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*More than  
a supplier,  
a partner.*

Match-tested system  
specialists with  
nation-wide distribution.



# *WELCOME TO THE TAIPAN FAMILY*

Taipan's story began 25 years ago with two brothers running their own mobile hose repair service in Queensland.

Since then the company has grown into a national supplier of world class hydraulic hose systems. We have never forgotten our roots.

Our fast, flexible and responsive service is designed to help our customers pass on an unbeatable service to their customers.

Taipan is a values driven company with an unwavering commitment to quality in everything we do.





# TAIPAN ONE-PIECE

*Taipan one-piece hose tails are manufactured by world-class specialists who use cutting edge technology to ensure reliability and safety in Australia's harsh industrial and climatic conditions.*

One-piece hose tails provide the peace of mind that your collar will not slip out of alignment and that you have the correct ferrule matched to the tail.

The advantage of a quick assembly and no skiving provides Taipan customers a robust and hassle-free solution to hose assembly work.

For feedback on our product range and in-stock performance, please email [sales@taipan.com.au](mailto:sales@taipan.com.au)



**TAIPAN**  
Hydraulic Hose Systems

# SECTION 1

## HOSE





## Single-Wire Braid Hose

Premium Smooth Cover



SAE100R1 | Page 13

MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

## Double-Wire Braid Hose

Premium Smooth Cover



SAE100R2 | Page 14

General Purpose  
Wrapped Cover



SAE100R2GP | Page 14

High Temperature



SAE100R2H | Page 15

High Pressure



SAE100R19 | Page 15

MORE PRODUCTS  
COMING SOON

## Compact Single-Wire Braid Hose

Compact Single-Braid  
Smooth Cover



SAE100R17 | Page 16

Fire Suppression



100R17RFS | Page 29

MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

## Compact Double-Wire Braid Hose

Premium Smooth Cover



SAE100R16 & SAE100R16TW  
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General Purpose



SAE100R16GP | Page 17

High Temperature



SAE100R16H | Page 18

Extreme Condition

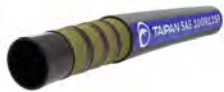




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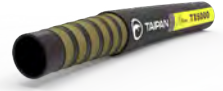
MORE PRODUCTS  
COMING SOON






### Four-Wire Spiral Hose

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### Four & Six-Wire Spiral Hose

<p><b>5000PSI</b></p>  <p>SAE100R13   Page 21</p>	<p><b>Premium 6000PSI</b></p>  <p>SAE100R15   Page 21</p>	<p><b>Extreme Condition</b></p>  <p>TX6000   Page 22</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>
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### Textile Braid Hose

<p><b>Premium Smooth Cover</b></p>  <p>SAE100R6   Page 23</p>	<p><b>High Temperature</b></p>  <p>SAE100R6H   Page 23</p>	<p><b>Fire Suppression</b></p>  <p>SAE100R6RFS   Page 29</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>
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### Thermoplastic Hose







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## High-Temperature Hose








High-Temperature Double-Wire Braid	High-Temperature Compact Double-Wire Braid	High-Temperature Single-Wire Braid	High-Temperature Textile Braid	
				MORE PRODUCTS COMING SOON
SAE100R2H   Page 15	SAE100R16H   Page 17	SAE100R5H   Page 35	SAE100R6H   Page 23	

## Accessory Hose

<b>Engine Oil Hose</b>	Single-Braid Engine Oil  100R1E0   Page 29	<b>Fire Suppression Hose</b>	Fire Suppression  100R17RFS   Page 29	Fire Suppression  SAE100R6RFS   Page 30
<b>Grease Hose</b>	Premium Grease Line  GH8.3   Page 30	<b>Jacking Hose</b>	10,000PSI Jacking  SAE100R2J   Page 31	MORE PRODUCTS COMING SOON
<b>Paint Spray Hose</b>	Single-Braid Paint Spray  PSH1   Page 32	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON



## Accessory Hose

<p><b>Power Steering Hose</b></p>	<p>Power Steering Hose</p>  <p>SAE188   Page 32</p>	<p><b>Stainless PTFE</b></p>	<p>PTFE Smooth Bore</p>  <p>SAE100R14   Page 33</p>	<p>PTFE Convuluted</p>  <p>SAE100R14-C   Page 33</p>
<p><b>Suction Hose</b></p>	<p>Premium Suction</p>  <p>SAE100R4   Page 34</p>	<p><b>Truck Hose</b></p>	<p>High Temperature</p>  <p>SAE100R5H   Page 35</p>	<p>MORE PRODUCTS COMING SOON</p>
<p><b>Waterblast Hose</b></p>	<p>Single-Braid Pressure Clean</p>  <p>SAE100R1PWH Page 36</p>	<p>Double-Braid Pressure Clean</p>  <p>SAE100R2PWH Page 36</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>





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**TAIPAN**  
Hydraulic Hose Systems

## Single-Wire Braid Hose

### SAE100R1 - Premium Smooth Cover

#### Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *One braid of high-tensile steel wire.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R1-03	3/16	4.8	12.1	3000	12000	90	130	0.20
100R1-04	1/4	6.4	13.5	3270	13080	100	130	0.22
100R1-06	3/8	9.5	17.1	2610	10440	125	100	0.30
100R1-08	1/2	12.7	20.3	2320	9280	180	100	0.39
100R1-10	5/8	15.9	23.9	1890	7560	205	50	0.50
100R1-12	3/4	19.0	27.8	1520	6080	240	50	0.64
100R1-16	1	25.4	35.5	1280	5120	300	50	0.83
100R1-20	1 1/4	31.7	42.8	900	3600	420	20	1.20
100R1-24	1 1/2	38.1	49.5	740	2960	500	20	1.50
100R1-32	2	50.8	61.4	580	2320	630	20	1.95

**Specifications:** Non-Skive, meets or exceeds SAE J517 100R1, EN853.

**Application:** High-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +100°C

**Couplings: K series-** See pg. 57-83, **D series with D1 shells** - See pg. 83-89

**Approvals:** See Standards Chart pg. 370



## Double-Wire Braid Hose

### SAE100R2 - Premium Smooth Cover

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of special high-tensile steel wire separated by a synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R2-04	1/4	6.4	14.6	5800	23200	100	130	0.33
100R2-05	5/16	7.9	16.7	5080	20320	115	90	0.41
100R2-06	3/8	9.5	18.7	5000 (LR 4790)	20000	125	100	0.50
100R2-08	1/2	12.7	22.0	4257 (LR 3990)	17028	180	100	0.60
100R2-10	5/8	15.9	25.3	3630	14520	205	50	0.75
100R2-12	3/4	19.0	29.0	3120	12480	240	50	0.88
100R2-16	1	25.4	37.0	2500 (LR 2390)	10000	300	50	1.37
100R2-20	1 1/4	31.8	45.2	1840	7360	420	20	1.20
100R2-24	1 1/2	38.1	51.5	1320	5280	500	20/60	1.50
100R2-32	2	50.8	64.0	1170	4680	630	20	1.95

**Specifications:** Non-Skive, meets or exceeds SAE J517 100R2, EN853, ISO6805.

**Application:** High-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +100°C

**Couplings: K series-** See pg. 57-83, **D series with D2 shells-** See pg. 83-89

**Approvals:** See Standards Chart pg. 370

LR= Lloyd's Register approved pressure.

### SAE100R2GP - General Purpose Wrapped Cover

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high-tensile copper clad wire separated by a synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R2GP-04	1/4	6.4	15.0	5800	23200	100	100	0.35
100R2GP-06	3/8	9.5	18.7	4785	19140	127	100	0.50
100R2GP-08	1/2	12.7	22.2	3988	17028	178	100	0.62
100R2GP-10	5/8	15.9	25.3	3625	14400	203	100	0.72
100R2GP-12	3/4	18.9	29.6	3118	12470	240	70	0.92
100R2GP-16	1	25.4	37.1	2393	9570	300	70	1.30

**Specifications:** Non-Skive, EN853, 2SN & SAE J517 100R2.

**Application:** Medium to high-pressure hydraulic lines. Suitable for petroleum-based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +100°C

**Couplings: K series-** See pg. 57-83, **D series with D2 shells-** See pg. 83-89

**Approvals:** See Standards Chart pg. 370

## Double-Wire Braid Hose

### SAE100R2H - High-Temperature

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high-tensile steel wire separated by a synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Blue.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R2H-20	1 1/4	31.8	47.8	1800	7200	420	20	2.16
100R2H-24	1 1/2	38.1	54.2	1300	5200	500	20	2.48
100R2H-32	2	50.8	67.0	1150	4600	630	20	3.08

**Specifications:** Non-Skive, meets or exceeds SAE J517 100R2, EN853, 2SN.

**Application:** High-temperature hose at high-pressure for hydraulic applications. Meets or exceeds SAE 100R2 performance. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +135°C (discontinuous 150°C), for air, not higher than 121°C

**Couplings: K series-** See pg. 57-83.

**Approvals:** See Standards Chart pg. 370

### SAE100R19 - High Pressure

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high-tensile steel wire braids.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R19-10	5/8	15.9	23.8	4100	16400	100	60	0.65
100R19-12	3/4	19.0	27.8	4100	16400	120	60	0.80
100R19-16	1	25.4	37	4100	16400	150		1.25

**Specifications:** Non-Skive, meets SAE J517 100R19.

**Application:** High-pressure hose with improved impulse cycles and greater performance. Suitable for passage of mineral and vegetable oils, water-based solutions and inert gases.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** Continuous: -40°C to +100°C (intermittent to 120°C)

**Couplings: K series-** See pg. 57-83.

**Approvals:** See Standards Chart pg. 370



## Compact Single-Wire Braid Hose

### SAE100R17 - Compact Smooth Cover

**Construction:**

- Inner Tube; *Polyester.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Synthetic rubber, weather and abrasion resistant - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R17-04	1/4	6.4	12.4	3045	12180	45	100	0.22
100R17-06	3/8	9.6	16.2	3045	12180	50	100	0.40

**Specifications:** Meets SAE 100R17 performance.

**Application:** Recommended for medium-pressure hydraulic applications, mobile and industrial equipment, forklifts. Suitable for hydraulic systems with petroleum and water-based fluids.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -20°C to +100°C

**Couplings:** **K series-** See pg. 57-83, **D series with D17 shells-** See pg. 83-89

**Approvals:** See Standards Chart pg. 370

## Compact Double-Wire Braid Hose

### SAE100R16 & SAE100R16 Twin Line - Premium Smooth Cover

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two high-tensile steel wire braids.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber outer cover - Black. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R16-04	1/4	6.4	13.2	5000	20000	50	100	0.22
100R16-06	3/8	9.5	17.3	4000	16000	63	100	0.30
100R16-08	1/2	12.7	20.8	3500	14000	90	100	0.39
100R16TW-06	3/8	10.0	17.1	5075	20300	70	100	0.836
100R16TW-08	1/2	12.7	20.5	4495	17980	80	-	1.042

