

SECTION 08

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HOSE ASSEMBLIES

Pre-Made 1/2" ID - 2 WIRE HYDRAULIC HOSES

Working Pressure 4,000 PSI with 3-1/2" Bend Radius

Features:

MSHA approved and has a 4:1 safety factor. Additionally, it features an increased spike durability, tight bend radius durability.

Applications:

Meets or exceeds and can replace: SAE 100R2AT, SAE 100R16, SAE 100R17, SAE 100R19, DIN EN 857 2SC, DIN EN 853 2SN for most applications and is suitable for high to medium pressure use with hydraulic oils.

Braided Wire Hose Specs:

- ID: 1/2"
- OD: .81"
- Working Pressure: 3,989 psi
- Burst Pressure: 15,954 psi
- Bend Radius: 3.50"
- Hose Fitting Series: K-Series, RoHS compliant

Temperature:

-40° to +212° F
+248° F Max Intermittent

Tube:

Oil Resistant Synthetic Rubber

Reinforcement:

2-Wire High Tensile Steel Braids

Cover:

Abrasion, Ozone and Weather Resistant,
MSHA Flame Resistance Approval

Sparex#	PRE-MADE LENGTH
S.115228	(18" / 1 1/2 ft)
S.115229	(24" / 2 ft)
S.115230	(30" / 2 1/2 ft)
S.115231	(36" / 3 ft)
S.115232	(42" / 3 1/2 ft)
S.115233	(48" / 4 ft)
S.115234	(60" / 5 ft)
S.115235	(72" / 6 ft)
S.115236	(84" / 7 ft)
S.115237	(96" / 8 ft)
S.115238	(108" / 9 ft)
S.115239	(120" / 10 ft)
S.115240	(132" / 11 ft)
S.115241	(144" / 12 ft)
S.115242	(156" / 13 ft)
S.115243	(168" / 14 ft)

**1/2" Male NPT - Rigid and
1/2" Male NPT- Swivel**



Faster HYDRAULIC COUPLERS

Offering a complete line of OEM quality Hydraulic Couplers

- OEM Style
- Flat-Face Couplings
- Standard Couplings
- Dust Caps & Plugs
- Selected Items Available in Merchandising Snap Packs or Bulk
- Competitive Pricing
- Made in Italy

Complete Coupler Assemblies



w/ Tip - Poppet Style
3/8" Body Size
3/8" NPT - Female Thread
 Contains: Female Coupler Body & Male Tip
 Pressure must be relieved for two hand coupling & un-coupling.
Can Replace: Pioneer 4000-3P

S.147839	(Bulk each Set)
S.147840	(1 Set per Snap Pack)



w/ Tip - Poppet Style
1/2" Body Size
1/2" NPT - Female Thread
 Contains: Female Coupler Body & Male Tip
 Pressure must be relieved for two hand coupling & un-coupling.
Can Replace: Pioneer 4000-4, 4000-4P

S.118960	(Bulk each Set)
S.118893	(1 Set per Snap Pack)



w/ Tip - Poppet Style
1/2" Body Size
1/2" NPT - Female Thread
 Contains: Female Coupler 1/2" Body S.118961 - Male Tip 1/2" NPT S.118895
 Push/Pull coupling when clamp mounted. Breakaway one hand coupling and un-coupling.
Note:
S.128315 Single Clamp
S.128320 Double Clamp
Can Replace: Pioneer 4200-4, 4200-4P

S.118963	(Bulk each Set)
S.118964	(1 Set per Snap Pack)



1" Body Size
1" NPT - Female Thread
Can Replace: Pioneer 4000-6P
Pressure must be relieved for two handed coupling & uncoupling

S.154023	(Bulk each Set)
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Female Bodies



Poppet Style
3/8" Body Size
3/8" NPT - Female Thread
Can use with Male Tips: S.147837, S.147838
 Pressure must be relieved for two hand coupling & un-coupling.
Can Replace: Pioneer 4050-3P

S.147835	(Bulk each)
S.147836	(1 per Snap Pack)



Poppet Style
1/2" Body Size
1/2" NPT - Female Thread
Can use with Male Tips: S.118895, S.118897, S.118898, S.118899, S.118900
 Pressure must be relieved for two hand coupling & un-coupling.
Can Replace: Pioneer 4050-4, 4050-4P

S.118962	(Bulk each)
S.118894	(1 per Snap Pack)



Poppet Style
1/2" Body Size
1/2" NPT - Female Thread
Can use with Male Tips: S.118895, S.118897, S.118898, S.118899, S.118900
 Push/Pull coupling when clamp mounted. Breakaway one hand coupling and un-coupling.
Note:
S.128315 Single Clamp
S.128320 Double Clamp
Can Replace: Pioneer 4250-4, 4250-4P

S.118961	(Bulk each)
S.118896	(1 per Snap Pack)



Ball Style
1" Body Size
1" NPT - Female Thread
Can use with Male Tips: S.118898, S.118957
Can Replace: Pioneer 4050-6P
Pressure must be relieved for two handed coupling & uncoupling

S.153943	(Bulk each)
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Faster HYDRAULIC COUPLERS

Male Tips



Poppet Style
3/8" Body Size
3/8" NPT - Female Thread
 Can Replace: Pioneer 8010-3P

S.147837	(Bulk each)
S.147838	(2 per Snap Pack)



Ball style
1/2" Body Size
1/2" NPT - Female Thread
 Will work with ball or poppet style couplers.
 Can Replace: Pioneer 8010-4

S.118897	(Bulk each)
S.118956	(2 per Snap Pack)



Poppet Style
1/2" Body Size
1/2" NPT - Female Thread
 Can Replace: Pioneer 8010-4P

S.118895	(Bulk each)
S.118955	(2 per Snap Pack)



Poppet Style
1/2" Body Size
1/2" NPT - Female Thread
 w/ pressure relief valve to allow coupling when tip has residual pressure.
 Can Replace: Pioneer 8010-4P-DC

S.118898	(Bulk each)
S.118957	(2 per Snap Pack)



Poppet Style
1/2" Body Size
3/4"-16 O-Ring - Female Thread
 Can Replace: Pioneer 8010-15P

S.118899	(Bulk each)
S.118958	(2 per Snap Pack)



Poppet Style
1/2" Body Size
3/4"-16 O-Ring - Female Thread
 w/ pressure relief valve to allow coupling when tip has residual pressure.
 Can Replace: Pioneer 8010-15P-DC

S.118900	(Bulk each)
S.118959	(2 per Snap Pack)



Ball Type
1" Body Size
1" NPT - Female Thread
 Can Replace: Pioneer 4010-6P

S.153944	(Bulk each)
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OEM Replacement Couplers



Female Coupler
1/2" Body Size
22mm x 1.5 Male Thread - Break-a-way
 Push/Pull couple & un-couple with residual pressure on both coupler & tip side. Includes Break-away Function. Threads directly into valve body or rigid lines.
Fits: Ford/NH: T, TN, TS Series, MF: 300, 3000 Series, JD: 6000, 7000 Series, McCormick: MTX 120, MTX 135, MTX 150
Replaces: S.3049, 5179558, 86508779, E9NNR967AB, 3384874M4, 3384873M4, 1696241M92, AL166181, AL119348, 714213A2
S.112642 (1 per Snap Pack)



Female Coupler
 Can connect with residual pressure on female coupler & male tip. As is a breakaway coupler
Fits: Case/IH: 5120, 5130, 5140, 5150, 5220, 5230, 5240, 5250
Replaces: 93177C5, 93177C4, 93177C3, 93177C2, 93177C1

S.130752	(Bulk each)
S.130753	(1 per Snap Pack)



Female Coupler - Poppet Style
1/2" Body Size
3/8" BSPP - Male Thread with O-Ring
 Push-Pull Coupling, connectable with Male Tip under pressure. Includes Break-away Function.
Use Poppet style couplers for better sealing when coupling and uncoupling. Poppet and ball style couplers are compatible with each other
Fits: Kubota: Most "M" Series. MF: 4607M, 4608M, 4609M, 4610M
Replaces: 3C001-82010, 3C001-2030, 3Y201-82010, 7066738M91
S.113105 (Bulk each)
S.128811 (1 per Snap Pack)



Female Coupler
1/2" Body Size
22mm x 1.5 Male Thd - Break-a-way
 Connect w/ tip under pressure. Relieve pressure on coupler before un-coupling.
(approx 3" overall length)
Fits: Ford/NH: T, TN Series
Replaces: 5179557
S.119942 (1 per Snap Pack)

Faster HYDRAULIC COUPLERS

Flat-Face

Pressure Must Be Relieved Before Coupling Or Un-coupling!
All Faster Flat Face Couplers are rated at 5,000 PSI Operating Pressure and have a 4:1 Safety Factor!



Female Coupler

1/2" Body Size
1/2" NPT - Female Thread
 Hexagon End for easier tightening. Zinc-Nickel plating for greater corrosion resistance.
With twist Locking Collar to prevent accidental un-coupling.
Can Replace: Pioneer FEM-501-8FP, FEM-501-8FP-NL

S.118901 (1 per Snap Pack)

Male Tip

1/2" Body Size
1/2" NPT- Female Thread
 Large Hexagon End for easier tightening. Zinc-Nickel plating for greater corrosion resistance.
Can Replace: Pioneer FEM-502-8FP

S.118902 (1 per Snap Pack)

Female Coupler

1/2" Body Size
1 1/16"-12 O-Ring - Female Thread
 Hexagon End for easier tightening. Zinc-Nickel plating for greater corrosion resistance.
With twist Locking Collar to prevent accidental un-coupling.
Can Replace: Pioneer FEM-501-12FO, FEM-501-12FO-NL

S.118903 (1 per Snap Pack)

Male Tip

1/2" Body Size
1 1/16"-12 O-Ring - Female Thread
 Large Hexagon End for easier tightening. Zinc-Nickel plating for greater corrosion resistance.
Can Replace: Pioneer FEM-502-12FO

S.118904 (1 per Snap Pack)



Female Coupler

3/4" Body Size
1 1/16"-12 O-Ring - Female Thread
 Hexagon End for easier tightening. Zinc-Nickel plating for greater corrosion resistance.
With twist Locking Collar to prevent accidental un-coupling.
Can Replace: Pioneer FEM-751-12FO, FEM-751-12FO-NL

S.118905 (1 per Snap Pack)

Male Tip

3/4" Body Size
1 1/16"-12 O-Ring - Female Thread
 Large Hexagon End for easier tightening. Zinc-Nickel plating for greater corrosion resistance.
Can Replace: Pioneer FEM-752-12FO

S.118906 (1 per Snap Pack)

Bobcat OEM Flat-Face

Pressure Must Be Relieved Before Coupling Or Un-coupling!
All Faster Flat Face Couplers are rated at 5,000 PSI Operating Pressure and have a 4:1 Safety Factor!



Flat Face Coupler Body

1/2" Body Size
1 1/16" O-Ring Thread - Female
Fits: Bobcat Skidsteer: 763, 773, 853, 863, 864, 873, 963, 7753, Tractor Loader Backhoe: B100, B200, B250, B300, BL275, BL370, BL375, BL470, B475, B570, B575, Escavator: 320, 322, 323, 325, 328, 329, 331, 334, 335, 337, 341, 425, 428, 430, 435, E17, E32, E32I, E35, E35I, E42, E44, E55, E55W, E57W, E60, E62, E63, E80, E85
Replaces: 7246790

S.129789 (Bulk each)

Flat Face Coupler Tip

1/2" Body Size
1 1/16" O-Ring Thread - Female
Fits: Bobcat Skidsteer: 763, 773, 853, 863, 864, 873, 963, 7753, Tractor Loader Backhoe: B100, B200, B250, B300, BL275, BL370, BL375, BL470, B475, B570, B575, Escavator: 320, 322, 323, 325, 328, 329, 331, 334, 335, 337, 341, 425, 428, 430, 435, E17, E32, E32I, E35, E35I, E42, E44, E55, E55W, E57W, E60, E62, E63, E80, E85
Replaces: 7246777

S.129788 (Bulk each)

Faster HYDRAULIC COUPLERS

Dust Covers & Plugs



PVC Dust Cover - Std 1/2" Male Tips

(Bulk each)

Sparex#	Color
S.112764	Black
S.112762	Orange
S.112761	Blue
S.112765	Red
S.112766	Green
S.112763	Yellow

(2 per Snap Pack)

Sparex#	Color
S.119908	Black
S.119909	Orange
S.119910	Blue
S.119911	Red
S.119913	Green
S.119912	Yellow

PVC Dust Cover - Std 3/8" Male Tips

(Bulk each)

Sparex#	Color
-	Black
-	Orange
S.147849	Blue
S.147851	Red
S.147852	Green
S.147850	Yellow

(2 per Snap Pack)

Sparex#	Color
-	Black
-	Orange
S.147853	Blue
S.147855	Red
S.147856	Green
S.147854	Yellow



PVC Dust Cover

Orange
Flat Face Male Tips

1/2" Body Tip

S.113090	(1 per Snap Pack)
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3/4" Body Tip

S.113092	(1 per Snap Pack)
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PVC Dust Cover

Orange
Flat Face Female Coupler

1/2" Body Female Coupler

S.113091	(1 per Snap Pack)
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3/4" Body Female Coupler

S.113093	(1 per Snap Pack)
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PVC Dust Cover - Snap Shut/Spring Loaded

For use only with OEM Style S.112642 coupler.

