.42	0.090" (double)	10'
S	202005	PS-B-33	Supr'd by 202014	1.81	0.090" (double)	10'
S	202006	PS-B-35	Supr'd by 202015	2.19	0.090" (double)	10'
S	202007	PS-B-37	Supr'd by 202016	2.38	0.090" (double)	10'
S	202008	PS-B-39	Supr'd by 202017	2.63	0.090" (double)	10'
S	202009	PS-B-45	Supr'd by 202018	2.88	0.090" (double)	10'
N	202010	NGB-0106	NGB-0106	.756	0.090" (double)	100'
N	202011	NGB-0121	NGB-0121	1.054	0.090" (double)	100'
N	202012	NGB-0128	NGB-0128	1.194	0.090" (double)	100'
N	202013	NGB-0201	NGB-0201	1.293	0.090" (double)	100'
N	202014	NGB-0218	NGB-0218	1.632	0.090" (double)	100'
N	202015	NGB-0226	NGB-0226	1.791	0.090" (double)	100'
N	202016	NGB-0310	NGB-0310	2.109	0.090" (double)	100'
N	202017	NGB-0402	NGB-0402	2.587	0.090" (double)	100'
N	202018	NGB-0418	NGB-0418	2.906	0.090" (double)	100'

O-RING (For use with BL & SB couplings)

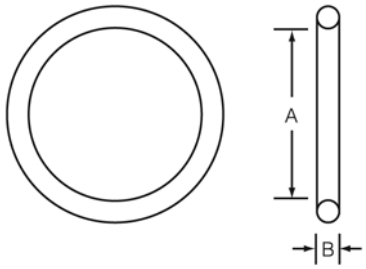


Style: BLSB O-Ring
Series: BLSB
Material: EPDM

	Part No.	Factory No.	Old Factory No.	SAE J120 Size No.	A	B	Dash Size
	105761	BLSB-06		011	.30	0.070	06
	105762	BLSB-08		013	.43	0.070	08
	105763	BLSB-10		015	.55	0.070	10
	105764	BLSB-12		017	.68	0.070	12

H - Hold N - New O - Obsolete S - Superceded

O-RING for Flange Head Ends Code 61 and Code 62

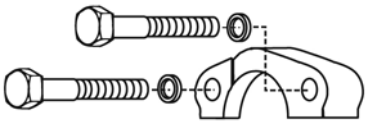


Style: Flange O-Ring
Series: C61 - C62
Material: Nitrile

	Part No.	Factory No.	Old Factory No.	SAE J120 Size No.	A	B	Dash Size
	124304	10C61K-62	10PAK-77	212	0.859	0.139	10
	124305	08C61-62	08PA-77	210	0.734	0.139	08
	124306	12C61-62	12PA-77	214	0.984	0.139	12
	124307	16C61-62	16PA-77	219	1.296	0.139	16
	124308	20C61-62	20PA-77	222	1.484	0.139	20
	124309	24C61-62	24PA-77	225	1.859	0.139	24
	124310	32C61-62	32PA-77	228	2.234	0.139	32

Code 61 Flange Clamp Halves (Order 2 for a complete set)

Style: C61-FLK
Series: C61-FLK
Material: Steel

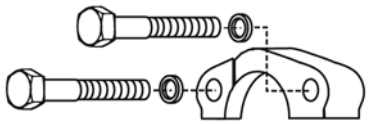


	Part No.	Factory No.	Old Factory No.	ID (In.)	Nom Wall Thick.	Length
	124220	08C61-FLK	08PA-75			
	124221	12C61-FLK	12PA-75			
	124222	16C61-FLK	16PA-75			
	124223	20C61-FLK	20PA-75			
	124224	24C61-FLK	24PA-75			
	124225	32C61-FLK	32PA-75			

H - Hold N - New O - Obsolete S - Superceded

Code 62 Flange Clamp Halves (Order 2 for a complete set)

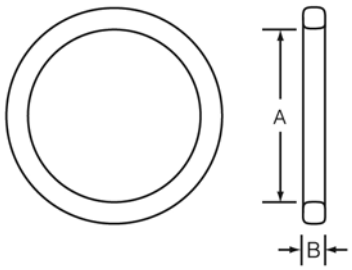
Style: C62-FLK
Series: C62-FLK
Material: Steel



	Part No.	Factory No.	Old Factory No.	ID (In.)	Nom Wall Thick.	Length
	124231	12C62-FLK	12PH-75			
	124232	16C62-FLK	16PH-75			
	124233	20C62-FLK	20PH-75			
	124234	24C62-FLK	24PH-75			
	124235	32C62-FLK	32PH-75			

O-Ring, D-Style for 78 Series Flange Heads on Caterpillar®

Style: D-Ring
Series: DR
Material: Nitrile



	Part No.	Factory No.	Old Factory No.	SAE J120 Size No.	A	B	Dash Size
	102840	20CT-DRING	20CT-DRING	---	1.48	.14	20

H - Hold N - New O - Obsolete S - Superceded

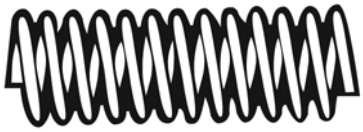
Spring Guard, Flat Armor Type

Style: AG
Series: GA
Material: Steel, Zinc Plated

	Part No.	Factory No.	Old Factory No.	ID (In.)	Nom Wall Thick.	Length
	124134	AG-122	AG-122	1.22		10'
	124151	AG-084	AG-084	0.84		10'

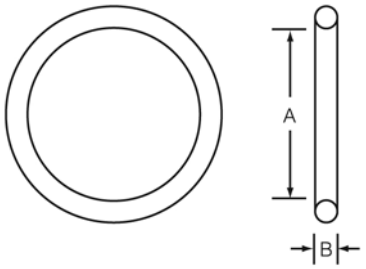
Spring Guard, Open Wound Continuous Wire

Style: SG
Series: GO
Material: Steel, Zinc Plated



	Part No.	Factory No.	Old Factory No.	ID (In.)	Nom Wall Thick.	Length
	124080	SG-084	SG-084	0.84		10'
	124083	SG-097	SG-097	0.97		10'
	124084	SG-106	SG-106	1.06		10'
	124089	SG-166	SG-166	1.66		10'

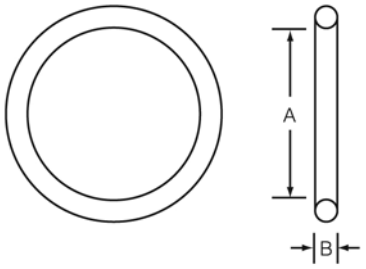
O-RINGS for O-ring Face Seal Male Ends



Style: Face Seal O-Rings
Series: OFS
Material: Nitrile

	Part No.	Factory No.	Old Factory No.	SAE J120 Size No.	A	B	Dash Size
	124311	04OFS	04TT-77	011	0.301	0.070	04
	124312	06OFS	06TT-77	012	0.364	0.070	06
	124313	08OFS	08TT-77	014	0.489	0.070	08
	124314	10OFS	10TT-77	016	0.614	0.070	10
	124315	12OFS	12TT-77	018	0.739	0.070	12
	124316	16OFS	16TT-77	021	0.926	0.070	16
	124317	20OFS	20TT-77	025	1.176	0.070	20
	124318	24OFS	24TT-77	029	1.489	0.070	24

O-RINGS for SAE Straight Thread



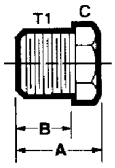
Style: Straight Thread Boss O-Rings
Series: OR
Material: Nitrile

	Part No.	Factory No.	Old Factory No.	SAE J120 Size No.	A	B	Dash Size
	124336	02OR	710-FSO-02	902	0.239	0.064	
	124337	03OR	710-FSO-03	903	0.301	0.064	
	124338	04OR	710-FSO-04	904	0.351	0.072	
	124339	05OR	710-FSO-05	905	0.414	0.072	
	124340	06OR	710-FSO-06	906	0.468	0.078	
	124341	08OR	710-FSO-08	908	0.644	0.087	
	124342	10OR	710-FSO-10	910	0.755	0.097	
	124343	12OR	710-FSO-12	912	0.924	0.116	
	124344	14OR	710-FSO-14	914	1.048	0.116	
	124345	16OR	710-FSO-16	916	1.171	0.116	
	124346	20OR	710-FSO-20	920	1.475	0.118	
	124347	24OR	710-FSO-24	924	1.720	0.118	
	124348	32OR	710-FSO-32	932	2.337	0.118	

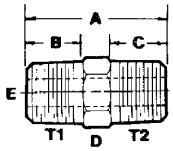
H - Hold N - New O - Obsolete S - Superceded

Notes

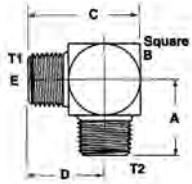
Adapters - Pipe



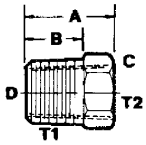
Series: National Pipe Thread Adapters
Style: MP-PLUG p. 161
NPTF Male Plug



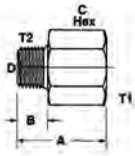
Series: National Pipe Thread Adapters
Style: MPU p. 162
NPTF Male Union



Series: National Pipe Thread Adapters
Style: MP90 p. 163
90° NPTF Male

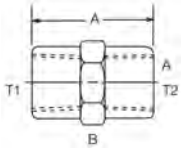


Series: National Pipe Thread Adapters
Style: MPFFB p. 164
NPTF Male to NPTF Female Bushing

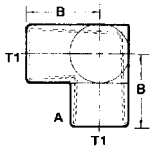


Series: National Pipe Thread Adapters
Style: FFMPR p. 165
NPTF Female to NPTF Male Reducing Connector

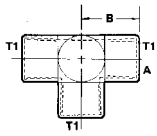
Series: National Pipe Thread Adapters
Style: MPFF90 p. 166
90° Male NPTF to Female NPTF



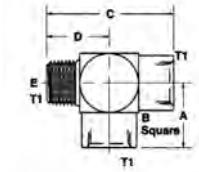
Adapters Style: FFU p. 167
NPTF Female Union



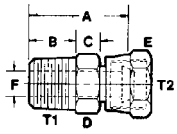
Series: National Pipe Thread Adapters
Style: FF90 p. 167
90° Female NPTF



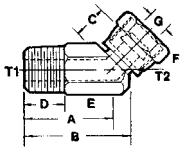
Series: National Pipe Thread Adapters
Style: FFT p. 168
Female NPTF Tee



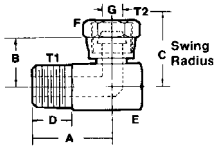
Series: National Pipe Thread Adapters
Style: MPFFT p. 168
NPTF Male to NPTF Female to NPTF Female "T"



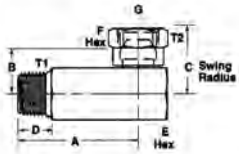
Series: National Pipe Thread Adapters
Style: MPFN p. 169
NPTF Male to NPSM Female Swivel



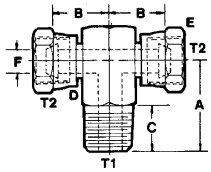
Series: National Pipe Thread Adapters
Style: MPFN45 p. 170
45° NPTF Male to NPSM Female Swivel



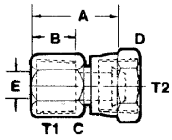
Series: National Pipe Thread Adapters
Style: MPFN90 p. 171
90° NPTF Male to NPSM Female Swivel



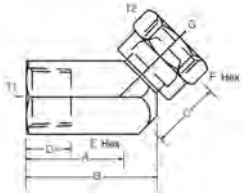
Series: National Pipe Thread Adapters
Style: MPFN90L p. 171
90° NPTF Male to NPSM Female Swivel Long Drop



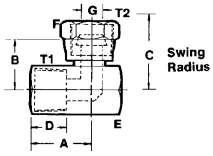
Series: National Pipe Thread Adapters
Style: FNMPT p. 172
NPTF Male to NPSM Female Swivel "T"



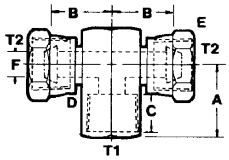
Series: National Pipe Thread Adapters
Style: FFFN p. 172
NPTF Female to NPSM Female Swivel



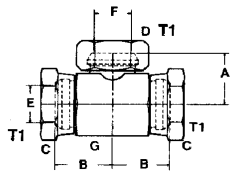
Series: National Pipe Thread Adapters
Style: FFFN45 p. 173
45° NPTF Solid Female to NPSM Female Swivel



Series: National Pipe Thread Adapters
Style: FFFN90 p. 173
90° NPTF Female to NPSM Female Swivel

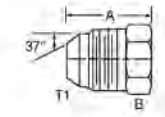


Series: National Pipe Thread Adapters
Style: FNFFT p. 174
NPTF Female to NPSM Female Swivel "T"

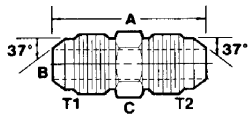


Series: National Pipe Thread Adapters
Style: FNT p. 174
NPSM Female Swivel "T"

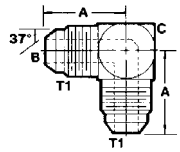
Adapters - JIC



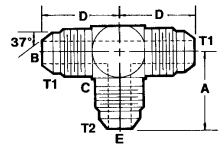
Series: 37° Flare Adapters Style: MJ-PLUG p. 175
Male 37° Flare Plug



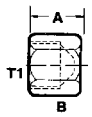
Series: 37° Flare Adapters Style: MJU p. 176
Male 37° Flare Union



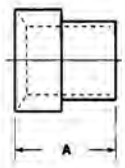
Series: 37° Flare Adapters Style: MJ90 p. 177
90° Male 37° Flare Union



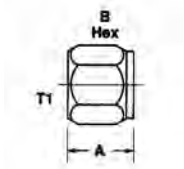
Series: 37° Flare Adapters Style: MJT p. 177
Male 37° Flare "T"



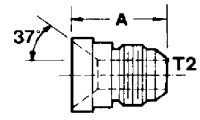
Series: 37° Flare Adapters Style: FJ-CAP p. 178
Female 37° Cap Nut



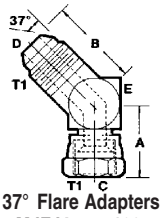
Series: 37° Flare Adapters Style: JIC-SLEEVE p. 178
37° Flare Sleeve (For use with JIC Nut)



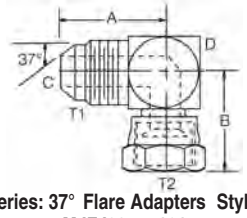
Series: 37° Flare Adapters Style: JIC-NUT p. 179
37° Flare Nut (For use with JIC Sleeve)



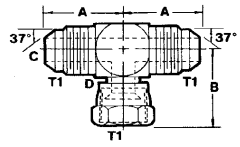
Series: 37° Flare Adapters Style: FJMJR p. 179
Female 37° Flare to Male 37° Flare Tube Reducer



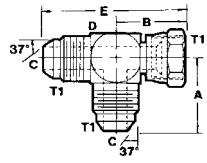
Series: 37° Flare Adapters Style: MJFJ45 p. 180
45° Male 37° Flare to Female Swivel 37° Flare



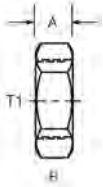
Series: 37° Flare Adapters Style: MJFJ90 p. 181
90° Male 37° Flare to Female Swivel 37° Flare



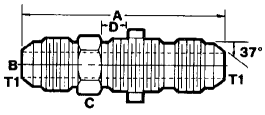
Series: 37° Flare Adapters Style: MJFJT p. 181
Male 37° Flare to Male 37° Flare to Female Swivel 37° Flare "T"



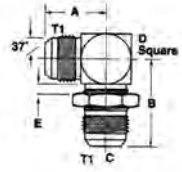
Series: 37° Flare Adapters Style: 871FS p. 182
Male 37° Flare to Female Swivel 37° Flare to Male 37° Flare "T"



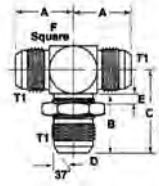
Series: Miscellaneous Style: LNUT p. 182
Lock Nut



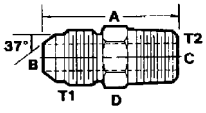
Series: 37° Flare Adapters Style: MJBH p. 183
Male 37° Flare to Bulkhead Male 37° Flare



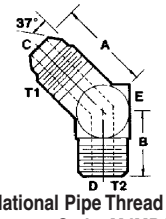
Series: 37° Flare Adapters Style: MJBH90 p. 183
90° Male 37° Flare to Bulkhead Male 37° Flare



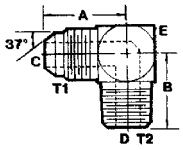
Series: 37° Flare Adapters Style: MJBHT p. 184
Male 37° Flare to Male 37° Flare to Bulkhead Male 37° Flare "T"



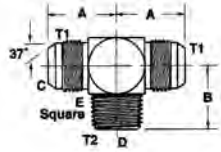
Series: 37° Flare Adapters Style: MJMP p. 185
Male 37° Flare to NPTF Male



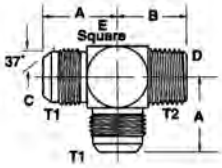
Series: National Pipe Thread with 37° Flare Adapters Style: MJMP45 p. 186
45° Male 37° Flare to NPTF Male



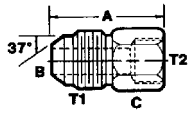
Series: National Pipe Thread with 37° Flare Adapters Style: MJMP90 p. 187
90° Male 37° Flare to NPTF Male



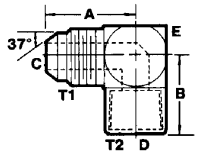
Series: National Pipe Thread with 37° Flare Adapters Style: MJMPT p. 188
Male 37° Flare to Male 37° Flare to NPTF Male "T"



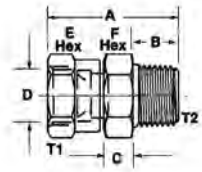
Series: 37° Flare Adapters Style: MJMPT p. 188
Male 37° Flare to NPTF Male to Male 37° Flare "T"



Series: 37° Flare Adapters Style: MJFF p. 189
Male 37° Flare to NPTF Female

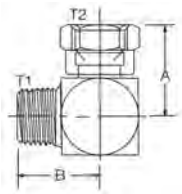


Series: National Pipe Thread with 37° Flare Adapters Style: MJFF90 p. 190
90° Male 37° Flare to NPTF Female

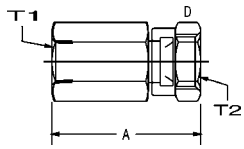


Series: National Pipe Thread with 37° Flare Adapters Style: FJMP p. 190
Female Swivel 37° Flare to NPTF Male

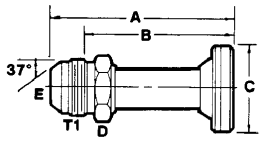
Adapters - JIC - continued



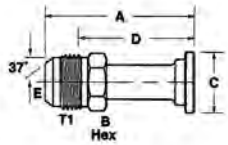
Series: National Pipe Thread with 37° Flare Adapters Style: MPFJ90 p. 191
90° NPTF Male to Female Swivel 37° Flare



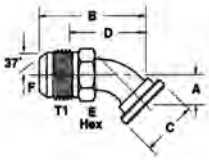
Series: National Pipe Thread Adapters Style: FFFJ p. 191
NPTF Female to Female Swivel 37° Flare



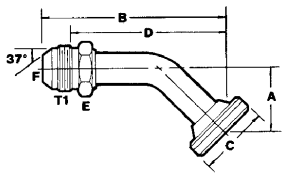
Series: 37° Flare Adapters Style: MJC61 p. 192
Male 37° Flare to O-Ring Flange (Code 61)



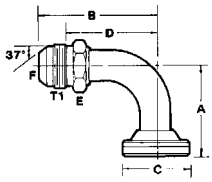
Series: 37° Flare Adapters Style: MJC61L p. 192
Male 37° Flare to O-Ring Flange (Code 61) Long



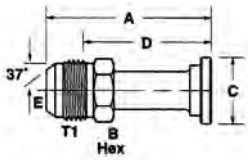
Series: 37° Flare Adapters Style: MJC6145 p. 193
45° Bent Tube Male 37° Flare to O-Ring Flange (Code 61)



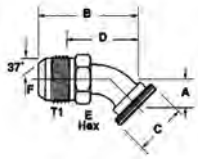
Series: 37° Flare Adapters Style: MJC6145L p. 193
45° Bent Tube Male 37° Flare to O-Ring Flange (Code 61) Long



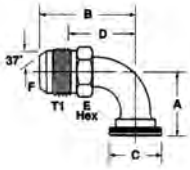
Series: 37° Flare Adapters Style: MJC6190 p. 194
90° Bent Tube Male 37° Flare to O-Ring Flange (Code 61)



Series: 37° Flare Adapters Style: MJC62 p. 194
Male 37° Flare to O-Ring Flange (Code 62)

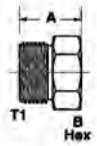


Series: 37° Flare Adapters Style: MJC6245 p. 195
45° Bent Tube Male 37° Flare to O-Ring Flange (Code 62)

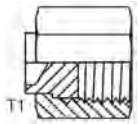


Series: 37° Flare Adapters Style: MJC6290 p. 195
90° Bent Tube Male 37° Flare to O-Ring Flange (Code 62)

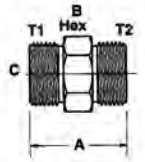
Adapters - O-Ring Face Seal



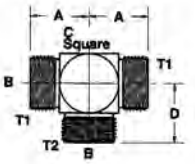
Series: Face Seal Adapters Style: OM-PLUG p. 196
Male O-Ring Face Seal Plug



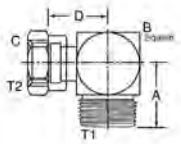
Series: Face Seal Adapters Style: OF-CAP p. 196
O-Ring Face Seal Cap Nut



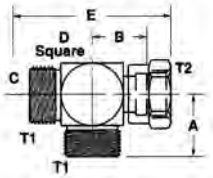
Series: Face Seal Adapters Style: OMU p. 197
Male OR Face Seal to Male OR Face Seal



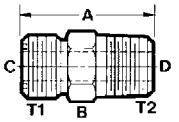
Series: Face Seal Adapters Style: OMT p. 197
Male O-Ring Face Seal "T"



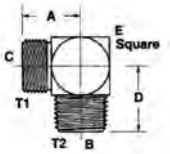
Series: Face Seal Adapters Style: OMOF90 p. 198
90° Male O-Ring Face Seal to Female Swivel O-Ring Face Seal



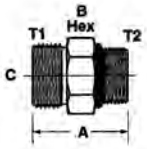
Series: Face Seal Adapters Style: OMOFT p. 198
M O-ring Face Seal to Female Swivel OR Face Seal to Male OR Face Seal "T"



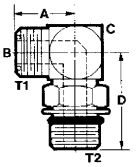
Series: National Pipe Thread Adapters Style: OMMP p. 199
NPTF Male to Male O-Ring Face Seal



Series: National Pipe Thread Adapters Style: OMMP90 p. 200
90° Male O-Ring Face Seal to NPTF Male

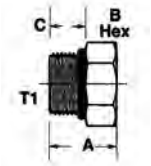


Series: Face Seal Adapters Style: OMOR p. 201
Male O-Ring Face Seal to Male O-Ring Boss

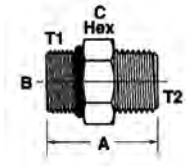


Series: Face Seal Adapters Style: OROM90 p. 202
90° Adjustable Male O-Ring Face Seal to Male ORB

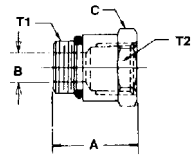
Adapters - O-Ring Boss



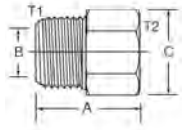
Series: O-Ring Boss Adapters Style: OR-PLUG p. 203
Male ORB Plug



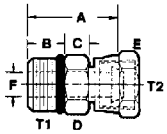
Series: National Pipe Thread Adapters Style: ORMP p. 203
Male O-Ring Boss to NPTF Male



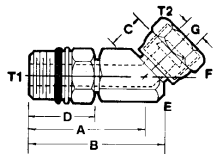
Series: National Pipe Thread Adapters Style: ORFF p. 204
Male ORB to NPTF Female



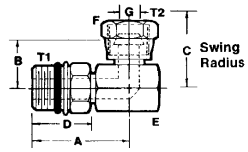
Series: National Pipe Thread Adapters Style: MPFOR p. 205
NPTF Male to Female ORB



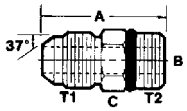
Series: National Pipe Thread Adapters Style: ORFN p. 206
Male ORB to NPSM Female Swivel



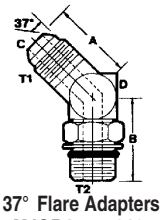
Series: National Pipe Thread Adapters Style: ORFN45 p. 207
45° Adjustable Male ORB to NPSM Female Swivel



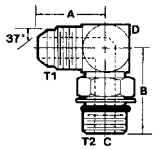
Series: National Pipe Thread Adapters Style: ORFN90 p. 208
90° Adjustable Male ORB to NPSM Female Swivel



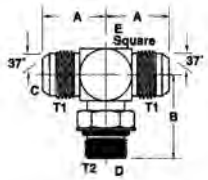
Series: 37° Flare Adapters Style: MJOR p. 209
Male 37° Flare to Male ORB



Series: 37° Flare Adapters Style: MJOR45 p. 210
45° Male 37° Flare to Adjustable Male ORB

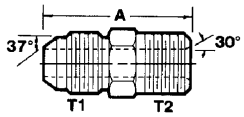


Series: 37° Flare Adapters Style: MJOR90 p. 211
90° Male 37° Flare to Adjustable Male ORB

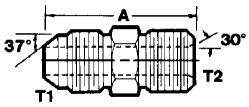


Series: 37° Flare Adapters Style: MJORT p. 212
Male 37° Flare to Male 37° Flare to Adjustable ORB "T"

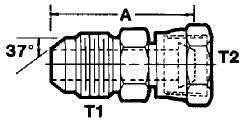
Adapters - Metric



Series: 37° Flare Adapters Style: MJMZ p. 212
Male 37° Flare to Male Metric DIN 7611

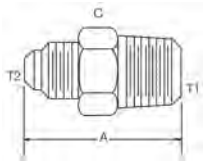


Series: 37° Flare Adapters Style: MJBP p. 213
Male 37° Flare to BSP Male

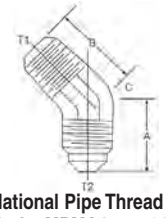


Series: 37° Flare Adapters Style: MJRU p. 213
Male 37° Flare to Female Metric Swivel DIN 3861SB

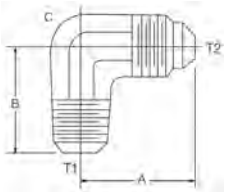
Adapters - Brass



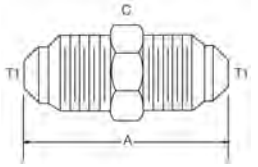
Series: National Pipe Thread Adapters
Style: MPMA p. 214
NPTF Male to Male 45° Flare



Series: National Pipe Thread Adapters
Style: MPMA45 p. 214
45° NPTF Male to Male 45° Flare

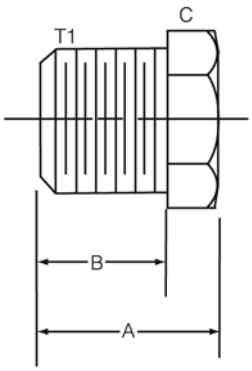


Series: National Pipe Thread Adapters
Style: MPMA90 p. 215
90° NPTF Male to Male 45° Flare



Series: Miscellaneous Style: MAU
p. 215
Male 45° Flare Union

NPTF Male Plug

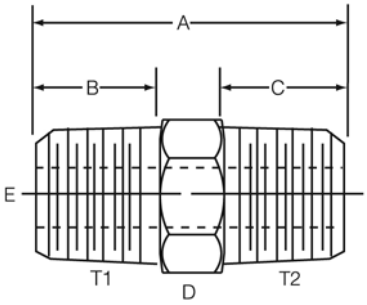


Style: MP-PLUG
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145025	02MP-PLUG	24ST-02	1/8 - 27	---	.56	.39	.438	---	---	---	---	
	145026	04MP-PLUG	24ST-04	1/4 - 18	---	.75	.57	.562	---	---	---	---	
	145028	06MP-PLUG	24ST-06	3/8 - 18	---	.78	.57	.688	---	---	---	---	
	145029	08MP-PLUG	24ST-08	1/2 - 14	---	.97	.75	.875	---	---	---	---	
	145030	12MP-PLUG	24ST-12	3/4 - 18	---	1.06	.76	1.062	---	---	---	---	
	145032	16MP-PLUG	24ST-16	1 - 11 1/2	---	1.25	.96	1.312	---	---	---	---	
	145033	20MP-PLUG	24ST-20	1 1/4 - 11 1/2	---	1.28	.96	1.750	---	---	---	---	
	145034	24MP-PLUG	24ST-24	1 1/2 - 11 1/2	---	1.31	1.00	2.00	---	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