**Specifications:** Non-Skive, compact two wire with improved working pressure and bend radius.

**Application:** Hydraulic system serviced with petroleum and water-based fluids.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** Continuous -40°C to +100°C

**Couplings:** K series- See pg. 57-83

**Approvals:** See Standards Chart pg. 370

TW= Twin Line

### SAE100R16GP - General Purpose

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high tensile flexible wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black MSHA cover*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R16GP-04	1/4	6.4	13.2	5800	23200	50	100	0.30
100R16GP-06	3/8	9.5	17.0	4785	19140	65	100	0.42
100R16GP-08	1/2	12.7	20.5	4000	16000	90	100	0.54
100R16GP-10	5/8	15.9	24.0	3625	14500	100	100	0.68
100R16GP-12	3/4	18.9	28.0	3120	12480	120	70	0.80
100R16GP-16	1	25.4	35.3	2400	9600	150	70	1.15

**Specifications:** Non-Skive, EN857 2SC & SAE J517 100R16.

**Application:** Medium to high pressure hydraulic lines. Suitable for petroleum-based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +100°C

**Couplings:** K series- See pg. 57-83

**Approvals:** See Standards Chart pg. 370



## Compact Double-Wire Braid Hose

### TX2 - Extreme Condition

**Construction:**

- Inner Tube; Synthetic rubber resistant against hydraulic fluids HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC.
- Reinforcement; Two braids of high-tensile steel wire.
- Outer Cover; Synthetic rubber. 10 times abrasion resistance, 700 hour ozone resistance, weather, salt water resistance. Flame retardant & MSHA approved. Black.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
TX2-04	1/4	6.6	13.4	6525	26100	45	215	0.27
TX2-06	3/8	9.9	16.8	5585	22340	65	140	0.38
TX2-08	1/2	13.0	20.5	5075	20300	90	100	0.52
TX2-10	5/8	16.4	23.7	4205	16820	100	160	0.61
TX2-12	3/4	19.5	27.7	4060	16240	120	130	0.79
TX2-16	1	26.0	35.6	2900	11600	150	85	1.15

**Specifications:** Non-Skive, meets and exceeds EN857, SAE J517 100R16 exceeds 100R19 (-04-12).

**Application:** Hydraulic systems serviced with petroleum and water-based fluids. For use where a tighter bend radius is required and/or exposure to harsh conditions.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to 100°C. Max 120°C intermittent.

**Couplings:** K series- See pg. 57-83

**Approvals:** See Standards Chart pg. 370

### SAE100R16H - High Temperature

**Construction:**

- Inner Tube; Synthetic rubber.
- Reinforcement; Two high-tensile steel wire braids.
- Outer Cover; Oil, weather and abrasion resistant synthetic rubber- Blue.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R16H-04	1/4	6.4	13.4	5800	23200	50	RL	0.30
100R16H-06	3/8	9.5	17.3	4800	19200	65	RL	0.40
100R16H-08	1/2	12.7	20.5	4000	16000	90	RL	0.50
100R16H-10	5/8	15.9	24.2	3600	14400	100	RL	0.65
100R16H-12	3/4	19.0	27.8	3000	12000	120	RL	0.85
100R16H-16	1	25.4	34.7	2400	9600	150	RL	1.15

**Specifications:** Non-Skive, meets or exceeds SAE 100R16, EN857, 25C.

**Application:** High-temperature hose with extreme flexibility. Recommended for hydraulic applications where a tighter bend radius is needed. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +135°C (discontinuous 150°C), for air, not higher than 121°C

**Couplings:** K series- See pg. 57-83

**Approvals:** See Standards Chart pg. 370

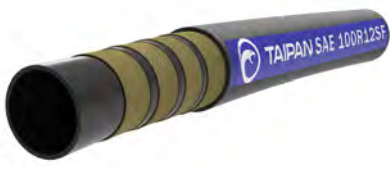
For Reel Length, RL = Random Length

## Four-Wire Spiral Hose

### SAE100R12SF - Premium Superflex Half Bend Radius 4000PSI

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high-tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, MSHA cover with 720 hrs ozone resistance & 2 times abrasion resistance.*
- *Reduced bend radius.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R12SF-12	3/4	19.0	30.0	4100	16400	120	60	1.10
100R12SF-16	1	25.4	37.0	4100	16400	150	60	1.40
100R12SF-20	1 1/4	31.8	44.6	4100	16400	210	60	2.50
100R12SF-24	1 1/2	38.1	51.6	4100	16400	290	45	3.10

**Specifications:** Non-Skive, flame resistant cover.

**Applications:** Very high-pressure hose, super flexible high performance with half bend radius of SAE 100R12. Higher flexibility compared with conventional spiral hoses. Tested over 1,000,000 impulse cycles at 133% of working pressure. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** Continuous -40°C to +121°C (Intermittent to 125°C).

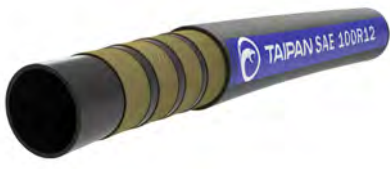
**Couplings: L series-** See pg. 113-132

**Approvals:** See Standards Chart pg. 370

### SAE100R12 - Premium Standard

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high-tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather and abrasion - Black. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R12-24	1 1/2	38.1	53.3	4200	16800	560	45	3.30
100R12-32	2	51.1	67.3	3625	14500	700	60	4.94

**Specifications:** Non-Skive, flame resistant cover.

**Application:** High-pressure hose, exceeds SAE 100R12. Higher flexibility compared with conventional spiral hoses. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** Continuous -40°C to +100°C (Intermittent to 120°C).

**Couplings: L series-** See pg. 113-132

**Approvals:** See Standards Chart pg. 370

*Refer to 100R12SF for additional sizes.*



## Four-Wire Spiral Hose

### TX4000 - Extreme Condition

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Four layers of high-tensile steel spirals.*
- Outer Cover; *Synthetic rubber resistant to oils, weather and abrasion resistant - Black. MSHA cover. 10 times abrasion resistance with improved resistance to ozone & UV.*
- *1/2 Bend Radius Hose*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
TX4000-06	3/8	9.5	19.7	4100	16400	65	60	0.60
TX4000-08	1/2	12.7	22.7	4100	16400	90	60	0.80
TX4000-12	3/4	19.0	30.0	4100	16400	120	60	1.10
TX4000-16	1	25.4	37.0	4100	16400	150	60	1.40

**Specifications:** Non-Skive, flame resistant cover. SAE J517.

**Application:** Very high-pressure hose, high performance with half bend radius of SAE 100R12. Higher flexibility compared with conventional spiral hoses. Tested over 1,000,000 impulse cycles at 33% more than working pressure. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases. For use in harsh conditions.

**Temperature Range:** Continuous -40°C to +121°C (Intermittent to 125°C)

**Couplings: L series-** See pg. 113-132

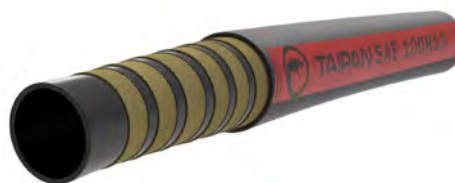
**Approvals:** See Standards Chart pg. 370

## Four & Six-Wire Spiral Hose

### SAE100R13 - 5000PSI

**Construction:**

- Inner Tube; Oil resistant synthetic rubber.
- Reinforcement; Four\* plies of spirally wrapped high-tensile wire.
- Outer Cover; Synthetic rubber resistant to oils, weather and abrasion resistant - Black. MSHA cover.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R13-12	3/4	19.0	31.3	5000	20000	280	20	1.50
100R13-16	1	25.4	38.5	5000	20000	340	20	2.20

**Specifications:** Non-Skive, meets SAE J517 100R13, EN856 R13.

**Application:** Extra high-pressure service with petroleum-based hydraulic fluids.

**Temperature Range:** -40°C to + 121°C

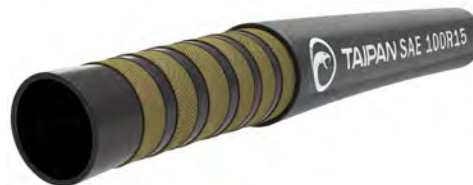
**Couplings: N series-** See pg. 133-150

**Approvals:** See Standards Chart pg. 370

### SAE100R15 - Premium 6000PSI

**Construction:**

- Inner Tube; Synthetic rubber.
- Reinforcement; Four\* or six\*\* plies of spirally wrapped high-tensile wire.
- Outer Cover; Synthetic rubber resistant to oils, abrasion and weather conditions - Black. MSHA cover.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R15-06	3/8	9.5	20.0	6100	24400	65	60	0.65
100R15-08	1/2	12.7	23.0	6100	24400	90	60	0.85
100R15-10	5/8	16.0	26.6	6100	24400	100	60	1.00
100R15-12	3/4	19.0	30.6	6100	24400	120	60	1.50
100R15-16	1	25.4	37.8	6100	24400	150	60	2.00
100R15-20	1 1/4	31.8	49.3	6100	24400	300	60	3.55
100R15-24	1 1/2	38.1	57.0	6100	24400	350	60	4.65
100R15-32*	2	51.0	70.5	6000	24000	650	60	6.5

**Specifications:** Non-Skive, exceeds SAE J517 100R15.

**Application:** Very high-pressure hose, with high performance and half bend radius of the SAE 100R15 standard. Higher flexibility compared with conventional spiral hoses. Tested to over 1,000,000 impulse cycles at 133% of working pressure from -06 to -12 and 120% working pressure from -16 to -32, more than twice that required by SAE J517, EN856 or ISO 3862-1. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** -40°C to + 121°C (intermittent to 125°C)

**Couplings: L Series** -06,-08 - See pg. 113-132

**N Series** -10 to -32 -See pg. 133-150

**Approvals:** See Standards Chart pg. 370

**Note:**

\*Four spirals -06 to-16

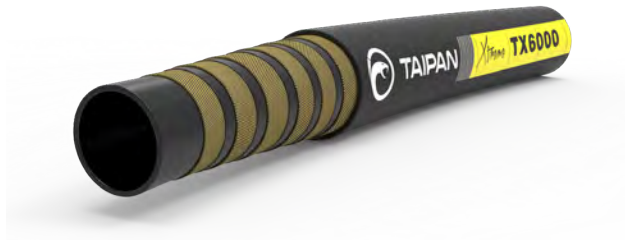
\*\*Six spirals -20 to-32

## Four & Six-Wire Spiral Hose

### TX6000 - Extreme Condition

**Construction:**

- Inner Tube; *Synthetic rubber resistant against hydraulic fluids HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC & biodegradable hydraulic fluid.*
- Reinforcement; *Four (4S) or six (6S) high-tensile steel wire.*
- Outer Cover; *Synthetic rubber. 10 times abrasion resistance, 700 hour ozone resistance, weather, salt water resistance. Flame retardant & MSHA approved. Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
TX6000-06	3/8	9.9	20.2	6090	24360	65	100	0.67
TX6000-08	1/2	13	22.9	6090	24360	90	100	0.78
TX6000-10	5/8	16.4	26.5	6090	24360	100	100	1.05
TX6000-12	3/4	19.5	30.5	6090	24360	120	100	1.46
TX6000-16	1	25.9	37.5	6090	24360	150	100	1.94
TX6000-20	1 1/4	32.5	47.3	6090	24360	400	40	3.77

**Specifications:** Non-Skive, meets ISO 18752-CC exceeds SAE 100R15.

**Application:** Very high-pressure hose, high performance with reduced bend radius. Higher flexibility compared with conventional spiral hoses. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases. For use in harsh conditions.