(Bulk each)

Sparex#	Color
S.112752	Black
S.112749	Blue
S.112753	Red
S.112754	Green
S.112751	Brown
S.112750	Yellow

(2 per Snap Pack)

Sparex#	Color
S.119920	Black
S.119921	Blue
S.119922	Red
S.119924	Green
S.119925	Brown
S.119923	Yellow



SERIES COUPLINGS

Pioneer 3000 Series Couplings

3000 Series - High Pressure Quick Couplings

Features

- Machined from solid steel barstock for durability.
- The 3000 Series employs a threaded sleeve locking mechanism, mates with matching male threads on the Tip. The two halves must be manually threaded together for connection.
- Hard, chrome alloy balls are used for valving. They are spring loaded for positive seating of the valve.
- The valve provides a metal-to-metal seal between the ball and a coined seat.
- The body seal is polyurethane which resists high pressure extrusion.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.

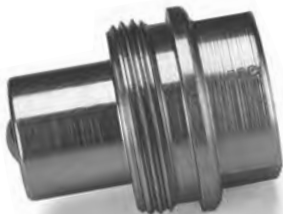
Applications

Pioneer 3000 Series couplings with their threaded union locking system and precision ball-type check valves, are designed for extreme high pressure applications such as found on portable hydraulic rams.

3000 Series Complete Coupler Female Thread



3000 Series Tip Female Thread



3000 Series Complete Coupler



Specifications

Body Size	1/4	3/8
Rated Pressure (PSI)	10,000	
Rated Flow (GPM)	3	6
Temperature Range (std seals)	-10° to +250°F	

Sparex#	Complete Coupling#	Body Size in.	Thread Size NPT	Sparex#	Coupling Pioneer#	Sparex#	Tip Pioneer#
S.128231	3000-2	1/4	1/4-18		-		-
S.128232	3000-3	3/8	3/8-18	S.128250	3050-3 Male Thd	S.128241	3010-3 Female Thd



SERIES COUPLINGS

Pioneer 4000 Series Couplings

4000 Series

Features

- Pressure must be relieved on both ends. Two-handed coupling & uncoupling.
- Poppet valves are available to prevent uncoupled leakage.
- Ball valves available for rugged dependability in heavy-duty hydraulic applications, within rated working pressures.
- Critical Pioneers are induction hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together and reduces hose twisting.
- These tips will fit all 1/2 in. female halves of 4000, 4200, 5000, 6600, 8200, 8450, and 9200 Series.
- Protective dust plugs and caps play a crucial role in the life of a quick coupling. See pages noted in the Table of Contents for information on dust plugs, caps and merchandising boxes.

Applications

The 4000 Series brings to the industry a proven design for use on agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

4000 Series Complete Coupling



4000 Series Coupler Female Thread



Specifications

Body Size	1/4	3/8	1/2	3/4	1
Rated Pressure (PSI)	3,000	3,000	3,000	3,000	3,000
Rated Flow (GPM)	3	6	12	28	50
Temperature Range (std seals)	-40° to +250°F				



Counter Display Boxes See Page 120

4000 Series Tip Female Thread



Sparex#	Complete Coupling Pioneer#	Body Size# in.	Thread Size NPT	Thread Overall ORB	Sparex#	Coupling Pioneer#	Sparex#	Tip Pioneer#
S.128262	4000-2P*	1/4	1/4-18	-	S.128276	4050-2P*	S.128268	4010-2 *
S.128263	4000-3P*	3/8	3/8-18	-	S.128277	4050-3P*	S.128269	4010-3 *
S.128264	4000-4	1/2	1/2-14	-	S.128278	4050-4	S.128448	8010-4
-	-	1/2	-	13/16 BSP	S.2961	-	S.4371	-
S.128265	4000-5	1/2	3/4-14	-	S.128279	4050-5	S.128450	8010-5
S.128260	4000-15	1/2	-	3/4-16	S.128275	4050-15	S.128446	8010-15
S.128261	4000-16	1/2	-	7/8-14	-	-	S.128447	8010-16
S.128295	4100-5	3/4	3/4-14	-	S.128297	4150-5	S.128296	4110-5
S.128266	4000-6P*	1	1-11 1/2	-	-	-	-	-

The Pioneer numbers for the 4000 Series Poppet Valve design are designated with a -P. (For example 4050-4P.)

* Poppet style valves are fully compatible with Ball type valves.

Replacement O-Ring



Body Size	1/2"	Sparex#
O-Rings - Buna N (Nitrile)	2-211N0552-90	S.110480

Import Replacement Pioneer for 4000-4 (Non-Pioneer)



Hydraulic Coupler Set	1/2" NPT	Sparex#
w/ Attached Dust Covers & Poppet Style Valves		S.61982

Pioneer 4200 Series Couplings

4200 Series

Features

- Double acting sleeve for one handed operation when coupler is clamp or bulkhead mounted.
- Ball valves available for rugged dependability in heavyduty hydraulic applications, within rated working pressures.
- Critical Pioneers are induction hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together and reduces hose twisting.
- Protective dust plugs and caps play a crucial role in the life of a quick coupling. See pages noted in the Table of Contents for information on dust plugs, caps and merchandising boxes.

Applications

The 4200 Series brings to the industry a proven design for use on agricultural machinery and other demanding hydraulic applications.

4200 Series Complete Coupler



4200 Series Coupler Female Thread



Specifications

Body Size	3/8	1/2
Rated Pressure (PSI)	3,000	3,000
Rated Flow (GPM)	6	12
Temperature Range (std seals)	-40° to +250°F	



Counter Display Boxes See Page 120

4200 Series Tip Female Thread



Sparex#	Complete Coupling#	Body Size# in.	Thread Size NPT	Thread Side ORB	Sparex#	Coupling Pioneer#	Sparex#	Tip Pioneer#
S.128299	4200-4	1/2	1/2-14	-	S.128303	4250-4	S.128448	8010-4
S.128298	4200-15	1/2	-	3/4-16	S.128302	4250-15	S.128446	8010-15



Replacement O-Ring

Body Size	1/2"	Sparex#
O-Rings - Buna N (Nitrile)		S.110480

Clamps



Break-away Clamps

	Sparex#	Single	Sparex#	Double
Use with 4200-4, 8200-4	S.128315	5100-4	S.128320	5006-4

Designed to be used with all couplings that have a 1-1/2" diameter sleeve





SERIES COUPLINGS

Pioneer 8200 Series Couplings

8200 Series

Features

- Unique valve design permits connection while either or both the coupler and Tip are under pressure.
- Double acting sleeve for one handed operation when coupler is clamp or bulkhead mounted.
- Critical Pioneers are hardened for durability.
- Dependable ball locking mechanism holds the mating halves together and reduces hose twisting.
- Protective dust plugs and caps play a crucial role in the life of a quick coupling. See pages noted in the Table of Contents for information on dust plugs, caps and merchandising boxes.

Applications

The 8200 Series brings to the industry a proven design for use on agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

8200 Series Complete Coupler



Pioneer 8200 Series Couplings

8200 Series Coupler Female Thread



Specifications

Body Size	1/2
Rated Pressure (PSI)	3,000
Rated Flow (GPM)	12
Temperature Range (std seals)	-40° to +250°F



Counter Display Boxes See Page 120

8200 Series Tip Female Thread



Sparex#	Complete Coupling#	Body Size# in.	Thread Size NPT	Thread Side ORB	Sparex#	Coupling Pioneer#	Sparex#	Tip Pioneer#
S.128557	8200-4	1/2	1/2-14	-	S.128561	8250-4	S.128448	8010-4
-	-	1/2	1/2-14	-	-	-	S.128449	8010-4P*
S.128555	8200-15	1/2	-	3/4-16	S.128559	8250-15	S.128446	8010-15
S.128556	8200-16	1/2	-	7/8-14	S.128560	8250-16	S.128447	8010-16

*The Pioneer numbers for the Poppet Valve design are designated with a -P.

Replacement O-Ring



Body Size	1/2"	Sparex#
O-Rings - Buna N (Nitrile)	50005-211-0202	S.110267

Clamps



Break-away Clamps

	Sparex#	Single	Sparex#	Double
Use with 4200-4, 8200-4	S.128315	5100-4	S.128320	5006-4

Designed to be used with all couplings that have a 1-1/2" diameter sleeve





SERIES COUPLINGS

Pioneer 8450 Series Couplings

8450 Series

Features

- Easy push/pull connection and disconnection under system pressure with breakaway feature.
- An enclosed outer housing that allows all connecting motion to be internal thereby preventing dust and dirt build up around sleeve mechanism for ease of operation.
- This coupling can be mounted directly to a valve or rigid tubing eliminating hose assemblies saving you cost and space behind your tractor.
- This coupling will accept either the Pioneer 8010-4 or 8010-4P type ISO Male Tip.
- Protective dust plugs and caps play a crucial role in the life of a quick coupling. See pages noted in the Table of Contents for information on dust plugs, caps and merchandising boxes.

Applications

Patented features of the 8450 permit connection of the female body to the male tip while either or both are under pressure. Valves in both halves remain closed, opening only when system pressure has been relieved on female body and then reapplied. The enclosed outer housing allows all connecting motion to be internal thereby preventing dust and dirt build-up around sleeve mechanism. Pioneer 8450 Series couplings may be used with either an open center or a closed center hydraulic system that has a control valve. This coupling can also be mounted directly to a valve or rigid tubing eliminating hose assemblies and the need for a breakaway clamp.

8450 Series Complete Coupler



8450 Series Coupler



Specifications

Body Size	1/2
Rated Pressure (PSI)	3,000
Rated Flow (GPM)	12
Temperature Range (std seals)	-40° to +250°F

8450 Series Tip Female Thread



Sparex#	Complete Coupling#	Body Size# in.	Thread Size NPT	Thread Side ORB	Sparex#	Coupling Pioneer#	Sparex#	Tip Pioneer#
-	-	1/2	-	7/8-14	S.128563	8450-16 Female Thd	S.128447	8010-6

Clamps



Break-away Clamps

	Sparex#	Single	Sparex#	Double
Use with 4200-4, 8200-4	S.128315	5100-4	S.128320	5006-4

Designed to be used with all couplings that have a 1-1/2" diameter sleeve





SERIES COUPLINGS

Pioneer 9500 Series

9500 Series - Zero Pressure Connection Coupler

The 9500 Series Coupler Allows You To:

- Always connect or disconnect at “zero pressure” even with pressurized lines
- Positively lock the valves in the open position
- Accepts any male tip that meets the industry standard (Pioneer 8010)
- Color-coded levers to identify raise and lower lines
- Minimizes spillage, eliminates spraying
- Easily connect or disconnect with one hand (clamp mounted)
- No back flow-checking
- Patented design

By turning the rugged, color-coded lever to “Open” you lock open the valves in both the female body and the male tip, so they are unaffected by rapid variations in fluid flow. But, inadvertently turning the lever to Open without a male tip in place will not result in oil flow. The 9250 Series design prevents this from happening.

Valves will close automatically in the case of a breakaway. In the Closed position the 9250 shuts off oil flow at the remote outlet. This allows for easy, sprayless, zero-pressure connecting or disconnecting and for additional safety when working on an implement.



Can be stacked together for additional outlets

9500 Series - Zero Pressure Connection Coupler



Sparex#	Kit Pioneer#	Body Size# in.	Thread Press (PSIG)	Rated Size in.
S.128571	9500-4	1/2 NPT	1/2-14	3000
S.128570	9500-16	7/8 -14 O-Ring Boss	1/2-14	3000

Tips Not Included.

Order: S.128448 (8010-4, 1/2NPT), S.128446 (8010-15, 3/4-16ORB), S.128447 (8010-16, 7/8-14ORB)

*Kit Contains: 2x Female Bodies, 1x Automatic Dust Cover, 1x Double Breakaway Clamp

Pioneer 8700 Series

8700 Series ISO Conversion Kit - International Harvester

Upgrade International Harvester tractors to accept ISO male tips models 1971 to 1983.

- Converts lever style tractors to accept ISO interchange male tips
- Easy push/pull connect and disconnection
- Reduced pressure drop – longer system life
- Simple, fast installation
- Patented dust cap keeps dust and dirt out

8700 Conversion Kit

8700 (Tips Not Included)

Order: S.128448 (8010-4, 1/2NPT), S.128446 (8010-15, 3/4-16ORB), S.128447 (8010-16, 7/8-14ORB)





SERIES COUPLINGS

Pioneer FF Series Couplings

FF Series

Features

- Sleeve locking mechanism is engaged by rotating sleeve after connection. It prevents accidental disconnection.
- Sleeve is designed to prevent dirt from entering the internal mechanism and therefore reduces sleeve binding. The sleeve covers the retaining ring and incorporates a dust seal in the spring area.
- Hardened Tips and sleeves provide maximum resistance to damage from hydraulic and mechanical shock.
- Anti-Blowout BFT seal is designed to prevent blow-out or damage during severe service conditions.
- Durable ball-locking mechanism assures reliable connections. A large number of locking balls distribute the load evenly while providing swivel action to reduce hose torque and prolong hose life. CAUTION: These products are not to be used as swivels. Rotation under pressure will result in excessive and premature wear.
- Female pipe (NPSF) and SAE O-Ring Boss ports are available as standard.
- FF Series couplings employ flush valving. The valves are mated together so that only small amounts of fluid are lost during disconnection and there is minimal air inclusion during connection.

Applications

FF Series couplings were designed for the mobile equipment market and are used extensively on skid steer loaders. The non-spill feature eliminates hydraulic spillage and air inclusion when connecting or disconnecting hydraulic attachments. FF Series are also ideal for many other applications where hydraulic spillage is a concern and global interchangeability with other manufacturers is important.