NPTF Male Union

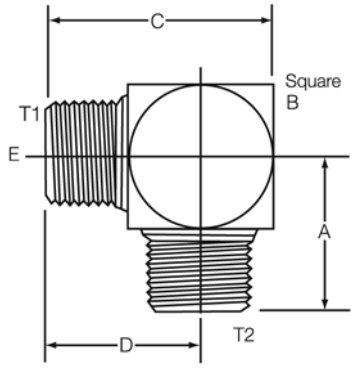


Style: MPU
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144900	02MP-02MP	24SA-02	1/8 - 27	1/8 - 27	1.06	.37	.37	.44	.19	---	---	
	144903	04MP-04MP	24SA-04	1/4 - 18	1/4 - 18	1.45	.56	.56	.62	.28	---	---	
	144904	04MP-02MP	24SA-04X02	1/4 - 18	1/8 - 27	1.25	.56	.37	.62	.19	---	---	
	144905	06MP-04MP	24SA-06X04	3/8 - 18	1/4 - 18	1.45	.56	.56	.75	.28	---	---	
	144906	08MP-04MP	24SA-08X04	1/2 - 14	1/4 - 18	1.70	.75	.56	.87	.28	---	---	
	144910	06MP-06MP	24SA-06	3/8 - 18	3/8 - 18	1.45	.56	.56	.75	.41	---	---	
	144911	08MP-06MP	24SA-08X06	1/2 - 14	3/8 - 18	1.70	.75	.56	.87	.41	---	---	
	144913	08MP-08MP	24SA-08	1/2 - 14	1/2 - 14	1.89	.75	.75	.87	.53	---	---	
	144915	12MP-08MP	24SA-12X08	3/4 - 14	1/2 - 14	1.96	.75	.75	1.12	.53	---	---	
	144920	12MP-12MP	24SA-12	3/4 - 14	3/4 - 14	1.96	.75	.75	1.12	.72	---	---	
	144922	16MP-12MP	24SA-16X12	1 - 11 1/2	3/4 - 14	2.16	.94	.75	1.37	.72	---	---	
	144925	16MP-16MP	24SA-16	1 - 11 1/2	1 - 11 1/2	2.34	.94	.94	1.37	.94	---	---	
	144928	20MP-20MP	24SA-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2.48	.97	.97	1.75	1.25	---	---	
	144929	20MP-16MP	24SA-20X16	1 1/4 - 11 1/2	1 - 11 1/2	2.45	.97	.94	1.75	.94	---	---	
	144931	24MP-24MP	24SA-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2.60	1.00	1.00	2.00	1.50	---	---	
	144934	32MP-32MP	24SA-32	2 - 11 1/2	2 - 11 1/2	2.81	1.03	1.03	2.50	1.94	---	---	

D - Discontinued O - Obsolete R - Reinstated

90° NPTF Male

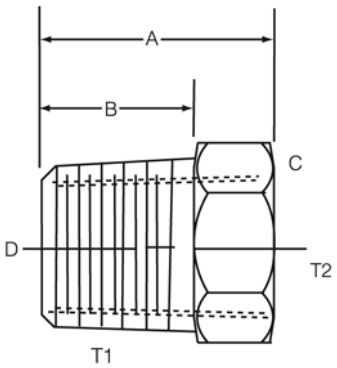


Style: MP90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145040	02MP-02MP90	25UA-02	1/8 - 27	1/8 - 27	.76	.56	1.01	.76	.28	---	---	
	145043	04MP-04MP90	25UA-04	1/4 - 18	1/4 - 18	1.09	.62	1.41	1.09	.28	---	---	
	145048	06MP-06MP90	25UA-06	3/8 - 18	3/8 - 18	1.21	.81	1.62	1.21	.41	---	---	
	145049	06MP-04MP90	25UA-06X04	3/8 - 18	1/4 - 18	1.59	.75	1.59	.72	.41	---	---	
	145051	08MP-08MP90	25UA-08	1/2 - 14	1/2 - 14	1.46	.93	1.93	1.46	.53	---	---	
	145052	08MP-06MP90	25UA-08X06	1/2 - 14	3/8 - 18	1.21	.94	1.94	1.46	.50	---	---	
	145059	12MP-12MP90	25UA-12	3/4 - 18	3/4 - 18	1.56	1.12	2.12	1.56	.71	---	---	
	145060	12MP-08MP90	25UA-12X08	3/4 - 18	1/2 - 14	1.49	1.13	2.16	.91	.63	---	---	
	145064	16MP-16MP90	25UA-16	1 - 11 1/2	1 - 11 1/2	1.96	1.37	2.65	1.96	.96	---	---	
	145065	16MP-12MP90	25UA-16X12	1 - 11 1/2	3/4 - 18	1.60	1.38	2.65	1.97	.72	---	---	
	145067	20MP-20MP90	25UA-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2.37	1.75	3.25	2.37	1.25	---	---	
D	145069	24MP-24MP90	25UA-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2.64	2.00	3.64	2.64	1.48	---	---	

D - Discontinued O - Obsolete R - Reinstated

NPTF Male to NPTF Female Bushing

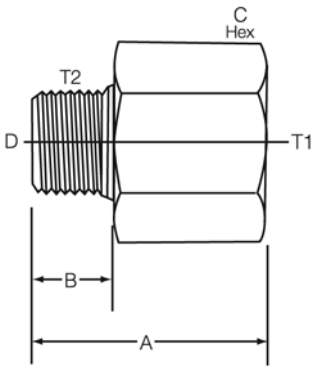


Style: MPFFB
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144975	04MP-02FFB	24SB-04X02	1/4 - 18	1/8 - 27	.85	.56	.62	.33	---	---	---	
	144977	06MP-02FFB	24SB-06X02	3/8 - 18	1/8 - 27	.85	.56	.75	.33	---	---	---	
	144978	08MP-02FFB	24SB-08X02	1/2 - 14	1/8 - 27	1.10	.75	.87	.33	---	---	---	
	144982	06MP-04FFB	24SB-06X04	3/8 - 18	1/4 - 18	.85	.56	.75	.42	---	---	---	
	144983	08MP-04FFB	24SB-08X04	1/2 - 14	1/4 - 18	1.10	.75	.87	.42	---	---	---	
	144984	12MP-04FFB	24SB-12X04	3/4 - 14	1/4 - 18	1.17	.75	1.12	.42	---	---	---	
	144988	08MP-06FFB	24SB-08X06	1/2 - 14	3/8 - 18	1.10	.75	.87	.56	---	---	---	
	144990	12MP-06FFB	24SB-12X06	3/4 - 14	3/8 - 18	1.17	.75	1.12	.56	---	---	---	
	144995	12MP-08FFB	24SB-12X08	3/4 - 14	1/2 - 14	1.17	.75	1.12	.69	---	---	---	
	144995A	16MP-04FFB	24SB-16X04	1 - 11 1/2	1/4 - 18	1.36	.94	1.37	.55	---	---	---	
	144996	16MP-06FFB	24SB-16X06	1 - 11 1/2	3/8 - 18	1.36	.94	1.37	.56	---	---	---	
	144997	16MP-08FFB	24SB-16X08	1 - 11 1/2	1/2 - 14	1.36	.94	1.37	.69	---	---	---	
	145004	16MP-12FFB	24SB-16X12	1 - 11 1/2	3/4 - 14	1.36	.94	1.37	.89	---	---	---	
	145005	20MP-08FFB	24SB-20X08	1 1/4 - 11 1/2	1/2 - 14	1.47	.97	1.75	.69	---	---	---	
	145006	20MP-12FFB	24SB-20X12	1 1/4 - 11 1/2	3/4 - 14	1.47	.97	1.75	.89	---	---	---	
	145008	20MP-16FFB	24SB-20X16	1 1/4 - 11 1/2	1 - 11 1/2	1.47	.97	1.75	1.13	---	---	---	
	145011	24MP-16FFB	24SB-24X16	1 1/2 - 11 1/2	1 - 11 1/2	1.57	1.00	2.00	.89	---	---	---	
	145016	32MP-20FFB	24SB-32X20	2 - 11 1/2	1 1/4 - 11 1/2	1.75	1.03	2.50	1.47	---	---	---	
	145018	32MP-24FFB	24SB-32X24	2 - 11 1/2	1 1/2 - 11 1/2	1.75	1.03	2.50	1.70	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

NPTF Female to NPTF Male Reducing Connector

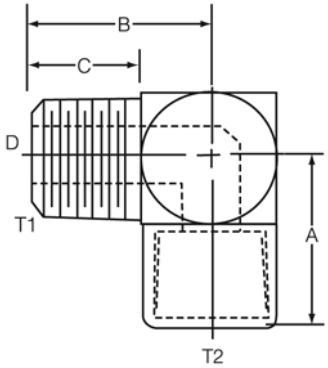


Style: FFMPR
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145019	04FF-02MPR	24SG-04X02	1/4 - 18	1/8 - 27	1.22	.38	.75	.19	---	---	---	
	145019A	06FF-04MPR	24SG-06X04	3/8 - 18	1/4 - 18	1.25	.56	.88	.31	---	---	---	
	145020	08FF-04MPR	24SG-08X04	1/2 - 14	1/4 - 18	1.50	.56	1.06	.31	---	---	---	
	145020A	08FF-06MPR	24SG-08X06	1/2 - 14	3/8 - 18	1.47	.56	1.06	.44	---	---	---	
D	145020B	12FF-04MPR	24SG-12X04	3/4 - 14	1/4 - 18	1.63	.56	1.38	.44	---	---	---	
	145021	12FF-08MPR	24SG-12X08	3/4 - 14	1/2 - 14	1.69	.75	1.38	.56	---	---	---	
	145021A	16FF-06MPR	24SG-16X06	1 - 11 1/2	3/8 - 18	1.94	.56	1.63	.41	---	---	---	
	145022	16FF-08MPR	24SG-16X08	1 - 11 1/2	1/2 - 14	1.88	.75	1.63	.56	---	---	---	
	145023	16FF-12MPR	24SG-16X12	1 - 11 1/2	3/4 - 14	1.88	.97	1.63	.75	---	---	---	
	145023A	20FF-16MPR	24SG-20X16	1 1/4 - 11 1/2	1 - 11 1/2	2.47	.94	2.00	.94	---	---	---	
	145024	24FF-20MPR	24SG-24X20	1 1/2 - 11 1/2	1 1/4 - 11 1/2	2.50	.97	2.38	1.25	---	---	---	
	145024A	32FF-24MPR	24SG-32X24	2 - 11 1/2	1 1/2 - 11 1/2	2.63	1.00	2.88	1.50	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

90° Male NPTF to Female NPTF



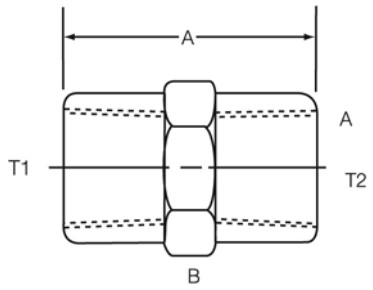
Style: MPFF90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145120	02MP-02FF90	25UG-02	1/8 - 27	1/8 - 27	.66	.86	.42	.20	---	---	---	
D	145121	02MP-04FF90	25UG-02X04	1/8 - 27	1/4 - 18	.88	.88	.50	.20	---	---	---	
	145123	04MP-04FF90	25UG-04	1/4 - 18	1/4 - 18	.88	1.09	.72	.30	---	---	---	
	145123A	04MP-02FF90	25UG-04X02	1/4 - 18	1/8 - 27	.66	1.09	.78	.28	---	---	---	
	145124	04MP-06FF90	25UG-04X06	1/4 - 18	3/8 - 18	1.02	1.22	.78	.30	---	---	---	
	145128	06MP-06FF90	25UG-06	3/8 - 18	3/8 - 18	1.02	1.23	.69	.42	---	---	---	
	145128A	06MP-04FF90	25UG-06X04	3/8 - 18	1/4 - 18	1.02	1.19	.81	.41	---	---	---	
	145130	06MP-08FF90	25UG-06X08	3/8 - 18	1/2 - 14	1.23	1.19	.69	.41	---	---	---	
	145131	08MP-08FF90	25UG-08	1/2 - 14	1/2 - 14	1.23	1.47	.92	.50	---	---	---	
	145132	08MP-06FF90	25UG-08X06	1/2 - 14	3/8 - 18	1.24	1.44	.91	.53	---	---	---	
	145137	08MP-12FF90	25UG-08X12	1/2 - 14	3/4 - 14	1.36	1.60	.91	.53	---	---	---	
	145139	12MP-12FF90	25UG-12	3/4 - 14	3/4 - 14	1.36	1.73	.89	.72	---	---	---	
	145140	12MP-08FF90	25UG-12X08	3/4 - 14	1/2 - 14	1.23	1.55	.98	.66	---	---	---	
	145144	16MP-16FF90	25UG-16	1 - 11 1/2	1 - 11 1/2	1.62	2.11	1.08	.91	---	---	---	
	145147	20MP-20FF90	25UG-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.75	2.25	1.06	1.25	---	---	---	
D	145150	24MP-24FF90	25UG-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2.07	2.64	1.00	1.50	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

ADAPTERS

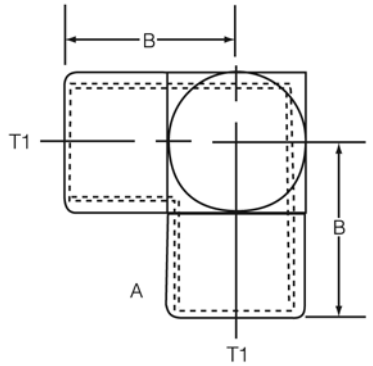
NPTF Female Union



Style: FFU
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144860	02FF-02FF	24SJ-02	1/8 - 27	1/8 - 27	.75	.62	.33	---	---	---	---	
	144861	04FF-02FF	24SJ-04X02	1/4 - 18	1/8 - 27	.94	.75	.33	---	---	---	---	
	144863	04FF-04FF	24SJ-04	1/4 - 18	1/4 - 18	1.13	.75	.42	---	---	---	---	
	144867	06FF-04FF	24SJ-06X04	3/8 - 18	1/4 - 18	1.13	.87	.42	---	---	---	---	
	144868	06FF-06FF	24SJ-06	3/8 - 18	3/8 - 18	1.13	.87	.56	---	---	---	---	
	144869	08FF-06FF	24SJ-08X06	1/2 - 14	3/8 - 18	1.31	1.13	.56	---	---	---	---	
	144871	08FF-08FF	24SJ-08	1/2 - 14	1/2 - 14	1.50	1.13	.69	---	---	---	---	
	144873	12FF-08FF	24SJ-12X08	3/4 - 14	1/2 - 14	1.52	1.37	.69	---	---	---	---	
	144878	12FF-12FF	24SJ-12	3/4 - 14	3/4 - 14	1.53	1.37	.89	---	---	---	---	
	144883	16FF-16FF	24SJ-16	1 - 11 1/2	1 - 11 1/2	1.89	1.62	1.12	---	---	---	---	
	144886	20FF-20FF	24SJ-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.93	2.00	1.47	---	---	---	---	
	144890	24FF-24FF	24SJ-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	1.93	2.37	1.70	---	---	---	---	

90° Female NPTF

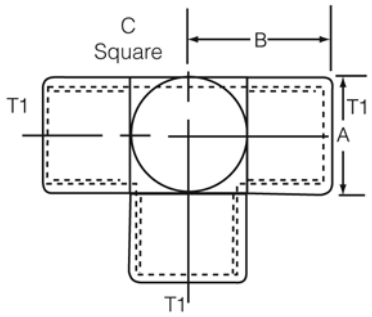


Style: FF90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145200	02FF90	25UJ-02	1/8 - 27	---	.33	.66	---	---	---	---	---	
	145205	04FF90	25UJ-04	1/4 - 18	---	.42	.88	---	---	---	---	---	
	145210	06FF90	25UJ-06	3/8 - 18	---	.56	1.02	---	---	---	---	---	
	145213	08FF90	25UJ-08	1/2 - 14	---	.69	1.23	---	---	---	---	---	
	145221	12FF90	25UJ-12	3/4 - 14	---	.69	1.23	---	---	---	---	---	
	145226	16FF90	25UJ-16	1 - 11 1/2	---	1.12	1.62	---	---	---	---	---	
	145228	20FF90	25UJ-20	1 1/4 - 11 1/2	---	1.47	1.69	---	---	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

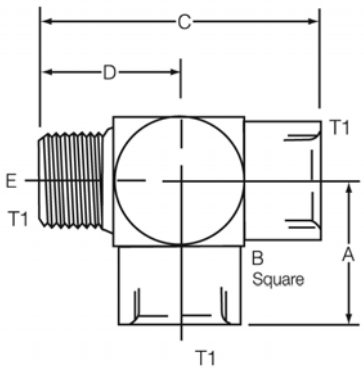
Female NPTF Tee



Style: FFT
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145190	02FFT	25VJ-02	1/8 - 27	---	.33	.64	.63	---	---	---	---	
	145191	04FFT	25VJ-04	1/4 - 18	---	.42	.89	.75	---	---	---	---	
	145192	06FFT	25VJ-06	3/8 - 18	---	.56	.97	.87	---	---	---	---	
	145193	08FFT	25VJ-08	1/2 - 14	---	.69	1.23	1.13	---	---	---	---	
	145195	12FFT	25VJ-12	3/4 - 14	---	.89	1.34	1.38	---	---	---	---	
	145196	16FFT	25VJ-16	1 - 11 1/2	---	1.12	1.62	1.63	---	---	---	---	
	145197	20FFT	25VJ-20	1 1/4 - 11 1/2	---	1.47	1.69	2.00	---	---	---	---	

NPTF Male to NPTF Female to NPTF Female T

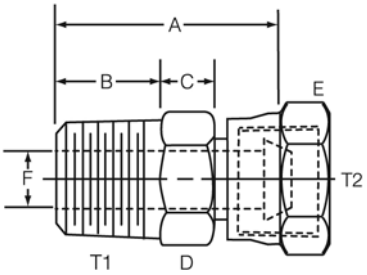


Style: MPFFT
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145283	04MP-04FF-04FFT	25VK-04	1/4 - 18	---	.90	.75	1.96	1.09	.29	---	---	
	145288	06MP-06FF-06FFT	25VK-06	3/8 - 18	---	1.01	.87	2.23	1.21	.42	---	---	
	145291	08MP-08FF-08FFT	25VK-08	1/2 - 14	---	1.23	1.12	2.70	1.46	.55	---	---	
	145299	12MP-12FF-12FFT	25VK-12	3/4 - 14	---	1.35	1.37	2.95	1.59	.71	---	---	

D - Discontinued O - Obsolete R - Reinstated

NPTF Male to NPSM Female Swivel

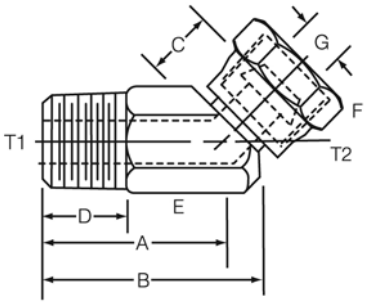


Style: MPFN
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142500	02MP-02FN	60SA-02X02	1/8 - 27	1/8 - 27	.86	.37	.19	.50	.50	.14	---	
	142501	04MP-02FN	60SA-04X02	1/4 - 18	1/8 - 27	1.08	.56	.25	.56	.50	.14	---	
	142502	02MP-04FN	60SA-02X04	1/8 - 27	1/4 - 18	1.03	.37	.25	.50	.69	.20	---	
	142503	04MP-04FN	60SA-04X04	1/4 - 18	1/4 - 18	1.22	.56	.25	.69	.69	.23	---	
	142505	06MP-04FN	60SA-06X04	3/8 - 18	1/4 - 18	1.28	.56	.31	.87	.69	.23	---	
	142506	08MP-04FN	60SA-08X04	1/2 - 14	1/4 - 18	1.57	.75	.37	.87	.69	.23	---	
	142507	04MP-06FN	60SA-04X06	1/4 - 18	3/8 - 18	1.22	.56	.25	.69	.87	.30	---	
	142509	06MP-06FN	60SA-06X06	3/8 - 18	3/8 - 18	1.28	.56	.31	.87	.87	.34	---	
	142510	08MP-06FN	60SA-08X06	1/2 - 14	3/8 - 18	1.53	.75	.37	1.00	.87	.34	---	
	142511	06MP-08FN	60SA-06X08	3/8 - 18	1/2 - 14	1.25	.56	.31	.87	1.00	.42	---	
	142512	08MP-08FN	60SA-08X08	1/2 - 14	1/2 - 14	1.50	.75	.37	1.00	1.00	.48	---	
	142514	12MP-08FN	60SA-12X08	3/4 - 14	1/2 - 14	1.50	.75	.37	1.06	1.00	.48	---	
	142518	08MP-12FN	60SA-08X12	1/2 - 14	3/4 - 14	1.62	.75	.37	1.00	1.25	.55	---	
	142520	12MP-12FN	60SA-12X12	3/4 - 14	3/4 - 14	1.62	.75	.37	1.25	1.25	.66	---	
	142522	16MP-12FN	60SA-16X12	1 - 11 1/2	3/4 - 14	1.87	.94	.44	1.50	1.25	.66	---	
	142523	12MP-16FN	60SA-12X16	3/4 - 14	1 - 11 1/2	1.69	.75	.44	1.50	1.50	.72	---	
	142525	16MP-16FN	60SA-16X16	1 - 11 1/2	1 - 11 1/2	1.87	.94	.44	1.50	1.50	.87	---	
	142526	20MP-16FN	60SA-20X16	1 1/4 - 11 1/2	1 - 11 1/2	1.97	.97	.50	1.75	1.50	.88	---	
	142527	16MP-20FN	60SA-16X20	1 - 11 1/2	1 1/4 - 11 1/2	1.92	.94	.44	1.87	1.87	.94	---	
	142528	20MP-20FN	60SA-20X20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2.01	.97	.50	1.87	1.87	1.12	---	
	142531	24MP-24FN	60SA-24X24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2.06	1.00	.50	2.12	2.12	1.37	---	
	142534	32MP-32FN	60SA-32X32	2 - 11 1/2	2 - 11 1/2	2.86	1.00	.62	2.62	2.62	1.81	---	

D - Discontinued O - Obsolete R - Reinstated

45° NPTF Male to NPSM Female Swivel

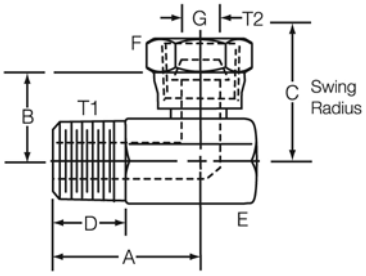


Style: MPFN45
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142660	02MP-02FN45	60TA-02X02	1/8 - 27	1/8 - 27	.62	.87	.55	.37	.50	.50	.16	
	142663	04MP-04FN45	60TA-04X04	1/4 - 18	1/4 - 18	.91	1.25	.72	.56	.69	.69	.23	
	142665	06MP-04FN45	60TA-06X04	3/8 - 18	1/4 - 18	---	---	---	---	---	---	---	
	142666	04MP-06FN45	60TA-04X06	1/4 - 18	3/8 - 18	.91	1.34	.82	.56	.88	.88	.28	
	142668	06MP-06FN45	60TA-06X06	3/8 - 18	3/8 - 18	1.00	1.44	.84	.56	.87	.87	.34	
	142668A	08MP-04FN45	60TA-08X04	1/2 - 14	1/4 - 18	1.34	1.78	.86	.75	.88	.69	.23	
	142669	08MP-06FN45	60TA-08X06	1/2 - 14	3/8 - 18	1.28	1.78	.94	.75	1.00	.87	.34	
	142670	06MP-08FN45	60TA-06X08	3/8 - 18	1/2 - 14	1.09	1.59	.87	.56	1.00	1.00	.42	
	142671	08MP-08FN45	60TA-08X08	1/2 - 14	1/2 - 14	1.28	1.78	.87	.75	1.00	1.00	.45	
	142672	08MP-12FN45	60TA-08X12	1/2 - 14	3/4 - 14	1.50	2.12	.94	.75	1.25	1.25	.54	
	142673	12MP-08FN45	60TA-12X08	3/4 - 14	1/2 - 14	1.50	2.12	1.05	.75	1.25	1.00	.45	
	142679	12MP-12FN45	60TA-12X12	3/4 - 14	3/4 - 14	1.50	2.12	.97	.75	1.25	1.25	.66	
	142681	16MP-12FN45	60TA-16X12	1 - 11 1/2	3/4 - 14	1.50	2.25	1.14	.94	1.50	1.25	.66	
	142682	12MP-16FN45	60TA-12X16	3/4 - 14	1 - 11 1/2	1.50	2.25	1.01	.75	1.50	1.50	.73	
	142683	16MP-20FN45	60TA-16X20	1 - 11 1/2	1 1/4 - 11 1/2	1.71	2.65	1.16	.94	1.87	1.87	.88	
	142684	16MP-16FN45	60TA-16X16	1 - 11 1/2	1 - 11 1/2	1.50	2.25	1.01	.94	1.50	1.50	.84	
	142685	20MP-16FN45	60TA-20X16	1 1/4 - 11 1/2	1 - 11 1/2	1.75	2.69	1.11	.97	1.87	1.50	.84	
	142687	20MP-20FN45	60TA-20X20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.75	2.69	1.16	.97	1.87	1.87	1.12	

D - Discontinued O - Obsolete R - Reinstated

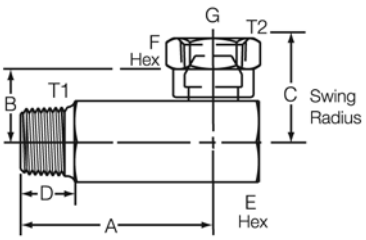
90° NPTF Male to NPSM Female Swivel



Style: MPFN90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142580	02MP-02FN90	60UA-02X02	1/8 - 27	1/8 - 27	.97	.61	.86	.37	.50	.50	.16	
	142582	02MP-04FN90	60UA-02X04	1/8 - 27	1/4 - 18	1.00	.78	1.13	.37	.69	.69	.19	
	142583	04MP-04FN90	60UA-04X04	1/4 - 18	1/4 - 18	1.19	.80	1.12	.56	.69	.69	.23	
	142585	06MP-04FN90	60UA-06X04	3/8 - 18	1/4 - 18	1.19	.89	1.22	.56	.87	.69	.23	
	142586	08MP-04FN90	60UA-08X04	1/2 - 14	1/4 - 18	1.69	.87	1.22	.75	.87	.69	.23	
	142587	04MP-06FN90	60UA-04X06	1/4 - 18	3/8 - 18	1.50	.92	1.34	.56	.87	.87	.30	
	142589	06MP-06FN90	60UA-06X06	3/8 - 18	3/8 - 18	1.50	.92	1.34	.56	.87	.87	.34	
	142590	08MP-06FN90	60UA-08X06	1/2 - 14	3/8 - 18	1.69	.98	1.41	.75	1.00	.87	.34	
	142592	12MP-06FN90	60UA-12X06	3/4 - 14	3/8 - 18	1.69	1.05	1.47	.75	1.13	.88	.34	
	142593	06MP-08FN90	60UA-06X08	3/8 - 18	1/2 - 14	1.56	.98	1.44	.56	1.00	1.00	.42	
	142594	08MP-08FN90	60UA-08X08	1/2 - 14	1/2 - 14	1.81	.98	1.44	.75	1.00	1.00	.45	
	142596	12MP-08FN90	60UA-12X08	3/4 - 14	1/2 - 14	1.75	1.11	1.56	.75	1.25	1.00	.45	
	142600	08MP-12FN90	60UA-08X12	1/2 - 14	3/4 - 14	2.00	1.14	1.66	.75	1.25	1.25	.48	
	142602	12MP-12FN90	60UA-12X12	3/4 - 14	3/4 - 14	2.00	1.16	1.66	.75	1.25	1.25	.66	
	142604	16MP-12FN90	60UA-16X12	1 - 11 1/2	3/4 - 14	2.31	1.26	1.78	.94	1.50	1.25	.66	
	142605	12MP-16FN90	60UA-12X16	3/4 - 14	1 - 11 1/2	2.19	1.28	1.89	.75	1.50	1.50	.66	
	142607	16MP-16FN90	60UA-16X16	1 - 11 1/2	1 - 11 1/2	2.37	1.28	1.86	.94	1.50	1.50	.84	
	142610	20MP-20FN90	60UA-20X20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2.62	1.50	2.19	.97	1.87	1.87	1.12	
	142613	24MP-24FN90	60UA-24X24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2.81	1.62	2.41	1.00	2.12	2.12	1.37	
	142616	32MP-32FN90	60UA-32X32	2 - 11 1/2	2 - 11 1/2	3.06	2.00	2.81	1.03	2.62	2.62	1.81	

90° NPTF Male to NPSM Female Swivel Long Drop



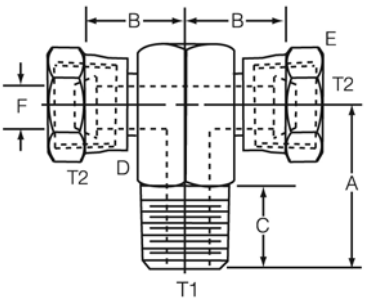
Style: MPFN90L
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142944A	04MP-04FN90L	60UC-04X04	1/4 - 18	1/4 - 18	2.25	.80	1.12	.56	.69	.69	.23	
	142946	08MP-08FN90L	60UC-08X08	1/2 - 14	1/2 - 14	3.19	.98	1.44	.75	1.00	1.00	.45	
	142948	12MP-12FN90L	60UC-12X12	3/4 - 14	3/4 - 14	3.66	1.16	1.66	.75	1.25	1.25	.66	