**Temperature Range:** Continuous -40°C to +121°C

**Couplings:** **N series**- See pg. 133-150, **L series**- See pg. 113-132

**Approvals:** See Standards Chart pg. 370

**Note:**

\*Four spirals -06 to -20

\*\*Six spirals -24 to -32



## Textile Braid Hose

### SAE100R6 - Premium Smooth Cover

**Construction:**

- Inner Tube; Oil resistant synthetic rubber tube.
- Reinforcement; Two textile braids.
- Outer Cover; Synthetic oil and weather resistant rubber - Black.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R6-03	3/16	4.8	12.1	580	2320	64	100	0.16
100R6-04	1/4	6.4	13.5	580	2320	65	100	0.17
100R6-05	5/16	7.9	15.9	580	2320	75	100	0.19
100R6-06	3/8	9.5	17.1	580	2320	75	100	0.22
100R6-08	1/2	12.7	20.0	510	2040	100	100	0.30
100R6-10	5/8	15.9	23.5	510	2040	125	50	0.32
100R6-12	3/4	19.0	27.8	510	2040	150	50	0.44
100R6-16	1	25.4	35.2	510	2040	170	50	0.58

**Specifications:** Exceeds SAE J517 100R6 performance.

**Application:** Medium-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +100°C

**Couplings:** H series- See pg. 101-104

**Approvals:** See Standards Chart pg. 370

### SAE100R6H - High Temperature

**Construction:**

- Inner Tube; Oil resistant synthetic rubber tube.
- Reinforcement; One high resistant textile braid.
- Outer Cover; Blue synthetic rubber resistant to oils, abrasion and weather condition.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R6H-04	1/4	6.4	12.6	400	1600	65	100	0.08
100R6H-05	5/16	7.9	14.2	400	1600	75	100	0.10
100R6H-06	3/8	9.5	15.8	400	1600	75	100	0.13
100R6H-08	1/2	12.7	19.8	400	1600	100	100	0.15
100R6H-10	5/8	15.9	23.1	350	1400	125	50	0.17
100R6H-12	3/4	19.0	26.5	300	1200	150	50	0.21

**Specifications:** Meets or exceeds SAE J517 100R6 performance.

**Application:** High-temperature low-pressure hose for hydraulic applications.

Suitable for passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** -40°C to +150°C

**Air Application:** For air applications temperature should not exceed 121°C

**Couplings:** H series- See pg 101-104.

**Approvals:** See Standards Chart pg. 370

## Thermoplastic Hose

### SAE100R7 & SAE100R7TW

**Construction:**

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of synthetic fibre.*
- Outer Cover; *Polyurethane, pinpricked - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R7-02	1/8	4.0	8.3	3000	12000	25	100	0.045
100R7-03	3/16	5.0	9.6	3000	12000	25	100	0.06
100R7-04	1/4	6.5	12.2	3000	12000	35	100	0.10
100R7-06	3/8	9.7	16.0	2300	9200	55	100	0.15
100R7-08	1/2	13.0	20.3	2000	8000	75	100	0.22
100R7TW-04	1/4	6.5	12.2	3000	12000	35	100	0.20
100R7TW-06	3/8	9.7	16.0	2300	9200	55	100	0.29
100R7TW-08	1/2	13	20.3	2000	8000	75	100	0.44

**Specifications:** Meets or exceeds SAE 100R7, EN855, ISO3949.

**Application:** Medium-pressure hose suitable for hydraulic applications with increased resistance to abrasion. For use with petroleum synthetic or water-based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, agricultural machinery, forklifts and trucks. Also suitable for many industrial gases.

**Vacuum Rating:** 0.93Bar, 700MM Hg (-13.5PSI; 27.5 inch Hg).

**Temperature Range:** -40°C to +100°C. Not to exceed +70°C for air and water-based fluids.

**Couplings: J series-** See pg. 105-112

**Approvals:** See Standards Chart pg. 370

TW= Twin Line



## Thermoplastic Hose

### SAE100R7 & SAE100R7TW - Non-Conductive



**Construction:**

- Inner Tube; Polyester elastomer.
- Reinforcement; One braid of synthetic fibre.
- Outer Cover; Polyurethane, **NOT** pinpricked - Orange.

Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R7NC-03	3/16	5.0	9.6	3000	12000	25	100	0.06
100R7NC-04	1/4	6.5	12.2	3000	12000	35	100	0.10
100R7NC-05	5/16	8.1	14.3	2700	10800	45	100	0.13
100R7NC-06	3/8	9.7	16.0	2300	9200	55	100	0.15
100R7NC-08	1/2	13.0	20.3	2000	8000	75	100	0.22
100R7NCTW-06	3/8	9.7	16.0	2300	9200	55	100	0.29

**Specifications:** Meets or exceeds SAE 100R7, EN855, ISO3949.

**Application:** Medium-pressure hose suitable for petroleum or synthetic-based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high-tension environments e.g. near power lines.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Vacuum Rating:** 0.93Bar, 700MM Hg (-13.5PSI: 27.5 inch Hg).

**Temperature Range:** -40°C to +100°C. Not to exceed +70°C for air and water-based fluids.

**Couplings: J series-** See pg. 105-112

**Approvals:** See Standards Chart pg. 370

TW= Twin Line



## Thermoplastic Hose

### SAE100R8 & SAE100R8TW



**Construction:**

- Inner Tube; Polyester elastomer.
- Reinforcement; One or two braids of aramid fibre.
- Outer Cover; Polyurethane, pinpricked - Black.

Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R8-02	1/8	4.0	8.0	6000	24000	25	100	0.034
100R8-03	3/16	5.0	8.9	5000	20000	30	100	0.05
100R8-04	1/4	6.5	11.5	5000	20000	50	100	0.09
100R8-06	3/8	9.7	15.5	4000	16000	60	100	0.14
100R8-08	1/2	13.0	19.9	3500	14000	80	100	0.20
100R8-12	3/4	19.5	26.9	2300	9200	150	100	0.32
100R8-16	1	25.9	34.2	2000	8000	200	44	0.44
100R8TW-04	1/4	6.5	11.5	5000	20000	50	100	0.17
100R8TW-06	3/8	9.7	15.5	4000	16000	60	100	0.27
100R8TW-08	1/2	13.0	19.9	3500	14000	80	100	0.40

**Specifications:** Meets or exceeds SAE 100R8, EN855, ISO3949. Hoses also meets standards SAE J517, J343.

**Application:** High-pressure hose suitable for use with petroleum synthetic or water-based hydraulic fluids with increased resistance to abrasion and very low expansion. Suitable for general fluid power transmissions like earthmoving, agricultural machinery, forklift trucks and other high-pressure equipment. Also suitable for many industrial gases.

**Vacuum Rating:** 0.93Bar, 700MM Hg (-13.5PSI: 27.5 inch Hg).

**Temperature Range:** -40°C to +100°C. Not to exceed +70°C for air and water-based fluids.

**Couplings: J series-** See pg. 105-1112

**Approvals:** See Standards Chart pg. 370

TW= Twin Line



## Thermoplastic Hose

### SAE100R8 & SAE100R8TW - Non-Conductive

**Construction:**

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of aramid fibre.*
- Outer Cover; *Polyurethane, **NOT** pinpricked - Orange.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R8NC-04	1/4	6.5	11.5	5000	20000	50	100	0.09
100R8NC-06	3/8	9.7	15.5	4000	16000	60	100	0.14
100R8NC-08	1/2	13.0	19.9	3500	14000	80	100	0.20
100R8NCTW-04	1/4	6.5	11.5	5000	20000	50	100	0.17
100R8NCTW-06	3/8	9.7	15.5	4000	16000	60	100	0.135
100R8NCTW-08	1/2	13	19.9	3500	14000	80	100	0.20

**Specifications:** Meets or exceeds SAE 100R8, EN855, ISO3949. Hose also meets standards SAE J517, J343 and EN855 for non-conductivity where maximum electrical leakage shall not exceed 50uA when a 152MM sample is subject to 375 KV for 5 minutes equivalent to 250KV/meter.

**Application:** High-pressure hose suitable for use with petroleum synthetic or water-based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high-tension environment e.g. near electrical power lines.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Vacuum Rating:** 0.93Bar, 700MM Hg (-13.5PSI: 27.5 inch Hg).

**Temperature Rating:** -40°C to +100°C. Not to exceed +70°C for air and water-based fluids.

**Couplings: J series-** See pg. 105-112

**Approvals:** See Standards Chart pg. 370

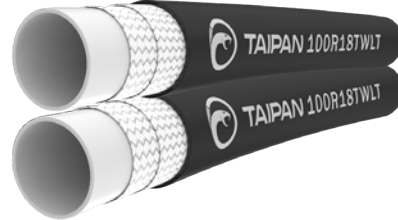
TW= Twin Line

## Thermoplastic Hose

### SAE100R18TWLT - Low Temperature

**Construction:**

- Inner Tube; *Polyester elastomer.*
- Reinforcement; *One or two braids of synthetic fibres.*
- Outer Cover; *Special polyester, black, pinpricked.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R18TWLT-04	1/4	6.5	12.20	3000	12000	35	100	0.19

**Specifications:** SAE 100R18 / ISO3949-R18.

Meets or exceeds SAE 100R18 specification. Medium-pressure hose suitable for petroleum or synthetic-based hydraulic fluids in hydraulic systems of forklifts. Optimum bonding characteristics and special cover also make it the ideal hose for equipment operating in cold environments while maintaining a high level of flexibility.

**Application:** Forklift handling. All industrial and agricultural applications exposed to low-temperatures or cyclic and quick temperature changes.