FF Series Complete Coupler



Specifications

Body Size	1/2	3/4
Rated Pressure (PSI)	3,000	3,000
Rated Flow (GPM)	12	28
Temperature Range (std seals)	-40° to +250°F	
Spillage (ML) (max. per disconnect)	.020	.150
Air Inclusion (ML) (max. per connect)	.070	.100

FF Series Coupler



Body Size# in.	Thread Size	Pioneer# Coupler	Sparex#
1/2	1 1/2-14 NPSF	FF-501-8FP	S.110345
1/2	7/8-14 UNF	FF-501-10FO	S.110490
3/4	1 1/16-12 UNF	FF-751-12FO	S.110489

FF Series Tip



Body Size# in.	Thread Size	Pioneer# Coupler	Sparex#
1/2	1 1/2-14 NPSF	FF-502-8FP	S.110271
1/2	7/8-14 UNF	FF-502-10FO	S.110351
3/4	1 1/16-12 UNF	FF-752-12FO	S.110435



SERIES COUPLINGS

Pioneer FEM Series Couplings

FEM Series - Compatible with FE Series

Features

- Meets or exceeds ISO 16028 specification design and test requirements
- Wider size variations and increased pressures over FE couplers
- ISO-16028 Interface for universal interchangeability
- Modular design for increased flexibility with fitting port options
- Brinell relief on male half to increase life and resist wear
- Induction hardened locking surface to resist brinelling, damage and abuse
- Heat Treated components to resist scratches and wear
- Smooth flow path for low pressure drop
- Heavy locking collar to resist damage and abuse
- Anti-blowout Nitrile and BFT male half seal prevents damage and premature failure with residual system pressure
- Crimped valve seal prevents seal washout
- Steel guide to resist damage on breaker applications
- Push-to-connect locking mechanism

Applications

Parker FEM Series couplings are designed to meet the stringent design and pressure requirements of ISO 16028. The FEM modular design also facilitates wider variations in fitting options. Parker FEM couplers are designed for use in the construction, utility and agricultural equipment markets. As with all Parker flush-face designs the non-spill feature eliminates hydraulic spillage and air inclusion when connecting or disconnecting hydraulic attachments. The FEM Series is also ideal for many other applications where hydraulic spillage is a concern and global interchangeability with other manufacturers is important.

FEM Series Complete Coupler



Specifications

Body Size	1/2	3/4
Rated Pressure (PSI)	3,725	3,625
Rated Flow (GPM)	12	20
Temperature Range (std seals)	-40° to +250°F	
Spillage (ML) (max. per disconnect)	.020	.30

FEM Series Coupler



Body Size# in.	Thread Size	Pioneer# Coupler	Sparex#
1/2	1 1/2-14	FEM-501-8FP-NL	S.110344
1/2	7/8-14	FEM-501-10BMF-NL	S.110197*
1/2	1 1/16-12	FEM-501-12FO-NL	S.110382
5/8	1 1/16-12	FEM-621-12FO-NL	S.110540

FEM Series Tip



Body Size# in.	Thread Size	Pioneer# Coupler	Sparex#
1/2	1 1/2-14	FEM-502-8FP	S.110488
1/2	7/8-14	FEM-502-10BMF	S.110198*
1/2	1 1/16-12	FEM-502-12FO	S.110380
5/8	1 1/16-12	FEM-622-12FO	S.110538

*Bulk Head Mount



FLUSH-FACE QUICK COUPLINGS CHART

Flush-Face Quick Couplings for Skid Steer Loaders and Attachments

FEM Coupling

Features

- Designed for use with construction, utility and agricultural equipment.
- Meets or exceeds the design and testing requirements of ISO 16028 standard.
- Flush-face design eliminates hydraulic spillage and air inclusion when connecting or disconnecting.
- ISO 16028 interface permits global interchangeability.
- Push-to-connect function for ease of use.
- Steel body material with trivalent zinc plating.
- Blow-out resistant nipple seal.



To Use This Chart: Find the manufacturer in the left column. Locate the appropriate model number to the right. At the top of that column is the correct replacement coupling for your model. Visually inspect the thread port option to verify that it closely matches yours. Manufacturers routinely make changes during a model year, so a visual inspection is very important. This chart is a reference tool only, and does not guarantee a proper fit on a specified model.

Note: This chart lists 1/2" body size couplings that have the same interface design used on all Skid Steer models. Only the port connections are different. Some manufacturers may offer a high flow option that could utilize a 3/4" coupler and nipple. Common 3/4" Parker Pioneer numbers are FEM-751-12FO-NL and FEM-752-12FO.

Don't Forget to Replace Your Dust Plugs and Caps Too.

FEM Series Non-Spill Couplings	FEM-501-10BMF-NL FEM-502-10BMF	FEM-501-10FO-NL FEM-502-10FO	FEM-501-10BMS-NL FEM-502-10BMS	FEM-501-12FO-NL FEM-502-12FO	FEM-501-8FP-NL FEM-502-8FP
Skid-Steer Mfg	Bulkhead; 5/8" flare fitting	Female O-ring boss; 7/8-14 UNF thread	Bulkhead; 5/8" O-ring face seal	Female O-ring boss; 1 1/16-12 UNF thread	Female pipe; 1/2-14 NPSF thread
Bobcat (2001 or Older)		1 463, 553, 753, 763		1 773, 863 873, 963	
Caterpillar		2 216B, 226B, 232B, 236B, 242B, 246B, 248B 252B, 262B, 268B	2 216B, 226B, 232B, 236B, 242B, 246B, 248B 252B, 262B, 268B		
John Deere			317, 320	325, 328, 332	
New Holland	3 LS140, LS150, LS160, LS170, LS180, LS185, LS190	3 LS140, LS150, LS160, LS170, LS180, LS185, LS190		FF-501-8FP	
Case (2001 or Newer)	3,6 410, 420, 430, 435, 440, 445, 450, 465	3,6 410, 420, 430, 435, 440, 445, 450, 465		FF-501-8FP	
Gehl/Mustang	4 4640, 4840, 5640, 6640			4 4640, 4840 5640, 6640	
Volvo		MC60, MC70, MC80		MC90, MC110	
Attachments	5 All Skid Steer Attachments			5 All Skid Steer Attachments	5 All Skid Steer Attachments

NOTES: 1 Bobcat 2001 or older models use these styles. Newer Bobcat units will use a cartridge version not available from Parker.
2 Caterpillar models will use either a 10FO or 10BMS unit. You can purchase a 10FO and put an adapter in it to create a 10BMS.
3 Case or New Holland Models 2000 to 2003 will use the 10FO port thread. CNH models 2004 or newer will use the 10BMF connection.

4 Gehl 2004 or older models use the 12FO port thread. 2005 or newer models use the 10BMF Pioneer number.
5 Most Skid Steer manufacturers use the 10FO, 12FO or 8FP. The 8FP port option is the most popular connection for attachments.
6 Case Models 2000 or older use an FF Series interchange. FF is not interchangeable with FEM Series



Water Hose Quick Coupler

Features

- Brass and stainless steel construction for heavy duty service.
- Durable 4-ball locking mechanism for secure connections and reduced brinelling.
- Quality, temperature-resistant nitrile seals for a leak-free service life.

Applications

Pioneer Water Service Couplings are used anywhere water hoses are connected and disconnected frequently. They are used on a wide variety of applications including garden hoses, wash down systems, mobile water tank lines, milking parlour equipment, and livestock watering systems. The unvalved design permits maximum flow with minimum pressure drop.

Water Hose Series Complete Coupling



Water Hose Series Coupling



Coupler Female Thread - Spigot



Tip male Thread - for Hose



Specifications

Body Size	3/4
Rated Pressure (PSI)	200
Rated Flow (GPM)	28
Temperature Range (std seals)	-40° to +250°F

Sparex#	Complete Coupling#	Body Size# in.	Thread Size NPT	Sparex#	Coupling Pioneer#	Sparex#	Tip Pioneer#
S.128192	1163-MB	3/4	3/4-11 1/2	-	-	S.128191	1163-61

Replacement

Washer	4730001
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OEM REPLACEMENT COUPLINGS

JI Case

5080-4, Male Tip. Connects with JI Case A28542 and similar female bodies. Has positive sealing poppet valve and shielded valve retainer to prevent flow checking. Case hardened and zinc plated for long service.



Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
JI Case Old Style Male Tip	A160884	S.128332	5080-4	1/2 NPT	3000

Ford

8010-4P, Male Tip. Connects with Ford and similar female bodies. Has positive sealing poppet valve.



Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
Ford	9801618	S.128449	8010-4P	1/2 NPT	3000

John Deere

* Pioneer has an exclusive license to manufacture products to the exact interchange dimensions of the patented John Deere design.

* **5060-4, Male Tip.** Fits John Deere AR47331 sleeve-type female bodies. Has durable chrome alloy precision ball valve. Induction hardened at the locking groove to minimize brinelling, and zinc plated for corrosion protection.

* **5060-15, Male Tip.** Also fits John Deere AR47331 (See 5060-4), but has 3/4-16 O-ring boss thread.



Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
John Deere Male Tip	RE-11447	S.128327	5060-4	1/2 NPT	3000
John Deere Male Tip	AR30210 (old) AR93819 (new)	S.128326	5060-15	3/4 O-Ring Boss	3000

4056-4, Female Body. Connects with John Deere AR30210 and Pioneer 5060-4 male tips. Interchange for John Deere AR47331 female body. Has a single acting sleeve and will connect only after trapped pressure has been released.

4056-15, Female Body. Connects with John Deere AR30210 and Pioneer 5060-15 male tips. Interchange for John Deere AR47331 female body. Has single-acting sleeve.



Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
John Deere Female Body	N.A.	S.128281	4056-4	1/2 NPT	3000
John Deere Female Body	AR47331 (old) RE15361 (new)	S.128280	4056-15	3/4 O-Ring Boss	3000



Counter Display
Boxes See Page 120



OEM REPLACEMENT COUPLINGS

International Harvester



5070-4, Male Tip. Fits I-H 544788R1 and Pioneer 4057-4 female bodies. Precision ball-check valving. Heat treated and zinc plated for resistance to wear and corrosion.

Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
IH Male Tip	1272770	S.128329	5070-4	1/2 NPT	3000



5070-16, Male Tip. Fits I-H 544788R1 (See 5070-4), but has 7/8 -14 O-ring boss thread.

Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
IH Male Tip	544787R91	S.128328	5070-16	7/8 O-Ring Boss	3000



5077-4, Male Tip. Fits I-H 395150-R1 (gold style) female bodies. Positive sealing poppet valve. Heat treated and zinc plated for resistance to wear and corrosion.

Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
IH Male Tip	395151R1	S.128331	5077-4	1/2 NPT	3000



5077-16, Male Tip. Fits I-H 395150-R1 (See 5077-4), but has 7/8 -14 O-ring boss thread. Gold chromate finish and notched hex for easy identification.

Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
IH Male Tip	395149R1	S.128330	5077-16	7/8 O-Ring Boss	3000



4057-4, Female Body. Connects with I-H 544787R91 and Pioneer 5070-4 male tips. Interchange for I-H 544788R1 female body. Has single-acting sleeve; trapped pressure must be released to make connection. Precision ball-check valving. Zinc plated.

Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
IH Female Body	544787R1	S.128282	4057-4	1/2 NPT	3000

Other Tractor Manufacturer Specifications



8010 Series Universal Male Tip.

The standard male tip of the agricultural industry. Rugged, reliable ball valve and induction-hardened locking ball groove. Shielded valve plus valve stop eliminates flow checking when used with connect under- pressure type female bodies. Tapered hex design for easy identification.

Product Description	OEM Pioneer#	Sparex#	Pioneer#	Thread Size in.	Rated Pressure (PSIG)
Massey-Ferguson Male Tip	242678M91	S.128448	8010-4	1/2 NPT	3000
John Deere Male Tip O-Ring Boss	AR94522	S.128899	8010-15P	3/4-16	3000
Massey-Ferguson Male Tip O-Ring Boss	1026700M91	S.128446	8010-15	3/4-16	3000






















Counter Display Boxes See Page 120



ADAPTERS

In order to select your Pioneer Adapter:

1. Follow down the vertical column on the left until you find the female body on the back of your tractor.
2. Read horizontally along this row of adapters until it intersects with the column under the male tips on your implement line. For example: The proper adapter to hook up an implement with a Pioneer style female body to an old style J.I. Case male tip would be Pioneer Adapter 4085-4

Male Tip / Female Body	John Deere	Pioneer ISO Tip	International Harvester	J.I. Case (old)
	No Adaptor Required	S.128283 / 4060-4 	S.128281 / 4076-4 	NA
	S.128285 / 4065-4L 	No Adaptor Required	S.128290 / 4075-4L 	NA
	S.128286 / 4067-4 	S.128288 / 4070-4 	No Adaptor Required	NA
	S.128287 / 4068-4 	S.128292 / 4080-4 	No Adaptor Required	NA
	S.128285 / 4065-4L 	No Adaptor Required	S.128290 / 4075-4L 	NA
	S.128284 / 4065-4 	No Adaptor Required	S.128289 / 4075-4 	S.128293 / 4085-4 

(* Pioneer Numbers: 4050, 4250, 8250, 8250, 9250)

How to Connect Using an Adapter



- Step 1** Relieve trapped pressure in the implement line.
- Step 2** Connect male tip on the implement line into the adapter.
- Step 3** Connect the Adapter into the female body.

To Disconnect Reverse the above procedure:

- Step 1** Disengage adapter from female body,
- Step 2** Disengage male tip from adapter.