D - Discontinued O - Obsolete R - Reinstated

ADAPTERS

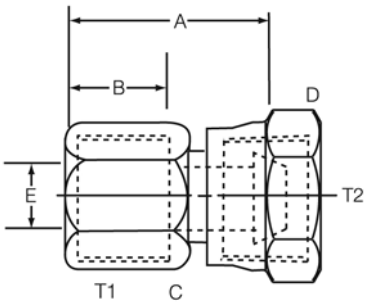
NPSM Female Swivel to NPTF Male T



Style: FNMPT
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142823	04FN-04FN-04MPT	60VC-04X04	1/4 - 18	1/4 - 18	1.19	.78	.56	.69	.69	.23	---	
	142829	06FN-06FN-06MPT	60VC-06X06	3/8 - 18	3/8 - 18	1.50	.89	.56	.87	.87	.34	---	
	142833	08FN-08FN-08MPT	60VC-08X08	1/2 - 14	1/2 - 14	1.81	.94	.75	1.00	1.00	.45	---	
	142841	12FN-12FN-12MPT	60VC-12X12	3/4 - 14	3/4 - 14	2.00	1.12	.75	1.25	1.25	.66	---	
	142846	16FN-16FN-16MPT	60VC-16X16	1 - 11 1/2	1 - 11 1/2	2.37	1.22	.94	1.50	1.50	.84	---	

NPTF Female to NPSM Female Swivel

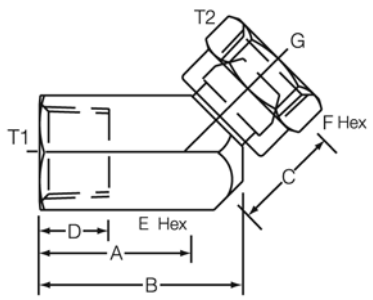


Style: FFFN
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142540	02FF-02FN	60SG-02X02	1/8 - 27	1/8 - 27	.80	.39	.50	.50	.14	---	---	
	142543	04FF-04FN	60SG-04X04	1/4 - 18	1/4 - 18	1.28	.58	.69	.69	.23	---	---	
	142545	06FF-04FN	60SG-06X04	3/8 - 18	1/4 - 18	1.31	.47	.88	.69	.23	---	---	
	142547	04FF-06FN	60SG-04X06	1/4 - 18	3/8 - 18	1.50	.45	.69	.88	.33	---	---	
	142549	06FF-06FN	60SG-06X06	3/8 - 18	3/8 - 18	1.28	.61	.87	.87	.34	---	---	
	142550	08FF-06FN	60SG-08X06	1/2 - 14	3/8 - 18	1.53	.80	1.00	.87	.34	---	---	
	142551	06FF-08FN	60SG-06X08	3/8 - 18	1/2 - 14	1.16	.61	.88	1.00	.47	---	---	
	142552	08FF-08FN	60SG-08X08	1/2 - 14	1/2 - 14	1.50	.80	1.00	1.00	.48	---	---	
	142554	12FF-08FN	60SG-12X08	3/4 - 14	1/2 - 14	1.48	.66	1.25	1.00	.48	---	---	
	142560	12FF-12FN	60SG-12X12	3/4 - 14	3/4 - 14	1.66	.80	1.25	1.25	.66	---	---	
	142562	16FF-12FN	60SG-16X12	1 - 11 1/2	3/4 - 14	1.64	.95	1.50	1.25	.66	---	---	
	142563	12FF-16FN	60SG-12X16	3/4 - 14	1 - 11 1/2	1.44	.80	1.33	1.50	.88	---	---	
	142565	16FF-16FN	60SG-16X16	1 - 11 1/2	1 - 11 1/2	1.66	.95	1.50	1.50	.87	---	---	
	142568	20FF-20FN	60SG-20X20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.91	.98	1.87	1.87	1.12	---	---	
	142571	24FF-24FN	60SG-24X24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	1.94	.98	2.12	2.12	1.37	---	---	
	142574	32FF-32FN	60SG-32X32	2 - 11 1/2	2 - 11 1/2	2.61	1.06	2.62	2.62	1.81	---	---	

D - Discontinued O - Obsolete R - Reinstated

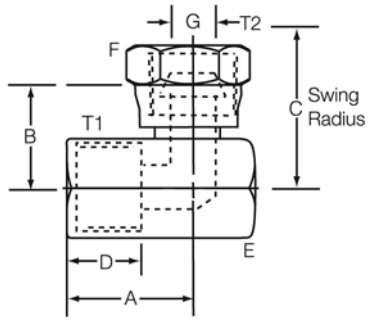
45° NPTF Female to NPSM Female Swivel



Style: FFFN45
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142708	06FF-06FN45	60TG-06X06	3/8 - 18	3/8 - 18	1.00	1.44	.84	.61	.87	.87	.34	
	142711	08FF-08FN45	60TG-08X08	1/2 - 14	1/2 - 14	1.28	1.78	.87	.80	1.00	1.00	.45	
	142719	12FF-12FN45	60TG-12X12	3/4 - 14	3/4 - 14	1.25	1.87	.97	.80	1.25	1.25	.66	
	142724	16FF-16FN45	60TG-16X16	1 - 11/12	1 - 11 1/2	1.44	2.19	1.01	.95	1.50	1.50	.84	

90° NPTF Female to NPSM Female Swivel



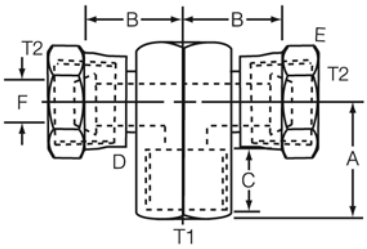
Style: FFFN90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142620	02FF-02FN90	60UG-02X02	1/8 - 27	1/8 - 27	.69	.58	.86	.47	.50	.50	.16	
	142623	04FF-04FN90	60UG-04X04	1/4 - 18	1/4 - 18	.94	.80	1.16	.58	.69	.69	.23	
	142625	06FF-04FN90	60UG-06X04	3/8 - 18	1/4 - 18	1.00	.89	1.22	.61	.88	.69	.23	
	142628	06FF-06FN90	60UG-06X06	3/8 - 18	3/8 - 18	1.00	.92	1.34	.61	.87	.87	.34	
	142629	08FF-06FN90	60UG-08X06	1/2 - 14	3/8 - 18	1.11	.98	1.41	.80	1.00	.88	.36	
	142630	06FF-08FN90	60UG-06X08	3/8 - 18	1/2 - 14	1.25	.98	1.34	.61	1.00	1.00	.45	
	142631	08FF-08FN90	60UG-08X08	1/2 - 14	1/2 - 14	1.17	.98	1.44	.80	1.00	1.00	.45	
	142639	12FF-12FN90	60UG-12X12	3/4 - 14	3/4 - 14	1.41	1.16	1.66	.80	1.25	1.25	.66	
	142644	16FF-16FN90	60UG-16X16	1 - 11 1/2	1 - 11 1/2	1.69	1.28	1.86	.95	1.50	1.50	.84	
	142647	20FF-20FN90	60UG-20X20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.94	1.78	2.22	.98	2.50	1.87	1.12	

D - Discontinued O - Obsolete R - Reinstated

ADAPTERS

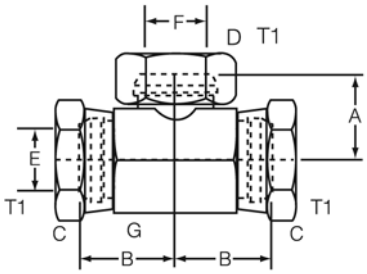
NPSM Female Swivel to NPTF Female T



Style: FNFFT
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142860	04FN-04FN-04FFT	60VH-04X04	1/4 -18	1/4 -18	.94	.78	.58	.69	.69	.23	---	
	142865	06FN-06FN-06FFT	60VH-06X06	3/8 - 18	3/8 - 18	1.00	.89	.61	.87	.87	.34	---	
	142868	08FN-08FN-08FFT	60VH-08X08	1/2 - 14	1/2 - 14	1.17	.94	.80	1.00	1.00	.45	---	
	142880	16FN-16FN-16FFT	60VH-16X16	1 - 11 1/2	1 - 11 1/2	1.69	1.22	.95	1.50	1.50	.84	---	

NPSM Female Swivel T

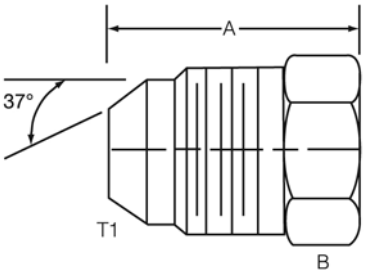


Style: FNT
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142901	04FNT	60VJ-04	1/4 - 18	---	.80	.86	.69	.69	.23	.23	.69	
	142903	06FNT	60VJ-06	3/8 - 18	---	.92	.94	.88	.88	.34	.34	.88	
	142904	08FNT	60VJ-08	1/2 - 14	---	.98	1.08	1.00	1.00	.48	.45	1.00	
	142906	12FNT	60VJ-12	3/4 - 14	---	1.13	1.31	1.25	1.25	.66	.66	1.25	

D - Discontinued O - Obsolete R - Reinstated

Male 37° Flare (JIC) Plug



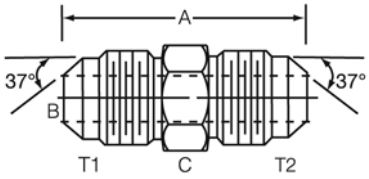
Style: MJ-PLUG
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143923	02MJ-PLUG	839-FS-02	5/16 - 24	---	.70	.44	---	---	---	---	---	
	143924	03MJ-PLUG	839-FS-03	3/8 - 24	---	.73	.44	---	---	---	---	---	
	143925	04MJ-PLUG	839-FS-04	7/16 - 20	---	.80	.50	---	---	---	---	---	
	143926	05MJ-PLUG	839-FS-05	1/2 - 20	---	.80	.56	---	---	---	---	---	
	143927	06MJ-PLUG	839-FS-06	9/16 - 18	---	.84	.62	---	---	---	---	---	
	143928	08MJ-PLUG	839-FS-08	3/4 - 16	---	.94	.81	---	---	---	---	---	
	143929	10MJ-PLUG	839-FS-10	7/8 - 14	---	1.09	.94	---	---	---	---	---	
	143930	12MJ-PLUG	839-FS-12	1 1/16 - 12	---	1.28	1.12	---	---	---	---	---	
	143931	14MJ-PLUG	839-FS-14	1 3/16 - 12	---	1.31	1.25	---	---	---	---	---	
	143932	16MJ-PLUG	839-FS-16	1 5/16 - 12	---	1.33	1.37	---	---	---	---	---	
	143933	20MJ-PLUG	839-FS-20	1 5/8 - 12	---	1.45	1.69	---	---	---	---	---	
	143934	24MJ-PLUG	839-FS-24	1 7/8 - 12	---	1.66	2.00	---	---	---	---	---	
	143935	32MJ-PLUG	839-FS-32	2 1/2 - 12	---	2.05	2.62	---	---	---	---	---	

O - Obsolete R - Reinstated

Male 37° Flare (JIC) Union

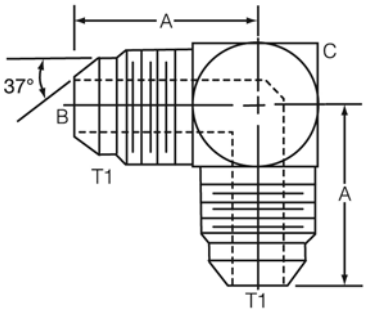
Style: MJU
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143662	04MJ-04MJ	842-FS-04	7/16 - 20	7/16 - 20	1.37	.17	.50	---	---	---	---	
	143664	06MJ-04MJ	842-FS-06X04	9/16 - 18	7/16 - 20	1.41	.30	.63	---	---	---	---	
	143666	05MJ-05MJ	842-FS-05	1/2 - 20	1/2 - 20	1.37	.23	.56	---	---	---	---	
	143669	06MJ-06MJ	842-FS-06	9/16 - 18	9/16 - 18	1.14	.30	.63	---	---	---	---	
	143670	08MJ-06MJ	842-FS-08X06	3/4 - 16	9/16 - 18	1.52	.39	.81	---	---	---	---	
	143672	08MJ-08MJ	842-FS-08	3/4 - 16	3/4 - 16	1.62	.39	.81	---	---	---	---	
	143672A	10MJ-06MJ	842-FS-10X06	7/8 - 14	9/16 - 18	1.69	.30	.94	---	---	---	---	
	143673	10MJ-08MJ	842-FS-10X08	7/8 - 14	3/4 - 16	1.78	.48	.94	---	---	---	---	
	143676	10MJ-10MJ	842-FS-10	7/8 - 14	7/8 - 14	1.88	.48	.94	---	---	---	---	
	143677	12MJ-10MJ	842-FS-12X10	1 1/16 - 12	7/8 - 14	2.05	.61	1.13	---	---	---	---	
	143678	12MJ-08MJ	842-FS-12X08	1 1/16 - 12	3/4 - 16	1.95	.61	1.13	---	---	---	---	
	143680	12MJ-12MJ	842-FS-12	1/16 - 12	1 1/16 - 12	2.16	.61	1.13	---	---	---	---	
	143681	14MJ-14MJ	842-FS-14	1 3/16 - 12	1 3/16 - 12	2.21	.72	1.25	---	---	---	---	
	143682	16MJ-12MJ	842-FS-16X12	1 5/16 - 12	1 1/16 - 12	2.25	.84	1.38	---	---	---	---	
	143688	16MJ-16MJ	842-FS-16	1 5/16 - 12	1 5/16 - 12	2.25	.84	1.38	---	---	---	---	
	143689	20MJ-16MJ	842-FS-20X16	1 5/8 - 12	1 5/16 - 12	2.38	1.08	1.69	---	---	---	---	
	143691	20MJ-20MJ	842-FS-20	1 5/8 - 12	1 5/8 - 12	2.43	1.00	1.69	---	---	---	---	

O - Obsolete R - Reinstated

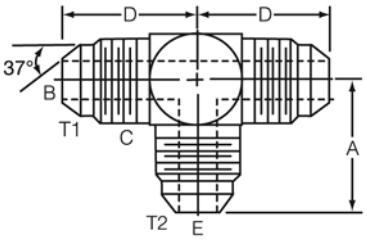
90° Male 37° Flare (JIC) Union



Style: MJ90
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144055	04MJ-04MJ90	855-FS-04	7/16 - 20	---	.89	.17	.50	---	---	---	---	
	144056	05MJ-05MJ90	855-FS-05	1/2 - 20	---	.95	.23	.56	---	---	---	---	
	144057	06MJ-06MJ90	855-FS-06	9/16 - 18	---	1.06	.30	.62	---	---	---	---	
	144058	08MJ-08MJ90	855-FS-08	3/4 - 16	---	1.25	.39	.81	---	---	---	---	
	144059	10MJ-10MJ90	855-FS-10	7/8 - 14	---	1.45	.48	.94	---	---	---	---	
	144060	12MJ-12MJ90	855-FS-12	1 1/16 - 12	---	1.66	.61	1.12	---	---	---	---	
	144062	16MJ-16MJ90	855-FS-16	1 5/16 - 12	---	1.81	.84	1.38	---	---	---	---	
	144063	20MJ-20MJ90	855-FS-20	1 5/8 - 12	---	2.06	1.08	1.75	---	---	---	---	
	144068A	32MJ-32MJ90	855-FS-32	2 1/2 - 12	---	3.06	1.78	2.62	---	---	---	---	

Male 37° Flare (JIC) T

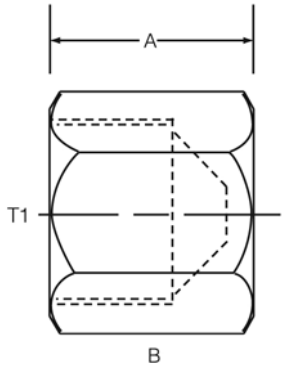


Style: MJT
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144429	03MJ-03MJ-03MJT	844-FS-03	3/8 - 24	3/8 - 24	.83	.12	.44	.83	.12	---	---	
	144430	04MJ-04MJ-04MJT	844-FS-04	7/16 - 20	7/16 - 20	.89	.17	.50	.89	.17	---	---	
	144431	05MJ-05MJ-05MJT	844-FS-05	1/2 - 20	1/2 - 20	.95	.23	.56	.95	.23	---	---	
	144432	06MJ-06MJ-06MJT	844-FS-06	9/16 - 18	9/16 - 18	1.06	.30	.56	1.06	.30	---	---	
	144432A	06MJ-06MJ-08MJT	844-FS-06X06X08	9/16 - 18	3/4 - 16	1.25	.30	.81	1.16	.39	---	---	
	144433	08MJ-08MJ-08MJT	844-FS-08	3/4 - 16	3/4 - 16	1.25	.39	.75	1.25	.39	---	---	
	144434	10MJ-10MJ-10MJT	844-FS-10	7/8 - 14	7/8 - 14	1.45	.48	.88	1.45	.48	---	---	
	144434A	10MJ-10MJ-08MJT	844-FS-10X10X08	7/8 - 14	3/4 - 16	1.31	.48	.94	1.45	.39	---	---	
	144435	12MJ-12MJ-12MJT	844-FS-12	1 1/16 - 12	1 1/16 - 12	1.66	.61	1.12	1.66	.61	---	---	
	144437	16MJ-16MJ-16MJT	844-FS-16	1 5/16 - 12	1 5/16 - 12	1.81	.84	1.31	1.81	.84	---	---	
	144437A	16MJ-16MJ-12MJT	844-FS-16X16X12	1 5/16 - 12	1 1/16 - 12	1.79	.84	1.38	1.81	.61	---	---	
	144438A	20MJ-16MJ-16MJT	844-FS-20X16X16	1 5/8 - 12	1 5/16 - 12	2.02	.94	1.75	2.06	.84	---	---	

O - Obsolete R - Reinstated

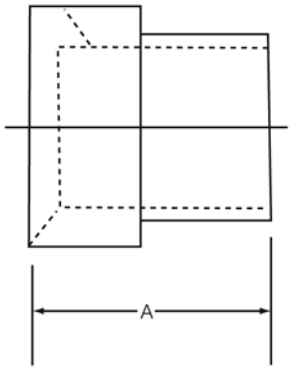
Female 37° Flare (JIC) Cap Nut



Style: FJ-CAP
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143103	02FJ-CAP	830-FS-02	5/16 - 24	---	.50	.37	---	---	---	---	---	
	143104	03FJ-CAP	830-FS-03	3/8 - 24	---	.56	.44	---	---	---	---	---	
	143105	04FJ-CAP	830-FS-04	7/16 - 20	---	.59	.56	---	---	---	---	---	
	143106	05FJ-CAP	830-FS-05	1/2 - 20	---	.61	.62	---	---	---	---	---	
	143107	06FJ-CAP	830-FS-06	9/16 - 18	---	.62	.69	---	---	---	---	---	
	143108	08FJ-CAP	830-FS-08	3/4 - 16	---	.75	.87	---	---	---	---	---	
	143109	10FJ-CAP	830-FS-10	7/8 - 14	---	.84	1.00	---	---	---	---	---	
	143110	12FJ-CAP	830-FS-12	1 1/16 - 12	---	.91	1.25	---	---	---	---	---	
	143111	14FJ-CAP	830-FS-14	1 3/16 - 12	---	.97	1.37	---	---	---	---	---	
	143112	16FJ-CAP	830-FS-16	1 5/16 - 12	---	1.01	1.50	---	---	---	---	---	
	143113	20FJ-CAP	830-FS-20	1 5/8 - 12	---	1.06	2.00	---	---	---	---	---	
	143114	24FJ-CAP	830-FS-24	1 7/8 - 12	---	1.19	2.25	---	---	---	---	---	
	143115	32FJ-CAP	830-FS-32	2 1/2 - 12	---	1.44	2.87	---	---	---	---	---	

37° Flare (JIC) Sleeve (For use with JIC Nut)

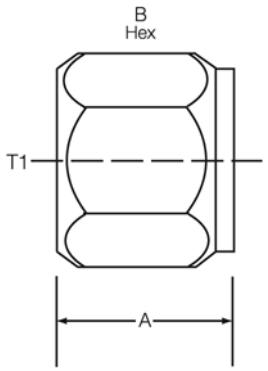


Style: JIC-SLEEVE
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144681	04J-SLEEVE	840-FS-04	---	---	.41	---	---	---	---	---	---	
	144681A	05J-SLEEVE	840-FS-05	---	---	.44	---	---	---	---	---	---	
	144682	06J-SLEEVE	840-FS-06	---	---	.50	---	---	---	---	---	---	
	144683	08J-SLEEVE	840-FS-08	---	---	.56	---	---	---	---	---	---	
	144684	10J-SLEEVE	840-FS-10	---	---	.66	---	---	---	---	---	---	
	144685	12J-SLEEVE	840-FS-12	---	---	.69	---	---	---	---	---	---	
	144685A	14J-SLEEVE	840-FS-14	---	---	.75	---	---	---	---	---	---	

O - Obsolete R - Reinstated

37° Flare (JIC) Nut (For use with JIC Sleeve)

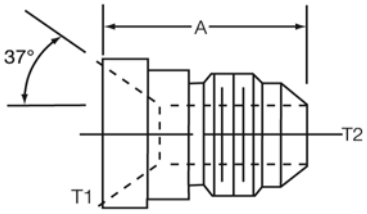


Style: JIC-NUT
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144690	02J-NUT	841-FS-02	5/16 - 24	---	.54	.37	---	---	---	---	---	
	144690A	03J-NUT	841-FS-03	3/8 - 24	---	.60	.44	---	---	---	---	---	
	144691	04J-NUT	841-FS-04	7/16 - 20	---	.61	.56	---	---	---	---	---	
	144691A	05J-NUT	841-FS-05	1/2 - 20	---	.67	.62	---	---	---	---	---	
	144692	06J-NUT	841-FS-06	9/16 - 18	---	.72	.69	---	---	---	---	---	
	144693	08J-NUT	841-FS-08	3/4 - 16	---	.84	.87	---	---	---	---	---	
	144694	10J-NUT	841-FS-10	7/8 - 14	---	.97	1.00	---	---	---	---	---	
	144695	12J-NUT	841-FS-12	1 1/6 - 12	---	1.01	1.25	---	---	---	---	---	
	144695A	14J-NUT	841-FS-14	1 3/16 - 12	---	1.08	1.37	---	---	---	---	---	
	144697	16J-NUT	841-FS-16	1 5/16 - 12	---	1.12	1.50	---	---	---	---	---	

Female 37° Flare (JIC) to Male 37° Flare (JIC) Tube Reducer (Requires JIC Nut)

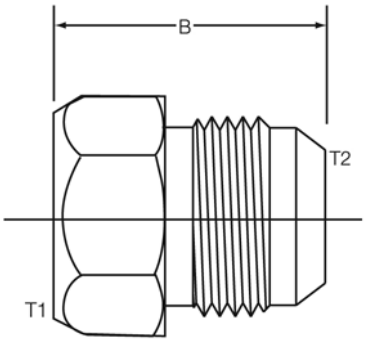
Style: FJMJR
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143885	06FJ-04MJR	883-FS-06X04	9/16 - 18	7/16 - 20	.96	.17	Style A	---	---	---	---	
	143886	08FJ-04MJR	883-FS-08X04	3/4 - 16	7/16 - 20	1.00	.17	Style A	---	---	---	---	
	143890	08FJ-06MJR	883-FS-08X06	3/4 - 16	9/16 - 18	1.00	.29	Style A	---	---	---	---	
	143896	12FJ-08MJR	883-FS-12X08	1 1/16 - 12	3/4 - 16	1.18	.39	Style A	---	---	---	---	
	143900A	14FJ-04MJR	883-FS-14X04	1 3/16 - 12	7/16 - 20	1.10	.17	Style A	---	---	---	---	
	143904	16FJ-12MJR	883-FS-16X12	1 5/16 - 12	1 1/16 - 12	1.46	.60	Style A	---	---	---	---	
R	143907	20FJ-16MJR	883-FS-20X16	1 5/8 - 12	1 5/16 - 12	1.57	.84	Style A	---	---	---	---	
R	143916	20FJ-12MJR	883-FS-20X12	1 5/8 - 12	1 1/16 - 12	1.53	.60	Style A	---	---	---	---	

O - Obsolete R - Reinstated

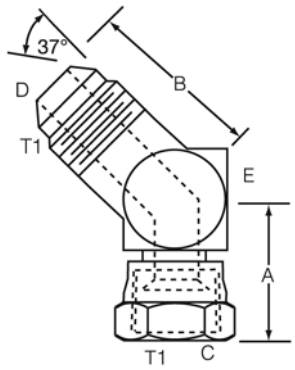
Female 37° Flare (JIC) to Male 37° Flare (JIC) Tube Reducer



Style: FJMJR
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143883	04FJ-06MJR	883-FS-04X06	7/16 -20	9/16 -18	1.14	.17	Style B	---	---	---	---	
	143885A	06FJ-05MJR	883-FS-06X05	9/16 - 18	1/2 - 20	1.26	.23	Style B	---	---	---	---	
	143885B	06FJ-08MJR	883-FS-06X08	9/16 - 18	3/4 - 16	1.25	.30	Style B	---	---	---	---	
	143890A	08FJ-10MJR	883-FS-08X10	3/4 - 16	7/8 - 14	1.39	.39	Style B	---	---	---	---	
	143890B	08FJ-12MJR	883-FS-08X12	3/4 - 16	1 1/16 - 12	1.55	.39	Style B	---	---	---	---	
	143895	10FJ-08MJR	883-FS-10X08	7/8 - 14	3/4 - 16	1.43	.39	Style B	---	---	---	---	
	143895A	10FJ-12MJR	883-FS-10X12	7/8 - 14	1 1/16 - 12	1.74	.61	Style B	---	---	---	---	
	143899	12FJ-10MJR	883-FS-12X10	1 1/16 - 12	7/8 - 14	1.93	.48	Style B	---	---	---	---	
	143900	12FJ-16MJR	883-FS-12X16	1 1/16 -12	1 5/16 - 12	2.00	.61	Style B	---	---	---	---	
	143914	16FJ-20MJR	883-FS-16X20	1 5/16 - 12	1 5/8 - 12	1.88	.84	Style B	---	---	---	---	
	143918	24FJ-20MJR	883-FS-24X20	1 7/8 - 12	1 5/8 - 12	2.20	1.07	Style B	---	---	---	---	

45° Male 37° Flare (JIC) to Female Swivel 37° Flare (JIC)

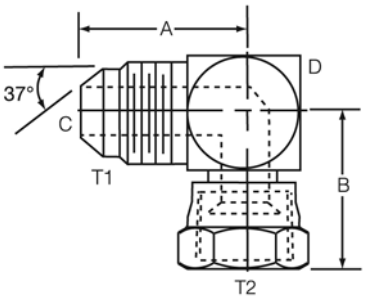


Style: MJFJ45
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145800	04MJ-04FJ45	889-FS-04	7/16 - 20	---	.98	.72	.17	.17	.62	---	---	
	145801	05MJ-05FJ45	889-FS-05	1/2 - 20	---	1.00	.77	.23	.23	.62	---	---	
	145802	06MJ-06FJ45	889-FS-06	9/16 - 18	---	1.19	.83	.30	.30	.81	---	---	
	145803	08MJ-08FJ45	889-FS-08	3/4 - 16	---	1.28	.98	.39	.39	.81	---	---	
	145804	10MJ-10FJ45	889-FS-10	7/8 - 14	---	1.44	1.11	.48	.48	1.00	---	---	
	145805	12MJ-12FJ45	889-FS-12	1 1/16 - 12	---	1.50	1.28	.61	.61	1.25	---	---	
	145807	16MJ-16FJ45	889-FS-16	1 5/16 - 12	---	1.72	1.47	.84	.84	1.50	---	---	
	145808	20MJ-20FJ45	889-FS-20	1 5/8 - 12	---	1.91	1.59	1.08	.97	1.75	---	---	

O - Obsolete R - Reinstated

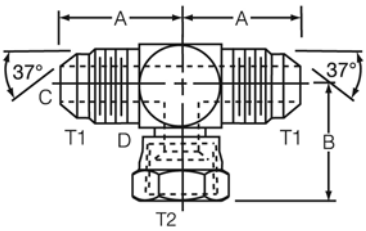
90° Male 37° Flare (JIC) to Female Swivel 37° Flare (JIC)