**Temperature Range:** -55°C to +100°C. Limited to +70°C for air and water-based fluid.

**Couplings: J series-** See pg. 105-1112

**Approvals:** See Standards Chart pg. 370





## Accessory Hose | Engine Oil Hose

### 100R1EO - Single-Braid Engine Oil

**Construction:**

- Inner Tube; *Nitrile rubber. High heat resistance.*
- Reinforcement; *One braid of high-tensile steel wire.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R1EO-08	1/2	12.7	20.3	2320	9280	180	100	0.39

**Specifications:** Non-Skive, meets or exceeds SAE J517 100R1, EN853.

**Application:** High-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils. Suitable for use with used engine oil.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +121°C

**Couplings: K series-** See pg. 57-83, **D series with D1 shells** - See pg. 83-89

**Approvals:** See Standards Chart pg. 370

## Accessory Hose | Fire Suppression Hose

### SAE100R17RFS - Fire Suppression

**Construction:**

- Inner Tube; *Polyester.*
- Reinforcement; *One braid of high tensile steel wire.*
- Outer Cover; *Synthetic rubber, weather and abrasion resistant - Red. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R17RFS-04	1/4	6.4	12.4	3045	12180	45	100	0.22

**Specifications:** Meets SAE 100R17 performance.

**Application:** Designed specifically for use in fire suppression systems. Recommended for medium-pressure hydraulic applications, mobile and industrial equipment, forklifts. Suitable for hydraulic systems with petroleum and water-based fluids.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -20°C to +100°C

**Couplings: K series-** See pg. 57-83, **D series with D17 shells**- See pg. 83-89

**Approvals:** See Standards Chart pg. 370

## Accessory Hose | Fire Suppression Hose

### SAE100R6RFS - Fire Suppression

**Construction:**

- Inner Tube; Oil resistant synthetic rubber tube.
- Reinforcement; Two textile spirals.
- Outer Cover; Synthetic oil and fire resistant rubber - Red MSHA cover.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R6RFS-04	1/4	6.4	13.5	580	2820	64	100	0.16
100R6RFS-06	3/8	9.5	17.1	580	2320	75	100	0.22
100R6RFS-08	1/2	12.7	16.6	510	2040	100	100	0.30
100R6RFS-12	3/4	19.0	27.8	510	2040	150	50	0.44

**Specifications:** Exceeds SAE J517 100R6.

**Application:** Designed specifically for use in fire suppression systems. Medium-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil fire resistant hydraulic fluids.

**Air Application:** For air and inert gas applications above 100PSI the cover should be pinpricked.

**Temperature Range:** -40°C to +100°C

**Couplings: H series-** See pg. 101-104

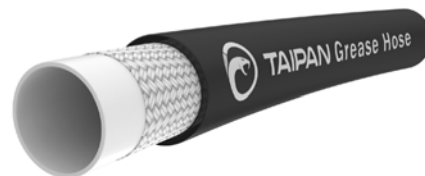
**Approvals:** See Standards Chart pg. 370

## Accessory Hose | Grease Hose

### GH8.3 - Premium Grease Line

**Construction:**

- Inner Tube; Thermoplastic polymer.
- Reinforcement; One braid of synthetic fibre polyester.
- Outer Cover; Thermoplastic polymer - Black.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
GH8.3MM	5/32	4.0	8.3	5800	14500	25	100	0.046

**Specifications:** Meets requirements of DIN 1283.

**Applications:** Manual and air-operated greasing guns, central greasing and lubrication systems. High-pressure hose suitable for petroleum or synthetic or water-based hydraulic fluids specifically designed for diverse greasing and lubrication applications of industrial vehicles and handheld or automatic greasing distribution equipment. Extremely compact and flexible, highly kink resistant, special anti-sticky cover for easy installation and compact routing.

\* Not suitable for impulse applications

**Temperature Range:** -40°C to 60°C

**Couplings: GH series -** See pg. 154-158, **J series -** See pg. 105-1112

**Approvals:** See Standards Chart pg. 370

## Accessory Hose | Jacking Hose

### SAE100R2J - 10,000PSI Jacking

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high-tensile steel wire separated by a synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R2J-04	1/4	6.4	13.3	10000	20000	50	RL	0.34
100R2J-06	3/8	9.5	17.3	10000	20000	65	RL	0.42

**Specifications:** Non-Skive, IJ100 10000PSI static pressure only.

**Application:** Hydraulic jack applications with petroleum and water-based fluids. Suitable for passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

**Temperature Range:** -40°C to 100°C (125°C intermittent).

**Couplings: K series-** See pg. 57-83

**Approvals:** See Standards Chart pg. 370

**Notes:** Bend Restrictors: 1/4" - VBR-0150, 3/8" - VBR-0190 other sizes also available  
For Reel Length, RL = Random Length



## Accessory Hose | Paint Spray Hose

### PSH1 - Single-Braid Paint Spray

**Construction:**

- Inner Tube; Nylon.
- Reinforcement; *One braid of high-tensile single-wire braid.*
- Outer Cover; Polyurethane - Blue.



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
PSH1-04	1/4	6.4	12.3	6120	18360	80	RL	0.17

**Application:** For paint spray equipment and hydraulic fluids service.

**Temperature Range:** -20°C to 80°C

**Couplings:** A series - Contact Taipan for details.

**Approvals:** See Standards Chart pg. 370  
For Reel Length, RL = Random Length

## Accessory Hose | Power Steering Hose

### SAEJ188 - Power Steering Hose

**Construction:**

- Inner Tube; *Special synthetic rubber resistant to hydraulic oil.*
- Reinforcement; *Two high-tensile synthetic textile braids.*
- Outer Cover; *Oil, abrasion, ozone and weather resistant synthetic rubber.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
SAE J188-06	3/8	9.8	20	1500	6000	70	RL	0.315

**Specifications:** Non-Skive, meets SAE J188.

**Application:** Designed specifically for medium-pressure service with hydraulic oil for power steering hoses.

**Temperature Range:** -40°C to +120°C (+135°C discontinuous)

**Couplings:** K Series- See Pg. 57-83

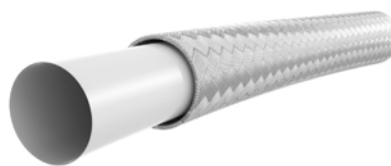
**Approvals:** See Standards Chart pg. 370  
For Reel Length, RL = Random Length

## Accessory Hose | Stainless PTFE

### SAE100R14 - PTFE Smooth Bore

**Construction:**

- Inner Tube; *Polytetrafluoroethylene (PTFE)*
- Reinforcement; *Single-braid of 304 series of stainless steel wire.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R14-02	1/8	3.0	6.2	3260	13040	40	100	0.07
100R14-03	3/16	4.8	7.6	2750	11000	50	100	0.08
100R14-04	1/4	6.4	8.8	2610	10440	75	100	0.10
100R14-05	5/16	8.0	11.0	2540	10160	100	100	0.13
100R14-06	3/8	9.5	12.1	2390	9560	125	100	0.17
100R14-08	1/2	12.7	16.2	1740	6960	165	100	0.22
100R14-10	5/8	16.0	18.8	1270	5080	200	50	0.28
100R14-12	3/4	19.0	23.1	1010	4040	230	50	0.33
100R14-16	1	25.4	29.2	870	3480	300	20	0.45

**Specifications:** SAE J517 100R14.

**Application:** Excellent chemical resistance, non-contamination properties, low coefficient and resists deterioration. High-temperature steam line, hot air supply line, compressor and chemical fluid line, brake fluids (non-petroleum).

**Temperature Range:** -54°C to +260°C

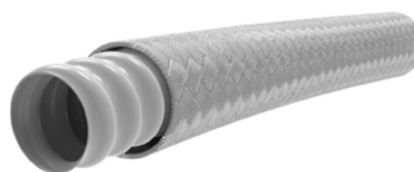
**Couplings:** C series- See pg. 151-152

**Approvals:** See Standards Chart pg. 370

### SAE100R14 - PTFE Convuluted

**Construction:**

- Inner Tube; *Helically convoluted sintered polytetrafluoroethylene (PTFE)*
- Reinforcement; *Single-braid of 304 series of stainless steel wire.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R14-08C	1/2	12.7	19.8	1960	7840	20	100	0.27

**Specifications:** PTFE (True Bore)

**Application:** Excellent chemical resistance, non-contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria in automotive, chemical, pharmaceutical, food processing, plastic and rubber moulding machines. Also, for some applications the tube can also be made conductive to dissipate electro-static charges.

**Temperature Range:** Continuous -54°C to +260°C

**Couplings:** A series - Contact Taipan for details.

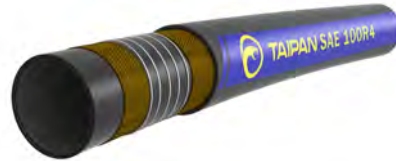
**Approvals:** See Standards Chart pg. 370

## Accessory Hose | Suction Hose

### SAE100R4 - Premium Suction

**Construction:**

- Inner Tube; *Synthetic oil resistant rubber.*
- Reinforcement; *One high-tensile polyester cord (helix wire).*
- Outer Cover; *Synthetic oil and weather resistant rubber - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Clamps Used	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R4-12	3/4	19.0	30.0	305	SC29-31W2	125	20	0.70
100R4-16	1	25.0	38.0	247	SC37-40W2	150	20	0.95
100R4-20	1 1/4	32.0	45.0	203	SC43-47W2	200	40	1.00
100R4-24	1 1/2	38.0	52.0	152	SC51-55W2	225	40	1.10
100R4-32	2	51.0	65.0	102	SC63-68W2	300	20	2.00
100R4-40	2 1/2	64.0	78.0	58	SC73-79W2	355	20	2.49
100R4-48	3	76.0	90.0	58	SC85-91W2	460	20	3.26

**Specifications:** Exceeds SAE J517 100R4.

**Application:** Oil suction and discharge hose for use in low-pressure and vacuum applications with petroleum-based hydraulic fluids.

**Temperature Range:** -25°C to +100°C

**Couplings:** Low-pressure tails (e.g. QAEX, QEBEX) with super clamps.- See pg. 91-95

**Approvals:** See Standards Chart pg. 370

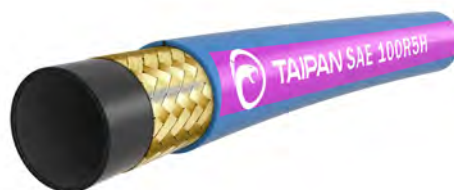


## Accessory Hose | Truck Hose

### SAE100R5H - High Temperature

**Construction:**

- Inner Tube; *Black synthetic rubber resistant to oils.*
- Reinforcement; *One textile braid and one high tensile steel wire braid.*
- Outer Cover; *Oil resistant polyester braid - Blue.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R5H-04	3/16	4.8	13.2	3000	12000	76	RL	0.24
100R5H-05	1/4	6.4	14.5	3000	12000	85	RL	0.26
100R5H-06	5/16	7.9	17.1	2250	9000	100	RL	0.32
100R5H-08	13/32	10.3	19.4	2000	8000	115	RL	0.36
100R5H-10	1/2	12.7	23.4	1750	7000	140	RL	0.51
100R5H-12	5/8	15.9	27.4	1500	6000	165	RL	0.63
100R5H-16	7/8	22.2	31.3	800	3200	185	RL	0.63
100R5H-20	1 1/8	28.6	38.1	625	2500	230	RL	0.75
100R5H-24	1 3/8	34.9	44.4	500	2000	265	RL	0.82
100R5H-32	1 13/16	46.0	56.2	350	1400	335	RL	1.14

**Specifications:** Non-Skive, meets or exceeds SAE 100R5 performance.

**Application:** High-temperature, medium-pressure hydraulic petroleum-based oil lines in impulse applications. Meets or exceeds SAE suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases. Compatible with diesel and unleaded fuels.