MERCHANDISING BOXES



Quick Couplers & Male Tips - 5 per Box

Sparex#	Pioneer#	Description	Order Qty*
S.128264	4000-4	1/2" Complete Coupling 1/2" NPT	5
S.128299	4200-4	1/2" Complete Coupling 1/2" NPT	5
S.118963	4200-4P	1/2" Complete Coupling (Poppet Valve) 1/2" NPT	5
S.128557	8200-4	1/2" Complete Coupling (Poppet Valve) 1/2" NPT	5

Male Tips - 10 per Box

Sparex#	Pioneer#	Description	Order Qty*
S.128448	8010-4	1/2" Male Tip 1/2" NPT	10
S.128449	8010-4P	1/2" Male Tip (Poppet Valve) 1/2" NPT	10
S.128327	5060-4	1/2" John Deere Male Tip 1/2" NPT	10
S.128326	5060-15	1/2" John Deere Male Tip 3/4" ORB	10
S.128329	5070-4	1/2" IH Male Tip 1/2" NPT	10
S.128328	5070-16	1/2" IH Male Tip 7/8" ORB	10
S.128331	5077-4	1/2" Old Style IH Male Tip 1/2" NPT	10
S.128330	5077-16	1/2" Old Style IH Male Tip 7/8" ORB	10
S.128332	5080-4	1/2" Old Style J. I. Case Male Tip 1/2" NPT	10

Female Couplers - 5 per Box

Sparex#	Pioneer#	Description	Order Qty*
S.128278	4050-4	1/2" Female Body 1/2" NPT	5
S.118962	4050-4P	1/2" Female Body (Poppet Valve) 1/2" NPT	5
S.128281	4056-4	1/2" John Deere Female Body 1/2" NPT	5
S.128280	4056-15	1/2" John Deere Female Body 3/4" ORB	5
S.128282	4057-4	1/2" IH Female Body 1/2" NPT	5
S.128303	4250-4	1/2" Female Body 1/2" NPT	5
S.128561	8250-4	1/2" Female Body 1/2" NPT	5

Adapters - 5 per Box

Sparex#	Pioneer#	Description	Order Qty*
S.128283	4060-4	Pioneer Male Tip to John Deere Female Body	5
S.128284	4065-4	John Deere Male Tip to Pioneer Female Body	5
S.128286	4067-4	John Deere Male Tip to Inter. Harvester Female Body	5
S.128287	4068-4	John Deere Male Tip to Old Style J. I. Case Female Body	5
S.128288	4070-4	Pioneer Male Tip to Inter. Harvester Female Body	5
S.128289	4075-4	IH Male Tip to Pioneer Female Body	5
S.128292	4080-4	Pioneer Male Tip to Old Style J. I. Case Female Body	5
S.128293	4085-4	Old Style J. I. Case Male Tip to Pioneer Female Body	5

Water Hose Couplings - 10 per Box

Sparex#	Pioneer#	Description	Order Qty*
S.128192	1163MB	Complete Coupling	10

*Must order in multiples of 5 or 10 pieces to receive box display.

Example:
Order 4000-4 x 5 and receive 1 box of 5 complete couplers priced individually.

9500 Series

Contains 9200 Series couplers and accessories. For connect and disconnect at zero pressure, even with pressurized lines.
S.128571 / 9500-4 (1/2" Pipe)
S.128570 / 9500-16 (7/8"-14 O-Ring)



8700 Series ISO Conversion Kit

8700 Kit
 Upgrade International Harvester tractors to accept ISO male tips models 1971 to 1983.
 • Converts lever style tractors to accept ISO interchange male tips
 • Easy push/pull connect and disconnection
 • Reduced pressure drop – longer system life
 • Simple, fast installation
 • Patented dust cap keeps dust and dirt out



S.128564 / 8500 Series

S.128564 / 8500 Series
 Contains 8200 Series couplings and accessories. For connections having pressure on either tractor side or implement lines, or both.
8500-4 Kit contains:
 • (2) 8250-4 female bodies
 • (2) 5205-4M dust plugs
 • (2) 8010-4 male tips
 • (2) 5209-4M dust caps
 • (1) 5006-4 clamp





DUST PLUGS & CAPS

Dust Plugs and Caps

Applications

Pioneer offers a complete line of dust plugs and caps for their quickcouplings. Dust plugs and caps serve a twofold function. They keep the mating surfaces clean, reducing contamination and protect the coupling halves when they are disconnected. When ordering the dust cap/plug body size must correspond to that of the coupler or Tip.

Molded Rubber

Fits: 4000, 4200, 5000, 8200 Series Couplers and 8010 Tips



Dust Plug



Dust Cap

Body Size# in.	Sparex#	Plug# Pionner	Cap# Economy	Cap# Pioneer	Color	Agripak# & Qty Sparex
1/4	S.128335	5205-2M	S.128341	5209-2M	Black	
3/8	S.128336	5205-3M	S.128342	5209	Black	
3/8	S.3850	-	S.3851	-	Orange	S.3885x4
1/2	S.128338	5205-4M	S.128344	5209-4M	Black	
1/2	S.110339	5205-4M-BU	S.110249	5209-4M-BU	Blue	
1/2	S.110419	5205-4M-GR	S.110213	5209-4M-GR	Green	
1/2	S.3852	-	S.3853	-	Orange	S.3886x4
1/2	S.110431	5205-4M-RE	S.110337	5209-4M-RE	Red	
1/2	S.110338	5205-4M-YE	S.110395	5209-4M-YE	Yellow	
3/4	S.128339	5205-5M	S.128345	5209-5M	Black	
1	S.128340	5205-6M	-	-	Black	

Molded Rubber

Fits: 4000, 4200, 5000, 8200 Series Couplers and 8010 Tips



Dust Plug

Dust Cap

Body Size# in.	Sparex#	Plug# Pionner	Cap# Economy	Cap# Pioneer	Color
1/2	S.128337	5205-4	S.128343	5209-4	Black
1			S.128346	5209-6	Black

Nylon Automatic Dust Cap

Fits: 9500 Series: 9500-4, 9500-16 International Harvester Kits only



Body Size# in.	Nylon Automatic Dust Plug	Assembly Sparex#
1/2	9507-4-1H	S.110381

All Steel with Chain



Dust Plug

Dust Cap

Body Size# in.	Sparex#	Plug# Pionner	Cap# Economy	Cap# Pioneer
3/8	S.128239	3005-3*	S.128240	3009-3*
1/2	S.128319	5005-4**	S.128321	5009-4**

* Use with 3000 Series Coupler only

**Use with 4000 Series Coupler and 8010 Tip

HR2C Pioneer® Farmex II, Hybrid

SAE 100R2/100R16 43 Series Fittings Sold per Foot

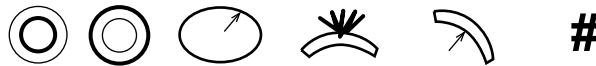


Sparex#	Pioneer#	Hose ID in.	Hose OD in.	Working Pressure psi	Minimum Bend Radius in.	Parkrimp Fitting Series	Approx Spool Feet	Wire Braid Construction
S.164375	HR2CR04	1/4"	0.57"	5,000	2"	43	250	2
S.147826	HR2C06	3/8"	0.68"	4,000	2 1/2"	43	250	1
S.147827	HR2C08	1/2"	0.82"	3,500	3 1/2"	43	250	1
S.147828	HR2C12	3/4"	1.10"	2,250	4 3/4"	43	250	1
S.147829	HR2C16	1"	1.45"	2,000	6"	43	250	2

SEE PAGE 141 FOR CRIMPING DIES

AG2 - Pioneer Hydraulic No-Skive Hose 2 Wire

SAE 100R2 Type AT 43 Series Fittings Sold per Foot



Sparex#	Pioneer#	Hose ID in.	Hose OD in.	Working Pressure psi	Burst Pressure psi	Minimum Bend Radius in.	Weight lbs/ft	Parkrimp Fitting Series	Appr. Spool Feet
S.128591	AG2-4	1/4"	0.59"	5,000	20,000	4"	0.26	43	300
S.128592	AG2-6	3/8"	0.75"	4,000	16,000	5"	0.37	43	200
S.128593	AG2-8	1/2"	0.88"	3,500	14,000	7"	0.45	43	200
S.128588	AG2-10	5/8"	1.00"	2,750	11,000	8"	0.52	43	200
S.128589	AG2-12	3/4"	1.16"	2,250	9,000	9 1/2"	0.67	43	200
S.128590	AG2-16	1"	1.50"	2,000	8,000	12"	1.00	43	120

SEE PAGE 141 FOR CRIMPING DIES

HTB Pioneer Hose - High Pressure 2 Wire

Sold per Foot



Sparex#	Pioneer#	Hose ID in.	Hose OD in.	Working Pressure psi	Burst Pressure psi	Minimum Bend Radius in.	Parkrimp Fitting Series	Approx Spool Feet
S.128613	HTB08	1/4"	0.89"	5,000	20,000	7"	43	250
S.128614	HTB12	3/4"	1.17"	4,000	16,000	9 1/2"	43	250
S.128615	HTB16	1"	1.51"	3,500	14,000	12"	43	250

SEE PAGE 141 FOR CRIMPING DIES

387 - Pioneer Hydraulic Hose

Constant Working Pressure
ISO 18752- BC Sold per Foot



Sparex#	Pioneer#	Hose ID in.	Hose OD in.	Working Pressure psi	Minimum Bend Radius in.	Weight lbs/ft	Parkrimp Fitting Series	Appr. Spool Feet
S.130316	387-20	1 1/4"	1.82"	3,000	8 1/4"	1.74	43	150

SEE PAGE 141 FOR CRIMPING DIES



HOSE, 43 SERIES PIPE FITTINGS - NPT

487 - Pioneer Hydraulic Hose

Constant Working Pressure
ISO 18752- AC 2 Wire Sold per Foot



Sparex#	Pioneer#	Hose ID in.	Hose OD in.	Working Pressure psi	Minimum Bend Radius in.	Weight lbs/ft	Parkrimp Fitting Series	Appr. Spool Feet
S.147830	487-6	3/8"	0.68"	4,000	2 1/2"	0.28	43	385
S.147831	487-8	1/2"	0.81"	4,000	3 1/2"	0.35	43	425
S.145169	487-12	3/4"	1.10"	4,000	4 3/4"	0.58	43	250
S.145170	487-16	1"	1.49"	4,000	6"	1.34	43	150

SEE PAGE 141 FOR CRIMPING DIES

787 - Pioneer Hydraulic Hose

Constant Working Pressure
ISO 18752- AC Sold per Foot

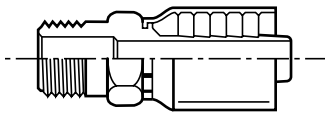


Sparex#	Pioneer#	Hose ID in.	Hose OD in.	Working Pressure psi	Minimum Bend Radius in.	Weight lbs/ft	Parkrimp Fitting Series	Appr. Spool Feet
S.130317	787-6	3/8"	0.68"	5,000	2 1/2"	0.28	43	385

SEE PAGE 141 FOR CRIMPING DIES

10143 Male NPT Pipe

Rigid - Straight



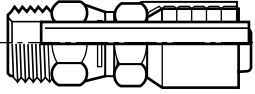
Sparex#	Pioneer#	Thread in.		Hose ID in.	
S.110254	10143-2-4	1/8x27	-2	1/4	-4
S.3510404	10143-4-4	1/4x18	-4	1/4	-4
S.351060	10143-6-4	3/8x18	-6	1/4	-4
S.110224	10143-8-4	1/2x14	-8	1/4	-4
S.110348	10143-4-6	1/4x18	-4	3/8	-6
S.3510606	10143-6-6	3/8x18	-6	3/8	-6
S.3510806	10143-8-6	1/2x14	-8	3/8	-6
S.6900000	10143-6-8	3/8x18	-6	1/2	-8
S.3510808	10143-8-8	1/2x14	-8	1/2	-8
S.110457	10143-12-8	3/4x14	-12	1/2	-8
S.110309	10143-6-10	3/8x18	-6	5/8	-10
S.110278	10143-8-10	1/2x14	-8	5/8	-10
S.110203	10143-12-10	3/4x14	-12	5/8	-10
S.110425	10143-8-12	1/2x14	-8	3/4	-12
S.110289	10143-12-12	3/4x14	-12	3/4	-12
S.110329	10143-16-12	1x11-1/2	-16	3/4	-12
S.110202	10143-12-16	3/4x14	-12	1	-16
S.110409	10143-16-16	1x11-1/2	-16	1	-16
S.130300	10143-20-20	1-1/4x11-1/2	-20	1-1/4	-20



43 SERIES PIPE FITTINGS - NPT

11343 Male NPT Pipe

Swivel - Straight

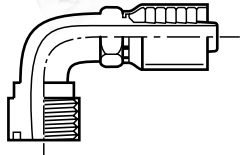


Sparex#	Pioneer#	Thread in.		Hose ID in.	
S.110260	11343-2-4	1/8x27	-2	1/4	-4
S.110426	11343-4-4	1/4x18	-4	1/4	-4
S.110415	11343-6-4	3/8x18	-6	1/4	-4
S.110330	11343-4-6	1/4x18	-4	3/8	-6
S.110230	11343-6-6	3/8x18	-6	3/8	-6
S.110358	11343-8-6	1/2x14	-8	3/8	-6
S.110477	11343-6-8	3/8x18	-6	1/2	-8
S.110312	11343-8-8	1/2x14	-8	1/2	-8
S.110209	11343-12-12	3/4x14	-12	3/4	-12
S.110464	11343-16-16	1x11-1/2	-16	1	-16

Note: The fitting allows minor movements under pressure to relieve stress on hose. It is **not** to be used for continuous or extensive swiveling. **Note:** O-Ring not compatible with Phosphate Ester Fluids.

11L43 Male NPT Pipe

Swivel under Pressure - 90° Elbow



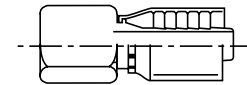
NEW ITEM
NEW ITEM

Sparex#	Pioneer#	Thread in.		Hose ID in.	
S.110291	11L43-4-4	1/4x18	-4	1/4	-4
S.163985	11L43-4-6	1/4x18	-4	3/8	-6
S.110242	11L43-6-6	3/8x18	-6	3/8	-6
S.163986	11L43-8-6	1/2x14	-8	3/8	-6
S.110204	11L43-8-8	1/2x14	-8	1/2	-8
S.110331	11L43-12-12	3/4x14	-12	3/4	-12

Note: The fitting allows minor movements under pressure to relieve stress on hose. It is not to be used for continuous or extensive swiveling. **Note:** O-Ring not compatible with Phosphate Ester Fluids.