Style: MJFJ90
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145723	02MJ-02FJ90	879-FS-02	5/16 - 24	5/16 - 24	.76	.97	.06	.44	---	---	---	
	145724	03MJ-03FJ90	879-FS-03	3/8 - 24	3/8 - 24	.83	1.00	.12	.44	---	---	---	
	145725	04MJ-04FJ90	879-FS-04	7/16 - 20	7/16 - 20	.89	1.00	.17	.50	---	---	---	
	145726	05MJ-05FJ90	879-FS-05	1/2 - 20	1/2 - 20	.95	1.06	.23	.56	---	---	---	
	145726A	05MJ-06FJ90	879-FS-05X06	1/2 - 20	9/16 - 18	.95	1.22	.23	.56	---	---	---	
	145727	06MJ-06FJ90	879-FS-06	9/16 - 18	9/16 - 18	1.06	1.25	.30	.62	---	---	---	
	145728	08MJ-08FJ90	879-FS-08	3/4 - 16	3/4 - 16	1.25	1.38	.39	.81	---	---	---	
	145728A	08MJ-06FJ90	879-FS-08X06	3/4 - 16	9/16 - 18	1.25	1.28	.30	.81	---	---	---	
	145729	10MJ-10FJ90	879-FS-10	7/8 - 14	7/8 - 14	1.45	1.62	.48	.94	---	---	---	
	145729A	10MJ-12FJ90	879-FS-10X12	7/8 - 14	1 1/16 - 12	1.55	1.75	.48	1.12	---	---	---	
	145730	12MJ-12FJ90	879-FS-12	1 1/16 - 12	1 1/16 - 12	1.66	1.75	.61	1.12	---	---	---	
	145732	16MJ-16FJ90	879-FS-16	1 5/16 - 12	1 5/16 - 12	1.81	2.00	.84	1.38	---	---	---	
	145733	20MJ-20FJ90	879-FS-20	1 5/8 - 12	1 5/8 - 12	2.06	2.31	1.08	1.75	---	---	---	
R	145734	24MJ-24FJ90	879-FS-24	1 7/8 - 12	7/8 - 12	2.33	2.59	1.31	2.00	---	---	---	

Male 37° Flare (JIC) to Male 37° Flare (JIC) to Female Swivel 37° Flare (JIC) T

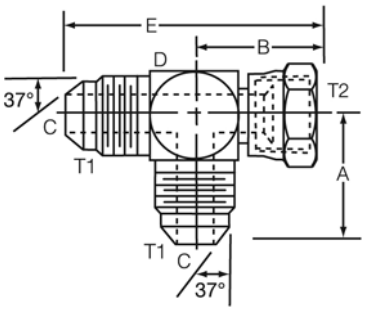


Style: MJFJT
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145817	06MJ-06MJ-06FJT	872-FS-06	9/16 - 18	9/16 - 18	1.06	1.25	.30	.62	---	---	---	
	145818	08MJ-08MJ-08FJT	872-FS-08	3/4 - 16	3/4 - 16	1.25	1.38	.39	.81	---	---	---	
	145819	10MJ-10MJ-10FJT	872-FS-10	7/8 - 14	7/8 - 14	1.45	1.62	.48	.94	---	---	---	
	145820	12MJ-12MJ-12FJT	872-FS-12	1 1/16 - 12	1 1/16 - 12	1.66	1.75	.61	1.12	---	---	---	
	145822	16MJ-16MJ-16FJT	872-FS-16	1 5/16 - 12	1 5/16 - 12	1.81	2.00	.84	1.38	---	---	---	

O - Obsolete R - Reinstated

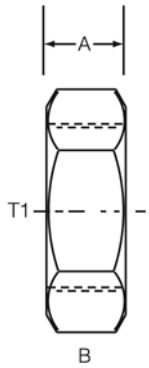
Male 37° Flare (JIC) to Female Swivel 37° Flare (JIC) to Male 37° Flare (JIC) T



Style: 871FS
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145830	04MJ-04FJ-04MJT	871-FS-04	7/16 - 20	7/16 - 20	.89	1.00	.17	.50	1.89	---	---	
	145832	06MJ-06FJ-06MJT	871-FS-06	9/16 - 18	9/16 - 18	1.06	1.25	.30	.63	2.31	---	---	
	145833	08MJ-08FJ-08MJT	871-FS-08	3/4 - 16	3/4 - 16	1.25	1.37	.39	.81	2.62	---	---	
	145834	10MJ-10FJ-10MJT	871-FS-10	7/8 - 14	7/8 - 14	1.45	1.62	.48	.93	3.07	---	---	
	145835	12MJ-12FJ-12MJT	871-FS-12	1 1/16 - 12	1 1/16 - 12	1.65	1.75	.61	1.13	3.41	---	---	
	145836	14MJ-14FJ-14MJT	871-FS-14	1 3/16 - 12	1 3/16 - 12	1.73	1.78	.71	1.25	3.51	---	---	
	145837	16MJ-16FJ-16MJT	871-FS-16	1 5/16 - 12	1 5/16 - 12	1.81	2.00	.84	1.38	3.81	---	---	
	145838	20MJ-20FJ-20MJT	871-FS-20	1 5/8 - 12	1 5/8 - 12	2.06	2.31	1.07	1.75	4.37	---	---	

Lock Nut



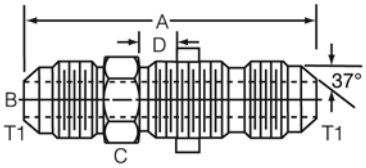
Style: LNUT
Series: Miscellaneous
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143090	04-LNUT	711-FSO-04	7/16 - 20	---	.25	.56	---	---	---	---	---	
	143093	08-LNUT	711-FSO-08	3/4 - 16	---	.31	.87	---	---	---	---	---	
	143094	10-LNUT	711-FSO-10	7/8 - 14	---	.36	1.00	---	---	---	---	---	
	143095	12-LNUT	711-FSO-12	1 1/16 - 12	---	.40	1.25	---	---	---	---	---	

O - Obsolete

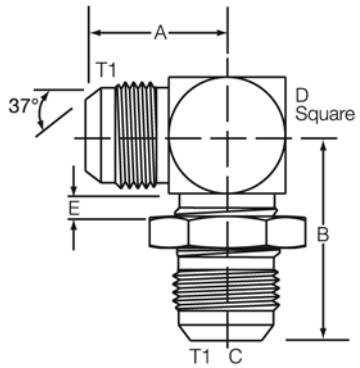
Male 37° Flare (JIC) to Bulkhead Male 37° Flare (JIC)

Style: MJBH
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144580	04MJ-04MJBH	832-FS-04	7/16 - 20	---	2.07	.17	.69	.28	---	---	---	
	144582	06MJ-06MJBH	832-FS-06	9/16 - 18	---	2.18	.30	.81	.28	---	---	---	
	144583	08MJ-08MJBH	832-FS-08	3/4 - 16	---	2.44	.39	1.00	.31	---	---	---	
	144584	10MJ-10MJBH	832-FS-10	7/8 - 14	---	2.74	.48	1.12	.31	---	---	---	
	144585	12MJ-12MJBH	832-FS-12	1 1/16 - 12	---	3.09	.61	1.37	.31	---	---	---	
	144587	16MJ-16MJBH	832-FS-16	1 5/16 - 12	---	3.14	.84	1.63	.31	---	---	---	
	144588	20MJ-20MJBH	832-FS-20	1 5/8 - 12	---	3.31	1.08	1.87	.41	---	---	---	

90° Male 37° Flare (JIC) to Bulkhead Male 37° Flare (JIC)

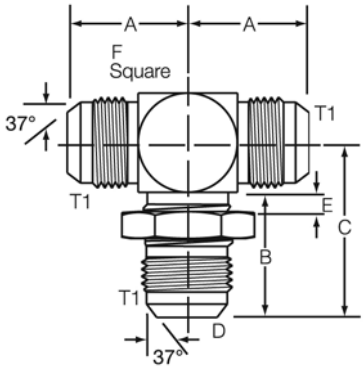


Style: MJBH90
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144600	04MJ-04MJBH90	855BH-FS-04	7/16 - 20	---	.97	1.59	.17	.56	.28	---	---	
	144602	06MJ-06MJBH90	855BH-FS-06	9/16 - 18	---	1.09	1.81	.30	.56	.28	---	---	
	144603	08MJ-08MJBH90	855BH-FS-08	3/4 - 16	---	1.25	2.11	.39	.81	.31	---	---	
	144604	10MJ-10MJBH90	855BH-FS-10	7/8 - 14	---	1.45	2.39	.48	.94	.31	---	---	
	144605	12MJ-12MJBH90	855BH-FS-12	1 1/16 - 12	---	1.66	2.67	.61	1.12	.31	---	---	
	144607	16MJ-16MJBH90	855BH-FS-16	1 5/16 - 12	---	1.81	2.80	.84	1.38	.31	---	---	

O - Obsolete R - Reinstated

Male 37° Flare (JIC) to Male 37° Flare (JIC) to Bulkhead Male 37° Flare (JIC) T



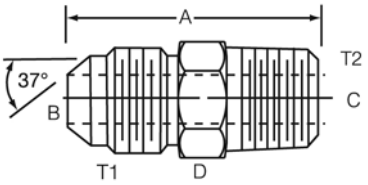
Style: MJBHT
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
R	144640	04MJ-04MJ-04MJBHT	870-FS-04	7/16 - 20	---	.97	1.10	1.59	.17	.28	.50	---	
R	144641	05MJ-05MJ-05MJBHT	870-FS-05	1/2 - 20	---	1.03	1.10	1.62	.23	.28	.56	---	
	144642	06MJ-06MJ-06MJBHT	870-FS-06	9/16 - 18	---	1.09	1.18	1.81	.29	.28	.63	---	
	144644	08MJ-08MJ-08MJBHT	870-FS-08	3/4 - 16	---	1.36	1.37	2.10	.39	.31	.81	---	
	144644A	10MJ-10MJ-10MJBHT	870-FS-10	7/8 - 14	---	1.56	1.51	2.39	.48	---	---	---	
	144646	12MJ-12MJ-12MJBHT	870-FS-12	1 1/16 - 12	---	1.78	1.68	2.67	.60	.31	1.13	---	

O - Obsolete R - Reinstated

Male 37° Flare (JIC) to NPTF Male

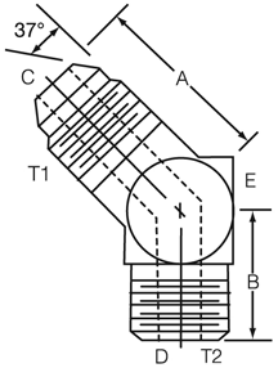
Style: MJMP
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143720	02MJ-02MP	848-FS-02X02	5/16 - 24	1/8 - 27	1.11	.06	.19	.44	---	---	---	
	143720A	03MJ-02MP	848-FS-03X02	3/8 - 24	1/8 - 27	1.14	.12	.19	.44	---	---	---	
	143721	04MJ-02MP	848-FS-04X02	7/16 - 20	1/8 - 27	1.22	.17	.17	.50	---	---	---	
	143722	05MJ-02MP	848-FS-05X02	1/2 - 20	1/8 - 27	1.22	.23	.23	.56	---	---	---	
	143723	06MJ-02MP	848-FS-06X02	9/16 - 18	1/8 - 27	1.25	.30	.19	.62	---	---	---	
	143724	04MJ-08MP	848-FS-04X08	7/16 - 20	1/2 - 14	1.67	.17	.53	.88	---	---	---	
	143725	04MJ-04MP	848-FS-04X04	7/16 - 20	1/4 - 18	1.42	.17	.28	.56	---	---	---	
	143726	05MJ-04MP	848-FS-05X04	1/2 - 20	1/4 - 18	1.42	.23	.28	.56	---	---	---	
	143727	06MJ-04MP	848-FS-06X04	9/16 - 18	1/4 - 18	1.43	.30	.30	.62	---	---	---	
	143728	08MJ-04MP	848-FS-08X04	3/4 - 16	1/4 - 18	1.53	.39	.28	.81	---	---	---	
	143729	04MJ-06MP	848-FS-04X06	7/16 -20	3/8 - 18	1.42	.17	.41	.75	---	---	---	
	143730	05MJ-06MP	848-FS-05X06	1/2 - 20	3/8 - 18	1.42	.23	.42	.75	---	---	---	
	143731	06MJ-06MP	848-FS-06X06	9/16 - 18	3/8 - 18	1.43	.30	.30	.75	---	---	---	
	143732	08MJ-06MP	848-FS-08X06	3/4 - 16	3/8 - 18	1.53	.39	.39	.81	---	---	---	
	143733	10MJ-06MP	848-FS-10X06	7/8 - 14	3/8 - 18	1.70	.48	.41	.94	---	---	---	
	143735	06MJ-08MP	848-FS-06X08	9/16 - 18	1/2 - 14	1.69	.30	.48	.88	---	---	---	
	143735A	06MJ-12MP	848-FS-06X12	9/16 - 18	3/4 - 14	1.75	.30	.72	1.13	---	---	---	
	143736	08MJ-08MP	848-FS-08X08	3/4 - 16	1/2 - 14	1.79	.39	.39	.88	---	---	---	
	143737	10MJ-08MP	848-FS-10X08	7/8 - 14	1/2 - 14	1.89	.48	.48	.94	---	---	---	
	143738	12MJ-08MP	848-FS-12X08	1 1/16 - 12	1/2 - 14	2.06	.61	.53	1.12	---	---	---	
	143742	08MJ-12MP	848-FS-08X12	3/4 - 16	3/4 - 14	1.85	.39	.72	1.12	---	---	---	
	143742A	08MJ-16MP	848-FS-08X16	3/4 - 16	1 - 11 1/2	2.05	.39	.94	1.37	---	---	---	
	143743	10MJ-12MP	848-FS-10X12	7/8 - 14	3/4 - 14	1.95	.48	.48	1.12	---	---	---	
	143743A	12MJ-02MP	848-FS-12X02	1 1/16 - 12	1/8 - 27	1.69	.61	.19	1.12	---	---	---	
	143744	12MJ-12MP	848-FS-12X12	1 1/16 - 12	3/4 - 14	2.06	.61	.72	1.12	---	---	---	
	143745	14MJ-12MP	848-FS-14X12	1 3/16 - 12	3/4 - 14	2.09	.72	.72	1.25	---	---	---	
	143746	16MJ-12MP	848-FS-16X12	1 5/16 - 12	3/4 - 14	2.11	.84	.72	1.37	---	---	---	
	143747	12MJ-16MP	848-FS-12X16	1 1/16 - 12	1 - 11 1/2	2.25	.61	.93	1.37	---	---	---	
	143749	16MJ-16MP	848-FS-16X16	1 5/16 - 12	1 - 11 1/2	2.30	.84	.94	1.37	---	---	---	
	143750	20MJ-16MP	848-FS-20X16	1 5/8 - 12	1 - 11 1/2	2.42	1.07	.93	1.68	---	---	---	
	143751	16MJ-20MP	848-FS-16X20	1 5/16 - 12	1 1/4 - 11 1/2	2.39	.84	.52	1.08	---	---	---	
	143752	20MJ-20MP	848-FS-20X20	1 5/8 - 12	1 1/4 - 11 1/2	2.45	1.08	1.08	1.69	---	---	---	
	143755	20MJ-24MP	848-FS-20X24	1 5/8 - 12	1 1/2 - 11 1/2	2.55	1.08	1.50	2.00	---	---	---	
	143756	24MJ-24MP	848-FS-24X24	1 7/8 - 12	1 1/2 - 11 1/2	2.68	1.31	1.50	2.62	---	---	---	
	143757	24MJ-32MP	848-FS-24X32	1 7/8 - 12	2 - 11 1/2	2.86	1.31	1.78	2.50	---	---	---	
	143759	32MJ-32MP	848-FS-32X32	2 1/2 - 12	2 - 11 1/2	3.11	1.78	1.78	2.62	---	---	---	

O - Obsolete R - Reinstated

45° Male 37° Flare (JIC) to NPTF Male

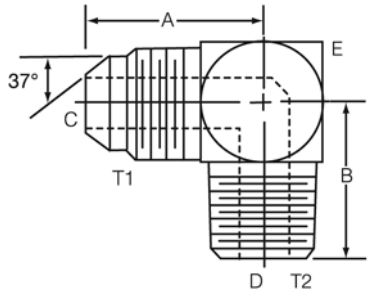


Style: MJMP45
Series: National Pipe Thread with 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144265	04MJ-02MP45	854-FS-04X02	7/16 - 20	1/8 - 27	.73	.64	.17	.19	.56	---	---	
	144268	04MJ-04MP45	854-FS-04X04	7/16 - 20	1/4 - 18	.78	.86	.17	.28	.56	---	---	
	144268A	05MJ-02MP45	854-FS-05X02	1/2 - 20	1/8 - 27	.78	.64	.23	.19	.56	---	---	
	144270	06MJ-04MP45	854-FS-06X04	9/16 - 18	1/4 - 18	.84	.86	.30	.28	.56	---	---	
	144271	08MJ-04MP45	854-FS-08X04	3/4 - 16	1/4 - 18	.94	.95	.39	.30	.81	---	---	
	144273	06MJ-06MP45	854-FS-06X06	9/16 - 18	3/8 - 18	.88	.95	.30	.41	.75	---	---	
	144274	08MJ-06MP45	854-FS-08X06	3/4 - 16	3/8 - 18	.97	.95	.39	.41	.88	---	---	
	144276	06MJ-08MP45	854-FS-06X08	9/16 - 18	1/2 - 14	.88	1.17	.30	.30	1.13	---	---	
	144277	08MJ-08MP45	854-FS-08X08	3/4 - 16	1/2 - 14	.97	1.17	.39	.53	.88	---	---	
	144277A	10MJ-06MP45	854-FS-10X06	7/8 - 14	3/8 - 18	1.11	.98	.48	.41	.94	---	---	
	144278	10MJ-08MP45	854-FS-10X08	7/8 - 14	1/2 - 14	1.08	1.17	.48	.53	.94	---	---	
	144280	12MJ-08MP45	854-FS-12X08	1 1/16 - 12	1/2 - 14	1.22	1.17	.61	.53	1.12	---	---	
	144284	08MJ-12MP45	854-FS-08X12	3/4 - 16	3/4 - 14	1.00	1.20	.39	.39	1.12	---	---	
	144286	12MJ-12MP45	854-FS-12X12	1 1/16 - 12	3/4 - 14	1.28	1.20	.61	.61	1.38	---	---	
	144286A	12MJ-16MP45	854-FS-12X16	1 1/16 - 12	1 - 11 1/2	1.42	1.48	.61	.84	1.50	---	---	
	144288	16MJ-12MP45	854-FS-16X12	1 5/16 - 12	3/4 - 14	1.47	1.29	.84	.72	1.38	---	---	
	144289	16MJ-20MP45	854-FS-16X20	1 5/16 - 12	1 1/4 - 11 1/2	1.55	1.67	.84	1.08	1.75	---	---	
	144291	16MJ-16MP45	854-FS-16X16	1 5/16 - 12	1 - 11 1/2	1.47	1.48	.84	.84	1.50	---	---	

O - Obsolete R - Reinstated

90° Male 37° Flare (JIC) to NPTF Male

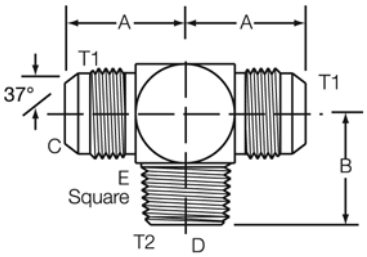


Style: MJMP90
Series: National Pipe Thread with 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144069	02MJ-02MP90	849-FS-02X02	5/16 - 24	1/8 - 27	.77	.72	.06	.13	.44	---	---	
	144069A	03MJ-02MP90	849-FS-03X02	3/8 - 24	1/8 - 27	.83	.72	.12	.19	.37	---	---	
	144070	04MJ-02MP90	849-FS-04X02	7/16 - 20	1/8 - 27	.89	.78	.17	.19	.44	---	---	
	144071	05MJ-02MP90	849-FS-05X02	1/2 - 20	1/8 - 27	.95	.78	.23	.19	.50	---	---	
	144072	06MJ-02MP90	849-FS-06X02	9/16 - 18	1/8 - 27	1.06	.88	.30	.19	.56	---	---	
	144073	04MJ-04MP90	849-FS-04X04	7/16 - 20	1/4 - 18	1.06	1.09	.17	.28	.56	---	---	
	144074	05MJ-04MP90	849-FS-05X04	1/2 - 20	1/4 - 18	1.06	1.09	.23	.28	.56	---	---	
	144075	06MJ-04MP90	849-FS-06X04	9/16 - 18	1/4 - 18	1.06	1.09	.30	.28	.56	---	---	
	144076	08MJ-04MP90	849-FS-08X04	3/4 - 16	1/4 - 18	1.25	1.22	.39	.28	.75	---	---	
	144079	04MJ-06MP90	849-FS-04X06	7/16 - 20	3/8 - 18	1.14	1.22	.17	.41	.75	---	---	
	144080	05MJ-06MP90	849-FS-05X06	1/2 - 20	3/8 - 18	1.13	1.22	.23	.41	.75	---	---	
	144081	06MJ-06MP90	849-FS-06X06	9/16 - 18	3/8 - 18	1.12	1.22	.30	.41	.75	---	---	
	144082	08MJ-06MP90	849-FS-08X06	3/4 - 16	3/8 - 18	1.25	1.22	.39	.41	.75	---	---	
	144083	10MJ-06MP90	849-FS-10X06	7/8 - 14	3/8 - 18	1.45	1.28	.48	.41	.94	---	---	
	144084	04MJ-08MP90	849-FS-04X08	7/16 - 20	1/2 - 14	1.23	1.47	.17	.50	.94	---	---	
	144086	06MJ-08MP90	849-FS-06X08	9/16 - 18	1/2 - 14	1.22	1.47	.30	.53	.88	---	---	
	144086A	06MJ-12MP90	849-FS-06X12	9/16 - 18	3/4 - 14	1.33	1.59	.30	.72	1.13	---	---	
	144087	08MJ-08MP90	849-FS-08X08	3/4 - 16	1/2 - 14	1.33	1.47	.39	.53	.88	---	---	
	144088	10MJ-08MP90	849-FS-10X08	7/8 - 14	1/2 - 14	1.45	1.47	.48	.53	.88	---	---	
	144089	12MJ-08MP90	849-FS-12X08	1 1/16 - 12	1/2 - 14	1.66	1.59	.61	.53	1.06	---	---	
	144093	08MJ-12MP90	849-FS-08X12	3/4 - 16	3/4 - 14	1.41	1.59	.39	.72	1.00	---	---	
	144094	10MJ-12MP90	849-FS-10X12	7/8 - 14	3/4 - 14	1.55	1.59	.48	.61	1.13	---	---	
	144094A	12MJ-06MP90	849-FS-12X06	1 1/16 - 12	3/8 - 18	1.66	1.41	.61	.41	1.13	---	---	
	144095	12MJ-12MP90	849-FS-12X12	1 1/16 - 12	3/4 - 14	1.66	1.59	.61	.72	1.06	---	---	
	144096	14MJ-12MP90	849-FS-14X12	1 3/16 - 12	3/4 - 14	1.73	1.66	.72	.72	1.25	---	---	
	144097	16MJ-12MP90	849-FS-16X12	1 5/16 - 12	3/4 - 14	1.83	1.78	.84	.72	1.31	---	---	
	144099	12MJ-16MP90	849-FS-12X16	1 1/16 - 12	1 - 11 1/2	1.78	1.97	.61	.84	1.38	---	---	
	144101	16MJ-16MP90	849-FS-16X16	1 5/16 - 12	1 - 11 1/2	1.83	1.97	.84	.94	1.31	---	---	
	144101A	16MJ-20MP90	849-FS-16X20	1 5/16 - 12	1 1/4 - 11 1/2	2.00	2.38	.84	1.25	1.75	---	---	
	144102	20MJ-16MP90	849-FS-20X16	1 5/8 - 12	1 - 11 1/2	2.06	2.34	1.08	.94	1.75	---	---	
	144104	20MJ-20MP90	849-FS-20X20	1 5/8 - 12	1 1/4 - 11 1/2	2.06	2.38	1.08	1.09	1.75	---	---	
	144106	24MJ-20MP90	849-FS-24X20	1 7/8 - 12	1 1/4 - 11 1/2	2.33	2.61	1.31	1.25	2.00	---	---	

O - Obsolete R - Reinstated

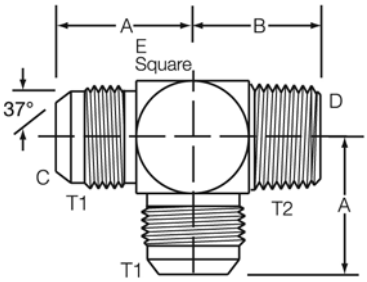
Male 37° Flare (JIC) to Male 37° Flare (JIC) to NPTF Male T



Style: MJMPT
Series: National Pipe Thread with 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144353	04MJ-04MJ-04MPT	845-FS-04X04	7/16 - 20	1/4 - 18	1.08	1.10	.17	.28	.63	---	---	
	144355	06MJ-06MJ-04MPT	845-FS-06X04	9/16 - 18	1/4 - 18	1.06	1.09	.30	.28	.56	---	---	
	144358	06MJ-06MJ-06MPT	845-FS-06X06	9/16 - 18	3/8 - 18	---	---	---	---	---	---	---	
	144359	08MJ-08MJ-06MPT	845-FS-08X06	3/4 - 16	3/8 - 18	1.25	1.22	.39	.41	.81	---	---	
	144361	08MJ-08MJ-08MPT	845-FS-08X08	3/4 - 16	1/2 - 14	1.25	1.47	.39	.50	.94	---	---	
	144362	10MJ-10MJ-08MPT	845-FS-10X08	7/8 - 14	1/2 - 14	1.45	1.47	.48	.50	.94	---	---	

Male 37° Flare (JIC) to NPTF Male to Male 37° Flare (JIC) T

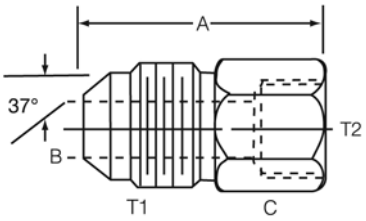


Style: MJMPT
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144450	04MJ-04MP-04MJT	851-FS-04X04	7/16 - 20	1/4 - 18	1.06	1.09	.17	.28	.56	---	---	
	144455	06MJ-06MP-06MJT	851-FS-06X06	9/16 - 18	3/8 - 18	1.14	1.22	.30	.41	.75	---	---	
	144456	08MJ-06MP-08MJT	851-FS-08X06	3/4 - 16	3/8 - 18	1.25	1.22	.39	.41	.75	---	---	
	144458	08MJ-08MP-08MJT	851-FS-08X08	3/4 - 16	1/2 - 14	1.28	1.44	.39	.53	.94	---	---	

O - Obsolete R - Reinstated

Male 37° Flare (JIC) to NPTF Female



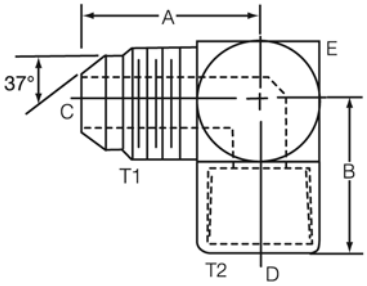
Style: MJFF
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143840	04MJ-02FF	846-FS-04X02	7/16 - 20	1/8 - 27	1.19	.17	.56	---	---	---	---	
	143843	04MJ-04FF	846-FS-04X04	7/16 - 20	1/4 - 18	1.39	.17	.75	---	---	---	---	
	143843A	04MJ-08FF	846-FS-04X08	7/16 - 20	1/2 - 14	1.69	.17	1.12	---	---	---	---	
	143844A	05MJ-02FF	846-FS-05X02	1/2 - 20	1/8 - 27	1.17	.23	.56	---	---	---	---	
	143845	06MJ-04FF	846-FS-06X04	9/16 - 18	1/4 - 18	1.40	.30	.75	---	---	---	---	
	143848	06MJ-06FF	846-FS-06X06	9/16 - 18	3/8 - 18	1.46	.30	.87	---	---	---	---	
	143848A	06MJ-08FF	846-FS-06X08	9/16 - 18	1/2 - 14	1.69	.30	1.12	---	---	---	---	
	143849	08MJ-06FF	846-FS-08X06	3/4 - 16	3/8 - 18	1.56	.39	.87	---	---	---	---	
	143851	10MJ-12FF	846-FS-10X12	7/8 - 14	3/4 - 14	1.87	.48	1.37	---	---	---	---	
	143852	08MJ-08FF	846-FS-08X08	3/4 - 16	1/2 - 14	1.79	.39	1.12	---	---	---	---	
	143853	10MJ-08FF	846-FS-10X08	7/8 - 14	1/2 - 14	1.89	.48	1.12	---	---	---	---	
	143854	12MJ-08FF	846-FS-12X08	1 1/16 - 12	1/2 - 14	2.05	.61	1.13	---	---	---	---	
	143860	12MJ-12FF	846-FS-12X12	1 1/16 - 12	3/4 - 14	2.06	.61	1.37	---	---	---	---	
	143862	16MJ-12FF	846-FS-16X12	1 5/16 - 12	3/4 - 14	2.13	.84	1.38	---	---	---	---	
	143865	16MJ-16FF	846-FS-16X16	1 5/16 - 12	1 - 11 1/2	2.35	.84	1.62	---	---	---	---	
R	143868	20MJ-20FF	846-FS-20X20	1 5/8 - 12	1 1/4 - 11 1/2	2.49	1.08	2.00	---	---	---	---	