**Temperature Range:** -40°C to +150°C except for air, not higher than 121°C.

**Couplings:** **DF Series**- See pg. 96-98, **K Series** (refer to crimp chart) See pg. 57-83, **F series** (refer to crimp chart) See pg. 99-100

**Approvals:** See Standards Chart pg. 370

*For Reel Length, RL = Random Length*

## Accessory Hose | Waterblast Hose

### 100R1PWH & 100R2PWH - Pressure Clean

**Construction:**

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *One or two high-tensile steel wire braids.*
- Outer Cover; *Abrasion, weather, Ozone and detergent resistant synthetic rubber - \*Blue or Grey.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R1PWH-04 (BL)	1/4	6.6	11.8	3625	12000	35	RL	0.18
100R1PWH-06 (G)	3/8	9.9	14.7	4000	12000	75	RL	0.26
100R2PWH-06 (BL)	3/8	9.9	16.3	5800	19140	125	RL	0.28

**Specifications:** Complies with EN ISO7751, EN1829-2.

**Application:** Professional pressure water cleaning applications for dairies and general cleaning applications.

**Temperature Range:** -10°C to +155°C max.

**Couplings:** K series - See pg. 57-83

**Approvals:** See Standards Chart pg. 370

**Note:** \* = Hose colour; (BL) = Blue colour; (G) = Grey colour.

For Reel Length, RL = Random Length





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# MATCHED-TESTING MATTERS

*Taipan has the ability to ensure our matched hose systems meet or exceed industry manufacturing standards.*

## HOW DO WE DO THIS?

Taipan's R&D department is continuously testing our hose systems in house with a Bimal BI701K Impulse tester and a Bimal BPS40D Burst tester.

Impulse testing allows Taipan to establish and qualify a matched system. We impulse and burst test our hose assemblies with an above normal set of conditions to ensure we are selling a product we are confident will meet the demands of harsh Australian conditions and the expectations of our customers.

Taipan hose meets or exceeds Australian and International Standards ISO6805, ISO18752, SAEJ517, EN85a3, EN856 and EN857.

Reputable third parties - such as Lloyd's, Mine Safety & Health Administration and Mines Australia - also certify our hose independently (copies of third party certifications are available on request).

For more information on our match-tested range call 1300 654 782 or email [sales@taipan.com.au](mailto:sales@taipan.com.au)



**TAIPAN**  
Hydraulic Hose Systems







*SECTION 2*  
***HOSE TAILS***



## HOSE TAIL IDENTIFICATION KEY

### SAMPLE

<b>K</b>	<b>06</b>	<b>JF</b>	<b>09</b>	<b>90</b>	<b>-30mm</b>
Hose Type	Hose Size	Thread Style	Thread Size	Angle (If Required)	Drop Length (Available on 90° and 90° Long Drop Only)

### METRIC HOSE TAIL SAMPLE

<b>K</b>	<b>04</b>	<b>MF</b>	<b>08</b>	<b>14</b>	<b>A</b>
Hose Type	Hose Size	M = Metric F = Female	Tube Size	Thread Size	Thread Pitch
					A = 1.5mm B = 2.0mm C = 1.0mm

Note: Following angles not available on all hose tails.  
L = Long Drop\*

15°    22.5°    30°    45°    60°    67.5°    90°    90L°    110°

<i>BSP Thread</i>	<b>BF</b>	<b>BFF</b>	<b>BM</b>	<b>BPM</b>	BF = Female Parallel 60° Cone BFF = Female Flat Face BM = Male Taper BPM = Male Parallel 60° Cone
<i>Hose Joiner</i>	<b>HJ</b>				HJ = Hose Joiner
<i>JIC Thread</i>	<b>JF</b>	<b>JM</b>			JF = Female JIC Swivel 37° Cone JM = Male JIC 37° Cone
<i>JIS Thread (BSP)</i>	<b>IBF</b>				IBF = Female Parallel Pipe Swivel 30° Flare
<i>JIS Thread (Metric, Komatsu)</i>	<b>KF</b>				KF = Female Swivel Straight 30° Flare
<i>Karcher Pressure Wash</i>	<b>KA</b>				KA = Female 22mm x 14mm Pressure Wash
<i>Life Saver</i>	<b>LS</b>				LS = Life Saver
<i>Metric Thread</i>	<b>MBJ</b>	<b>MF</b>	<b>MM</b>	<b>MFF</b> <b>MFO</b>	MBJ = Metric Banjo MF = Female Straight 24° Cone MM = Male Straight 24° Cone MFF = Female Straight Flat Face MFO = Female Straight 24° Cone with o'ring
<i>NPT Thread</i>	<b>NF</b>	<b>NM</b>			NF = Female Parallel Straight NM = Male Taper Straight
<i>ORFS Thread</i>	<b>FO</b>	<b>MO</b>			FO = Female ORFS Swivel MO = Male ORFS
<i>SAE Flange Code 61 / 62</i>	<b>F61</b>	<b>F62</b>	<b>FC62</b>	<b>FT</b>	F61 = Code 61 Flange F62 = Code 62 Flange FC62 = CAT Flange FT = Taper Flange
<i>SAE Thread</i>	<b>IS</b>	<b>SF</b>			IS = Inverted Male SAE SF = SAE Female
<i>Stand Pipe</i>	<b>SP</b>				SP = Stand Pipe
<i>UNO Thread</i>	<b>PSW</b>	<b>PM</b>			PSW = UNO Male Swivel PM = UNO Male

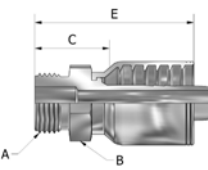
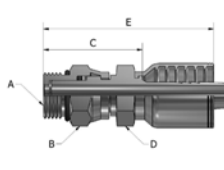
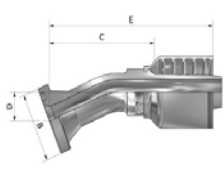
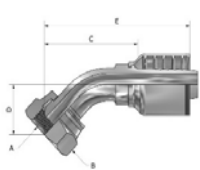
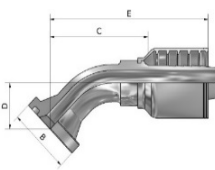
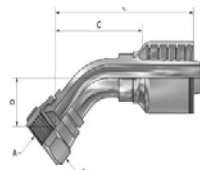
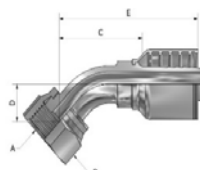
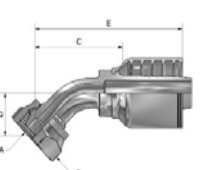
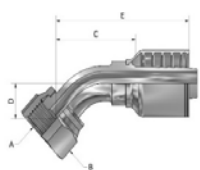
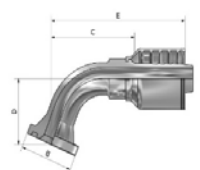

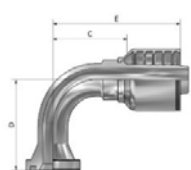



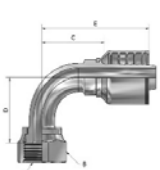
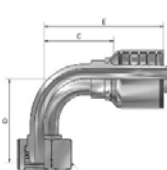
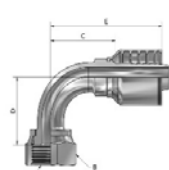
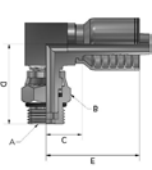




## Single & Double Wire Braid


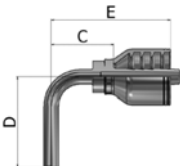
<b>Straight</b>	<b>BSP Banjo</b>	<b>Metric Banjo</b>	<b>BSPP F Swivel</b>	<b>BSPP F Flat Face</b>
				
	K-BJ   Page 57	K-MBJ   Page 57	K-BF   Page 57	K-BFF   Page 58
<b>BSPP Male</b>	<b>BSPT Male</b>	<b>BSPP M Bulkhead</b>	<b>SAE Code 61 Flange</b>	<b>Hose Joiner</b>
				
K-BPM   Page 58	K-BM   Page 59	K-BBPM   Page 60	K-F61   Page 60	K-HJ   Page 61
<b>JIC F Swivel 37°</b>	<b>JIC M 37°</b>	<b>JIS (BSP) F Parallel Pipe Swivel</b>	<b>Komatsu F Swivel 30° Flare JIS Metric</b>	<b>K Plug In Male</b>
				
K-JF   Page 61	K-JM   Page 63	K-IBF   Page 63	K-KF   Page 64	K-PI   Page 64
<b>Life Saver</b>	<b>Metric Flat Face F</b>	<b>Ball Nose Metric F 24° Cone</b>	<b>Metric M 24° Cone</b>	<b>NPT F Swivel</b>
				
K-LS   Page 65	K-MFF   Page 65	K-MF   Page 66	K-MM   Page 67	K-NF   Page 68
<b>NPT Male</b>	<b>F O-Ring Face Seal Swivel</b>	<b>M O-Ring Face Seal</b>	<b>SAE F</b>	<b>Stand Pipe</b>
				
K-NM   Page 68	K-FO   Page 69	K-MO   Page 69	K-SF   Page 70	K-SPM   Page 70

# Single & Double Wire Braid

<p><b>UNO M</b></p> 	<p><b>UNO Male Swivel</b></p> 	<p><b>22.5 Degree</b></p>	<p><b>SAE Code 61 Flange</b></p> 	<p>MORE PRODUCTS COMING SOON</p>
<p><b>K-PM</b>   Page 70</p>	<p><b>K-PSW</b>   Page 70</p>		<p><b>K-61</b>   Page 71</p>	
<p><b>45 Degree</b></p>	<p><b>BSPP F Swivel</b></p> 	<p><b>SAE Code 61 Flange</b></p> 	<p><b>JIC F Swivel</b></p> 	<p><b>Flat Face Metric F</b></p> 
	<p><b>K-BF</b>   Page 71</p>	<p><b>K-F61</b>   Page 72</p>	<p><b>K-JF</b>   Page 72</p>	<p><b>K-MFF</b>   Page 73</p>
<p><b>Ball Nose Metric F 24° Cone</b></p> 	<p><b>F O-Ring Face Seal Swivel</b></p> 	<p><b>67.5 Degree</b></p>	<p><b>SAE Code 61 Flange</b></p> 	<p>MORE PRODUCTS COMING SOON</p>
<p><b>K-MF</b>   Page 73</p>	<p><b>K-FO</b>   Page 74</p>		<p><b>K-F61</b>   Page 75</p>	
<p><b>90 Degree</b></p>	<p><b>BSPP F Swivel</b></p> 	<p><b>SAE Code 61 Flange</b></p> 	<p><b>JIC F Swivel</b></p> 	<p><b>JIS (BSP) F Parallel Pipe Swivel</b></p> 
	<p><b>K-BF</b>   Page 75</p>	<p><b>K-F61</b>   Page 76</p>	<p><b>K-JF</b>   Page 77</p>	<p><b>K-IBF</b>   Page 79</p>
<p><b>Komatsu F Swivel 30° Flare JIS Metric</b></p> 	<p><b>Flat Face Metric F</b></p> 	<p><b>Ball Nose Metric F 24° Cone</b></p> 	<p><b>F O-Ring Face Seal Swivel</b></p> 	<p><b>UNO Male Swivel</b></p> 
<p><b>K-KF</b>   Page 79</p>	<p><b>K-MFF</b>   Page 80</p>	<p><b>K-MF</b>   Page 80</p>	<p><b>K-FO</b>   Page 81</p>	<p><b>K-PSW</b>   Page 82</p>