10243 Female NPT Pipe

Rigid - Straight



NEW ITEM

Sparex#	Pioneer#	Thread in.		Hose ID in.	
S.163983	10243-2-4	1/8 x27	-2	1/4	-4
S.110223	10243-4-4	1/4x18	-4	1/4	-4
S.110308	10243-6-4	3/8x18	-6	1/4	-4
S.110441	10243-4-6	1/4x18	-4	3/8	-6
S.110335	10243-6-6	3/8x18	-6	3/8	-6
S.110369	10243-8-6	1/2x14	-8	3/8	-6
S.110472	10243-8-8	1/2x14	-8	1/2	-8
S.110328	10243-12-12	3/4x14	-12	3/4	-12

10743 Female NPSM Pipe

Swivel - Straight (60° Cone)



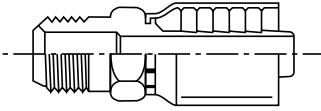
Sparex#	Pioneer#	Thread in.		Hose ID in.	
S.110262	10743-4-4	1/4x18	-4	1/4	-4
S.110474	10743-6-6	3/8x18	-6	3/8	-6
S.110356	10743-8-8	1/2x14	-8	1/2	-8
S.110227	10743-12-12	3/4x14	-12	3/4	-12
S.110445	10743-16-16	1x11-1/2	-16	1	-16
S.143151	10743-20-20	1-1/4x11-1/2	-20	1-1/4	-20



43 SERIES PIPE FITTINGS - JIC

10343 Male JIC 37° Flare

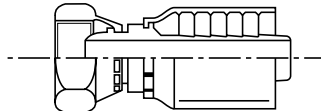
Rigid - Straight



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.1210704	10343-4-4	1/4	7/16x20 -4	1/4 -4
S.110440	10343-5-4	5/16	1/2 x 20 -5	1/4 -4
S.1210904	10343-6-4	3/8	9/16x18 -6	1/4 -4
S.1210906	10343-6-6	3/8	9/16x18 -6	3/8 -6
S.1211206	10343-8-6	1/2	3/4x16 -8	3/8 -6
S.1211406	10343-10-6	5/8	7/8x14 -10	3/8 -6
S.110368	10343-8-8	1/2	3/4x16 -8	1/2 -8
S.110277	10343-10-8	5/8	7/8x14 -10	1/2 -8
S.1211708	10343-12-8	3/4	1-1/16x12 -12	1/2 -8
S.164372	10343-12-10	3/4	1-1/16x12 -12	5/8 -10
S.155352	10343-10-10	5/8	7/8x14 -10	5/8 -10
S.1211712	10343-12-12	3/4	1-1/16x12 -12	3/4 -12
S.1211912	10343-14-12	7/8	1-3/16x12 -14	3/4 -12
S.1212112	10343-16-12	1	1-5/16x12 -16	3/4 -12
S.1212116	10343-16-16	1	1-5/16x12 -16	1 -16
S.130301	10343-20-20	1-1/4	1-5/8x12 -20	1-1/4 -20
S.130302	10343-24-20	1-1/2	1-7/8x12 -24	1-1/4 -20

10643 Female JIC 37° Flare

Swivel - Straight



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110471	10643-4-4	1/4	7/16x20 -4	1/4 -4
S.110388	10643-5-4	5/16	1/2x20 -5	1/4 -4
S.110541	10643-6-4	3/8	9/16x18 -6	1/4 -4
S.110353	10643-4-6	1/4	7/16x20 -4	3/8 -6
S.110221	10643-5-6	5/16	1/2x20 -5	3/8 -6
S.110256	10643-6-6	3/8	9/16x18 -6	3/8 -6
S.110460	10643-8-6	1/2	3/4x16 -8	3/8 -6
S.110244	10643-10-6	5/8	7/8x14 -10	3/8 -6
S.1220908	10643-6-8	3/8	9/16x18 -6	1/2 -8
S.110245	10643-8-8	1/2	3/4x16 -8	1/2 -8
S.110206	10643-10-8	5/8	7/8x14 -10	1/2 -8
S.110228	10643-12-8	3/4	1-1/16x12 -12	1/2 -8
S.110207	10643-8-10	1/2	3/4x16 -8	5/8 -10
S.1221410	10643-10-10	5/8	7/8x14 -10	5/8 -10
S.1221710	10643-12-10	3/4	1 1/16x12 -12	5/8 -10
S.110459	10643-10-12	5/8	7/8x14 -10	3/4 -12
S.1221712	10643-12-12	3/4	1-1/16x12 -12	3/4 -12
S.1221912	10643-14-12	7/8	1-3/16x12 -14	3/4 -12
S.1222112	10643-16-12	1	1-5/16x12 -16	3/4 -12
S.110391	10643-12-16	3/4	1-1/16x12 -12	1 -16
S.110311	10643-16-16	1	1-5/16x12 -16	1 -16
S.130303	10643-20-20	1-1/4	1-5/8x12 -20	1-1/4 -20

Note: These 10643 fittings contain a dual seat that accepts both the JIC (37 deg.) and SAE (45 deg.) male configurations. The -6 and -12 SAE 45 deg. swivel fittings are shown under Pioneer number 10843.

10843 SAE 45° Flare

Swivel



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110332	10843-6-4	3/8	5/8x18 -6	1/4 -4
S.110411	10843-6-6	3/8	5/8x18 -6	3/8 -6
S.110371	10843-12-12	3/4	1 1/16x14 -12	3/4 -12

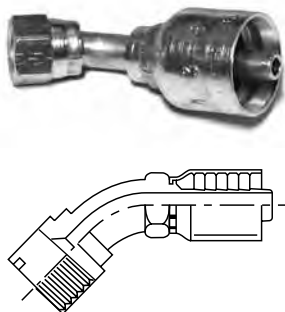
Note: Notch on nut indicates SAE 45° flare



43 SERIES PIPE FITTINGS - JIC, FLARE

13743 Female JIC 37° Flare

Swivel - 45° Elbow - Short Drop

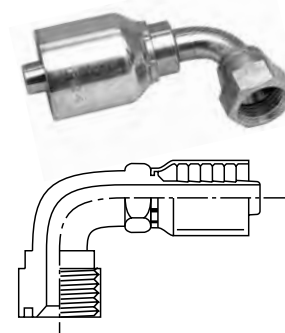


Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.1240704	13743-4-4	1/4	7/16x20 -4	1/4 -4
S.1240804	13743-5-4	5/16	1/2x20 -5	1/4 -4
S.1240904	13743-6-4	3/8	9/16x18 -6	1/4 -4
S.1240906	13743-6-6	3/8	9/16x18 -6	3/8 -6
S.1241206	13743-8-6	1/2	3/4x16 -8	3/8 -6
S.1241208	13743-8-8	1/2	3/4x16 -8	1/2 -8
S.1241408	13743-10-8	5/8	7/8x14 -10	1/2 -8
S.110357	13743-10-10	5/8	7/8x14 -10	5/8 -10
S.110476	13743-12-10	3/4	1-1/16x12 -12	5/8 -10
S.1241712	13743-12-12	3/4	1-1/16x12 -12	3/4 -12
S.1242116	13743-16-16	1	1-5/16x12 -16	1 -16

Note: These 13743 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations. The other sizes accept the JIC (37°) male configurations only.

13943 Female JIC 37° Flare

Swivel - 90° Elbow - Short Drop

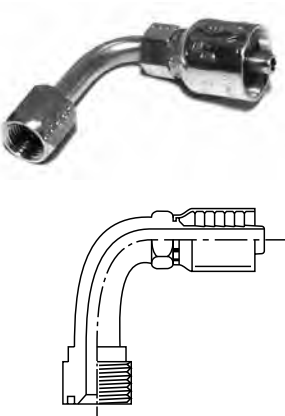


Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.1230704	13943-4-4	1/4	7/16x20 -4	1/4 -4
S.1230804	13943-5-4	5/16	1/2x20 -5	1/4 -4
S.110392	13943-6-4	3/8	9/16x18 -6	1/4 -4
S.110475	13943-4-6	1/4	7/16x20 -4	3/8 -6
S.110229	13943-6-6	3/8	9/16x18 -6	3/8 -6
S.110246	13943-8-6	1/2	3/4x16 -8	3/8 -6
S.110412	13943-6-8	3/8	9/16x18 -6	1/2 -8
S.1231208	13943-8-8	1/2	3/4x16 -8	1/2 -8
S.6900108	13943-10-8	5/8	7/8x14 -10	1/2 -8
S.110485	13943-12-8	3/4	1-1/16x12 -12	1/2 -8
S.1231410	13943-10-10	5/8	7/8x14 -10	5/8 -10
S.1231710	13943-12-10	3/4	1-1/16x12 -12	5/8 -10
S.110232	13943-12-12	3/4	1-1/16x12 -12	3/4 -12
S.1232116	13943-16-16	1	1-5/16x12 -16	1 -16
S.130304	13943-20-20	1-1/4	1-5/8x20 -20	1-1/4 -20

Note: These 13943 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations. The other sizes accept the JIC (37°) male configurations only.

14143 Female JIC 37° Flare

Swivel - 90° Elbow - Long Drop



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110362	14143-4-4	1/4	7/16x20 -4	1/4 -4
S.110376	14143-5-4	5/16	1/2x20 -5	1/4 -4
S.163987	14143-6-4	3/8	9/16x18 -6	1/4 -4
S.110336	14143-6-6	3/8	9/16x18 -6	3/8 -6
S.110418	14143-8-6	1/2	3/4x16 -8	3/8 -6
S.110266	14143-8-8	1/2	3/4x16 -8	1/2 -8
S.110315	14143-10-8	5/8	7/8x14 -10	1/2 -8
S.110448	14143-10-10	5/8	7/8x14 -10	5/8 -10
S.110375	14143-12-12	3/4	1-1/16x12 -12	3/4 -12
S.110478	14143-16-16	1	1-5/16x12 -16	1 -16

Note: These 14143 fittings contain a dual seat that accepts both the JIC (37°) and SAE (45°) male configurations. The other sizes accept the JIC (37°) male configurations only.



43 SERIES PIPE FITTINGS - FLARE, SAE

1L943 Female JIC 37° Flare

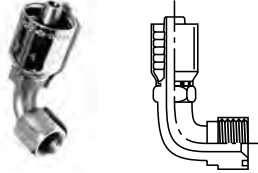
Swivel - 90° Elbow -
Medium Drop



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.	
S.163649	1L943-4-4	1/4	7/16x20 -4	1/4	-4

17943 SAE 45° Flare

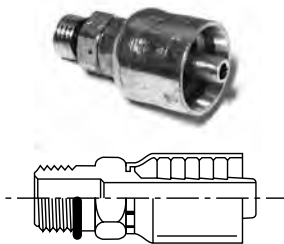
Swivel - 90° Elbow



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.	
S.1251006	17943-6-6	3/8	5/8x18 -6	3/8	-6

10543 Male SAE Straight Thread

with O-Ring - Rigid -
Straight



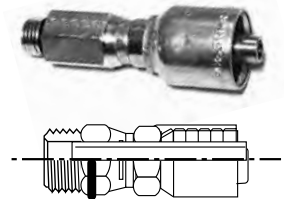
NEW ITEM

Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.	
S.110307	10543-4-4	1/4	7/16x20 -4	1/4	-4
S.163984	10543-5-4	5/16	1/2x20 -5	1/4	-4
S.110354	10543-6-4	3/8	9/16x18 -6	1/4	-4
S.110222	10543-6-6	3/8	9/16x18 -6	3/8	-6
S.110407	10543-8-6	1/2	3/4x16 -8	3/8	-6
S.110258	10543-8-8	1/2	3/4x16 -8	1/2	-8
S.110406	10543-10-8	5/8	7/8x14 -10	1/2	-8
S.119472	10543-10-10	5/8	7/8x14 -10	5/8	-10
S.110276	10543-12-8	3/4	1-1/16x12 -12	1/2	-8
S.110257	10543-12-10	3/4	1-1/16x12 -12	5/8	-12
S.110439	10543-12-12	3/4	1-1/16x12 -12	3/4	-12
S.110306	10543-16-16	1	1-5/16x12 -16	1	-16

Note: O-Ring not compatible with Phosphate Ester Fluids.

10G43 Male SAE Straight Thread

with O-Ring - Swivel
under Pressure - Straight

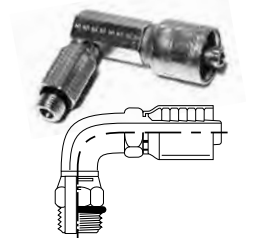


Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.	
S.110292	10G43-6-6	3/8	9/16x18 -6	3/8	-6
S.110243	10G43-8-6	1/2	3/4x16 -8	3/8	-6
S.110205	10G43-8-8	1/2	3/4x16 -8	1/2	-8
S.110261	10G43-10-8	5/8	7/8x14 -10	1/2	-8
S.110443	10G43-12-12	3/4	1-1/16x12 -12	3/4	-12

Note: The fitting allows minor movements under pressure to relieve stress on hose. It is not to be used for continuous or extensive swiveling. Note: O-Ring not compatible with Phosphate Ester Fluids.

10L43 Male SAE Straight Thread

with O-Ring - Swivel
under Pressure - 90° Elbow



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.	
S.156370	10L43-4-4	1/4	7/16x20 -4	1/4	-4
S.110390	10L43-6-6	3/8	9/16x18 -6	3/8	-6
S.110226	10L43-8-6	1/2	3/4x16 -8	3/8	-6
S.110444	10L43-8-8	1/2	3/4x16 -8	1/2	-8
S.110458	10L43-10-8	5/8	7/8x14 -10	1/2	-8
S.156371	10L43-12-12	3/4	1-1/16x12 -12	3/4	-12

Note: The fitting allows minor movements under pressure to relieve stress on hose. It is not to be used for continuous or extensive swiveling. Note: O-Ring not compatible with Phosphate Ester Fluids.