O - Obsolete R - Reinstated

ADAPTERS

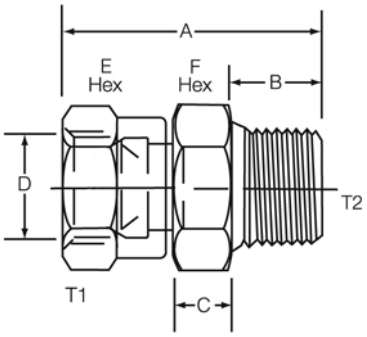
90° Male 37° Flare (JIC) to NPTF Female



Style: MJFF90
Series: National Pipe Thread with 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144228	04MJ-04FF90	850-FS-04X04	7/16 - 20	1/4 - 18	1.16	.88	.17	.34	.75	---	---	
	144229A	05MJ-04FF90	850-FS-05X04	1/2 - 20	1/4 - 18	1.22	.88	.23	.34	.75	---	---	
R	144230	06MJ-04FF90	850-FS-06X04	9/16 - 18	1/4 - 18	1.23	.88	.30	.34	.75	---	---	
	144233	06MJ-06FF90	850-FS-06X06	9/16 - 18	3/8 - 18	1.31	1.02	.30	.39	.87	---	---	
	144233A	08MJ-04FF90	850-FS-08X04	3/4 - 16	1/4 - 18	1.42	1.01	.39	.39	.75	---	---	
	144234	08MJ-06FF90	850-FS-08X06	3/4 - 16	3/8 - 18	1.42	1.02	.39	.39	.87	---	---	
	144236	08MJ-08FF90	850-FS-08X08	3/4 - 16	1/2 - 14	1.52	1.23	.39	.48	1.00	---	---	
	144237	10MJ-08FF90	850-FS-10X08	7/8 - 14	1/2 - 14	1.64	1.23	.48	.48	1.00	---	---	
	144243	12MJ-12FF90	850-FS-12X12	1 1/16 - 12	3/4 - 14	1.89	1.36	.61	.72	1.25	---	---	
	144250	16MJ-16FF90	850-FS-16X16	1 5/16 - 12	1 - 11 1/2	2.17	1.62	.84	.84	1.50	---	---	

Female Swivel 37° Flare (JIC) to NPTF Male



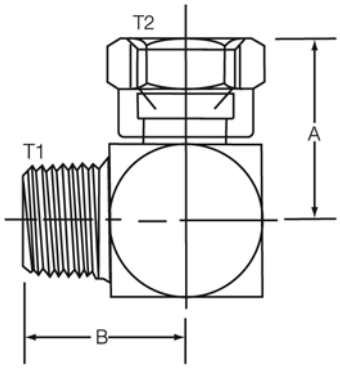
Style: FJMP
Series: National Pipe Thread with 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146290	04FJ-04MP	881-FS-04X04	7/16 - 20	1/4 - 18	1.52	.56	.31	.17	.56	.56	---	
	146291	06FJ-06MP	881-FS-06X06	9/16 - 18	3/8 - 18	1.58	.56	.31	.30	.69	.75	---	
	146292	06FJ-04MP	881-FS-06X04	9/16 - 18	1/4 - 18	1.59	.56	.31	.30	.69	.75	---	
	146295	08FJ-06MP	881-FS-08X06	3/4 - 16	3/8 - 18	1.69	.56	.38	.39	.88	.88	---	
	146296	08FJ-08MP	881-FS-08X08	3/4 - 16	1/2 - 14	1.88	.75	.38	.39	.88	.88	---	
	146297	10FJ-08MP	881-FS-10X08	7/8 - 14	1/2 - 14	1.95	.75	.38	.48	1.00	.94	---	
	146305	12FJ-12MP	881-FS-12X12	1 1/16 - 12	3/4 - 14	2.08	.75	.44	.61	1.25	1.13	---	
	146306	16FJ-16MP	881-FS-16X16	1 5/16 - 12	1 - 11 1/2	2.34	.94	.44	.84	1.50	1.38	---	
	146307	20FJ-20MP	881-FS-20X20	1 5/8 - 12	1/1/4 - 11 1/2	2.72	.97	.51	1.08	2.00	1.69	---	

O - Obsolete R - Reinstated

ADAPTERS

90° NPTF Male to Female Swivel 37° Flare (JIC)

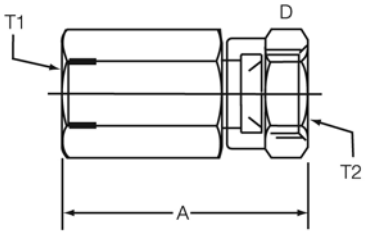


Style: MPFJ90
Series: National Pipe Thread with 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145764	02MP-04FJ90	878-FS-04X02	1/8 - 27	7/16 -20	1.25	1.09	.30	.63	---	---	---	
	145765	04MP-06FJ90	878-FS-06X04	1/4 - 18	9/16 - 18	1.25	1.09	.30	.63	---	---	---	
	145769	06MP-08FJ90	878-FS-08X06	3/8 - 18	3/4 - 16	1.38	1.22	.39	.81	---	---	---	
	145770	08MP-08FJ90	878-FS-08X08	1/2 - 14	3/4 - 16	1.44	1.47	.39	.94	---	---	---	
	145773	08MP-10FJ90	878-FS-10X08	1/2 - 14	7/8 - 14	1.63	1.47	.48	.94	---	---	---	
	145780	12MP-12FJ90	878-FS-12X12	3/4 - 14	1 1/16 - 12	1.76	1.58	.61	1.13	---	---	---	
	145783	16MP-16FJ90	878-FS-16X16	1 - 11 1/2	1 5/16 - 12	2.00	1.97	.84	1.38	---	---	---	

NPTF Female to Female Swivel 37° Flare (JIC)

Style: FFFJ
Series: National Pipe Thread Adapters
Material: Steel

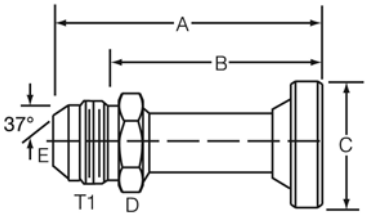


	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142988	02FF-04FJ	882-FS-04X02	1/8 - 27	7/16 - 20	1.28	.17	.63	.56	---	---	---	
	142989	04FF-04FJ	882-FS-04X04	1/4 - 18	7/16 - 20	1.39	.17	.69	.56	---	---	---	
	142994	04FF-06FJ	882-FS-06X04	1/4 - 18	9/16 - 18	1.45	.30	.69	.69	---	---	---	
	142995	06FF-06FJ	882-FS-06X06	3/8 - 18	9/16 - 18	1.62	.30	.88	.69	---	---	---	
	142995A	08FF-06FJ	882-FS-06X08	3/4 - 16	9/16 - 18	1.83	.30	1.00	.69	---	---	---	
	142996	06FF-08FJ	882-FS-08X06	3/8 - 18	3/4 - 16	---	---	---	---	---	---	---	
	142998	08FF-08FJ	882-FS-08X08	1/2 - 14	3/4 - 16	1.88	.39	1.13	.88	---	---	---	
R	143001	10FF-08FJ	882-FS-08X10	7/8 - 14	3/4 - 16	---	---	---	---	---	---	---	
	143003	08FF-10FJ	882-FS-10X08	1/2 - 14	7/8 - 14	1.95	.48	1.13	1.00	---	---	---	
	143006	12FF-12FJ	882-FS-12X12	3/4 - 12	1 1/16 - 12	1.08	.61	1.38	1.25	---	---	---	
	143008	16FF-16FJ	882-FS-16X16	1 - 11 1/2	1 5/16 - 12	2.41	.84	1.63	1.50	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

Male 37° Flare (JIC) to O-Ring Flange (Code 61)

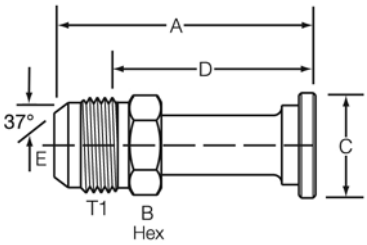
Style: MJC61
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143170	08MJ-08C61	63SB-08X08	3/4 - 16	---	2.34	1.81	1.19	.81	.39	---	---	
	143172	08MJ-12C61	63SB-08X12	3/4 - 16	---	2.34	1.81	1.50	.81	.39	---	---	
	143175A	12MJ-12C61	63SB-12X12	1 1/16 - 12	---	2.66	1.94	1.50	1.12	.61	---	---	
	143178A	12MJ-16C61	63SB-12X16	1 1/16 - 12	---	2.66	1.94	1.75	1.12	.61	---	---	
	143180A	16MJ-16C61	63SB-16X16	1 5/16 - 12	---	2.75	2.00	1.75	1.37	.84	---	---	
	143182	16MJ-20C61	63SB-16X20	1 5/16 - 12	---	2.75	2.00	2.00	1.37	.84	---	---	
	143183	20MJ-20C61	63SB-20X20	1 5/8 - 12	---	3.17	1.75	2.00	2.39	1.08	---	---	

Male 37° Flare (JIC) to O-Ring Flange (Code 61) Long

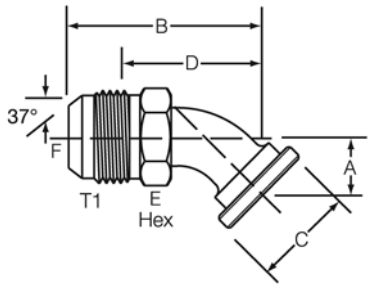
Style: MJC61L
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143192	16MJ-16C61L	63SE-16X16	1 5/16 - 12	---	3.44	1.37	1.75	2.69	.75	---	---	
	143194	20MJ-20C61L	63SE-20X20	1 5/8 - 12	---	3.67	1.75	2.00	2.89	1.00	---	---	

O - Obsolete R - Reinstated

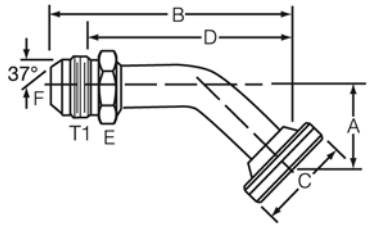
45° Bent Tube Male 37° Flare (JIC) to O-Ring Flange (Code 61)



Style: MJC6145
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143200	08MJ-08C6145	63TB-08X08	3/4 - 16	---	.66	2.11	1.19	1.58	.81	.39	---	
	143205A	12MJ-12C6145	63TB-12X12	1 1/16 - 12	---	.87	2.66	1.50	1.94	1.12	.61	---	
	143208	12MJ-16C6145	63TB-12X16	1 1/16 - 12	---	.87	2.66	1.75	1.94	1.12	.61	---	
	143212A	16MJ-20C6145	63TB-16X20	1 5/16 - 12	---	1.01	2.92	2.00	2.17	1.37	.84	---	
	143213	20MJ-20C6145	63TB-20X20	1 5/8 - 12	---	1.23	3.41	2.00	2.62	1.75	1.08	---	

45° Bent Tube Male 37° Flare (JIC) to O-Ring Flange (Code 61) Long

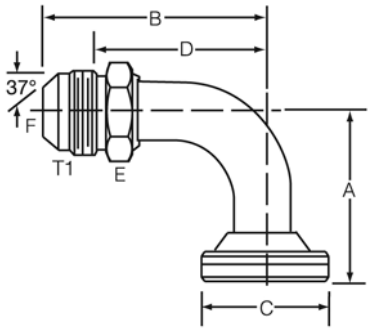


Style: MJC6145L
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143220	12MJ-12C6145L	63TE-12X12	1 1/16 - 12	---	1.08	3.34	1.50	2.62	1.12	.51	---	
	143221	12MJ-16C6145L	63TE-12X16	1 1/16 - 12	---	1.08	3.34	1.75	2.62	1.12	.51	---	
	143223	16MJ-16C6145L	63TE-16X16	1 5/16 - 12	---	1.22	4.00	1.75	3.25	1.37	.75	---	

O - Obsolete R - Reinstated

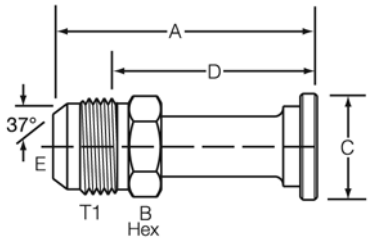
90° Bent Tube Male 37° Flare (JIC) to O-Ring Flange (Code 61)



Style: MJC6190
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143230	08MJ-08C6190	63UB-08X08	3/4 - 16	---	1.25	1.76	1.19	1.23	.81	.39	---	
	143231	08MJ-12C6190	63UB-08X12	3/4 - 16	---	1.97	2.30	1.50	1.76	1.12	.39	---	
	143235A	12MJ-12C6190	63UB-12X12	1 1/16 - 12	---	1.97	2.50	1.50	1.78	1.12	.61	---	
	143237A	12MJ-16C6190	63UB-12X16	1 1/16 - 12	---	1.97	2.50	1.75	1.78	1.12	.61	---	
	143239A	16MJ-16C6190	63UB-16X16	1 5/16 - 12	---	2.33	2.80	1.75	2.05	1.37	.84	---	
	143241A	16MJ-24C6190	63UB-16X24	1 5/16 - 12	---	2.77	3.22	2.37	2.47	1.63	.84	---	
	143241C	20MJ-16C6190	63UB-20X16	1 5/8 - 12	---	2.76	3.26	1.75	2.48	1.75	1.08	---	
	143242	20MJ-20C6190	63UB-20X20	1 5/8 - 12	---	2.76	3.26	2.00	2.48	1.75	1.08	---	
	143244A	20MJ-24C6190	63UB-20X24	1 5/8 - 12	---	2.76	3.26	2.37	2.48	1.75	1.08	---	

Male 37° Flare (JIC) to O-Ring Flange (Code 62)

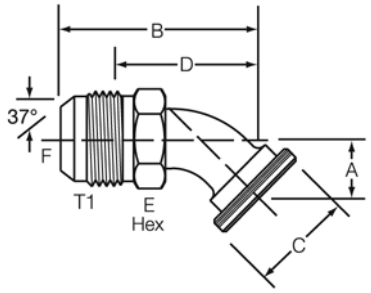


Style: MJC62
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143268	12MJ-16C62	63SF-12X16	1 1/16 - 12	---	3.12	1.12	1.87	2.41	.51	---	---	
	143270	16MJ-16C62	63SF-16X16	1 5/16 - 12	---	3.44	1.37	1.87	2.69	.75	---	---	
	143272	16MJ-20C62	63SF-16X20	1 5/16 - 12	---	3.44	1.37	2.12	2.69	.75	---	---	
	143273	20MJ-20C62	63SF-20X20	1 5/8 - 12	---	3.86	1.75	2.12	3.08	1.00	---	---	

O - Obsolete R - Reinstated

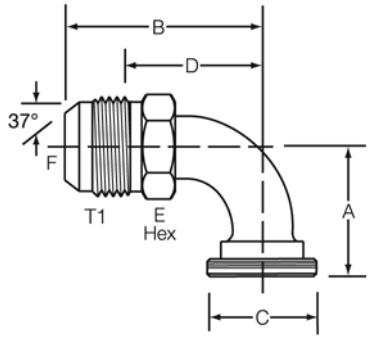
45° Bent Tube Male 37° Flare (JIC) to O-Ring Flange (Code 62)



Style: MJC6245
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143295	12MJ-12C6245	63TF-12X12	1 1/16 - 12	---	1.08	3.34	1.62	2.62	1.12	.51	---	
	143298	12MJ-16C6245	63TF-12X16	1 1/16 - 12	---	1.08	3.34	1.87	2.62	1.12	.51	---	
	143300	16MJ-16C6245	63TF-16X16	1 5/16 - 12	---	1.22	4.00	1.87	3.25	1.37	.75	---	
	143302	16MJ-20C6245	63TF-16X20	1 5/16 - 12	---	1.22	4.00	2.12	3.25	1.37	.75	---	
	143303	20MJ-20C6245	63TF-20X20	1 5/8 - 12	---	1.41	4.66	2.12	3.87	1.75	1.00	---	

90° Bent Tube Male 37° Flare (JIC) to O-Ring Flange (Code 62)



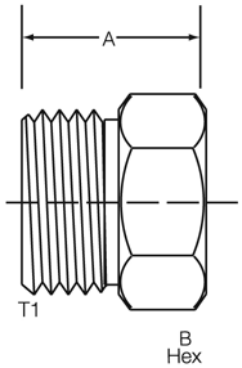
Style: MJC6290
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143325	12MJ-12C6290	63UF-12X12	1 1/16 - 12	---	2.25	3.00	1.62	2.28	1.12	.51	---	
	143328	12MJ-16C6290	63UF-12X16	1 1/16 - 12	---	2.25	3.00	1.87	2.28	1.12	.51	---	
	143329	16MJ-12C6290	63UF-16X12	1 5/16 - 12	---	2.50	3.78	1.62	3.03	1.37	.75	---	
	143330	16MJ-16C6290	63UF-16X16	1 5/16 - 12	---	2.62	3.78	1.87	3.03	1.37	.75	---	
	143332	16MJ-20C6290	63UF-16X20	1 5/16 - 12	---	2.62	3.78	2.12	3.03	1.37	.75	---	
	143332A	20MJ-12C6290	63UF-20X12	1 5/8 - 12	---	2.81	3.45	1.62	2.67	1.75	.75	---	
	143333	20MJ-20C6290	63UF-20X20	1 5/8 - 12	---	3.00	4.36	2.12	3.58	1.75	1.00	---	

O - Obsolete R - Reinstated

ADAPTERS

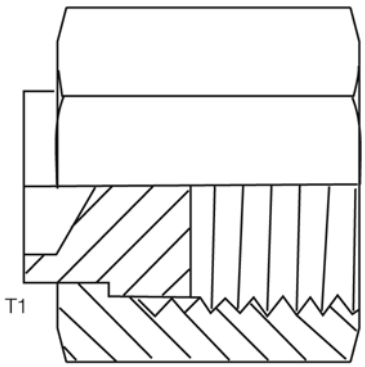
Male O-Ring Face Seal Plug



Style: OM-PLUG
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144650	04OM-PLUG	839-TT-04	9/16 - 18	---	.66	.63	---	---	---	---	---	
	144651	06OM-PLUG	839-TT-06	11/16 - 16	---	.75	.75	---	---	---	---	---	
	144652	08OM-PLUG	839-TT-08	13/16 - 16	---	.86	.88	---	---	---	---	---	
	144653	10OM-PLUG	839-TT-10	1 - 14	---	1.02	1.06	---	---	---	---	---	
	144654	12OM-PLUG	839-TT-12	1 3/16 - 12	---	1.08	1.25	---	---	---	---	---	
	144655	16OM-PLUG	839-TT-16	1 7/16 - 12	---	1.10	1.50	---	---	---	---	---	
	144656	20OM-PLUG	839-TT-20	1 11/16 - 12	---	1.10	1.75	---	---	---	---	---	

O-Ring Face Seal Cap Nut

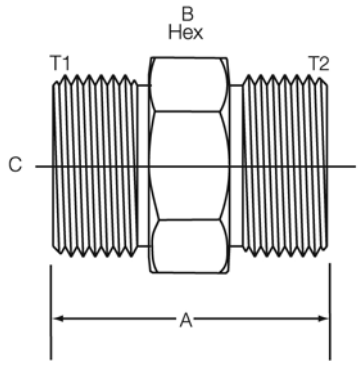


Style: OF-CAP
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143116	04OF-CAP	830-TM-04	9/16 - 18	---	---	---	---	---	---	---	---	
	143117	06OF-CAP	830-TM-06	11/16 - 16	---	---	---	---	---	---	---	---	
	143118	08OF-CAP	830-TM-08	13/16 - 16	---	---	---	---	---	---	---	---	
	143119	10OF-CAP	830-TM-10	1 - 14	---	---	---	---	---	---	---	---	
	143120	12OF-CAP	830-TM-12	1 3/16 - 12	---	---	---	---	---	---	---	---	
	143121	16OF-CAP	830-TM-16	1 7/16 - 12	---	---	---	---	---	---	---	---	
	143122	20OF-CAP	830-TM-20	1 11/16 - 12	---	---	---	---	---	---	---	---	

O - Obsolete R - Reinstated

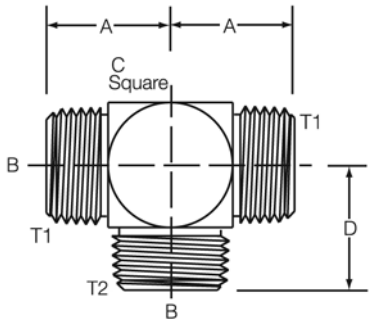
Male O-Ring Face Seal to Male O-Ring Face Seal



Style: OMU
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	143698	04OM-04OM	842-TT-04X04	9/16 - 18	9/16 - 18	1.08	.63	.17	---	---	---	---	
	143699	06OM-06OM	842-TT-06X06	11/16 - 16	11/16 - 16	1.22	.75	.27	---	---	---	---	
	143700	08OM-06OM	842-TT-08X06	13/16 - 16	11/16 - 16	1.33	.88	.26	---	---	---	---	
	143701	08OM-08OM	842-TT-08X08	13/16 - 16	13/16 - 16	1.39	.88	.38	---	---	---	---	
	143701A	10OM-08OM	842-TT-10X08	1 - 14	13/16 - 16	1.58	1.06	.38	---	---	---	---	
	143702	10OM-10OM	842-TT-10X10	1 - 14	1 - 14	1.69	1.06	.48	---	---	---	---	
	143703	12OM-12OM	842-TT-12X12	1 3/16 - 12	1 3/16 - 12	1.86	1.25	.61	---	---	---	---	
	143704	16OM-16OM	842-TT-16X16	1 7/16 - 12	1 7/16 - 12	1.94	1.50	.81	---	---	---	---	

Male O-Ring Face Seal T

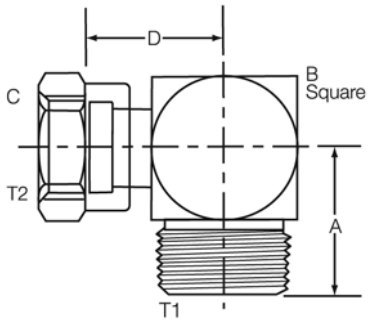


Style: OMT
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144477	04OM-04OM-04OMT	844-TT-04	9/16 - 18	9/16 - 18	.86	.17	.63	.89	---	---	---	
	144479	06OM-06OM-06OMT	844-TT-06	11/16 - 16	11/16 - 16	.98	.27	.75	.98	---	---	---	
	144480	08OM-08OM-08OMT	844-TT-08	13/16 - 16	13/16 - 16	1.10	.38	.88	1.13	---	---	---	
	144481	10OM-10OM-10OMT	844-TT-10	1 - 14	1 - 14	1.31	.48	1.06	1.31	---	---	---	
	144482	10OM-10OM-08OMT	844-TT-10X10X08	1 - 14	13/16 - 16	1.31	.48	1.06	1.23	---	---	---	
	144484	12OM-12OM-12OMT	844-TT-12	1 3/16 - 12	1 3/16 - 12	1.47	.61	1.38	1.48	---	---	---	

O - Obsolete R - Reinstated

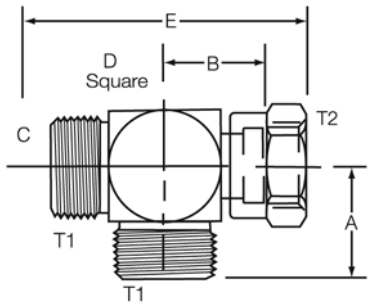
90° Male O-Ring Face Seal to Female Swivel O-Ring Face Seal



Style: OMOF90
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146491	06OM-06OF90	879-TT-06	11/16 - 16	11/16 - 16	.98	.75	.26	1.15	---	---	---	
R	146492	08OM-08OF90	879-TT-08	13/16 - 16	13/16 - 16	1.10	.88	.36	1.49	---	---	---	
	146493	10OM-10OF90	879-TT-10	1 - 14	1 - 14	1.31	1.06	.45	1.62	---	---	---	
	146494	12OM-12OF90	879-TT-12	1 3/16 - 12	1 3/16 - 12	1.47	1.38	.55	1.82	---	---	---	
	146495	16OM-16OF90	879-TT-16	1 7/16 - 12	1 7/16 - 12	1.64	1.63	.78	2.10	---	---	---	
	146496	20OM-20OF90	879-TT-20	1 11/16 - 12	1 11/16 - 12	1.77	2.00	1.02	2.29	---	---	---	

Male O-Ring Face Seal to Female Swivel O-Ring Face Seal to Male O-Ring Face Seal

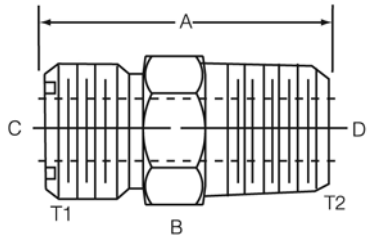


Style: OMOFT
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145841	06OM-06OF-06OMT	871-TT-06	11/16 - 16	11/16 - 16	.98	1.16	.27	.75	2.14	---	---	
	145842	08OM-08OF-08OMT	871-TT-08	13/16 - 16	13/16 - 16	1.10	1.50	.36	.87	2.60	---	---	
	145843	12OM-12OF-12OMT	871-TT-12	1 3/16 - 12	1 3/16 - 12	1.47	1.81	.55	1.37	3.30	---	---	
	145844	16OM-16OF-16OMT	871-TT-16	1 7/16 - 12	1 7/16 -12	1.64	2.09	.78	1.62	3.74	---	---	

O - Obsolete R - Reinstated

Male O-Ring Face Seal to NPTF Male

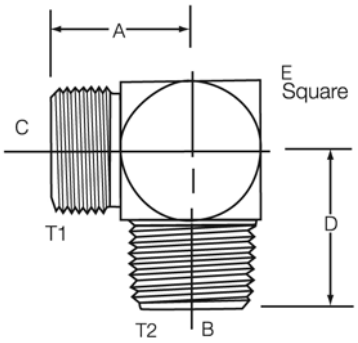


Style: OMMP
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146322	04OM-04MP	848-TT-04X04	9/16 - 18	1/4 - 18	1.23	.63	.17	.28	---	---	---	
	146329	06OM-04MP	848-TT-06X04	11/16 - 16	1/4 - 18	1.30	.75	.27	.27	---	---	---	
	146331	06OM-06MP	848-TT-06X06	11/16 - 16	3/8 - 18	1.30	.75	.27	.38	---	---	---	
	146335	08OM-06MP	848-TT-08X06	13/16 - 16	3/8 - 18	1.47	.88	.38	.38	---	---	---	
	146336	08OM-08MP	848-TT-08X08	13/16 - 16	1/2 - 14	1.61	.88	.38	.38	---	---	---	
	146338	08OM-12MP	848-TT-08X12	13/16 - 16	3/4 - 14	1.73	1.06	.38	.73	---	---	---	
	146340	10OM-08MP	848-TT-10X08	1 - 14	1/2 - 14	1.72	1.06	.48	.55	---	---	---	
	146342	10OM-12MP	848-TT-10X12	1 - 14	3/4 - 14	1.76	1.06	.48	.73	---	---	---	
	146344	12OM-08MP	848-TT-12X08	1 3/16 - 12	1/2 - 14	1.81	1.31	.61	.55	---	---	---	
	146345	12OM-12MP	848-TT-12X12	1 3/16 - 12	3/4 - 14	1.84	1.31	.61	.69	---	---	---	
	146346	12OM-16MP	848-TT-12X16	1 3/16 - 12	1 - 11 1/2	2.03	1.38	.61	.69	---	---	---	
	146347	16OM-12MP	848-TT-16X12	1 7/16 - 12	3/4 - 14	1.86	1.50	.81	.73	---	---	---	
	146350	16OM-16MP	848-TT-16X16	1 7/16 - 12	1 - 11 1/2	2.05	1.56	.81	.88	---	---	---	
	146351	16OM-20MP	848-TT-16X20	1 7/16 - 12	1 1/4 - 11 1/2	2.08	1.75	.81	1.00	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

90° Male O-Ring Face Seal to NPTF Male

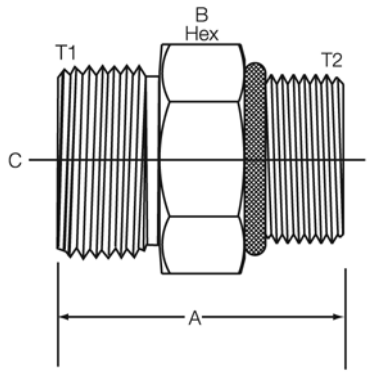


Style: OMMP90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146403	04OM-06MP90	849-TT-04X06	9/16 - 18	3/8 - 18	.93	.17	.26	1.22	.75	---	---	
	146411	06OM-06MP90	849-TT-06X06	11/16 - 16	3/8 - 18	.98	.41	.27	1.22	.75	---	---	
	146416	08OM-08MP90	849-TT-08X08	13/16 - 16	1/2 - 14	1.17	.50	.38	1.47	.94	---	---	
	146417	08OM-12MP90	849-TT-08X12	13/16 - 16	3/4 - 14	1.26	.63	.38	1.59	1.13	---	---	
	146420	10OM-08MP90	849-TT-10X08	1 - 14	1/2 - 14	1.31	.53	.48	1.59	1.38	---	---	
	146422	10OM-12MP90	849-TT-10X12	1 - 14	3/4 - 14	1.42	.63	.48	1.75	1.38	---	---	
	146425	12OM-12MP90	849-TT-12X12	1 3/16 - 12	3/4 - 14	1.48	.63	.61	1.75	1.38	---	---	
	146426	12OM-16MP90	849-TT-12X16	1 3/16 - 12	1 - 11 1/2	1.61	.84	.61	2.03	1.63	---	---	
	146429	16OM-12MP90	849-TT-16X12	1 7/16 - 12	3/4 - 14	1.64	.72	.81	1.84	1.63	---	---	
	146430	16OM-16MP90	849-TT-16X16	1 7/16 - 12	1 - 11 1/2	1.64	.84	.81	2.03	1.63	---	---	