## Single & Double Wire Braid

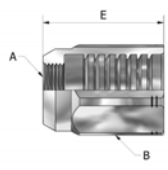
<p><b>SAE F</b></p>  <p><b>K-SF</b>   Page 82</p>	<p><b>Stand Pipe</b></p>  <p><b>K-SPM</b>   Page 83</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>
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## Single & Double Wire Braid Field Attachable

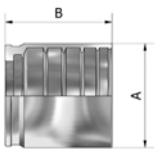
<p><b>Straight</b></p>	<p><b>BSP F Parallel Pipe Swivel</b></p>  <p><b>D-BF</b>   Page 83</p>	<p><b>BSPT Male</b></p>  <p><b>D-BM</b>   Page 84</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>D-JF</b>   Page 84</p>	<p><b>JIC M 37°</b></p>  <p><b>D-JM</b>   Page 85</p>
	<p><b>JIS (BSP) F Parallel Pipe Swivel</b></p>  <p><b>D-IBF</b>   Page 85</p>	<p><b>Life Saver</b></p>  <p><b>D-LS</b>   Page 85</p>	<p><b>F O-Ring Face Seal Swivel</b></p>  <p><b>D-FO</b>   Page 86</p>	<p><b>SAE Female</b></p>  <p><b>D-SF</b>   Page 86</p>
<p><b>45 Degree</b></p>	<p><b>BSPP F Swivel</b></p>  <p><b>D-BF</b>   Page 86</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>D-JF</b>   Page 87</p>	<p><b>F O-Ring Seal Swivel</b></p>  <p><b>D-FO</b>   Page 87</p>	<p>MORE PRODUCTS COMING SOON</p>
	<p><b>90 Degree</b></p>	<p><b>BSPP F Swivel</b></p>  <p><b>D-BF</b>   Page 87</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>D-JF</b>   Page 88</p>	<p><b>JIS (BSP) F Parallel Pipe Swivel</b></p>  <p><b>D-IBF</b>   Page 88</p>



### Single & Double Wire Braid Field Attachable

Shells	Field Attach Shells to suit 100R1 & 100R2 & R17	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
	 <p>D1-D2-D17   Page 89</p>			

### Single & Double Wire Braid Two Piece



Shells	100R2 Shells	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
	 <p>GN2   Page 90</p>			

### Suction Hose Low Pressure

Straight	BSPP F Swivel Nut x L/P HT	BSP Parallel M x L/P HT	BSPT M x L/P HT	Code 61 Flange x L/P HT
	 <p>QAAX   Page 91</p>	 <p>QADX   Page 91</p>	 <p>QAEX   Page 91</p>	 <p>QAFX   Page 92</p>
NPT M x L/P HT	UNO M x L/P HT	45 Degree	Code 61 Flange x L/P HT 45°	MORE PRODUCTS COMING SOON
 <p>QAUX   Page 92</p>	 <p>QAPX   Page 93</p>		 <p>QETFX-45   Page 93</p>	
90 Degrees	BSPP F Swivel x L/P HT	BSPP M x L/P HT 90°	BSPT M x L/P HT 90°	Code 61 Flange x L/P HT 90°
	 <p>QEBAX   Page 93</p>	 <p>QEBDX   Page 94</p>	 <p>QEBEX   Page 94</p>	 <p>QETFX   Page 95</p>







## Suction Hose Low Pressure

<p><b>UNO M x L/P HT 90°</b></p>  <p><b>QEBPX</b>   Page 95</p>	<p><b>Tee Piece</b></p>	<p><b>L/P x L/P x BSPP F Swivel</b></p>  <p><b>QTEXXA</b>   Page 95</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>
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## SAE100R5 Field Attachable

<p><b>Straight</b></p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>DF-JF</b>   Page 96</p>	<p><b>NPT Male</b></p>  <p><b>DF-NM</b>   Page 96</p>	<p><b>F O-Ring Face Seal Swivel</b></p>  <p><b>DF-FO</b>   Page 97</p>	<p><b>SAE F</b></p>  <p><b>DF-SF</b>   Page 97</p>
<p><b>45 Degree</b></p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>DF-JF</b>   Page 97</p>	<p><b>SAE F</b></p>  <p><b>DF-SF</b>   Page 97</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>
<p><b>90 Degrees</b></p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>DF-JF</b>   Page 98</p>	<p><b>SAE F</b></p>  <p><b>DF-SF</b>   Page 98</p>	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>

## SAE100R5 Crimp Hose Tails

<p><b>Straight</b></p>	<p><b>JIC F Swivel 37°</b></p>  <p><b>F-JF</b>   Page 99</p>	<p><b>NPT Male</b></p>  <p><b>F-NM</b>   Page 99</p>	<p><b>BSPP F Swivel</b></p>  <p><b>F-BF</b>   Page 99</p>	<p><b>BSPT Male</b></p>  <p><b>F-BM</b>   Page 100</p>
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## SAE100R5 Crimp Hose Tails

45 Degree

JIC F Swivel



F-JF | Page 100

90 Degree

JIC F Swivel



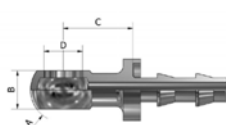
F-JF | Page 100

MORE PRODUCTS  
COMING SOON

## SAE100R6 Textile Braid

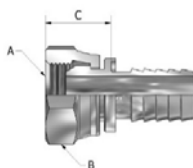
Straight

Banjo



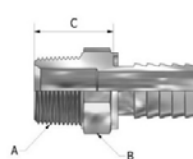
H-MBJ | Page 101

BSPP F Swivel



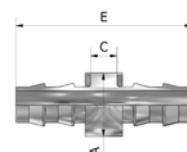
H-BF | Page 101

BSPT Male



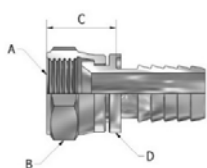
H-BM | Page 101

Hose Joiner



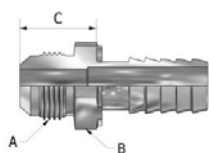
H-HJ | Page 102

JIC F 37° Swivel



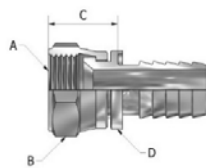
H-JF | Page 102

JIC M 37° Swivel



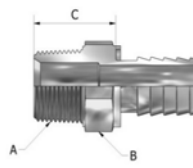
H-JM | Page 102

SAE F



H-SF | Page 103

NPT Male Taper

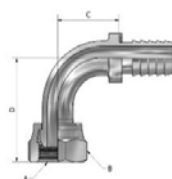


H-NM | Page 103

MORE PRODUCTS  
COMING SOON

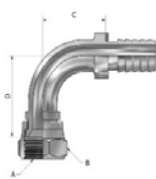
90 Degree

BSPP F Swivel



H-BF | Page 103

JIC F 37° Swivel



H-JF | Page 104

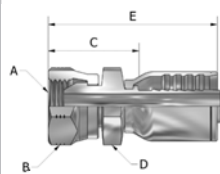
MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

## SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

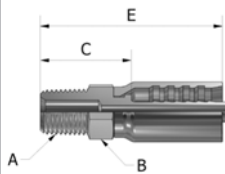
Straight

BSPP F Swivel



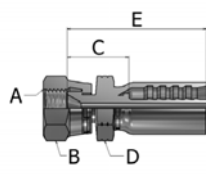
J-BF | Page 105

BSPT Male



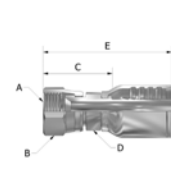
J-BM | Page 105

JIS (BSP) F Parallel  
Pipe Swivel



J-IBF | Page 105

JIC F 37° Swivel



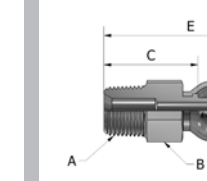
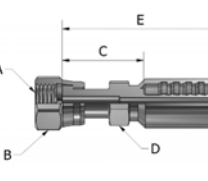
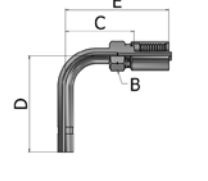
J-JF | Page 106



**TAIPAN**



# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

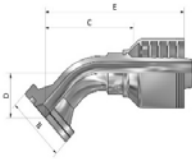
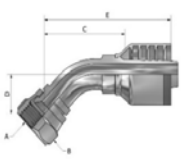
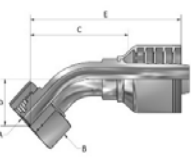
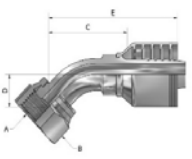
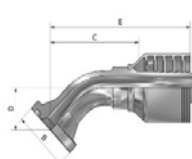
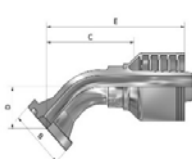

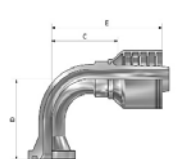
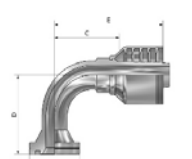
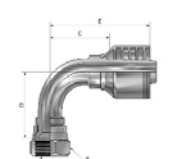
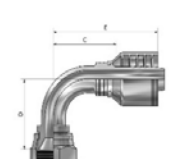