43 SERIES PIPE FITTINGS - SEAL-LOK

1J043 Male Seal-Lok®

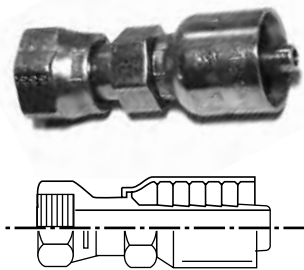
Rigid - Straight
(with O-Ring)



Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.110446	1J043-4-4	1/4	9/16x18	-4	1/4	-4
S.110499	1J043-6-6	3/8	11/16x16	-6	3/8	-6
S.145178	1J043-8-6	1/2	13/16x16	-8	3/8	-6
S.110491	1J043-8-8	1/2	13/16x16	-8	1/2	-8
S.110492	1J043-10-8	5/8	1x14	-10	1/2	-8
S.118935	1J043-10-10	5/8	1x14	-10	5/8	-10
S.110199	1J043-12-10	3/4	1 3/16x12	-12	5/8	-10
S.110507	1J043-12-12	3/4	1-3/16x12	-12	3/4	-12
S.118189	1J043-16-12	1	1-3/16x12	-16	1	-12
S.110497	1J043-16-16	1	1-7/16x12	-16	1	-16
S.130313	1J043-20-20	1-1/4	1-11/16x12	-20	1-1/4	-20

1JS43 Female Seal-Lok®

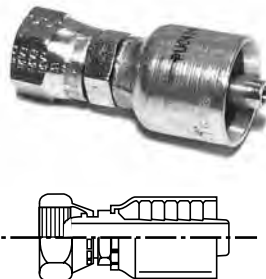
Swivel - Straight - Long



Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.1360904	1JS43-4-4	1/4	9/16x18	-4	1/4	-4
S.110268	1JS43-6-4	3/8	11/16x16	-6	1/4	-4
S.110377	1JS43-8-4	1/2	13/16x16	-8	1/4	-4
S.1361106	1JS43-6-6	3/8	11/16x16	-6	3/8	-6
S.1861306	1JS43-8-6	1/2	13/16x16	-8	3/8	-6
S.110363	1JS43-6-8	3/8	11/16x16	-6	1/2	-8
S.1361308	1JS43-8-8	1/2	13/16x16	-8	1/2	-8
S.110250	1JS43-10-8	5/8	1x14	-10	1/2	-8
S.110297	1JS43-12-8	3/4	1-3/16x12	-12	1/2	-8
S.110317	1JS43-8-10	1/2	13/16x16	-8	5/8	-10
S.110450	1JS43-10-10	5/8	1x14	-10	5/8	-10
S.110216	1JS43-12-10	3/4	1-3/16x12	-12	5/8	-10
S.1862012	1JS43-10-12	5/8	1x14	-10	3/4	-12
S.1361912	1JS43-12-12	3/4	1-3/16x12	-12	3/4	-12
S.110215	1JS43-16-12	1	1-7/16x12	-16	3/4	-12
S.1362312	1JS43-16-16	1	1-7/16x12	-16	1	-16

1JC43 Female Seal-Lok®

Swivel - Straight - Short



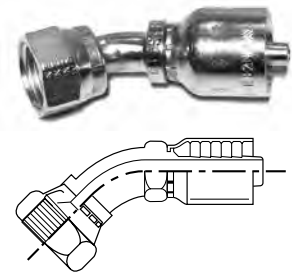
Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.110235	1JC43-4-4	1/4	9/16x18	-4	1/4	-4
S.3841104	1JC43-6-4	3/8	11/16x16	-6	1/4	-4
S.110420	1JC43-6-6	3/8	11/16x16	-6	3/8	-6
S.110269	1JC43-8-8	1/2	13/16x16	-8	1/2	-8
S.110482	1JC43-10-8	5/8	1x14	-10	1/2	-8
S.110298	1JC43-12-12	3/4	1-3/16x12	-12	3/4	-12
S.110397	1JC43-16-16	1	1-7/16x12	-16	1	-16
S.130314	1JC43-20-20	1-1/4	1-11/16x12	-20	1-1/4	-20



43 SERIES PIPE FITTINGS - SEAL-LOK

1J743 Female Seal-Lok®

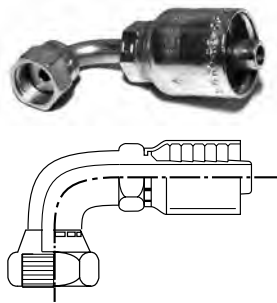
Swivel - 45° Elbow



Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.1380904	1J743-4-4	1/4	9/16x18	-4	1/4	-4
S.110400	1J743-6-4	3/8	11/16x16	-6	1/4	-4
S.1381106	1J743-6-6	3/8	11/16x16	-6	3/8	-6
S.3871306	1J743-8-6	1/2	13/16x16	-8	3/8	-6
S.1381308	1J743-8-8	1/2	13/16x16	-8	1/2	-8
S.110321	1J743-10-8	5/8	1x14	-10	1/2	-8
S.1381013	1J743-8-10	1/2	13/16x16	-8	5/8	-10
S.110423	1J743-10-10	5/8	1x14	-10	5/8	-10
S.110319	1J743-12-8	3/4	1-3/16x12	-12	1/2	-8
S.110379	1J743-12-10	3/4	1-3/16x12	-12	5/8	-10
S.1381912	1J743-12-12	3/4	1-3/16x12	-12	3/4	-12
S.110434	1J743-16-16	1	1-7/16x12	-16	1	-16

1J943 Female Seal-Lok®

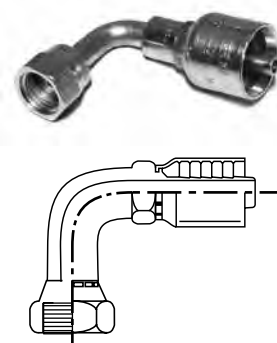
Swivel - 90° Elbow - Short Drop



Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.1370904	1J943-4-4	1/4	9/16x18	-4	1/4	-4
S.110320	1J943-4-6	1/4	9/16x18	-4	3/8	-6
S.110433	1J943-6-4	3/8	11/16x16	-6	1/4	-4
S.110342	1J943-6-6	3/8	11/16x16	-6	3/8	-6
S.110422	1J943-6-8	3/8	11/16x16	-6	1/2	-8
S.110451	1J943-8-4	1/2	13/16x16	-8	1/4	-4
S.3881306	1J943-8-6	1/2	13/16x16	-8	3/8	-6
S.1371308	1J943-8-8	1/2	13/16x16	-8	1/2	-8
S.110236	1J943-8-10	1/2	13/16x16	-8	5/8	-10
S.110282	1J943-10-8	5/8	1x14	-10	1/2	-8
S.110217	1J943-10-10	5/8	1x14	-10	5/8	-10
S.110483	1J943-10-12	5/8	1x14	-10	3/4	-12
S.110421	1J943-12-8	3/4	1-13/16x12	-12	1/2	-8
S.110399	1J943-12-10	3/4	1-13/16x12	-12	5/8	-10
S.1371912	1J943-12-12	3/4	1-3/16x12	-12	3/4	-12
S.110318	1J943-16-12	1	1-7/16x12	-16	3/4	-12
S.110378	1J943-16-16	1	1-7/16x12	-16	1	-16

1J543 Female Seal-Lok®

Swivel - 90° Elbow - Medium Drop



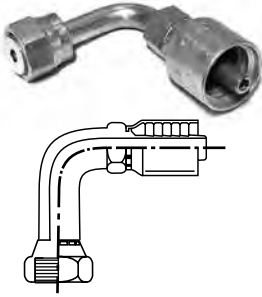
Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.110452	1J543-4-4	1/4	9/16x18	-4	1/4	-4
S.110283	1J543-6-6	3/8	11/16x16	-6	3/8	-6
S.110401	1J543-8-6	1/2	13/16x16	-8	3/8	-6
S.110343	1J543-8-8	1/2	13/16x16	-8	1/2	-8
S.110218	1J543-12-12	3/4	1-3/16x12	-12	3/4	-12



43 SERIES PIPE FITTINGS - SEAL-LOK

1J143 Female Seal-Lok®

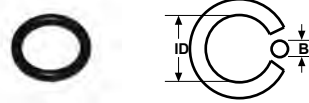
Swivel - 90° Elbow - Long Drop



Sparex#	Pioneer#	Tube in.	Thread in.		Hose ID in.	
S.110334	1J143-4-4	1/4	9/16x18	-4	1/4	-4
S.110394	1J143-6-4	3/8	11/16x16	-6	1/4	-4
S.110210	1J143-6-6	3/8	11/16x16	-6	3/8	-6
S.110516	1J143-8-6	1/2	13/16x16	-8	3/8	-6
S.110295	1J143-8-8	1/2	13/16x16	-8	1/2	-8
S.110359	1J143-10-8	5/8	1x14	-10	1/2	-8
S.110373	1J143-10-10	5/8	1x14	-10	5/8	-10
S.110263	1J143-12-12	3/4	1-3/16x12	-12	3/4	-12
S.110428	1J143-16-16	1	1-7/16x12	-16	1	-16

ORFS Seal-Lok® O-Ring

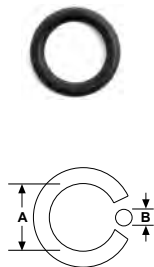
ORFS Tube End O-Ring



Sparex#	Tube Fitting Pioneer#	Fitting Dash Size	Tube OD		Tube ID		B	
			in.	mm	in.	mm	in.	mm
S.110494	2-011 N0552	4	1/4	6	0.30	7.7	0.07	1.78
S.110495	2-012 N0552	6	3/8	8, 10	0.36	9.3	0.07	1.78
S.110501	2-014 N0552	8	1/2	12	0.49	12.4	0.07	1.78
S.110515	2-018 N0552	12	3/4	18,20	0.74	18.8	0.07	1.78

'O' Ring Face Seals - Inch

For flat surface seal Adaptors and Couplings. Nitrile Rubber 90° Shore hardness SAE-J120



S.14230

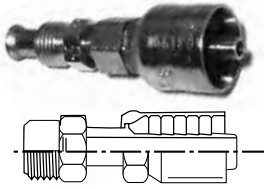
Sparex#	A x B		OEM Ref	160 pcs
S.14231	.300	.070	238 - 6011	10
S.14232	.355	.070	237 - 6004	10
S.14233	.370	.070	238 - 6012	10
S.14234	.465	.077	237 - 6006	10
S.14235	.500	.070	238 - 6014	10
S.14236	.645	.088	237 - 6008	10
S.14237	.610	.070	238 - 6016	10
S.14238	.730	.098	237 - 6010	10
S.14239	.725	.070	238 - 6018	10
S.14240	.910	.117	237 - 6012	10
S.14241	.925	.070	238 - 6021	10
S.14242	1.175	.117	237 - 6016	10
S.14243	1.170	.070	238 - 6025	10
S.14244	1.465	.117	237 - 6020	10
S.14245	1.500	.070	238 - 6029	10
S.14246	1.700	.117	237 - 6024	10



43 SERIES PIPE FITTINGS - SAE

12843 SAE Male

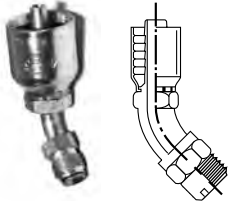
Inverted Swivel - Straight



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.1260704	12843-4-4	1/4	7/16-24	-4
S.110462	12843-5-4	5/16	1/2-20	-5
S.110427	12843-4-6	1/4	7/16-24	-4
S.110293	12843-5-6	5/16	1/2-20	-5
S.1261006	12843-6-6	3/8	5/8-18	-6
S.110463	12843-8-8	1/2	3/4-18	-8

16743 SAE Male

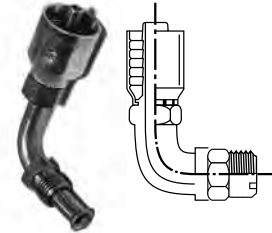
Inverted Swivel - 45° Elbow



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110479	16743-4-4	1/4	7/16-24	-4
S.110212	16743-5-6	5/16	1/2-20	-5
S.110417	16743-6-6	3/8	5/8-18	-6
S.110265	16743-8-8	1/2	3/4-18	-8

16943 SAE 45°

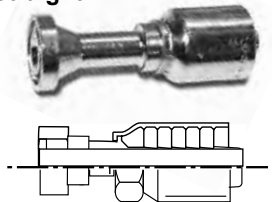
Inverted Swivel - 90° Elbow



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110314	16943-5-4	5/16	1/2-20	-5
S.110335	16943-4-6	1/4	7/16-24	-4
S.110374	16943-5-6	5/16	1/2-20	-5
S.1281006	16943-6-6	3/8	5/8-18	-6
S.110361	16943-8-8	1/2	3/4-18	-8

11543 SAE Code 61 Flange

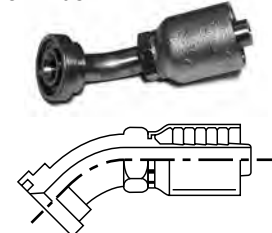
Straight



Sparex#	Pioneer#	Flange Size	Flange Dash	Hose Size	Hose Dash
S.110294	11543-8-8	1/2	-8	1/2	-8
S.110414	11543-12-8	3/4	-12	1/2	-8
S.3951212	11543-12-12	3/4	-12	3/4	-12
S.3951612	11543-16-12	1	-16	3/4	-12
S.110247	11543-16-16	1	-16	1	-16
S.110208	11543-20-16	1-1/4	-20	1	-16
S.130305	11543-20-20	1-1/4	-20	1-1/4	-20
S.130306	11543-24-20	1-1/2	-24	1-1/4	-20