D - Discontinued O - Obsolete R - Reinstated

Male O-Ring Face Seal to Male O-Ring Boss

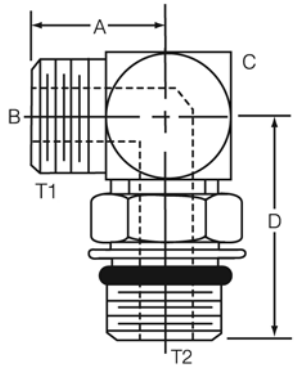


Style: OMOR
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146162	04OM-04OR	848-TTO-04X04	9/16 - 18	7/16 - 20	1.13	.63	.17	---	---	---	---	
	146165	06OM-04OR	848-TTO-06X04	11/16 - 16	7/16 - 20	1.34	.75	.20	---	---	---	---	
	146166	06OM-06OR	848-TTO-06X06	11/16 - 16	9/16 - 18	1.25	.75	.27	---	---	---	---	
	146171	06OM-08OR	848-TTO-06X08	11/16 - 16	3/4 - 16	1.39	.88	.27	---	---	---	---	
	146174	08OM-06OR	848-TTO-08X06	13/16 - 16	9/16 - 18	1.48	.88	.30	---	---	---	---	
	146175	08OM-08OR	848-TTO-08X08	13/16 - 16	3/4 - 16	1.44	.88	.38	---	---	---	---	
	146176	08OM-10OR	848-TTO-08X10	13/16 - 16	7/8 - 14	1.59	1.00	.38	---	---	---	---	
	146177	08OM-12OR	848-TTO-08X12	13/16 - 16	1 1/16 - 12	1.75	1.25	.38	---	---	---	---	
	146181	10OM-08OR	848-TTO-10X08	1 - 14	3/4 - 16	1.78	1.06	.38	---	---	---	---	
	146182	10OM-10OR	848-TTO-10X10	1 - 14	7/8 - 14	1.70	1.06	.48	---	---	---	---	
	146183	10OM-12OR	848-TTO-10X12	1 - 14	1 1/16 - 12	1.86	1.25	.48	---	---	---	---	
	146185	12OM-12OR	848-TTO-12X12	1 3/16 - 12	1 1/16 - 12	1.91	1.25	.61	---	---	---	---	
	146187	12OM-08OR	848-TTO-12X08	1 3/16 - 12	3/4 - 16	1.92	1.25	.38	---	---	---	---	
	146188	12OM-10OR	848-TTO-12X10	1 3/16 - 12	7/8 - 14	1.98	1.25	.48	---	---	---	---	
	146189A	12OM-16OR	848-TTO-12X16	1 3/16 - 12	1 5/16 - 12	1.96	1.50	.61	---	---	---	---	
	146190	16OM-16OR	848-TTO-16X16	1 7/16 - 12	1 5/16 - 12	1.98	1.50	.81	---	---	---	---	
	146192	16OM-12OR	848-TTO-16X12	1 7/16 - 12	1 1/16 - 12	2.14	1.50	.61	---	---	---	---	
	146194	16OM-20OR	848-TTO-16X20	1 7/16 - 12	1 5/8 - 12	1.98	1.88	.81	---	---	---	---	

O - Obsolete R - Reinstated

90° Adjustable Male O-Ring Face Seal to Male ORB



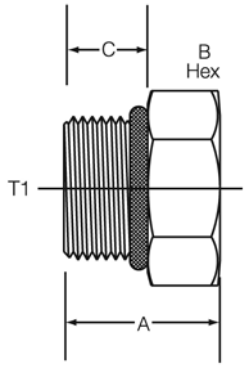
Style: OROM90
Series: Face Seal Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146242	04OM-04OR90	849-TTO-04X04	9/16 - 18	7/16 - 20	.86	.17	.63	1.28	---	---	---	
	146243	04OM-06OR90	849-TTO-04X06	9/16 - 18	9/16 - 18	.92	.17	.75	1.45	---	---	---	
	146244	04OM-08OR90	849-TTO-04X08	9/16 - 18	3/4 - 16	.98	.17	.88	1.59	---	---	---	
	146250	06OM-04OR90	849-TTO-06X04	11/16 - 16	7/16 - 20	.98	.17	.75	1.38	---	---	---	
	146251	06OM-06OR90	849-TTO-06X06	11/16 - 16	9/16 - 18	.98	.27	.75	1.45	---	---	---	
	146252	06OM-08OR90	849-TTO-06X08	11/16 - 16	3/4 - 16	1.05	.27	.88	1.59	---	---	---	
	146253	06OM-10OR90	849-TTO-06X10	11/16 - 16	7/8 - 14	1.14	.27	1.06	1.97	---	---	---	
	146255	08OM-06OR90	849-TTO-08X06	13/16 - 16	9/16 - 18	1.10	.27	.88	1.44	---	---	---	
	146256	08OM-08OR90	849-TTO-08X08	13/16 - 16	3/4 - 16	1.13	.38	.88	1.59	---	---	---	
	146257	08OM-10OR90	849-TTO-08X10	13/16 - 16	7/8 - 14	1.23	.38	1.06	1.97	---	---	---	
	146258	08OM-12OR90	849-TTO-08X12	13/16 - 16	1 1/16 - 12	1.31	.38	1.38	2.19	---	---	---	
	146259	10OM-08OR90	849-TTO-10X08	1 - 14	3/4 - 16	1.31	.39	1.06	1.78	---	---	---	
	146260	10OM-10OR90	849-TTO-10X10	1 - 14	7/8 - 14	1.31	.48	1..06	1.97	---	---	---	
	146263	12OM-08OR90	849-TTO-12X08	1 3/16 - 12	3/4 - 16	1.47	.38	1.38	1.85	---	---	---	
	146264	12OM-10OR90	849-TTO-12X10	1 3/16 - 12	7/8 - 14	1.38	.48	1.38	2.02	---	---	---	
	146265	12OM-12OR90	849-TTO-12X12	1 3/16 - 12	1 1/16 - 12	1.48	.61	1.38	2.17	---	---	---	
	146270	16OM-16OR90	849-TTO-16X16	1 7/16 - 12	1 5/16 - 12	1.64	.81	1.63	2.36	---	---	---	

O - Obsolete R - Reinstated

ADAPTERS

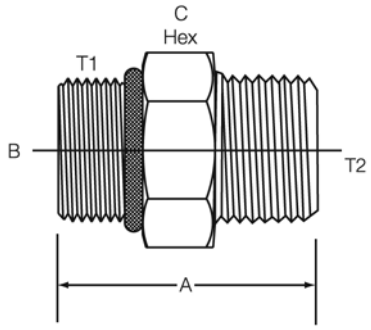
Male ORB Plug



Style: OR-PLUG
Series: O-Ring Boss Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145659	03OR-PLUG	721-FSO-03	3/8 - 24	---	.59	.50	.30	---	---	---	---	
	145660	04OR-PLUG	721-FSO-04	7/16 - 20	---	.67	.56	.36	---	---	---	---	
	145660A	05OR-PLUG	721-FSO-05	1/2 - 20	---	.67	.62	.36	---	---	---	---	
	145662	06OR-PLUG	721-FSO-06	9/16 - 18	---	.73	.69	.39	---	---	---	---	
	145663	08OR-PLUG	721-FSO-08	3/4 - 16	---	.80	.87	.44	---	---	---	---	
	145664	10OR-PLUG	721-FSO-10	7/8 - 14	---	.93	1.00	.50	---	---	---	---	
	145665	12OR-PLUG	721-FSO-12	1 1/16 - 12	---	1.09	1.25	.59	---	---	---	---	
	145667	16OR-PLUG	721-FSO-16	1 5/16 - 12	---	1.12	1.50	.59	---	---	---	---	
	145668	20OR-PLUG	721-FSO-20	1 5/8 - 12	---	1.20	1.87	.59	---	---	---	---	

Male O-Ring Boss to NPTF Male

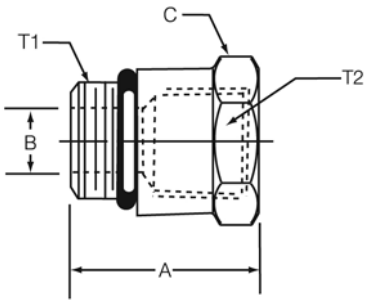


Style: ORMP
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145672	06OR-04MP	722-FSO-06X04	9/16 - 18	1/4 - 18	1.19	.28	.69	---	---	---	---	
	145673	08OR-04MP	722-FSO-08X04	3/4 - 16	1/4 - 18	1.31	.28	.88	---	---	---	---	
	145674	08OR-06MP	722-FSO-08X06	3/4 - 16	3/8 - 18	1.25	.39	.88	---	---	---	---	
	145675	08OR-08MP	722-FSO-08X08	3/4 - 16	1/2 - 14	1.44	.39	.88	---	---	---	---	
	145677	10OR-08MP	722-FSO-10X08	7/8 - 14	1/2 - 14	1.44	.48	1.00	---	---	---	---	
	145678	10OR-12MP	722-FSO-10X12	7/8 - 14	3/4 - 14	1.62	.48	1.06	---	---	---	---	
	145679	12OR-08MP	722-FSO-12X08	1 1/16 - 12	1/2 - 14	1.73	.51	1.25	---	---	---	---	
	145680	12OR-12MP	722-FSO-12X12	1 1/16 - 12	3/4 - 14	1.73	.61	1.25	---	---	---	---	
	145681	16OR-16MP	722-FSO-16X16	1 5/16 - 12	1 - 11 1/2	1.91	.84	1.50	---	---	---	---	
	145682	20OR-20MP	722-FSO-20X20	1 5/8 - 12	1 1/4 - 11 1/2	1.94	1.08	1.88	---	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

Male ORB to NPTF Female

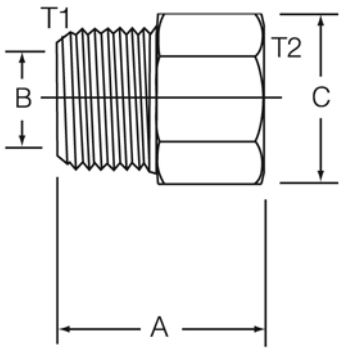


Style: ORFF
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145620	04OR-02FF	720-FSO-04X02	7/16 - 20	1/8 - 27	.97	.20	.63	---	---	---	---	
	145622	04OR-04FF	720-FSO-04X04	7/16 - 20	1/4 - 18	1.06	.20	.75	---	---	---	---	
	145623	04OR-06FF	720-FSO-04X06	7/16 - 20	3/8 - 18	1.22	.20	.88	---	---	---	---	
	145624A	05OR-04FF	720-FSO-05X04	1/2 - 20	1/4 - 18	1.06	.23	.75	---	---	---	---	
	145625	06OR-04FF	720-FSO-06X04	9/16 - 18	1/4 - 18	1.09	.30	.75	---	---	---	---	
	145628	06OR-06FF	720-FSO-06X06	9/16 - 18	3/8 - 18	1.13	.30	.88	---	---	---	---	
	145628A	08OR-04FF	720-FSO-08X04	3/4 - 16	1/4 - 18	1.25	.42	.88	---	---	---	---	
	145629	08OR-06FF	720-FSO-08X06	3/4 - 16	3/8 - 18	1.31	.42	.88	---	---	---	---	
	145630	10OR-06FF	720-FSO-10X06	7/8 - 14	3/8 - 18	1.38	.50	1.00	---	---	---	---	
	145632	08OR-08FF	720-FSO-08X08	3/4 - 16	1/2 - 14	1.34	.42	1.06	---	---	---	---	
	145633	10OR-08FF	720-FSO-10X08	7/8 - 14	1/2 - 14	1.41	.50	1.06	---	---	---	---	
	145634	12OR-08FF	720-FSO-12X08	1 1/16 - 12	1/2 - 14	1.66	.66	1.25	---	---	---	---	
	145635	10OR-12FF	720-FSO-10X12	7/8 - 14	3/4 - 14	1.50	.50	1.25	---	---	---	---	
	145640	12OR-12FF	720-FSO-12X12	1 1/16 - 12	3/4 - 14	1.66	.66	1.38	---	---	---	---	
	145641	14OR-12FF	720-FSO-14X12	1 3/16 - 12	3/4 - 14	1.66	.72	1.37	---	---	---	---	
	145641A	14OR-16FF	720-FSO-14X16	1 3/16 - 12	1 - 11 1/2	2.03	.72	1.62	---	---	---	---	
	145642	16OR-12FF	720-FSO-16X12	1 5/16 - 12	3/4 - 14	1.88	.88	1.50	---	---	---	---	
	145645	16OR-16FF	720-FSO-16X16	1 5/16 - 12	1 - 11 1/2	2.03	.88	1.63	---	---	---	---	
	145646	20OR-16FF	720-FSO-20X16	1 5/8 - 12	1 - 11 1/2	2.09	1.09	1.88	---	---	---	---	
	145648	20OR-20FF	720-FSO-20X20	1 5/8 - 12	1 1/4 - 11 1/2	2.13	1.09	2.00	---	---	---	---	
	145649A	24OR-16FF	720-FSO-24X16	1 7/8 - 12	1 - 11 1/2	2.08	1.12	2.12	---	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

NPTF Male to Female ORB

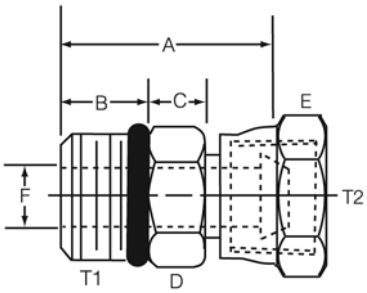


Style: MPFOR
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145584	02MP-05FOR	728-FSO-05X02	1/8 - 27	1/2 - 20	1.09	.20	.75	---	---	---	---	
	145585	04MP-06FOR	728-FSO-06X04	1/4 - 18	9/16 - 18	1.38	.28	.88	---	---	---	---	
	145588	06MP-06FOR	728-FSO-06X06	3/8 - 18	9/16 - 18	1.57	.41	.88	---	---	---	---	
	145589	06MP-08FOR	728-FSO-08X06	3/8 - 18	3/4 - 16	1.50	.41	1.00	---	---	---	---	
	145590	08MP-06FOR	728-FSO-06X08	1/2 - 14	9/16 - 18	1.73	.51	.88	---	---	---	---	
	145590A	12MP-06FOR	728-FSO-06X12	3/4 - 14	9/16 - 18	1.06	.51	1.06	---	---	---	---	
	145591	08MP-08FOR	728-FSO-08X08	1/2 - 14	3/4 - 16	1.69	.53	1.00	---	---	---	---	
	145592	08MP-10FOR	728-FSO-10X08	1/2 - 14	7/8 - 14	1.81	.53	1.25	---	---	---	---	
	145594	16MP-16FOR	728-FSO-16X16	1 - 11 1/2	1 5/16 - 12	2.12	.95	1.62	---	---	---	---	

D - Discontinued O - Obsolete R - Reinstated

Male ORB to NPSM Female Swivel

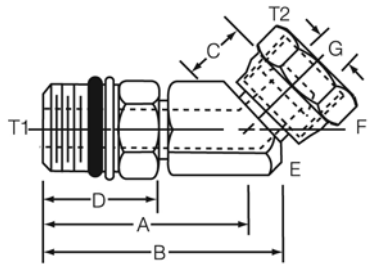


Style: ORFN
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142740	04OR-02FN	60SB-04X02	7/16 - 20	1/8 - 27	.81	.36	.19	.56	.50	.14	---	
	142742	04OR-04FN	60SB-04X04	7/16 - 20	1/4 - 18	.95	.36	.19	.56	.69	.20	---	
	142743	05OR-04FN	60SB-05X04	1/2 - 20	1/4 - 18	.95	.36	.19	.63	.69	.23	---	
	142744	06OR-04FN	60SB-06X04	9/16 - 18	1/4 - 18	1.05	.39	.25	.69	.69	.23	---	
	142745	08OR-04FN	60SB-08X04	3/4 - 16	1/4 - 18	1.16	.44	.31	.88	.69	.23	---	
	142748	06OR-06FN	60SB-06X06	9/16 - 18	3/8 - 18	1.09	.39	.28	.69	.87	.30	---	
	142749	08OR-06FN	60SB-08X06	3/4 - 16	3/8 - 18	1.17	.44	.31	.87	.87	.34	---	
	142750	10OR-06FN	60SB-10X06	7/8 - 14	3/8 - 18	1.23	.50	.31	1.00	.87	.34	---	
	142751	06OR-08FN	60SB-06X08	9/16 - 18	1/2 - 14	1.27	.51	.38	.88	1.00	.30	---	
	142752	08OR-08FN	60SB-08X08	3/4 - 16	1/2 - 14	1.19	.44	.37	.87	1.00	.42	---	
	142752A	08OR-12FN	60SB-08X12	3/4 - 16	3/4 - 14	1.44	.56	.37	1.00	1.25	.42	---	
	142753	10OR-08FN	60SB-10X08	7/8 - 14	1/2 - 14	1.25	.50	.37	1.00	1.00	.48	---	
	142754	12OR-08FN	60SB-12X08	1 1/16 - 12	1/2 - 14	1.34	.59	.37	1.25	1.00	.48	---	
	142759	10OR-12FN	60SB-10X12	7/8 - 14	3/4 - 14	1.37	.50	.37	1.00	1.25	.56	---	
	142760	12OR-12FN	60SB-12X12	1 1/16 - 12	3/4 - 14	1.47	.59	.37	1.25	1.25	.66	---	
	142760A	12OR-16FN	60SB-12X16	1 1/16 - 12	1 - 11 1/2	1.60	.59	.34	1.50	1.50	.66	---	
	142761	14OR-12FN	60SB-14X12	1 3/16 - 12	3/4 - 14	1.47	.59	.37	1.37	1.25	.66	---	
	142762	16OR-12FN	60SB-16X12	1 5/16 - 12	3/4 - 14	1.54	.59	.44	1.50	1.25	.66	---	
	142765	16OR-16FN	60SB-16X16	1 5/16 - 12	1 - 11 1/2	1.53	.59	.44	1.50	1.50	.87	---	

D - Discontinued O - Obsolete R - Reinstated

45° Adjustable Male ORB to NPSM Female Swivel

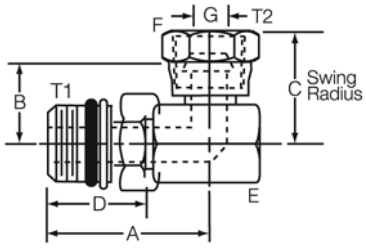


Style: ORFN45
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142955	04OR-04FN45	60TB-04X04	7/16 - 20	1/4 - 18	1.05	1.39	.72	.70	.69	.69	.20	
	142957	06OR-04FN45	60TB-06X04	9/16 - 18	1/4 - 18	1.11	1.45	.72	.76	.69	.69	.23	
	142960	06OR-06FN45	60TB-06X06	9/16 - 18	3/8 - 18	1.06	1.50	.84	.76	.87	.87	.30	
	142960A	06OR-08FN45	60TB-06X08	9/16 - 18	1/2 - 14	1.01	1.51	.87	.76	1.00	1.00	.30	
	142961	08OR-06FN45	60TB-08X06	3/4 - 16	3/8 - 18	1.17	1.61	.84	.87	.87	.87	.34	
	142962	10OR-06FN45	60TB-10X06	7/8 - 14	3/8 - 18	1.31	1.81	.87	1.01	1.00	1.00	.45	
	142963	08OR-12FN45	60TB-08X12	3/4 - 16	3/4 - 14	1.22	1.84	.97	.87	1.25	1.25	.42	
	142964	08OR-08FN45	60TB-08X08	3/4 - 16	1/2 - 14	1.12	1.62	.87	.87	1.00	1.00	.42	
D	142964A	10OR-04FN45	60TB-10X04	7/8 - 14	1/4 - 18	1.31	1.81	.91	1.01	1.00	.69	.23	
	142965	10OR-08FN45	60TB-10X08	7/8 - 14	1/2 - 14	1.31	1.81	.87	1.01	1.00	1.00	.45	
	142966	12OR-08FN45	60TB-12X08	1 1/16 - 12	1/2 - 14	1.33	1.95	1.00	1.16	1.25	1.00	.44	
	142971	10OR-12FN45	60TB-10X12	7/8 - 14	3/4 - 14	1.36	1.98	1.05	1.01	1.25	1.25	.48	
	142972	12OR-12FN45	60TB-12X12	1 1/16 - 12	3/4 - 14	1.50	2.12	.97	1.16	1.25	1.25	.66	
	142973	12OR-16FN45	60TB-12X16	1 1/16 - 12	1 - 11 1/2	1.65	2.40	1.01	1.16	1.50	1.50	.66	
	142976	16OR-12FN45	60TB-16X12	1 5/16 - 12	3/4 - 14	1.53	2.28	1.11	1.16	1.50	1.25	.66	
	142977	16OR-16FN45	60TB-16X16	1 5/16 - 12	1 - 11 1/2	1.66	2.41	1.01	1.16	1.50	1.50	.84	

D - Discontinued O - Obsolete R - Reinstated

90° Adjustable Male ORB to NPSM Female Swivel



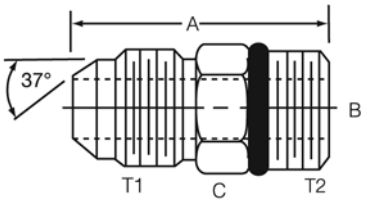
Style: ORFN90
Series: National Pipe Thread Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	142920	04OR-04FN90	60UB-04X04	7/16 - 20	1/4 - 18	1.11	.80	1.12	.70	.69	.69	.20	
	142921	04OR-06FN90	60UB-04X06	7/16 - 20	3/8 - 18	1.28	.88	1.31	.70	.88	.88	.17	
	142922	06OR-04FN90	60UB-06X04	9/16 - 18	1/4 - 18	1.19	.80	1.12	.76	.69	.69	.23	
	142924	06OR-08FN90	60UB-06X08	9/16 - 18	1/2 - 14	1.41	.98	1.44	.77	1.00	1.00	.45	
	142925	06OR-06FN90	60UB-06X06	9/16 - 18	3/8 - 18	1.30	.92	1.34	.76	.87	.87	.30	
	142926	08OR-06FN90	60UB-08X06	3/4 - 16	3/8 - 18	1.39	.92	1.34	.87	.87	.87	.34	
	142927	10OR-06FN90	60UB-10X06	7/8 - 14	3/8 - 18	1.69	.98	1.41	1.01	1.00	.87	.34	
	142928	08OR-04FN90	60UB-08X04	3/4 - 16	1/4 - 18	1.30	.89	1.22	.87	.87	.69	.23	
	142929	08OR-08FN90	60UB-08X08	3/4 - 16	1/2 - 14	1.51	.98	1.44	.87	1.00	1.00	.42	
	142930	10OR-08FN90	60UB-10X08	7/8 - 14	1/2 - 14	1.62	.98	1.44	1.01	1.00	1.00	.45	
	142931	12OR-08FN90	60UB-12X08	1 1/16 - 12	1/2 - 14	1.79	.96	1.45	1.16	1.12	1.00	.44	
	142935	08OR-12FN90	60UB-08X12	3/4 - 16	3/4 - 14	1.62	1.16	1.66	.87	1.25	1.25	.66	
	142936	10OR-12FN90	60UB-10X12	7/8 - 14	3/4 - 14	1.80	1.16	1.66	1.01	1.25	1.25	.48	
	142937	12OR-12FN90	60UB-12X12	1 1/16 - 12	3/4 - 14	1.94	1.16	1.66	1.16	1.25	1.25	.66	
	142939	16OR-12FN90	60UB-16X12	1 5/16 - 12	3/4 - 14	1.94	1.22	1.75	1.16	1.38	1.25	.61	
	142940	12OR-16FN90	60UB-12X16	1 1/16 - 12	1 - 11 1/2	2.08	1.28	1.89	1.16	1.50	1.50	.61	
	142941	16OR-20FN90	60UB-16X20	1 5/16 - 12	1 1/4 - 11 1/2	2.23	1.45	2.11	1.16	1.50	1.88	.84	
	142942	16OR-16FN90	60UB-16X16	1 5/16 - 12	1 - 11 1/2	2.08	1.28	1.86	1.16	1.50	1.50	.84	
	142942A	20OR-20FN90	60UB-20X20	1 5/8 - 12	1 1/4 - 11 1/2	2.23	1.50	2.19	1.16	1.88	1.88	1.13	

D - Discontinued O - Obsolete R - Reinstated

Male 37° Flare (JIC) to Male ORB

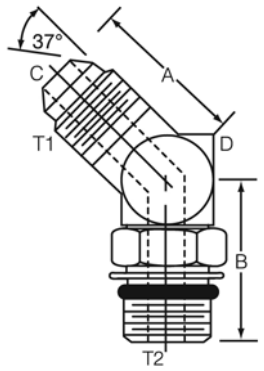
Style: MJOR
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145479	04MJ-03OR	848-FSO-04X03	7/16 - 20	3/8 - 24	1.17	.13	.50	---	---	---	---	
	145480	04MJ-04OR	848-FSO-04X04	7/16 - 20	7/16 - 20	1.23	.17	.56	---	---	---	---	
	145482	06MJ-04OR	848-FSO-06X04	9/16 - 18	7/16 - 20	1.26	.17	.62	---	---	---	---	
	145483	05MJ-04OR	848-FSO-05X04	1/2 - 20	7/16 - 20	1.23	.17	.63	---	---	---	---	
	145484	04MJ-05OR	848-FSO-04X05	7/16 - 20	1/2 - 20	1.23	.17	.63	---	---	---	---	
	145485	05MJ-05OR	848-FSO-05X05	1/2 - 20	1/2 - 20	1.23	.23	.62	---	---	---	---	
	145486	04MJ-08OR	848-FSO-04X08	7/16 - 20	3/4 - 16	1.38	.42	.88	---	---	---	---	
	145487	04MJ-06OR	848-FSO-04X06	7/16 - 20	9/16 - 18	1.28	.30	.69	---	---	---	---	
	145488	05MJ-06OR	848-FSO-05X06	1/2 - 20	9/16 - 18	1.28	.30	.69	---	---	---	---	
	145488A	05MJ-08OR	848-FSO-05X08	1/2 - 20	3/4 - 16	1.36	.23	.88	---	---	---	---	
	145489	06MJ-06OR	848-FSO-06X06	9/16 - 18	9/16 - 18	1.30	.30	.69	---	---	---	---	
	145489A	06MJ-12OR	848-FSO-06X12	9/16 - 18	1 1/16 - 12	1.66	.30	1.25	---	---	---	---	
	145490	08MJ-06OR	848-FSO-08X06	3/4 - 16	9/16 - 18	1.44	.30	.81	---	---	---	---	
	145490A	08MJ-04OR	848-FSO-08X04	3/4 - 16	7/16 - 20	1.48	.20	.81	---	---	---	---	
	145490B	08MJ-16OR	848-FSO-08X16	3/4 - 16	1 5/16 - 12	1.08	.84	1.50	---	---	---	---	
	145491	06MJ-05OR	848-FSO-06X05	9/16 - 18	1/2 - 20	1.27	.23	.63	---	---	---	---	
	145492	06MJ-08OR	848-FSO-06X08	9/16 - 18	3/4 - 16	1.38	.30	.87	---	---	---	---	
	145493	08MJ-08OR	848-FSO-08X08	3/4 - 16	3/4 - 16	1.48	.39	.87	---	---	---	---	
	145493A	10MJ-06OR	848-FSO-10X06	7/8 - 14	9/16 - 18	1.72	.30	.94	---	---	---	---	
	145494	10MJ-08OR	848-FSO-10X08	7/8 - 14	3/4 - 16	1.64	.39	1.00	---	---	---	---	
	145495	12MJ-08OR	848-FSO-12X08	1 1/16 - 12	3/4 - 16	1.94	.39	1.13	---	---	---	---	
	145496	08MJ-10OR	848-FSO-08X10	3/4 - 16	7/8 - 14	1.59	.48	1.00	---	---	---	---	
	145497	10MJ-10OR	848-FSO-10X10	7/8 - 14	7/8 - 14	1.70	.48	1.00	---	---	---	---	
	145498	12MJ-10OR	848-FSO-12X10	1 1/16 - 12	7/8 - 14	1.88	.48	1.13	---	---	---	---	
	145499	08MJ-12OR	848-FSO-08X12	3/4 - 16	1 1/16 - 12	1.77	.39	1.25	---	---	---	---	
	145500	10MJ-12OR	848-FSO-10X12	7/8 - 14	1 1/16 - 12	1.84	.48	1.25	---	---	---	---	
	145500A	10MJ-14OR	848-FSO-10X14	7/8 - 14	1 3/16 - 12	1.86	.72	1.37	---	---	---	---	
	145501	12MJ-12OR	848-FSO-12X12	1 1/16 - 12	1 1/16 - 12	1.97	.61	1.25	---	---	---	---	
	145501A	12MJ-14OR	848-FSO-12X14	1 1/16 - 12	1 3/16 - 12	1.95	.72	1.37	---	---	---	---	
	145502	06MJ-10OR	848-FSO-06X10	9/16 - 18	7/8 - 14	1.50	.48	1.00	---	---	---	---	
	145502A	14MJ-12OR	848-FSO-14X12	1 3/16 - 12	1 1/16 - 12	1.98	.66	1.25	---	---	---	---	
	145503	16MJ-12OR	848-FSO-16X12	1 5/16 - 12	1 1/16 - 12	2.04	.61	1.37	---	---	---	---	
	145503A	16MJ-08OR	848-FSO-16X08	1 5/16 - 12	3/4 - 16	2.02	.42	1.38	---	---	---	---	
	145507A	16MJ-14OR	848-FSO-16X14	1 5/16 - 12	1 3/16 - 12	2.05	.72	1.37	---	---	---	---	
	145508	16MJ-16OR	848-FSO-16X16	1 5/16 - 12	1 5/16 - 12	2.04	.84	1.50	---	---	---	---	
	145508A	20MJ-12OR	848-FSO-20X12	1 5/8 - 12	1 1/16 - 12	2.30	.61	1.88	---	---	---	---	
	145509	20MJ-16OR	848-FSO-20X16	1 5/8 - 12	1 5/16 - 12	2.33	.84	1.69	---	---	---	---	
	145510	16MJ-20OR	848-FSO-16X20	1 5/16 - 12	1 5/8 - 12	2.13	1.08	1.88	---	---	---	---	
	145510A	16MJ-24OR	848-FSO-16X24	1 5/16 - 12	1 7/8 - 12	2.20	.84	2.12	---	---	---	---	
	145511	20MJ-20OR	848-FSO-20X20	1 5/8 - 12	1 5/8 - 12	2.17	1.08	1.87	---	---	---	---	
	145513	12MJ-16OR	848-FSO-12X16	1 1/16 - 12	1 5/16 - 12	1.98	.84	1.50	---	---	---	---	
	145513A	12MJ-20OR	848-FSO-12X20	1 1/16 - 12	1 5/8 - 12	2.08	.61	1.88	---	---	---	---	
R	145514	24MJ-24OR	848-FSO-24X24	1 7/8 - 12	1 7/8 - 12	2.37	1.31	2.12	---	---	---	---	