<p><b>JIC M 37°</b></p>  <p><b>J-JM</b>   Page 106</p>	<p><b>Komatsu F Swivel 30° Flare JIS Metric</b></p>  <p><b>J-KF</b>   Page 106</p>	<p><b>Metric F/M Ball Nose 24° Cone</b></p>  <p><b>J-MF</b>   Page 107</p>	<p><b>Metric M 24° Cone</b></p>  <p><b>J-MM</b>   Page 107</p>	<p><b>NPT Male</b></p>  <p><b>J-NM</b>   Page 107</p>		
<p><b>F O-Ring Face Seal Swivel</b></p>  <p><b>J-FO</b>   Page 108</p>	<p><b>Stand Pipe</b></p>  <p><b>J-SP</b>   Page 108</p>	<p><b>45 Degree</b></p>		<p><b>BSPP F Swivel</b></p>  <p><b>J-BF</b>   Page 109</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>J-JF</b>   Page 109</p>	
<p><b>Ball Nose Metric F 24° Cone</b></p>  <p><b>J-MF</b>   Page 109</p>	<p><b>F O-Ring Face Seal Swivel</b></p>  <p><b>J-FO</b>   Page 110</p>	<p><b>Stand Pipe</b></p>  <p><b>J-SP</b>   Page 110</p>	<p>MORE PRODUCTS COMING SOON</p>		<p>MORE PRODUCTS COMING SOON</p>	
<p><b>90 Degree</b></p>		<p><b>Metric Ball Nose F 24° Cone</b></p>  <p><b>J-MF</b>   Page 111</p>	<p><b>BSPP F Swivel</b></p>  <p><b>J-BF</b>   Page 110</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>J-JF</b>   Page 110</p>	<p><b>F O-Ring Face Seal Swivel</b></p>  <p><b>J-FO</b>   Page 111</p>	
<p><b>Stand Pipe</b></p>  <p><b>J-SP</b>   Page 1112</p>	<p>MORE PRODUCTS COMING SOON</p>		<p>MORE PRODUCTS COMING SOON</p>		<p>MORE PRODUCTS COMING SOON</p>	

# SAE100R12 Four Wire Spiral

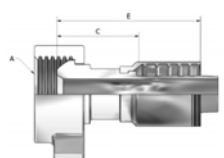
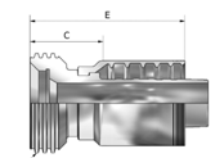
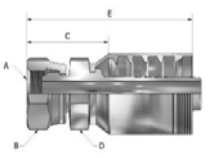
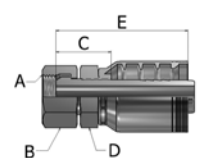
HOSE TAILS  
Quick Reference

<b>Straight</b>	<b>BSPP F Swivel</b>	<b>BSPP M Parallel</b>	<b>BSPT Male</b>	<b>SAE Code 61 Flange</b>
	L-BF   Page 113	L-BPM   Page 114	L-BM   Page 114	L-F61   Page 115
<b>SAE Code 62 Flange</b>	<b>Hose Joiner</b>	<b>JIC F 37° Swivel</b>	<b>JIC M 37°</b>	<b>JIS (BSP) F Parallel Pipe Swivel</b>
L-F62   Page 115	L-HJ   Page 116	L-JF   Page 116	L-JM   Page 117	L-IBF   Page 118
<b>Komatsu F Swivel 30° Flare JIS Metric</b>	<b>Life Saver</b>	<b>O-Ring Metric F 24° Cone</b>	<b>Metric M 24° Cone</b>	<b>NPT Male</b>
L-KF   Page 118	L-LS   Page 118	L-MFO   Page 119	L-MM   Page 120	L-NM   Page 120
<b>F O-Ring Face Seal Swivel</b>	<b>M O-Ring Face Seal</b>	<b>SAE F</b>	<b>22.5 Degree</b>	<b>SAE Code 61 Flange</b>
L-FO   Page 120	L-MO   Page 121	L-SF   Page 121		L-61   Page 122
<b>30 Degree</b>	<b>SAE Code 61 Flange</b>	<b>45 Degree</b>	<b>BSPP F Swivel</b>	<b>SAE Code 61 Flange</b>
	L-61   Page 122		L-BF   Page 123	L-F61   Page 123

## SAE100R12 Four Wire Spiral

<b>SAE Code 62 Flange</b>	<b>JIC F 37° Swivel</b>	<b>O-Ring Metric F 24° Cone</b>	<b>F O-Ring Face Seal Swivel</b>	MORE PRODUCTS COMING SOON
				
L-F62   Page 124	L-JF   Page 124	L-MFO   Page 125	L-F0   Page 125	
<b>60 Degree</b>	<b>SAE Code 61 Flange</b>	<b>67.5 Degree</b>	<b>SAE Code 61 Flange</b>	MORE PRODUCTS COMING SOON
				
	L-F61   Page 126		L-F61   Page 126	
<b>90 Degree</b>	<b>BSP F Swivel</b>	<b>SAE Code 61 Flange</b>	<b>SAE Code 62 Flange</b>	<b>JIC F 37° Swivel</b>
				
	L-BF   Page 127	L-F61   Page 127	L-F62   Page 128	L-JF   Page 129
<b>Komatsu F Swivel 30° Flare JIS Metric</b>	<b>O-Ring Metric F 24° Cone</b>	<b>F O-Ring Face Seal Swivel</b>	<b>110 Degree</b>	<b>SAE Code 61 Flange</b>
				
L-KF   Page 130	L-MFO   Page 130	L-F0   Page 131		L-F61   Page 131

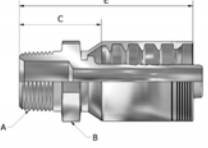
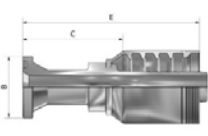
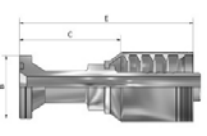
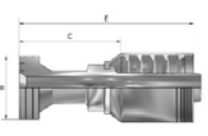
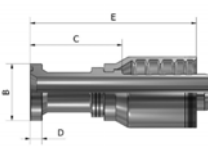
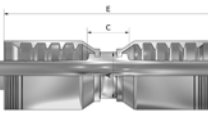
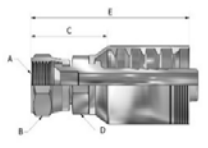
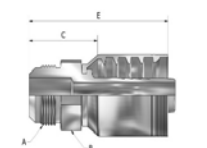
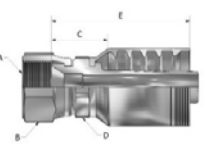
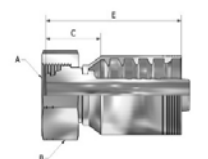
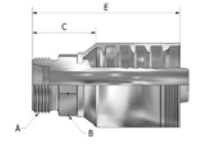
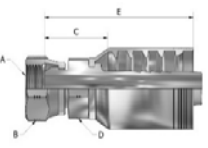
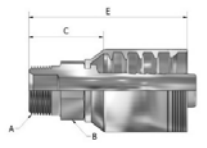
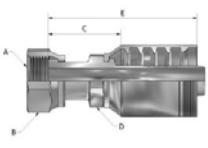
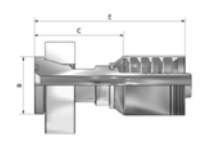
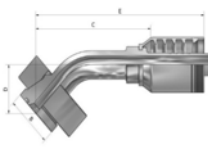
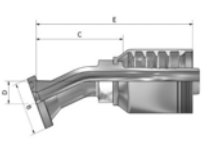
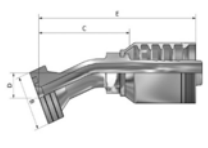
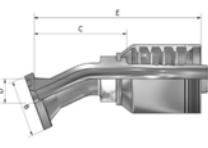
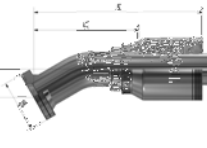
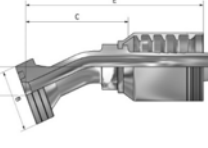
## SAE100R13, SAE100R15 Four & Six Wire Spiral

<b>Straight</b>	<b>1502 Female Hammer Union</b>	<b>1502 Male Hammer Union</b>	<b>BSP F Swivel</b>	<b>BF RB BSP F Rock Breaker</b>
				
	N-FHU   Page 133	N-MHU   Page 133	N-BF   Page 133	N-BF-RB   Page 133



# SAE100R13, SAE100R15 Four & Six Wire Spiral

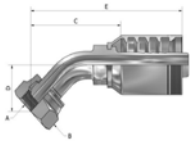
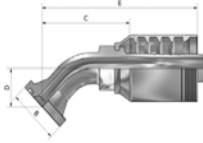
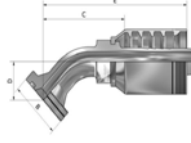
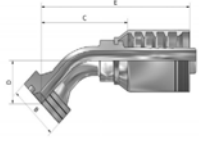
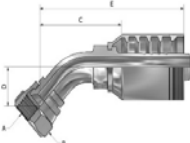
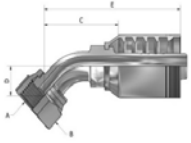
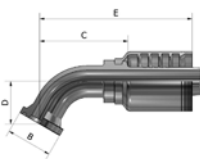
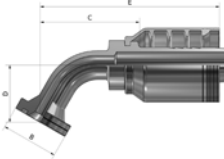
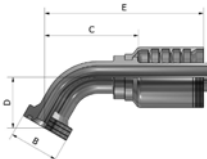
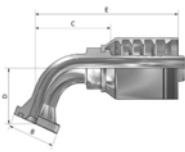
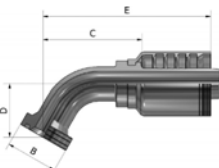
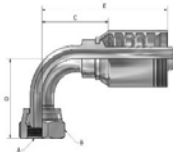
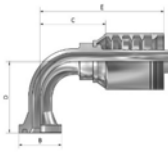
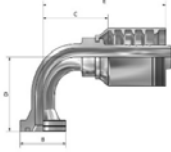
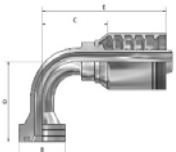
HOSE TAILS  
Quick Reference

<p><b>BSPT M</b></p>  <p><b>N-BM</b>   Page 134</p>	<p><b>SAE Code 61 Flange</b></p>  <p><b>N-F61</b>   Page 134</p>	<p><b>SAE Code 62 Flange</b></p>  <p><b>N-F62</b>   Page 135</p>	<p><b>CAT Flange</b></p>  <p><b>N-FC62</b>   Page 135</p>	<p><b>LeTourneau Flange</b></p>  <p><b>N-LT</b>   Page 136</p>
<p><b>Hose Joiner</b></p>  <p><b>N-HJ</b>   Page 136</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>N-JF</b>   Page 136</p>	<p><b>JIC M 37°</b></p>  <p><b>N-JM</b>   Page 137</p>	<p><b>Komatsu F Swivel 30° Flare JIS Metric</b></p>  <p><b>N-KF</b>   Page 137</p>	<p><b>O-Ring Metric F 24° Cone</b></p>  <p><b>N-MFO</b>   Page 137</p>
<p><b>Metric M 24° Cone</b></p>  <p><b>N-MM</b>   Page 138</p>	<p><b>NPT F Swivel</b></p>  <p><b>N-NF</b>   Page 138</p>	<p><b>NPT Male</b></p>  <p><b>N-NM</b>   Page 138</p>	<p><b>F O-Ring Face Seal Swivel</b></p>  <p><b>N-FO</b>   Page 139</p>	<p><b>Taper Flange (Heavy Duty Mining Equip.)</b></p>  <p><b>N-FT</b>   Page 139</p>
<p><b>15 Degree</b></p>	<p><b>Taper Flange (Heavy Duty Mining Equip.)</b></p>  <p><b>N-FT</b>   Page 139</p>	<p><b>22.5 Degree</b></p>	<p><b>SAE Code 61 Flange</b></p>  <p><b>N-F61</b>   Page 140</p>	<p><b>CAT Flange</b></p>  <p><b>N-FC62</b>   Page 140</p>
<p><b>30 Degree</b></p>	<p><b>SAE Code 61 Flange</b></p>  <p><b>N-F61</b>   Page 140</p>	<p><b>SAE Code 62 Flange</b></p>  <p><b>N-F62</b>   Page 141</p>	<p><b>CAT Flange</b></p>  <p><b>N-FC62</b>   Page 141</p>	<p>MORE PRODUCTS COMING SOON</p>