11743 SAE Code 61 Flange

45° Elbow



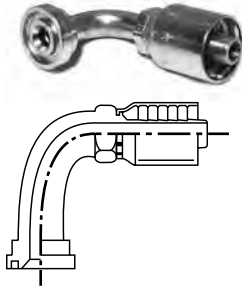
Sparex#	Pioneer#	Flange Size	Flange Dash	Hose Size	Hose Dash
S.110514	11743-8-8	1/2	-8	1/2	-8
S.1971208	11743-12-8	3/4	-12	1/2	-8
S.3971212	11743-12-12	3/4	-12	3/4	-12
S.110372	11743-16-16	1	-16	1	-16
S.130307	11743-20-20	1-1/4	-20	1-1/4	-20
S.130308	11743-24-20	1-1/2	-24	1-1/4	-20



43 SERIES PIPE FITTINGS - SAE, METRIC CRIMP

11943 SAE Code 61 Flange

90° Elbow



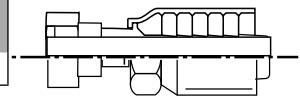
Sparex#	Pioneer#	Flange Size	Flange Dash	Hose Size	Hose Dash
S.110393	11943-8-8	1/2	-8	1/2	-8
S.1991208	11943-12-8	3/4	-12	1/2	-8
S.3991612	11943-16-12	1	-16	3/4	-12
S.3991212	11943-12-12	3/4	-12	3/4	-12
S.110280	11943-16-16	1	-16	1	-16
S.1992016	11943-20-16	1-1/4	-20	1	-16
S.130309	11943-20-20	1-1/4	-20	1-1/4	-20
S.130310	11943-24-20	1-1/2	-24	1-1/4	-20

16A43 SAE Code 62 Flange

Straight



Sparex#	Pioneer#	Flange Size	Flange Dash	Hose Size	Hose Dash
S.130311	16A43-20-20	1-1/4	-20	1-1/4	-20

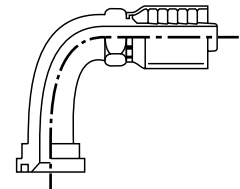


16N43 SAE Code 62 Flange

90° Elbow



Sparex#	Pioneer#	Flange Size	Flange Dash	Hose Size	Hose Dash
S.130312	16N43-20-20	1-1/4	-20	1-1/4	-20

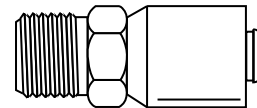


1D043 - Male - METRIC L

Rigid- 24* Cone



Sparex#	Pioneer#	Thread Metric	Hose ID in.
S.1311204	1D043-6-4	M12x1.5	1/4"
S.1311404	1D043-8-4	M14x1.5	1/4"
S.1311606	1D043-10-6	M16x1.5	3/8"
S.1311806	1D043-12-6	M18x1.5	3/8"
S.1312208	1D043-15-8	M22x1.5	1/2"

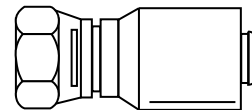


1C343 - Female - METRIC L

Swivel - Ball Nose



Sparex#	Pioneer#	Thread Metric	Hose ID in.
S.1321204	1C343-6-4	M12x1.5	1/4"
S.1321404	1C343-8-4	M14x1.5	1/4"
S.1321606	1C343-10-6	M16x1.5	3/8"
S.1321806	1C343-12-6	M18x1.5	3/8"
S.1322208	1C343-15-8	M22x1.5	1/2"

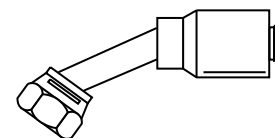


1C443 - Female - METRIC L

Swivel - Ball Nose



Sparex#	Pioneer#	Thread Metric	Hose ID in.
S.1341404	1C443-8-4	M14x1.5	1/4"
S.1341606	1C443-10-6	M16x1.5	3/8"
S.1341806	1C443-12-6	M18x1.5	3/8"
S.1342208	1C443-15-8	M22x1.5	1/2"





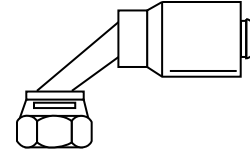
43 SERIES PIPE FITTINGS - METRIC CRIMP, METRIC

1C543 - Female - METRIC L

Swivel - Ball Nose



Sparex#	Pioneer#	Thread Metric	Hose ID in.
S.1331204	1C543-6-4	M12x1.5	1/4"
S.1331404	1C543-8-4	M14x1.5	1/4"
S.1331606	1C543-10-6	M16x1.5	3/8"
S.1331806	1C543-12-6	M18x1.5	3/8"
S.1332208	1C543-15-8	M22x1.5	1/2"

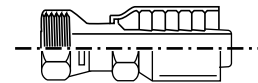


1MU43 Female METRIC

Swivel - 30° Flare



Sparex#	Pioneer#	Metric Thread	Tube Nominal	Hose in.	Hose Dash
S.110432	1MU43-4-4	M14x1.5	-4	1/4	-4
S.110341	1MU43-6-4	M18x1.5	-6	1/4	-4
S.1371806	1MU43-6-6	M18x1.5	-6	3/8	-6
S.1372208	1MU43-8-8	M22x1.5	-8	1/2	-8



1C943 Female METRIC S

Swivel - 24° Cone with O'Ring



Sparex#	Pioneer#	Thread mm	Hose in.
S.1422005	1C943-12-5	M20x1.5	5/16
S.1422206	1C943-14-6	M22x1.5	3/8
S.1422408	1C943-16-8	M24x1.5	1/2
S.1423010	1C943-20-10	M30x2	5/8
S.1423612	1C943-25-12	M36x2	3/4
S.1423616	1C943-25-16	M36x2	1

1D243 Male METRIC S

Rigid - 24° Cone



Sparex#	Pioneer#	Thread mm	Hose in.
S.1412006	1D243-12-6	M20x1.5	3/8
S.1412206	1D243-14-6	M22x1.5	3/8
S.1412408	1D243-16-8	M24x1.5	1/2
S.1413010	1D243-20-10	M30x2	5/8

14943 Banjo Fitting - METRIC



Sparex#	Pioneer#	Metric Thread	Tube Nominal	Hose in.	Hose Dash
S.1751204	14943-12-4	12mm	-	1/4	-4
S.164373	14943-16-6	16mm	-	3/8	-6
S.164374	14943-18-8	18mm	-	1/2	-8



43 SERIES PIPE FITTINGS - METRIC , BSP

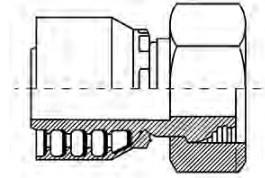
1CA43 Female METRIC L

Swivel - 24° Cone with O'Ring



NEW ITEM
NEW ITEM
NEW ITEM
NEW ITEM
NEW ITEM
NEW ITEM

Sparex#	Pioneer#	Thread mm	Hose in.
S.163992	1CA43-6-4	M12x1.5	1/4"
S.163993	1CA43-8-4	M14x1.5	1/4"
S.163994	1CA43-10-6	M16x1.5	3/8"
S.163995	1CA43-12-6	M18x1.5	3/8"
S.163996	1CA43-15-8	M22x1.5	1/2"
S.163997	1CA43-22-12	M30x2	3/4"



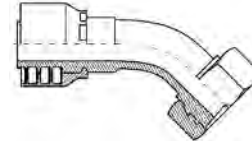
1CE43 Female METRIC L

Swivel - 24° Cone with O'Ring - 45° Elbow



NEW ITEM
NEW ITEM
NEW ITEM

Sparex#	Pioneer#	Thread mm	Hose in.
S.163998	1CE43-10-6	M16x1.5	3/8"
S.163999	1CE43-12-6	M18x1.5	3/8"
S.164000	1CE43-22-12	M30x2	3/4"



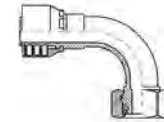
1CF43 Female METRIC L

Swivel - 24° Cone with O'Ring - 90° Elbow



NEW ITEM
NEW ITEM

Sparex#	Pioneer#	Thread mm	Hose in.
S.164001	1CF43-10-6	M16x1.5	3/8"
S.164002	1CF43-12-6	M18x1.5	3/8"

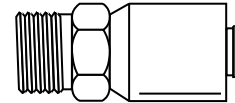


1D943 - BSP - Male

Rigid - 60° Cone



Sparex#	Pioneer#	Thread in.	Hose in.
S.1110606	1D943-6-6	3/8"	3/8"
S.1110808	1D943-8-8	1/2"	1/2"



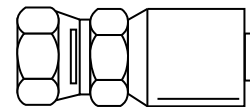
19243 - BSP - Female

Swivel - 60° Cone



NEW ITEM
NEW ITEM
NEW ITEM

Sparex#	Pioneer#	Thread in.	Hose in.
S.1120404	19243-4-4	1/4"	1/4"
S.1120606	19243-6-6	3/8"	3/8"
S.1120808	19243-8-8	1/2"	1/2"
S.163989	19243-12-12	3/4"	3/4"



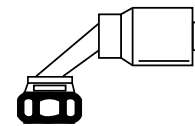
1B243 - BSP - Female

Swivel - 60° Cone 90° Elbow



NEW ITEM
NEW ITEM

Sparex#	Pioneer#	Thread in.	Hose in.
S.163990	1B243-4-4	1/4"	1/4"
S.1130606	1B243-6-6	3/8"	3/8"
S.1130808	1B243-8-8	1/2"	1/2"
S.163991	1B243-12-12	3/4"	3/4"

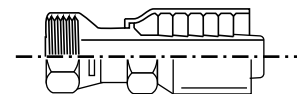


1FU43 - JIS/BSP Female

Swivel - 30° Flare



Sparex#	Pioneer#	BPS Thread	BPS Thread	Hose in.	Hose Dash
S.1530404	1FU43-4-4	1/4x19	-4	1/4	-4
S.110447	1FU43-6-6	3/8x19	-6	3/8	-6
S.110264	1FU43-8-8	1/2x14	-8	1/2	-8
S.110360	1FU43-12-12	3/4x14	-12	3/4	-12
S.110313	1FU43-16-16	1x11	-16	1	-16





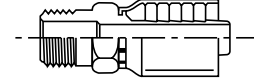
43 SERIES PIPE FITTINGS - BSP

1UT43 - JIS/BSP Male

60° Cone - Taper



Sparex#	Pioneer#	BPS Thread	BPS Thread	Hose in.	Hose Dash
S.110234	1UT43-6-6	3/8x19	-6	3/8	-6
S.110449	1UT43-8-8	1/2x14	-8	1/2	-8
S.110481	1UT43-12-12	3/4x14	-12	3/4	-12
S.110296	1UT43-16-16	1x11	-16	1	-16

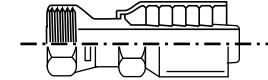


1GU43 - JIS/BSP Female

60° Cone - Swivel



Sparex#	Pioneer#	BPS Thread	BPS Thread	Hose in.	Hose Dash
S.110211	1GU43-6-6	3/8x19	-6	3/8	-6
S.110465	1GU43-8-8	1/2x14	-8	1/2	-8
S.110333	1GU43-16-16	1x11	-16	1	-16

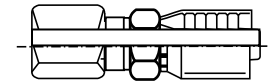


11143 SAE 'Ferrul-Fix'

Flareless



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110473	11143-4-4	1/4	7/16-24	-4
S.110493	11143-4-6	1/4	7/16-24	-6
S.110310	11143-5-4	5/16	1/2-20	-4
S.110442	11143-5-6	5/16	1/2-20	-6
S.110279	11143-6-6	3/8	9/16-18	-6
S.110389	11143-8-8	1/2	3/4-16	-8
S.110410	11143-10-8	5/8	7/8-14	-10
S.110370	11143-12-12	3/4	1 1/16-12	-12



Repair steel line

with hose assembly.

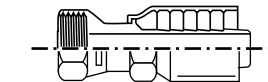
See page 156 for Installation Instructions

11243 SAE

Swivel - Flareless



Sparex#	Pioneer#	Tube in.	Thread in.	Hose ID in.
S.110290	11243-8-6	1/2	3/4-16	-8
S.110241	11243-8-8	1/2	3/4-16	-6



72 Hole Steel Hardware Storage Bin

Grey

S.149484

Height 35 1/4" x Length 11 7/8" x Width 42"

To Hold and Organize Your Hardware Parts!

- For more information, please reach out to your Salesman or call Sparex at 800-443-6472
- Please refer to Hardware Catalog on Our Website for specific part numbers



S.799-43

Crimp on Fitting Bin Label Kit.

Labels have the Pioneer and Sparex Numbers, Picture, and a Brief Description. All crimp on fittings are in the kit.



FERRULE-FIX INSTALLATION INSTRUCTIONS

Ferrule-Fix

Fast, on-the-job repair for ruptured bent tube hose assemblies and power steering lines.

- **Gets you back in operation fast** - No costly delays while replacement assemblies are rushed from the factory.
- **Lets you reuse expensive bent tube ends** - You can replace the hose at a fraction of the cost of complete assembly.
- **Eliminates need for emergency brazing or welding in the field** - Ferrule-Fix can be assembled without special tools or equipment.

The life of the combination tube-hose assembly is often limited to the service life of the hose alone. A replacement assembly may not be available, since equipment dealers are unable to stock all of the many odd tube configurations.

Pioneer Ferrule-Fix, a field attachable, reusable hose end fitting, now makes it possible to salvage the bent tube section of the original assembly for replacement. Most important, it gets you back into operation FAST!