O - Obsolete R - Reinstated

45° Male 37° Flare (JIC) to Adjustable Male ORB

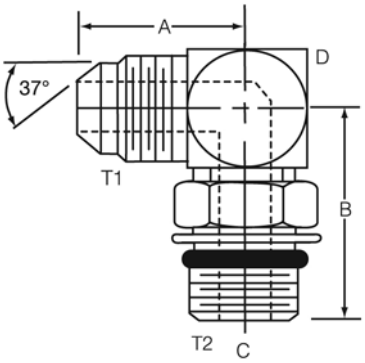


Style: MJOR45
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146020	04MJ-04OR45	854-FSO-04X04	7/16 - 20	7/16 - 20	.72	1.05	.17	.62	---	---	---	
	146021	05MJ-05OR45	854-FSO-05X05	1/2 - 20	1/2 - 20	.77	1.05	.23	.62	---	---	---	
	146021A	06MJ-04OR45	854-FSO-06X04	9/16 - 18	7/16 - 20	.63	1.13	.17	.62	---	---	---	
	146022	06MJ-06OR45	854-FSO-06X06	9/16 - 18	9/16 - 18	.83	1.18	.30	.81	---	---	---	
	146022A	06MJ-08OR45	854-FSO-06X08	9/16 - 18	3/4 - 16	.88	1.30	.30	.81	---	---	---	
	146023	08MJ-08OR45	854-FSO-08X08	3/4 - 16	3/4 - 16	.98	1.30	.39	.81	---	---	---	
	146023A	08MJ-10OR45	854-FSO-08X10	3/4 - 16	7/8 - 14	.98	1.50	.39	.94	---	---	---	
	146023B	10MJ-08OR45	854-FSO-10X08	7/8 - 14	3/4 - 16	1.17	1.30	.39	.88	---	---	---	
	146024	10MJ-10OR45	854-FSO-10X10	7/8 - 14	7/8 - 14	1.11	1.55	.48	1.12	---	---	---	
	146024B	10MJ-12OR45	854-FSO-10X12	7/8 - 14	1 1/16 - 12	1.16	1.73	.48	1.12	---	---	---	
	146024C	12MJ-10OR45	854-FSO-12X10	1 1/16 - 12	7/8 - 14	1.28	1.61	.48	1.00	---	---	---	
	146025	12MJ-12OR45	854-FSO-12X12	1 1/16 - 12	1 1/16 - 12	1.28	1.75	.61	1.38	---	---	---	
	146025A	12MJ-16OR45	854-FSO-12X16	1 1/16 - 12	1 5/16 - 12	1.43	1.86	.61	1.38	---	---	---	
	146026A	16MJ-12OR45	854-FSO-16X12	1 5/16 - 12	1 1/16 - 12	1.46	1.81	.61	1.38	---	---	---	
	146027	16MJ-16OR45	854-FSO-16X16	1 5/16 - 12	1 5/16 - 12	1.47	1.86	.84	1.50	---	---	---	
	146028	20MJ-20OR45	854-FSO-20X20	1 5/8 - 12	1 5/8 - 12	1.59	1.91	1.08	1.75	---	---	---	

O - Obsolete R - Reinstated

90° Male 37° Flare (JIC) to Adjustable Male ORB

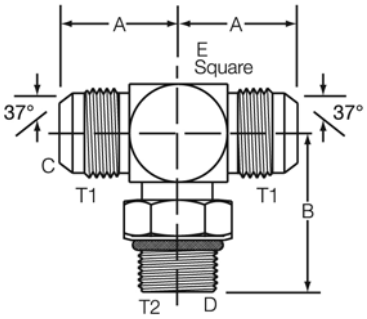


Style: MJOR90
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	145847A	03MJ-03OR90	849-FSO-03X03	3/8 - 24	3/8 - 24	.83	.94	.12	.44	---	---	---	
	145848	04MJ-05OR90	849-FSO-04X05	7/16 - 20	1/2 - 20	.95	1.33	.17	.56	---	---	---	
	145849	04MJ-06OR90	849-FSO-04X06	7/16 - 20	9/16 - 18	1.05	1.25	.17	.62	---	---	---	
	145850	04MJ-04OR90	849-FSO-04X04	7/16 - 20	7/16 - 20	.89	1.03	.17	.44	---	---	---	
	145851	05MJ-06OR90	849-FSO-05X06	1/2 - 20	9/16 - 18	1.05	1.22	.30	.56	---	---	---	
	145851A	05MJ-08OR90	849-FSO-05X08	1/2 - 20	3/4 - 16	1.14	1.45	.41	.81	---	---	---	
	145852	06MJ-04OR90	849-FSO-06X04	9/16 - 18	7/16 - 20	1.06	1.19	.17	.63	---	---	---	
	145855	05MJ-05OR90	849-FSO-05X05	1/2 - 20	1/2 - 20	.95	1.09	.23	.56	---	---	---	
	145856	06MJ-05OR90	849-FSO-06X05	9/16 - 18	1/2 - 20	1.05	1.22	.23	.56	---	---	---	
	145859	06MJ-06OR90	849-FSO-06X06	9/16 - 18	9/16 - 18	1.06	1.25	.30	.56	---	---	---	
	145860	08MJ-06OR90	849-FSO-08X06	3/4 - 16	9/16 - 18	1.22	1.34	.30	.81	---	---	---	
	145861	06MJ-08OR90	849-FSO-06X08	9/16 - 18	3/4 - 16	1.14	1.45	.41	.81	---	---	---	
	145861A	06MJ-10OR90	849-FSO-06X10	9/16 - 18	7/8 - 14	1.23	1.70	.48	.94	---	---	---	
	145861B	06MJ-12OR90	849-FSO-06X12	9/16 - 18	1 1/16 - 12	1.22	1.94	.30	1.12	---	---	---	
	145862	08MJ-08OR90	849-FSO-08X08	3/4 - 16	3/4 - 16	1.25	1.45	.39	.75	---	---	---	
	145862A	08MJ-04OR90	849-FSO-08X04	3/4 - 16	7/16 - 20	1.22	1.27	.17	.81	---	---	---	
	145863	10MJ-08OR90	849-FSO-10X08	7/8 - 14	3/4 - 16	1.45	1.58	.39	.94	---	---	---	
	145864	08MJ-10OR90	849-FSO-08X10	3/4 - 16	7/8 - 14	1.33	1.70	.48	.88	---	---	---	
	145864A	10MJ-06OR90	849-FSO-10X06	7/8 - 14	9/16 - 18	1.43	1.34	.30	.81	---	---	---	
	145865	10MJ-10OR90	849-FSO-10X10	7/8 - 14	7/8 - 14	1.45	1.70	.48	.88	---	---	---	
	145865A	10MJ-14OR90	849-FSO-10X14	7/8 - 14	1 3/16 - 12	1.65	2.00	.48	1.00	---	---	---	
	145866	12MJ-10OR90	849-FSO-12X10	1 1/16 - 12	7/8 - 14	1.66	1.94	.61	1.12	---	---	---	
	145867	08MJ-12OR90	849-FSO-08X12	3/4 - 16	1 1/16 - 12	1.42	1.94	.39	1.12	---	---	---	
	145867A	10MJ-12OR90	849-FSO-10X12	7/8 - 14	1 1/16 - 12	1.59	1.94	.66	1.12	---	---	---	
	145868	12MJ-08OR90	849-FSO-12X08	1 1/16 - 12	3/4 - 16	1.66	1.73	.39	1.12	---	---	---	
	145869	12MJ-12OR90	849-FSO-12X12	1 1/16 - 12	1 1/16 - 12	1.66	1.94	.61	1.12	---	---	---	
	145871	16MJ-12OR90	849-FSO-16X12	1 5/16 - 12	1 1/16 - 12	1.81	2.05	.66	1.38	---	---	---	
	145873	14MJ-14OR90	849-FSO-14X14	1 3/16 - 12	1 3/16 - 12	1.72	2.00	.72	1.25	---	---	---	
	145874	16MJ-20OR90	849-FSO-16X20	1 5/16 - 12	1 5/8 - 12	2.00	2.25	1.09	1.75	---	---	---	
	145875	12MJ-16OR90	849-FSO-12X16	1 1/16 - 12	1 5/16 - 12	1.76	2.05	.61	1.38	---	---	---	
	145876	20MJ-16OR90	849-FSO-20X16	1 5/8 - 12	1 5/16 - 12	2.06	2.23	.84	1.75	---	---	---	
	145877	16MJ-16OR90	849-FSO-16X16	1 5/16 - 12	1 5/16 - 12	1.81	2.05	.84	1.31	---	---	---	
	145880	20MJ-20OR90	849-FSO-20X20	1 5/8 - 12	1 5/8 - 12	2.06	2.25	1.09	1.75	---	---	---	
R	145883	20MJ-24OR90	849-FSO-20X24	1 5/8 - 12	1 7/8 - 12	2.20	2.39	1.34	2.00	---	---	---	

O - Obsolete R - Reinstated

Male 37° Flare (JIC) to Male 37° Flare (JIC) to Adjustable ORB T

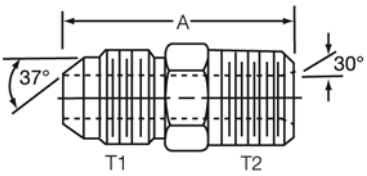


Style: MJORT
Series: 37° Flare Adapters
Material: Steel

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	144383	04MJ-04MJ-04ORT	845-FSO-04X04	7/16 - 20	7/16 - 20	.89	1.03	.17	.19	.50	---	---	
	144385	06MJ-06MJ-06ORT	845-FSO-06X06	9/16 - 18	9/16 - 18	1.06	1.25	.30	.30	.56	---	---	
	144386	08MJ-08MJ-08ORT	845-FSO-08X08	3/4 - 16	3/4 - 16	1.25	1.45	.39	.39	.75	---	---	
	144388	10MJ-10MJ-08ORT	845-FSO-10X08	7/8 - 14	3/4 - 16	1.45	1.55	.48	.42	.94	---	---	
	144389	10MJ-10MJ-10ORT	845-FSO-10X10	7/8 - 14	7/8 - 14	1.45	1.70	.48	.48	.94	---	---	
	144393	12MJ-12MJ-12ORT	845-FSO-12X12	1 1/16 - 12	1 1/16 - 12	1.66	1.94	.61	.66	1.12	---	---	

METRIC, Male DIN 7611 to Male 37° Flare (JIC)

Style: MJMZ
Series: 37° Flare Adapters
Material: Steel

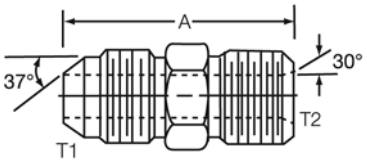


	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	147001	04MJ-12MZA	901-FS-04X12A	7/16 - 20	M12 x 1.5	1.21	---	---	---	---	---	---	

O - Obsolete R - Reinstated

METRIC, BSP Male to Male 37° Flare (JIC)

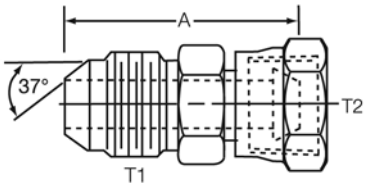
Style: MJBP
Series: 37° Flare Adapters
Material: Steel



	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	147058	06MJ-06BP	903-FS-06X06	9/16 - 18	3/8 - 19	1.48	---	---	---	---	---	---	
	147061	08MJ-06BP	903-FS-08X06	3/4 - 16	3/8 - 19	1.54	---	---	---	---	---	---	
	147064	08MJ-08BP	903-FS-08X08	3/4 - 16	1/2 - 14	1.65	---	---	---	---	---	---	
	147067	10MJ-08BP	903-FS-10X08	7/8 - 14	1/2 - 14	1.78	---	---	---	---	---	---	
	147070	10MJ-12BP	903-FS-10X12	7/8 - 14	3/4 - 14	1.87	---	---	---	---	---	---	
	147073	12MJ-12BP	903-FS-12X12	1 1/16 - 12	3/4 - 14	1.98	---	---	---	---	---	---	
	147076	16MJ-16BP	903-FS-16X16	1 5/16 - 12	1 - 11	2.09	---	---	---	---	---	---	

METRIC, Female Swivel DIN 3861SB to Male 37° Flare (JIC)

Style: MJRU
Series: 37° Flare Adapters
Material: Steel

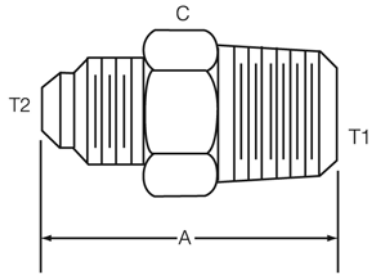


	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	147034	08MJ-16RUA	902-FS-08X16A	3/4 - 16	M16 x 1.5	1.69	---	---	---	---	---	---	
	147037	08MJ-18RUA	902-FS-08X18A	3/4 - 16	M18 x 1.5	1.48	---	---	---	---	---	---	
	147040	10MJ-22RUA	902-FS-10X22A	7/8 - 14	M22 x 1.5	1.62	---	---	---	---	---	---	
	147043	12MJ-24RUA	902-FS-12X24A	1 1/16 - 12	M24 x 1.5	1.73	---	---	---	---	---	---	

O - Obsolete R - Reinstated

ADAPTERS

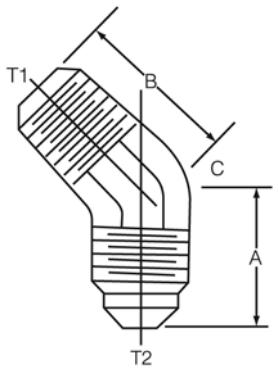
BRASS, NPTF Male to Male 45° Flare



Style: MPMA
Series: National Pipe Thread Adapters
Material: Brass

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146463A	02MP-03MA	648F03X02	1/8 - 27	3/8 - 24	1.000	---	---	---	---	---	---	
	146464	02MP-04MA	648F04X02	1/8 - 27	7/16 - 20	1.060	---	---	---	---	---	---	
	146465	04MP-04MA	648F04X04	1/4 - 18	7/16 - 20	1.250	---	---	---	---	---	---	
	146466	06MP-04MA	648F04X06	3/8 - 18	7/16 - 20	1.310	---	---	---	---	---	---	
	146468	02MP-05MA	648F05X02	1/8 - 27	1/2 - 20	1.160	---	---	---	---	---	---	
	146469	04MP-05MA	648F05X04	1/4 - 18	1/2 - 20	1.340	---	---	---	---	---	---	
	146472	04MP-06MA	648F06X04	1/4 - 18	5/8 - 18	1.440	---	---	---	---	---	---	
	146473	06MP-06MA	648F06X06	3/8 - 18	5/8 - 18	1.440	---	---	---	---	---	---	
	146474	08MP-06MA	648F06X08	1/2 - 14	5/8 - 18	1.690	---	---	---	---	---	---	
	146478	06MP-08MA	648F08X06	3/8 - 18	3/4 - 16	1.620	---	---	---	---	---	---	
	146479	08MP-08MA	648F08X08	1/2 - 14	3/4 - 16	1.810	---	---	---	---	---	---	
	146480	12MP-08MA	648F08X12	3/4 - 14	3/4 - 16	1.940	---	---	---	---	---	---	
	146482	06MP-10MA	648F10X06	3/8 - 18	7/8 - 14	1.810	---	---	---	---	---	---	
	146483	08MP-10MA	648F10X08	1/2 - 14	7/8 - 14	2.000	---	---	---	---	---	---	
	146484	12MP-10MA	648F10X12	3/4 - 14	7/8 - 14	2.060	---	---	---	---	---	---	
	146485	08MP-12MA	648F12X08	1/2 - 14	1 1/16 - 14	2.190	---	---	---	---	---	---	
	146486	12MP-12MA	648F12X12	3/4 - 14	1 1/16 - 14	2.190	---	---	---	---	---	---	

BRASS, 45° NPTF Male to Male 45° Flare



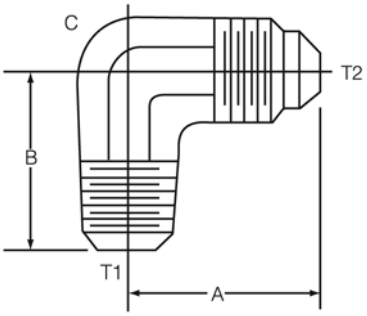
Style: MPMA45
Series: National Pipe Thread Adapters
Material: Brass

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146601	02MP-04MA45	654F04X02	1/8 - 27	7/16 - 20	0.690	0.660	---	---	---	---	---	
	146609	04MP-06MA45	654F06X04	1/4 - 18	5/8 - 18	0.875	0.875	---	---	---	---	---	

O - Obsolete

ADAPTERS

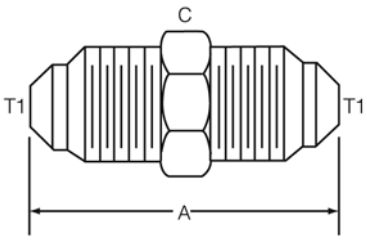
BRASS, 90° NPTF Male to Male 45° Flare



Style: MPMA90
Series: National Pipe Thread Adapters
Material: Brass

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146641A	02MP-04MA90	649F04X02	1/8 - 27	7/16 - 20	0.910	0.940	---	---	---	---	---	
	146642	04MP-04MA90	649F04X04	1/4 - 18	7/16 - 20	0.910	0.940	---	---	---	---	---	
	146649	06MP-04MA90	649F04X06	3/8 - 18	7/16 - 20	0.940	1.030	---	---	---	---	---	
	146650	02MP-05MA90	649F05X02	1/8 - 27	1/2 - 20	0.940	1.030	---	---	---	---	---	
	146653A	02MP-06MA90	649F06X02	1/8 - 27	5/8 - 18	1.030	0.910	---	---	---	---	---	
	146653C	06MP-06MA90	649F06X06	3/8 - 18	5/8 - 18	1.060	1.090	---	---	---	---	---	
	146655	08MP-06MA90	649F06X08	1/2 - 14	5/8 - 18	1.160	1.280	---	---	---	---	---	
	146655A	04MP-08MA90	649F08X04	1/4 - 18	3/4 - 16	1.250	1.120	---	---	---	---	---	
	146655B	06MP-08MA90	649F08X06	3/8 - 18	3/4 - 16	1.220	1.120	---	---	---	---	---	
	146656	08MP-08MA90	649F08X08	1/2 - 14	3/4 - 16	1.280	1.380	---	---	---	---	---	
	146657	12MP-08MA90	649F08X12	3/4 - 14	3/4 - 16	1.410	1.410	---	---	---	---	---	
	146659	06MP-10MA90	649F10X06	3/8 - 18	7/8 - 14	1.410	1.250	---	---	---	---	---	
	146660	08MP-10MA90	649F10X08	1/2 - 14	7/8 - 14	1.410	1.380	---	---	---	---	---	

BRASS, Male 45° Flare Union



Style: MAU
Series: Miscellaneous
Material: Brass

	Part No.	Factory No.	Old Factory No.	Thread T1	Thread T2	A	B	C	D	E	F	G	
	146520	02MA-02MA	642F02	5/16 - 24	---	0.920	---	---	---	---	---	---	
	146521	03MA-03MA	642F03	3/8 - 24	---	1.060	---	---	---	---	---	---	
	146522	04MA-04MA	642F04	5/16 - 20	---	1.190	---	---	---	---	---	---	
	146527	05MA-05MA	642F05	1/2 - 20	---	1.340	---	---	---	---	---	---	
	146531	06MA-06MA	642F06	5/8 - 18	---	1.500	---	---	---	---	---	---	
	146536	08MA-08MA	642F08	3/4 - 16	---	1.810	---	---	---	---	---	---	
	146541	10MA-10MA	642F10	7/8 - 14	---	2.120	---	---	---	---	---	---	
	146545	12MA-12MA	642F12	1 1/16 - 14	---	2.440	---	---	---	---	---	---	

Notes

Dayco Hydraulic Crimpers

Part No. 200074 (3710 AC Crimper)

Description: BL & SB Crimper. Complete Kit for Air Impact Wrench Operation - 100 PSIG Max.

Capability: Crimps Sizes 6 through 12 Barrier Refrigerant Hose.

Power Source(s): Air Impact Wrench Operation - 100 PSIG Max., Single Stage - 10,000 PSIG Foot Operated Hydraulic Pump With 12 Ft. Hydraulic Hose and Male Quick Disconnect (Part No. 200076), 10,000 PSIG Cylinder With Female Quick Disconnect to Retrofit to Model 3710 for Hydraulic Operation (Part No. 200077)

Dimensions: 13 1/2" Wide x 8 5/16" Deep x 3 1/4" High

Dies: Included in Set

Dayco Hydraulic Crimpers

Part No. 200140 (D100S Crimper)

Description: Strong, yet lightweight top and bottom plates, improved one piece handle and base design and a new micrometer gauging mechanism are features that make this machine ideal for portable assembly. D100S's four strain rods reinforce precision and durability while color-coded die sets make finding the right one a snap. This crimper is easily customized with a choice of optional pumps, dies and a die storage box. Delivers 35 tons of force through nine (9) sets of optional dies to let you crimp 1 and 2 wire hose through 1" I.D. and 4 spiral hose through 1" I.D.

Capability: Delivers 35 tons of crimping force

Power Source(s): Two stage hand pump EC30-22 (Part No. 200022), Air pump EC30-23 (Part No. 200023), Electric Hydraulic Pump P-116-10 (Part No. 200024) 1 HP, 110V-15 AMP Motor (Manual Pnuematic Start - Stop Switch Included When Ordering Part No. 200141)

Dimensions: 10" Wide X 12" Deep X 24" High

Dies:

Optional Die Sets	Die Size
Part No. 200143	.520 Red
Part No. 200144	.670 Yellow
Part No. 200145	.830 Blue
Part No. 200146	1.100 Green
Part No. 200147	1.320 Black
Part No. 200148	1.500 Brown
Part No. 200149	1.730 Silver
Part No. 200162	.580 Orange (Beadlock)
Part No. 200163	.850 Orange (Beadlock)
Part No. 200171	DBL Angle Die set for 1" 4 Wire hose
Part No. 200172	DBL Angle Cone Insert for 1" 4 Wire hose
Part No. 200173	DBL Angle Top Insert for 1" 4 Wire hose
Part No. 200175	.350 Orange
Part No. 200176	1.050 Orange

D100 Crimper Support Parts:

Part No.	Factory No.	Description
200010	MBT-10	Saf-t-eze Moly Anti-sieze Grease, 10oz Can & Brush
200016	W33-T2N1Q-20-20A	On/off Rocker Switch
200017	---	10,000 Psi Hydraulic Air Pump
200058	101209	Head Sub - Assembly
200059	100956	3/8 X 3/4 X 1/4 Spacer
200060	101040	3/8 X 3/4 X 5/8 Spacer

Dayco Hydraulic Crimpers

Part No. 200140 (D100S Crimper)

Description: Strong, yet lightweight top and bottom plates, improved one piece handle and base design and a new micrometer gauging mechanism are features that make this machine ideal for portable assembly. D100S's four strain rods reinforce precision and durability while color-coded die sets make finding the right one a snap. This crimper is easily customized with a choice of optional pumps, dies and a die storage box. Delivers 35 tons of force through nine (9) sets of optional dies to let you crimp 1 and 2 wire hose through 1" I.D. and 4 spiral hose through 1" I.D.

D100 Crimper Support Parts (Cont.):

Part No.	Factory No.	Description
200061	91259A628	Shoulder Screw
200137	---	3/8 Npt Vent Filler Plug
200138	100812	Pusher Retaining Pin
200139	101431	Die Storage Cabinet
200159	---	903 Limit Switch
200180	SP-981-25	On/off Switch
200186	100813-01	Pusher With Magnets
200188	101065-R	Die Ring Half/red
200189	101065-Y	Die Ring Half/yellow
200190	101065-B	Die Ring Half/blue
200191	101065-G	Die Ring Half/green
200192	101065-BL	Die Ring Half/black
200193	101065-BR	Die Ring Half/brown
200365	EN84-115	Die Retaining Screw
201963	LC-022D-1	Die Spring
201993	11633-110	1 Hp Electric Motor

Dayco Hydraulic Crimpers

Part No. 200142 (D105DC Crimper, Dies & Die Cabinet Included)

Description: Strong, yet lightweight top and bottom plates, improved one piece handle and base design and a new micrometer gauging mechanism are features that make this machine ideal for portable assembly. D105's four strain rods reinforce precision and durability while color-coded die sets make finding the right one a snap. This crimper is easily customized with a choice of optional pumps, dies and a die storage box. Delivers 35 tons of force through nine (9) sets of optional dies to let you crimp 1 and 2 wire hose through 1" I.D. and 4 spiral hose through 1" I.D.

Capability: Delivers 35 tons of crimping force

Power Source(s): Two stage hand pump EC30-22 (Part No. 200022), Air pump EC30-23 (Part No. 200023), Electric Hydraulic Pump P-116-10 (Part No. 200024) 1 HP, 110V-15 AMP Motor (Manual Pnuematic Start - Stop Switch Included When Ordering Part No. 200141)

Dimensions: 10" Wide X 12" Deep X 24" High

Dies:

Standard Die Sets	Die Size
Part No. 200143	.520 Red
Part No. 200144	.670 Yellow
Part No. 200145	.830 Blue
Part No. 200146	1.100 Green
Part No. 200147	1.320 Black
Part No. 200148	1.500 Brown
Part No. 200149	1.730 Silver

Optional Die Sets	Die Size
Part No. 200162	.580 Orange (Beadlock)
Part No. 200163	.850 Orange (Beadlock)
Part No. 200175	.350 Orange
Part No. 200176	1.050 Orange
Part No. 200171	DBL Angle Die set for 1" 4 Wire hose
Part No. 200172	DBL Angle Cone Insert for 1" 4 Wire hose
Part No. 200173	DBL Angle Top Insert for 1" 4 Wire hose

D105 Crimper Support Parts:

Part No.	Factory No.	Description
200010	MBT-10	Saf-t-eze Moly Anti-sieze Grease, 10oz Can & Brush
200016	W33-T2N1Q-20-20A	On/off Rocker Switch
200058	101209	Head Sub - Assembly
200059	100956	3/8 X 3/4 X 1/4 Spacer
200060	101040	3/8 X 3/4 X 5/8 Spacer
200061	91259A628	Shoulder Screw

Dayco Hydraulic Crimpers

Part No. 200142 (D105DC Crimper, Dies & Die Cabinet Included)

Description: Strong, yet lightweight top and bottom plates, improved one piece handle and base design and a new micrometer gauging mechanism are features that make this machine ideal for portable assembly. D105's four strain rods reinforce precision and durability while color-coded die sets make finding the right one a snap. This crimper is easily customized with a choice of optional pumps, dies and a die storage box. Delivers 35 tons of force through nine (9) sets of optional dies to let you crimp 1 and 2 wire hose through 1" I.D. and 4 spiral hose through 1" I.D.