3-Piece Design - Body, Nut, Ferrule. Wedging action of ferrule, when drawn down by nut, forms seal between body and ferrule, while cutting edge of ferrule 'bites' into tube wall forming another positive seal.

Visible Bite - Extent of bite at cutting edge of ferrule is completely visible when fitting is disassembled, an important safety feature. Self-centering action assures even bite around circumference of tube.

Parkerized Finish - Ferrule-Fix fittings have the Parkerized black finish, providing 'built-in' lubrication which reduces wrench torque required.

Ferrule-Fix Installation Instructions

1. Cut the formed tube off squarely next to the permanent hose fitting. Lightly deburr the end of the tube internally and externally.
2. Disassemble the Ferrule-Fix fitting, and lubricate threads and both ends of the ferrule with Parker Ferulube.
3. Slide nut and ferrule onto tubing, with the long, straight end of the ferrule pointing toward the tube end.
4. Insert tube end into the Ferrule-Fix body until it bottoms against the shoulder. Slide ferrule inside body and screw nut down finger tight.
5. Wrench nut down 1 3/4 turns to preset the ferrule.
6. Disconnect nut and inspect lead edge of ferrule to make certain that the biting edge has turned up a shoulder to a height of at least 50% of the ferrule and completely around the tube.
7. Assemble Ferrule-Fix fitting to hose. Refer to assembly instructions listed in appropriate fittings section. Do not assemble to hose before steps 1-6.
8. Reassemble tubing into Ferrule-Fix end and turn nut down until a sudden increase in force is evident. Turn bent tube to proper position if required. Using two wrenches, one on the fitting nipple hex and the other on the nut, tighten nut an additional 1/6 turn (one wrench flat).

See page 135 for Crimp-on Ends.



CRIMPING EQUIPMENT

Minikrimp™

The Parker Hannifin MiniKrimp™ is the best portable, compact all-in-one unit crimper on the market. By utilizing a one-piece high strength cast aluminum frame, the MiniKrimp™ is light, robust, and highly corrosion resistant. Available in handpump or air over hydraulic designs. The MiniKrimp™ has a removable pusher design for easy die change out. For use with 25, 26, 43, 81, and HY Series fittings. Caution: Do not crimp stainless steel fittings.

Note: Dies are sold separately.



94C-002-PFD

Standard Equipment

Model 94C-002-PFD includes:

- Base Unit
- Air Over Hydraulic Pump Kit with Tubing and Adapters
- Silver Die Ring



94C-001-PFD

Standard Equipment

Model 94C-001-PFD includes:

- Base Unit
- Hand Pump
- Silver Die Ring

Optional Tooling

- Side Vise Mount (015736)
- Table Mount (015306)
- Upright Vise Mount (015307)
- Black Die Ring (82C-R02-PFD)
- Connection Hose with Quick Coupling (015309)
- Bent Tube for Hand Pump Only (015308)
- Bent Tube for Air Over Hydraulic Pump Only (025349)

Specifications

Approximate Size (with Pump)	6" wide, 13" deep, 15" high
Weight (w/o Power)	42 lbs (with hand pump)
Rating	30 ton force @ 10,000 psi maximum
Capability (Steel fitting)	Up to 3/4" I.D. 2 wire braided hose
Full Cycle Time	30 seconds

SEE PAGE 141 FOR CRIMPING DIES



S.149172 KarryKrimp

The Karrykrimp modular design gives users the flexibility of a portable crimper with the advantages of increased productivity when connected to the stationary power unit. Increased height enables longer bent tube fittings to be crimped with Parker's 43 Series Parkrimp fittings. Parker's Karrykrimp models can crimp straight or bent-stem steel fittings from 5/8" to 1 1/4" in diameter with quick coupling. Select the power unit and dies that meet your needs.

Note: Dies are sold separately.

Standard Equipment

Model 82C-061L includes:

- KarryKrimp Head
- Die ring - Coded Silver (1 wire)
- Die ring - Coded Black (2-4 wire)
- Hose assembly
- Stand (2 piece)
- No Dies or Pumps

Specifications

Approximate Size (with Pump)	15" wide, 12" deep, 30" high
Weight (w/o Power)	60 lbs.
Rating	30 tons force @ 10,000 psi maximum
Capability (Steel fitting)	1 1/4" ID 2 wire Braided Hose 5/8" ID 4 wire Spiral Hose
Full Cycle Time	30 seconds



SEE PAGE 141 FOR CRIMPING DIES

S.149174 KarryKrimp Bench Mount

The Karrykrimp modular design gives users the flexibility of a portable crimper with the advantages of increased productivity when connected to the stationary power unit. Increased height enables longer bent tube fittings to be crimped with Parker's 43 Series Parkrimp fittings. Parker's Karrykrimp models can crimp straight or bent-stem steel fittings from 5/8" to 1 1/4" in diameter.

Note: Dies are sold separately.

Standard Equipment

Model 82C-KKB includes:

- KarryKrimp Head
- Die ring - Coded Silver (1 wire)
- Die ring - Coded Black (2-4 wire)
- Bench Power unit assembly
- Stand (2 piece)
- No Dies or Pumps

Specifications

Approximate Size (with Pump)	17" wide, 23" deep, 27.5" high
Weight (w/o Power)	146 lbs.
Rating	30 tons force @ 10,000 psi maximum
Capability (steel & brass) 43 series fittings	1 1/4" ID 2 wire Braided Hose 5/8" ID 4 wire Spiral Hose
Full Cycle Time	8 seconds (1/2" 43 series)



SEE PAGE 141 FOR CRIMPING DIES



CRIMPING EQUIPMENT

S.149173 KarryKrimp 2

The Karrykrimp 2 is a portable, compact and ruggedly built crimper that is an economic alternative for the self-assembly of Parker's hose and fittings. Parker's Karrykrimp 2 models can crimp Parkrimp style straight or bent-stem stainless and stainless steel fittings up to 1 1/4" in diameter including 25, 26, 43, 70, 71, 73, 77, 78, 81 and HY series. The Karrykrimp 2 is now available in a modular design with all the familiar Parkrimp System advantages and portability.

Note: Dies are sold separately.

Standard Equipment

Model 85C-061L includes:

- Crimp Head
- Die ring - Coded Silver
- Die ring - Coded Black
- Hose assembly
- Stand Assembly

Specifications	
Approximate Size (with Pump)	14" wide, 14" deep, 31-1/2" high
Weight (w/o Power)	120 lbs.
Rating	60 ton force @ 10,000 psi maximum
Capability (steel & brass) 43 series fittings	1-1/4" ID 2 wire braided hose 1-1/4" ID 4 wire spiral hose 1" ID 6 wire spiral hose
Full Cycle Time	15 seconds with 85C-0EP power unit (1/2" 43 series)

SEE PAGE 141 FOR CRIMPING DIES



Features

- Portable, compact rugged design
- Numerous portable power unit options available
- Pivoting pusher design for easy die change out
- For use with 25,26, 43, 70, 71, 73, 77, 78, 81, and HY Series fittings

S.149175 KarryKrimp 2 Bench Mount

The Karrykrimp 2 is a portable, compact and ruggedly built crimper that is an economic alternative for the self-assembly of Parker's hose and fittings. Parker's Karrykrimp 2 models can crimp Parkrimp style straight or bent-stem stainless and stainless steel fittings up to 1 1/4" in diameter including 25, 26, 43, 70, 71, 73, 77, 78, 81 and HY series. The Karrykrimp 2 is now available in a modular design with all the familiar Parkrimp System advantages and portability.

Note: Dies are sold separately.

Standard Equipment

Model 85C-KKB includes:

- Crimp Head
- Bench Power Unit Assembly
- Die ring - Coded Silver
- Die ring - Coded Black
- Hose assembly

Specifications	
Approximate Size (with Pump)	19" wide, 24" deep, 28" high
Weight (w/o Power)	265 lbs.
Rating	60 ton force @ 10,000 psi maximum
Capability (steel & brass) 43 series fittings	1-1/4" ID 2 wire braided hose 1-1/4" ID 4 wire spiral hose 1" ID 6 wire spiral hose
Full Cycle Time	15 seconds (1/2" 43 series)
Hydraulic Fluid	Enerpac Oil



Features

- Faster cycle times on bench mounted units
- Pivoting pusher design for easy die change out
- Compact bench mount design
- For use with 25, 26, 43, 70, 71, 73, 77, 78, 81, and HY Series fittings

SEE PAGE 141 FOR CRIMPING DIES

This unit is designed to make about 200 crimps per day and is not designed to be a production crimper. Exceeding these suggested production amounts will significantly reduce the life expectancy of the crimper components.

***Note:** Power unit is factory wired to operate at 115 volt. **A 20 amp dedicated circuit is required to operate at this voltage.**

Do not use extension cords to operate this machine.

The electric motor is dual voltage, 50/60 HZ, suitable for 208-230/115 volt. The motor and control circuit can be rewired by a qualified electrician to operate at alternate voltage. See motor name plate and wiring diagrams.



Parkimp 2

The Parkrimp 2 is Parker's largest and most versatile bench mounted crimper that comes in either single phase or three phase electric. Parker's Parkrimp 2 models can crimp straight or bent-stem steel and stainless steel fittings from 1/4" to 2" in diameter including 25, 26, 43, 70, 71, 73, 76, 77, 78, 79, 81 S6, and HY series.

Note: Dies are sold separately.

Standard Equipment

Model 83C-082 includes:

- Parkrimp 2 Crimper Head Assembly
- Parkrimp 2 Stand Assembly with 230 volt, 1 phase, 50/60 Hz power unit
- Adapter Bowl
- Spacer Ring
- Spacer Plate

Optional Tooling

- Die Kit PK2-KDA (Includes 43 Series dies in sizes 1/4", 3/8", 1/2", 3/4", 1", 1- 1/4" and 77 Series dies in sizes 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2" and 2" only)
- Die Kit 77K-KDA (Includes 77 Series dies in sizes 1/2", 5/8", 3/4", 1", 1- 1/4", 1-1/2" and 2" only)

Features

- Easy to use vertical design
- Crimps full range of Parker hoses from 1/4" through 2" I.D.*
- For use with 25, 26, 43, 70, 71, 73, 76, 77, 78, 79, 81, S6 and HY fittings

Specifications	
Approximate Size (with Pump)	31" wide, 24" deep, 77" high
Weight (w/o Power)	842 lbs (Head is 558 lbs and base is 284 lbs)
Rating	125 ton force @ 5,000 psi maximum
Capability (steel & brass) 43 series fittings	2" ID 2 wire braided hose 2" ID 4/6 wire spiral hose*
Full Cycle Time	30 seconds without adapter bowl 20 seconds with adapter bowl
Hydraulic Fluid	Enerpac Oil

*Can crimp 77 Series stainless steel fittings up to 1-1/2"



SEE PAGE 141 FOR CRIMPING DIES

S.149177 Hand Pump - Model 82C-0HP

For maximum portability, Parker offers two hand-held crimping pumps to increase productivity and versatility for smaller hose assembly needs. Or, to power a standard crimping system at any location, order the electric pump, air/hydraulic pump or vehicle battery-powered pump depending on the application. Parker's crimper power units deliver up to 10,000 PSI for the Minikrimp. With its cast aluminum design, the MiniKrimp is lightweight, portable, and compact. This all-in-one unit is capable of crimping Parflex Division hose sizes up to 1".

Specifications	
Approximate Size (with Pump)	23" wide, 4" deep, 5" high
Weight (w/o Power)	9 lbs.
Rating	30 tons force @ 10,000 psi maximum
Port Size	3/8" NPTF





CRIMPING EQUIPMENT

S.149178 Air/Hydraulic Pump - Model 82C-0AP

For maximum portability, Parker offers hand-held crimping pumps to increase productivity and versatility for smaller hose assembly needs. Or, to power a standard crimping system at any location, air/hydraulic pump. With its cast aluminum design, the MiniKrimp™ Air/Hydraulic is lightweight, portable, and compact. This all-in-one unit is capable of crimping Parflex Division hose sizes up to 1". Parker's crimper power units deliver up to 10,000 PSI for the Minikrimp.

Specifications	
Approximate Size (with Pump)	15" wide, 6" deep, 6" high
Weight (w/o Power)	14 lbs.
Rating (steel & brass)	10,000 psi maximum 80-110 psi
Intake Port	1/4" NPTF
Output Port	3/8" NPTF



S.149176 Hose Cut Off Saw

1 1/2 HP, 115V with Blade

Features

- Quick easy cutting of reinforced hydraulic hose.
- Cuts up to 1-1/4" ID hose.
- Moving parts shielded by guards.
- 13" wide x 26" long x 22" high
- Shipping Weight 71 Lbs.



Crimping Dies

43 Series Dies

Use with AG2, HTB, 387, 487, 787 Hose

Hoes ID	Color Code	Sparex#	Pioneer#
-4 (1/4")	Red	S.128544	80C-A04
-6 (3/8")	Yellow	S.128545	80C-A06
-8 (1/2")	Blue	S.128546	80C-A08
-10 (5/8")	Orange	S.128541	80C-A10
-12 (3/4")	Green	S.128542	80C-A12
-16 (1")	Black	S.128543	80C-A16
-20 (1-1/4")	White	S.130315	80C-A20

43 Series Dies

Use with Farmex II, HR2CR Hose Only.

Hoes ID	Color Code	Sparex#	Pioneer#
-4 (1/4")	Red	S.164376	80C-P0660

43 Series Dies

Use with HR2C Farmex II

Hoes ID	Color Code	Sparex#	Pioneer#
-6 (3/8")	Yellow	S.150303	80C-P06H
-8 (1/2")	Blue	S.150304	80C-P0945
-12 (3/4")	Green	S.150305	80C-P1245
-16 (1")	Black	S.150306	80C-P1565