D105 Crimper Support Parts (Cont.):

Part No.	Factory No.	Description
200137	----	3/8 Npt Vent Filler Plug
200138	100812	Pusher Retaining Pin
200139	101431	Die Storage Cabinet
200141	D105DC-MARKIV	D105 Crimper (Pump Included - No Dies)
200142R	D105DC-R	Refurbished D105 (Pump & Dies Included)
200159	---	903 Limit Switch
200180	SP-981-25	On/off Switch
200186	100813-01	Pusher With Magnets
200188	101065-R	Die Ring Half/red
200189	101065-Y	Die Ring Half/yellow
200190	101065-B	Die Ring Half/blue
200191	101065-G	Die Ring Half/green
200192	101065-BL	Die Ring Half/black
200193	101065-BR	Die Ring Half/brown
200365	EN84-115	Die Retaining Screw
201963	LC-022D-1	Die Spring
201993	11633-110	1 Hp Electric Motor

Dayco Hydraulic Crimpers

Part No. 200230 (D165 Crimper, Dies & Die Cabinet Included)

Description: The D165 crimper will deliver the power to quickly and easily crimp the tough fittings that most small crimpers are unable to handle. The fully adjustable micrometer style crimp adjustment accommodates a wide range of hose and fittings without the need for special shims or spacers. The easily removable coupling stop and cylinder retraction stop permit repetitive crimps to be made quickly and easily. This workhorse crimper will handle up to 1-1/4" 4 wire hose, and up to 1" 6 wire hose with standard die sets.

Capability: Delivers 60 tons of crimping force

Power Source(s): Powerful 10,000 PSI 1HP 110V-15 AMP Pump

Dimensions: 12.5" Wide X 22" Deep X 22.5" High

Dies:

Standard Die Sets	Die Size
Part No. 200143	.520 Red
Part No. 200144	.670 Yellow
Part No. 200145	.830 Blue
Part No. 200146	1.100 Green
Part No. 200147	1.320 Black
Part No. 200148	1.500 Brown
Part No. 200149	1.730 Silver
Part No. 200196	1.920 Purple

Optional Die Sets	Die Size
Part No. 200162	.580 Orange (Beadlock)
Part No. 200163	.850 Orange (Beadlock)
Part No. 200175	.350 Orange
Part No. 200176	1.050 Orange

D165 Crimper Support Parts:

Part No.	Factory No.	Description
200010	MBT-10	Saf-t-eze Moly Anti-sieze Grease, 10oz Can & Brush
200137	---	3/8 Npt Vent Filler Plug
200159	---	903 Limit Switch
200180	SP-981-25	On/off Switch
200229	100825-01	Pusher With Magnets
200365	EN84-115	Die Retaining Screw
201963	LC-022D-1	Die Spring
201993	11633-110	1 Hp Electric Motor

Dayco Hydraulic Crimpers

Part No. 200151 (D206DC Crimper, Dies & Die Cabinet Included)

Description: A real workhorse, the D206DC has 4 strain rods to increase crimping precision, a new micrometer gauge including a limit switch for greater accuracy and a simplified controller design featuring a built-in circuit breaker and emergency stop switch. Standard features include a coupling stop and a pusher retraction stop.

Capability: Delivers 80 tons of force through ten (10) optional die sets to let you crimp 1, 2, 4 and 6 wire hose through 1 1/4" I.D. By adding additional tooling and dies, crimping capability can be improved to 2" I.D. 6 spiral hose.

Power Source(s): Powerful 10,000 PSI 1HP 110V-15 AMP Pump

Dimensions: 16.5" Wide X 32" Deep X 29" High

Dies:

Standard Die Sets	Die Size
Part No. 200152	.520 Red
Part No. 200153	.670 Yellow
Part No. 200154	.830 Blue
Part No. 200155	1.100 Green
Part No. 200156	1.320 Black
Part No. 200157	1.500 Brown
Part No. 200158	1.920 Purple
Part No. 200166	1.730 Silver

Optional Die Sets	Die Size
Part No. 200160	Base Cone for DBL Angle Die Set
Part No. 200161	Top Cone for DBL Angle Die Set
Part No. 200164	.580 Orange (Beadlock)
Part No. 200165	.850 Orange (Beadlock)
Part No. 200170	2.800 DBL Angle Die Set
Part No. 200177	.350 Orange
Part No. 200178	1.050 Orange
Part No. 200197	2.300 DBL Angle Die Set

D206 Crimper Support Parts:

Part No.	Factory No.	Description
200010	MBT-10	Saf-t-eze Moly Anti-sieze Grease, 10oz Can & Brush
200016	W33-T2N1Q-20-20A	On/off Rocker Switch
200049	100818	Pusher

Dayco Hydraulic Crimpers

Part No. 200151 (D206DC Crimper, Dies & Die Cabinet Included)

Description: A real workhorse, the D206DC has 4 strain rods to increase crimping precision, a new micrometer gauge including a limit switch for greater accuracy and a simplified controller design featuring a built-in circuit breaker and emergency stop switch. Standard features include a coupling stop and a pusher retraction stop.

D206 Crimper Support Parts (Cont.):

Part No.	Factory No.	Description
200050	100727	Micrometer Nut
200053	---	Compression Cone
200073	EN82-004	Die Screw
200104	100752-24	.350 Die Finger Set
200105	100752-25	.520 Die Finger Set
200106	100752-19	.670 Die Finger Set
200107	100752-26	.830 Die Finger Set
200108	100752-21	1.100 Die Finger Set
200109	100752-27	1.320 Die Finger Set
200110	100752-28	1.500 Die Finger Set
200111	100752-29	1.730 Die Finger Set
200112	100752-30	1.920 Die Finger Set
200113	101712-0580	0.580 Tripple Bubble Die Finger Set
200114	101712-0850	0.850 Tripple Bubbel Die Finger Set
200115	101494B-56X70	56mm X 70mm Double Angle Die Finger Set
200116	101494B-71X88	71mm X 88mm Double Angle Die Finger Set
200137	----	3/8 Npt Vent Filler Plug
200150	D206DC-MARKIV	D206 (Crimper Only - No Dies Or Cabinet)
200151R	D206DC-R	Refurbished D206 (Dies Included)
200159	---	903 Limit Switch
200161	100871	Top Cone For D206 For Dbl Angle Dies
200174	101625	Shelf Assembly
200179	100648	Retaining Pin/d206 P/n 100648

Dayco Hydraulic Crimpers

Part No. 200151 (D206DC Crimper, Dies & Die Cabinet Included)

Description: A real workhorse, the D206DC has 4 strain rods to increase crimping precision, a new micrometer gauge including a limit switch for greater accuracy and a simplified controller design featuring a built-in circuit breaker and emergency stop switch. Standard features include a coupling stop and a pusher retraction stop.

D206 Crimper Support Parts (Cont.):

Part No.	Factory No.	Description
200180	SP-981-25	On/off Switch
200181	1668-02	Light Kit For D206dc
200183	100672	Micrometer Bracket
200184	KHA-150	Adjustable Ram Retraction Stop
200185	---	D206 Crimper Stand
200194	101349	Pneumatic Switch
200195	---	D200-1-spacer Kit
200373	LC-022D-5	Lee Spring
201975	100753-RED	Die Ring Halfs For D206 Crimper
201976	100753-YELLOW	Die Ring Halfs For D206 Crimper
201977	100753-BLUE	Die Ring Halfs For D206 Crimper
201978	100753-GREEN	Die Ring Halfs For D206 Crimper
201979	100753-BLACK	Die Ring Halfs For D206 Crimper
201980	100753-BROWN	Die Ring Halfs For D206 Crimper
201981	100753-SILVER	Die Ring Halfs For D206 Crimper
201982	100753-PURPLE	Die Ring Halfs For D206 Crimper
201983	100753-ORANGE	Die Ring Halfs For D206 Crimper
201990	100710	Stop Rod Locking Handle
201991	100692	Limit Switch Guard
201992	---	D206 Decal Kit
201993	11633-110	1 Hp Electric Motor

Dayco Hydraulic Crimpers

200119 (CC4-50 Crimper - Dies not included)

Description: The CC4-50 Crimper offers increased capacity to crimp up to 2" on 2 braid, 4 spiral and 6 spiral hose using the optional die sets. This is the ideal crimper for repeated crimps of large quantities. The digital crimp control center eliminates the need for crimp specs and can store your settings for easy call up on future crimps. This machine can handle it all!

Capability: The CC4-50 delivers 340 tons of force through ten (10) optional die sets.

Power Source(s): Powerful 7.5HP 220VAC 3 Phase (Standard)

Dimensions: 29" Wide X 20" Deep X 32" High

Dies:

Optional Die Sets	Die Size
Part No. 200231	.350 Die Set
Part No. 200232	.520 Die Set
Part No. 200233	.670 Die Set
Part No. 200234	.830 Die Set
Part No. 200235	1.100 Die Set
Part No. 200236	1.320 Die Set
Part No. 200237	1.500 Die Set
Part No. 200238	1.730 Die Set
Part No. 200239	1.920 Die Set
Part No. 200240	2.300 Die Set
Part No. 200241	2.800 Die Set
Part No. 200242	.580 Die Set (Beadlock)
Part No. 200243	.850 Die Set (Beadlock)
Part No. 200244	9MM Quick Change Die Tool
Part No. 200245	Die Lock Pin

CC4-50 Crimper Support Parts:

Part no.	Factory No.	Description
200008	238-GR2	Die Lubricant, 16oz Tube
200009	102908	Master Die and Die Spring Dry Lubricant, Spray Can
200046	---	CC4-50 Crimper Table

Support Equipment

Two Stage Hand Pump
Part No. 200022

Lightweight and completely portable pump for use with EC30, DE30 and D100S crimpers.

System: 10,000 PSI factory set relief valve

Size: 23" Long x 6" wide x 9" High

Weight: 11 lbs.

Electro-Hydraulic Pump
Part No. 200024

Electric driven hydraulic pump for use with EC30, DE30 and D100S crimpers, includes foot pedal.

System: 10,000 PSI factory set relief valve 1/2 HP, 115V, 60 cycle, single phase

Size: 9" Long x 13" wide x 18" High

Weight: 49 lbs.

CC4-50 Crimper Table
Part No. 200046

Dayco's CC4-50 Crimper table provides a sturdy table which can incorporate the die stand underneath for convenient stock and storage. This table is built to withstand the weight and working pressures of the CC4-50 and provides a standard table option to avoid customizing your own table.

Support Equipment

D206 Crimper Stand
Part No. 200185

Dayco's D206 Crimper stand will give you the safety of a secure stand with versatility of casters to allow you to safely and easily move your crimper set up anywhere at your location. Dayco's D206 Crimper can be easily mounted on top of this stand using four attachment bolts. With the available bottom shelf, this stand is ideal for utilizing Dayco's Die Storage Cabinets to create an easy access hydraulic set up that is convenient and practical.

Dayco® Custom 6-Drawer Hydraulic Cabinet (Bins Included)
Part No. 201890

Dayco's 6-Drawer Hydraulics Cabinet maximizes your work space efficiency. The cabinet's drawers are mounted on roller bearing slides for smooth, reliable operation and fully extend to provide total and easy access. Included are forty (40) 3 1/2" wide bins and ten (10) 7" wide bins designed with removable dividers to permit inventory adjustment. Dayco's Heavy Duty Stationary/Caster Leg set (Part No. 201897) is also included.

Options:
- Part No. 201891 3 1/2" Wide Plastic Bins (Box of 10)
- Part No. 201892 7" Wide Plastic Bins (Box of 5)
- Part No. 201893 3 1/2" Wide Plastic Inserts (Pkg of 50)
- Part No. 201893A 7" Wide Plastic Inserts (Pkg of 50)

Size: 1 1/8" Wide X 12 1/2" Deep X 30 5/8" High

Dayco® Hydraulic Coupling Identification Kit
Part No. 201960

Dayco's Hydraulic Coupling Identification Kit is a compact pocket kit containing: seat angle guide, thread pitch guage, caliper and handy reference guide. These tools, when used in conjunction with the tables provided within the reference guide will simplify and insure accurate identification of hydraulic coupling types and threads.

Support Equipment

Dayco® Hydraulic O-Ring Kit
Part No. 201964

Dayco's convenient Hydraulic O-Ring Kit comes pre-packaged with 180 Nitril O-Rings representing 18 of the most popular sizes for the following applications:

- PA and PH O-Ring Flange Ends (Code 61 and Code 62)
- Straight Thread Boss Couplings and Adapters
- O-Ring Face Seal "Titan" Male Ends
- Komatsu-10PK Flange Ends.

Options: Extra compartments for up to 6 additional O-Ring sizes
Individual O-Ring packages sold as packages of 10

Dayco® Indoor/Outdoor Hydraulic Sign
Part No. 201967

Dayco's Hydraulic Indoor/Outdoor Sign is a sturdy versatile metal sign that can be used Indoor or Outdoor to alert your cliental that you sell and assemble Dayco Hydraulics.

Dayco® Hydraulic Hose Reel Stand
Part No. 201988

Dayco's Unique Hydraulic Hose Reel Stand is designed for easy set up and access to allow for storing and dispensing up to 5 reels of hose.

Size: 40" Long x 30" Wide x 51" High

Dayco® 1 HP Electric Motor

Part No. 201993

This 1 HP Electric Motor is designed to be used with Dayco's D105, D165 and D206 Crimpers.

System: 110V Valpower Hydraulic Pump

Part No.	Factory No.	Description	Used With
200008	238-GR2	DIE LUBRICANT, 16 OZ TUBE	CC4-50
200009	102908	MASTER DIE & DIE SPRING DRY LUBRICANT, SPRAY CAN	CC4-50
200010	MBT-10	SAF-T-EZE MOLY ANTI-SIEZE, 10 OZ CAN & BRUSH	ALL CRIMPERS
200011	CP-28, EZ CRIMP MKG	DIE LUBRICANT	NP60, WB60, DE60
200014	25R14N/FL	LIGHT BULB	NP60, WB60
200016	W33-T2N1Q-20-20A	ON/OFF ROCKER SWITCH	DE60, DE100, DE105, D206
200017	VAP-10-100	10,000 PSI HYDRAULIC AIR PUMP	DE30, EC30, D100
200022	EC30-22	TWO STAGE HAND PUMP	EC30
200023	EC30-23	AIR PUMP - Superceded by 200017	EC30
200024	P-116-10	ELECTRO-HYDRAULIC PUMP	EC30
200026	EN98-020-01	.520 DIE SET, SPLIT (RED)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200027	EN98-020-02	.670 DIE SET, SPLIT (YELLOW)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200028	EN98-020-03	.830 DIE SET, SPLIT (BLUE)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200029	EN98-020-04	1.100 DIE SET, SPLIT (GREEN)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200030	EN98-020-05	1.320 DIE SET, SPLIT (BLACK)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200031	EN98-020-07	1.730 DIE SET, SPLIT (CLEAR)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200037	EN92-163-1(.580)	.580 DIE, FOR BL & SB SERIES COUPLINGS	DE30, DE60, DE100, EC30, NP30, NP60,WB60
200038	EN92-163-2(.850)	.850 DIE, FOR BL & SB SERIES COUPLINGS	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200039	EN98-020-06	1.500 DIE SET, SPLIT (BROWN)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200040	EN98-020-08	1.920 DIE SET, SPLIT (PURPLE)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200041	EN98-020-09	.350 DIE SET, SPLIT (ORANGE)	DE30, DE60, DE100, EC30, NP30, NP60, WB60
200044	EN96-027	PUSHER PLATE BENT TUBE	NP60, WB60
200046	101247-99	TABLE FOR CC4-50 CRIMPER	CC4-50
200047	EN00-120	COUPLING STOP ASSEMBLY	NP60
200048	EN00-014	FOOT SWITCH FOR DE CRIMPER	DE100
200049	100818	PUSHER	DE100, D206
200050	100727	MICROMETER NUT	D206
200053	100712	COMPRESSION CONE	D206
200054	101190	PUSHER PLATE	D105
200057	LE-022B-05-M	SPRING FOR POTENTIOMETER	NP60
200058	101209	HEAD SUB ASSEMBLY	D100, D105
200059	100956	3/8 X 3/4 X 1/4 SPACER	D100, D105
200060	101040	3/8 X 3/4 X 5/8 SPACER	D100, D105
200061	91259A628	3/8 X 1 1/2 SHOULDER SCREW	D100, D105
200065	DE60R	DE60 CRIMPER (REFURBISHED)	
200068	DE100R	DE100 CRIMPER (REFURBISHED)	
200071	EN88-047	SPLIT PUSHER PLATE	WB60
200073	EN82-004	DIE SCREW	NP60, D206
200074	3710	3710 CRIMPER	
200079	EN00-036	PUSHER PLATE	DE30
200081	EN00-009	220V CONTROL BOX	DE100
200082	EN00-029	PUSHER	DE30
200083	EN00-028	PUSHER HOLDER	DE30
200104	100752-24	.350 DIE FINGER SET	D206
200105	100752-25	.520 DIE FINGER SET	D206
200106	100752-19	.670 DIE FINGER SET	D206
200107	100752-26	.830 DIE FINGER SET	D206
200108	100752-21	1.100 DIE FINGER SET	D206
200109	100752-27	1.320 DIE FINGER SET	D206
200110	100752-28	1.500 DIE FINGER SET	D206
200111	100752-29	1.730 DIE FINGER SET	D206
200112	100752-30	1.920 DIE FINGER SET	D206
200113	101712-0580	0.580 DIE FINGER SET, FOR BL & SB SERIES COUPLINGS	D206
200114	101712-0850	0.850 DIE FINGER SET, FOR BL & SB SERIES COUPLINGS	D206
200115	101494B-56X70	56MM X 70MM DBL ANGLE DIE FINGER SET	D206
200116	101494B-71X88	71MM X 88MM DBL ANGLE DIE FINGER SET	D206
200119	CC4-50	CC4-50 HYDRAULIC CRIMPER	
200137	101341	3/8 NPT VENT/FILLER PLUG	D105, D165, D206
200138	100812	DIE RETAINING PIN	D100, D105
200139	101431	DIE STORAGE CABINET	D100, D105
200140	D100S-MARKIV	D100S CRIMPER	
200141	D105DC-MARKIV	D105DC CRIMPER (PUMP INCLUDED)	
200142	D105DC	D105DC CRIMPER (PUMP & 6 SETS OF DIES INCLUDED)	
200142R	D105DC-R	D105DC CRIMPER (REFURBISHED)	D105
200143	101484-0520	.520 INCH DIE SET (RED)	D105, D165

Part No.	Factory No.	Description	Used With
200144	101484-0670	.670 INCH DIE SET (YELLOW)	D105, D165
200145	101484-0830	.830 INCH DIE SET (BLUE)	D105, D165
200146	101484-1100	1.100 INCH DIE SET (GREEN)	D105, D165
200147	101484-1320	1.320 INCH DIE SET (BLACK)	D105, D165
200148	101484-1500	1.500 INCH DIE SET (BROWN)	D105, D165
200149	101484-1730	1.730 INCH DIE SET (SILVER)	D105, D165
200150	D206DC-MARKIV	D206DC CRIMPER (CRIMPER ONLY)	
200151	D206DC	D206DC CRIMPER (DIES AND DIE CABINET INCLUDED)	
200151R	D206DC-R	D206DC CRIMPER (REFURBISHED)	
200152	101485-0520	.520 INCH DIE SET (RED)	D206
200153	101485-0670	.670 INCH DIE SET (YELLOW)	D206
200154	101485-0830	.830 INCH DIE SET (BLUE)	D206
200155	101485-1100	1.100 INCH DIE SET (GREEN)	D206
200156	101485-1320	1.320 INCH DIE SET (BLACK)	D206
200157	101485-1500	1.500 INCH DIE SET (BROWN)	D206
200158	101485-1920	1.920 INCH DIE SET (PURPLE)	D206
200159	502-903	903 LIMIT SWITCH	D105, D165, D206
200160	100870	BASE CONE FOR D206 DBL ANGLE DIES	D206
200161	100871	TOP CONE FOR D206 DBL ANGLE DIES	D206
200162	D100TBD-0580	.580 BL DIE FOR D105DC (ORANGE)	D105, D165
200163	D100TBD-0850	.850 BL DIE FOR D105DC (ORANGE)	D105, D165
200164	D200TBD-0580	.580 BL DIE FOR D206DC (ORANGE)	D206
200165	D200TBD-0850	.850 BL DIE FOR D206DC (ORANGE)	D206
200166	101485-1730	1.730 INCH DIE SET (SILVER)	D206
200167	100897-01	1.600 DOUBLE ANGLE DIE (GOES WITH 200168)	DE30
200168	100899	DOUBLE ANGLE CONE (GOES WITH 200167)	DE30
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200225	75-1120	REPLACEMENT BLADES FOR HOSE SKIVER	HOSE SKIVER P/N 200224
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200232	99S-0520-55	.520 BORE X 55MM LONG DIE	CC4-50
200233	99S-0670-55	.670 BORE X 55MM LONG DIE	CC4-50
200234	99S-0830-70	.830 BORE X 70MM LONG DIE	CC4-50
200235	99S-1100-70	1.100 BORE X 70MM LONG DIE	CC4-50
200236	99S-1320-76.2	1.320 BORE X 76.2MM LONG DIE	CC4-50
200237	99S-1500-90	1.500 BORE X 90MM LONG DIE	CC4-50

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200239	99S-1920-90	1.920 BORE X 90MM LONG DIE	CC4-50
200240	99S-2300-90	2.300 BORE X 90MM LONG DIE	CC4-50
200241	99S-2800-110	2.800 BORE X 110MM LONG DIE	CC4-50
200242	99S-0580TB-55	.580 BORE X 55MM LONG AC DIE	CC4-50
200243	99S-0850TB-55	.850 BORE X 55MM LONG AC DIE	CC4-50
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200284	EN84-034	ACTUATOR GUIDE	NP60
200286	EN83-076	POTENTIOMETER BRACKET	NP60
200295	EN83-077	BASE PLATE	NP60
200296	WCS-240RB	REFURBISHED CONTROL BOX (NEW STYLE - DIGITAL)	NP60
200297	EN00-010	CONTROL BOX RETRO FIT KIT (MICRO CRIMP)	NP60
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200333	EN98-021-02	.520 DIE RING, SPLIT (RED)	NP60, EC30, WB60
200334	EN98-021-04	.670 DIE RING, SPLIT (YELLOW)	NP60, EC30, WB60
200335	EN98-021-05	.830 DIE RING, SPLIT (BLUE)	NP60, EC30, WB60
200336	EN98-021-06	1.100 DIE RING, SPLIT (GREEN)	NP60, EC30, WB60
200337	EN98-021-07	1.320 DIE RING, SPLIT (BLACK)	NP60, EC30, WB60
200338	EN98-021-08	1.500 DIE RING, SPLIT (BROWN)	NP60, EC30, WB60
200339	EN98-021-11	1.920 DIE RING, SPLIT (PURPLE)	NP60, EC30, WB60
200351	EN98-021-09	DIE RING, SPLIT (CLEAR)	NP60
200353	EN83-034	SCREW - EN82-095 DIE & EN82-109-01 DIE RING	NP60
200354	EN84-039	DIE SHELF COVER	NP60
200355	EN84-067	SHROUD	NP60
200356	EN84-068	BRACKET BASE	NP60
200357	EN84-069	FLANGE	NP60
200358	EN84-070	STRAIN ROD	NP60
200359	EN84-071	CONE BASE	NP60
200361	EN84-077	HYDRAULIC CYLINDER	NP60
200362	EN84-106	PUSHER	NP60
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200364	EN84-114	PUMP ASSEMBLY	NP60
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200368	EN86-012	COUPLING STOP ARM	NP60
200369	EN86-013	COUPLING STOP BRACKET	NP60
200370	EN86-039	CALIBRATION ROD	NP60
200371	EN92-145	COUPLING STOP GUIDE & LOCATOR	NP60
200372	EN94-029	SMALL PUSHER PLATE	NP60, WB60
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200461	EN94-024	CONE FLANGE ASSEMBLY	WB60
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200464	EN94-030	LARGE PUSHER PLATE	WB60
200465	EN94-039	ACTUATOR GUIDE	WB60
200473	EN98-032-03	1.500 DIE SET, SPLIT (BROWN)	WB60, DE100
200474	EN98-032-04	1.920 DIE SET, SPLIT (PURPLE)	WB60, DE100
200475	EN98-032-05	2.140 DIE SET, SPLIT (PINK)	WB60, DE100
200476	EN98-032-01	2.300 DIE SET, SPLIT (FLUORESCENT PINK)	WB60, DE100
200477	EN98-032-07	2.620 DIE SET, SPLIT (FLUORESCENT ORANGE)	WB60, DE100
200478	EN98-032-02	2.800 DIE SET, SPLIT (WHITE)	WB60, DE100
200479	EN98-032-06	2.500 DIE SET, SPLIT (TAN)	WB60, DE100
200480	LC-032E-4	DIE SPRING	WB60
201852	EN98-013-02	.520 DIE FINGER (RED)	NP60, EC30
201853	EN98-013-04	.670 DIE FINGER (YELLOW)	NP60, EC30

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201855	EN98-013-06	1.100 DIE FINGER (GREEN)	NP60, EC30
201856	EN98-013-07	1.320 DIE FINGER (BLACK)	NP60, EC30
201857	EN98-013-09	1.730 DIE FINGER (CLEAR)	NP60, EC30
201858	EN98-013-08	1.500 DIE FINGER (BROWN)	NP60, EC30
201859	EN98-013-11	1.920 DIE FINGER (PURPLE)	NP60, EC30
201862	EN98-011-01	1.500 DIE FINGER (BROWN)	WB60
201863	EN98-011-02	1.920 DIE FINGER (PURPLE)	WB60
201864	EN98-011-03	2.140 DIE FINGER (PINK)	WB60
201865	EN98-011-04	2.300 DIE FINGER (FLUORESCENT PINK)	WB60
201866	EN98-011-06	2.620 DIE FINGER (FLUORESCENT ORANGE)	WB60
201867	EN98-011-07	2.800 DIE FINGER (WHITE)	WB60
201868	EN98-011-05	2.500 DIE FINGER (TAN)	WB60
201871	EN98-028	DIE RING ALL DIES	WB60
201880	EN98-033-01	1.500 DIE RING DECAL (BROWN)	WB60
201881	EN98-033-02	1.920 DIE RING DECAL (PURPLE)	WB60
201882	EN98-033-03	2.140 DIE RING DECAL (PINK)	WB60
201883	EN98-033-04	2.300 DIE RING DECAL (FLUORESCENT PINK)	WB60
201884	EN98-033-06	2.620 DIE RING DECAL (FLUORESCENT ORANGE)	WB60
201885	EN98-033-07	2.800 DIE RING DECAL (WHITE)	WB60
201886	EN98-033-05	2.500 DIE RING DECAL (TAN)	WB60
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201891		3 1/2 INCH WIDE PLASTIC BIN	HYD CABINET
201892		7 INCH WIDE PLASTIC BIN	HYD CABINET
201893		3 1/2 INCH WIDE PLASTIC INSERTS	CABINET BINS, SML
201893A		7 INCH WIDE PLASTIC INSERTS	CABINET BINS, LG
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201895	100673	NP60 POTENTIOMETER (NEW STYLE)	NP60
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201898	EN98-048	POTENTIOMETER RETRO-FIT KIT	NP60
201899	EN98-049	RETRO FIT KIT FOR A WB60	WB60
201960		DAYCO HYDRAULIC COUPLING IDENTIFICATION KIT	
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201963	LC-022D-1	DIE SPRING	DE30, DE60, DE100, D105
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201965	EN00-006	DE60 CONTROL BOX	DE60
201966	EN00-004	MICROMETER ASSEMBLY	DE30, DE60, DE100
201967		DAYCO INDOOR/OUTDOOR SIGN	
201968	EN00-011	RELAY MODULE/MICRO CONTROL BOX	DE60
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201970	EN00-108	PUSHER	DE60
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201977	100753-BLUE	.830 DIE RING HALF	D206
201978	100753-GREEN	1.100 DIE RING HALF	D206
201979	100753-BLACK	1.320 DIE RING HALF	D206
201980	100753-BROWN	1.500 DIE RING HALF	D206
201981	100753-SILVER	1.730 DIE RING HALF	D206
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105955	BL08-M20F90TO-M	BL9325	97
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106835	BI04-02PS	KF04-02PS	128
106837	BI05-02PS	KF05-02PS	128
106839	BI06-04PS	KF06-04PS	128
106840	BI05-04PS	KF05-04PS	128
106841	BI06-06PS	KF06-06PS	128
106842	BI06-08PS	KF06-08PS	128
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106851	BI10-12PS	KF10-12PS	128
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107999	DC04-05FA	HY04-05FA	34
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108107	DC10-10OM	HY10-10OM	60
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108111	DC04-04FN	HY04-04FN	42
108112	DC04-06FN	HY04-06FN	42
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108116	DC08-08FN	HY08-08FN	42
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