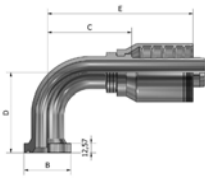
**TAIPAN**

## SAE100R13, SAE100R15 Four & Six Wire Spiral

45 Degree	<b>BSPP F Swivel</b>	<b>SAE Code 61 Flange</b>	<b>SAE Code 62 Flange</b>	<b>CAT Flange</b>
				
	<b>N-BF</b>   Page 141	<b>N-F61</b>   Page 141	<b>N-F62</b>   Page 142	<b>N-FC62</b>   Page 142
Taper Flange (Heavy Duty Mining Equip.)	<b>JIC F 37° Swivel</b>	<b>O-Ring Metric F 24° Cone</b>	<b>F O-Ring Face Seal Swivel</b>	MORE PRODUCTS COMING SOON
				
	<b>N-FT</b>   Page 143	<b>N-JF</b>   Page 143	<b>N-MFO</b>   Page 144	<b>N-FO</b>   Page 144
60 Degree	<b>SAE Code 61 Flange</b>	<b>SAE Code 62 Flange</b>	<b>CAT Flange</b>	MORE PRODUCTS COMING SOON
				
	<b>N-F61</b>   Page 144	<b>N-F62</b>   Page 145	<b>N-FC62</b>   Page 145	
67.5 Degree	<b>SAE Code 61 Flange</b>	<b>CAT Flange</b>	70 Degree	Taper Flange (Heavy Duty Mining Equip.)
				
	<b>N-F61</b>   Page 145	<b>N-FC62</b>   Page 145	<b>N-FT</b>   Page 146	
90 Degree	<b>BSPP F Swivel</b>	<b>SAE Code 61 Flange</b>	<b>SAE Code 62 Flange</b>	<b>CAT Flange</b>
				
	<b>N-BF</b>   Page 146	<b>N-F61</b>   Page 146	<b>N-F62</b>   Page 147	<b>N-FC62</b>   Page 148

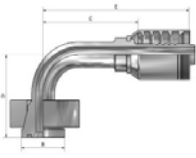
## SAE100R13, SAE100R15 Four & Six Wire Spiral

LeTourneau Flange



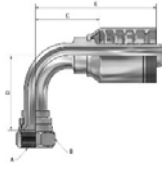
N-LT | Page 148

Taper Flange (Heavy Duty Mining Equip.)



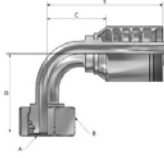
N-FT | Page 148

JIC F 37° Swivel



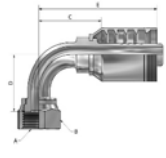
N-JF | Page 149

O-Ring Metric F 24° Cone



N-MFO | Page 149

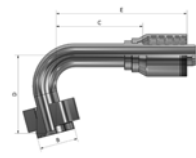
F O-Ring Face Seal Swivel



N-FO | Page 149

105 Degree

Taper Flange (Heavy Duty Mining Equip.)



N-FT | Page 150

110 Degree

SAE Code 61 Flange



N-F61 | Page 150

SAE Code 62 Flange

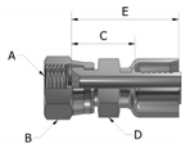


N-F62 | Page 151

## SAE100R14 Stainless PTFE

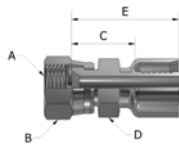
Straight

JIC F 37° Swivel



C-JF | Page 151

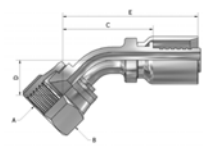
SAE F



C-SF | Page 151

45 Degree

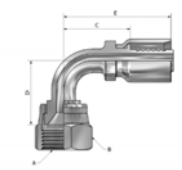
JIC F 37° Swivel



C-JF | Page 152

90 Degree

JIC F 37° Swivel



C-JF | Page 152

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

## Waterblast

Two Piece Straight

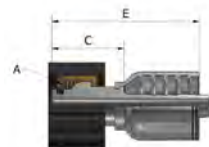
Karcher Pressure Wash



G-KA | Page 153

Straight

Karcher Pressure Wash



K-KA | Page 153

MORE PRODUCTS COMING SOON



TAIPAN



# Grease Hose Tails

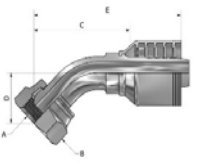


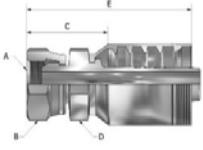
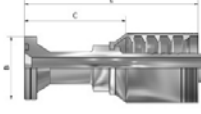
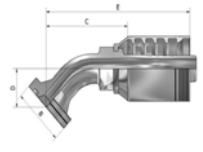
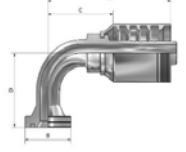
<p><b>Field Attachables</b></p>	<p><b>Straight</b></p>	<p><b>BSPP F Swivel</b></p> 	<p><b>BSPT Male</b></p> 	<p><b>JIC F 37° Swivel</b></p> 
<p><b>Stand Pipe M</b></p> 	<p><b>45 Degree</b></p>	<p><b>Stand Pipe M</b></p> 	<p><b>90 Degree</b></p>	<p><b>JIC F 37° Swivel</b></p> 
<p><b>Stand Pipe M</b></p> 	<p><b>Shell</b></p>	<p><b>Grease Shell</b></p> 	<p>MORE PRODUCTS COMING SOON</p>	<p>MORE PRODUCTS COMING SOON</p>
<p><b>Crimp On</b></p>	<p><b>Straight</b></p>	<p><b>BSPP F Swivel</b></p> 	<p><b>JIC F 37° Swivel</b></p> 	<p><b>ORFS Female</b></p> 
<p><b>Metric F/M Ball Nose 24° Cone</b></p> 	<p><b>Stand Pipe</b></p> 	<p><b>45 Degree</b></p>	<p><b>Ball Nose Metric F 24° Cone</b></p> 	<p><b>Stand Pipe</b></p> 
<p><b>J-MF   Page 156</b></p>	<p><b>J-SP   Page 156</b></p>	<p><b>J-BF   Page 156</b></p>	<p><b>J-JF   Page 156</b></p>	<p><b>J-F0   Page 156</b></p>
<p><b>J-MF   Page 157</b></p>	<p><b>J-SP   Page 157</b></p>	<p><b>J-MF   Page 157</b></p>	<p><b>J-SP   Page 157</b></p>	<p><b>J-SP   Page 157</b></p>

90 Degree	BSPF F Swivel	JIC F 37° Swivel	Metric Ball Nose F 24° Cone	Stand Pipe
	J-BF   Page 157	J-JF   Page 157	J-MF   Page 158	J-SP   Page 158

**Stainless Steel**

SS Single & Double Wire Braid	Straight	BSPF F Swivel	BSPT Male	JIC F Swivel 37°
		K-BF   Page 57	K-BM   Page 59	K-JF   Page 61
NPT Male	45 Degree	BSPF F Swivel	JIC F Swivel	MORE PRODUCTS COMING SOON
		K-BF   Page 71	K-JF   Page 72	
90 Degree	BSPF F Swivel	JIC F Swivel	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
	K-BF   Page 75	K-JF   Page 77		
SS 100R12 Four Wire Spiral	BSPF F Swivel	JIC F 37° Swivel	O-Ring Metric F 24° Cone	MORE PRODUCTS COMING SOON
	L-BF   Page 113	L-JF   Page 116	L-MFO   Page 119	

## Stainless Steel

<p>45 Degree</p>	<p><b>BSPP F Swivel</b></p>  <p><b>L-BF45</b>   Page 123</p>	<p>90 Degree</p>	<p><b>JIC F 37° Swivel</b></p>  <p><b>L-JF</b>   Page 129</p>	<p><b>BSPP F Swivel</b></p>  <p><b>L-BF</b>   Page 127</p>
<p><b>SS 100R13,100R15 Four &amp; Six Wire Spiral</b></p>	<p><b>Straight</b></p>	<p><b>BSPP F Swivel</b></p>  <p><b>N-BF</b>   Page 133</p>	<p><b>SAE Code 62 Flange</b></p>  <p><b>N-F62</b>   Page 135</p>	<p>MORE PRODUCTS COMING SOON</p>
<p>45 Degree</p>	<p><b>SAE Code 62 Flange</b></p>  <p><b>N-F62</b>   Page 142</p>	<p>90 Degree</p>	<p><b>SAE Code 62 Flange</b></p>  <p><b>N-F62</b>   Page 147</p>	<p>MORE PRODUCTS COMING SOON</p>





# PRODUCTION READY HOSE ASSEMBLIES

*Taipan pre-assembled hose kits are custom made to your specifications.*

We collaborate with OEM's to ensure the optimal hose system is specified for their manufacturing needs and requirements.

Taipan's world class hose assembly workshop is run by fully trained staff and complemented by high quality equipment. Our processes ensure accuracy and efficiency are achieved so that our customers receive their kits in a timely manner.

- Simplifies hydraulic equipment manufacturing processes
- Enhances the safety, reliability, and performance of hydraulic equipment
- Reliable on-time delivery, nationwide & overseas
- Cost-efficient

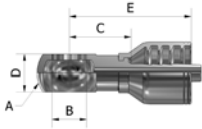


## Single & Double Wire Braid

### Straight

#### K Series

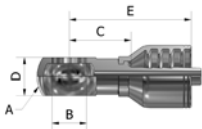
#### BJ - BSP Banjo Hose Tail



Part Number	Products Description									
	Hose In-Dia	Banjo ID	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
K04BJ04	1/4	1/4			29.4	1.16			57.1	2.24

#### K Series

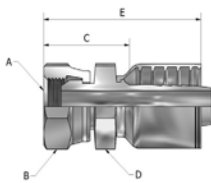
#### MBJ - Metric Banjo Hose Tail



Part Number	Products Description									
	Hose In-Dia	Banjo ID	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
MM		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
K04MBJ12	1/4	12			29.4	1.16			57.1	2.24

#### K Series

#### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
K04BF02	1/4	1/8-28	14.0	0.55	29.4	1.16	14.0	0.55	49.7	1.96
K04BF04	1/4	1/4-19	19.0	0.75	32.7	1.29	19.0	0.75	53.0	2.09
K04BF04SS	1/4	1/4-19	19.0	0.75	32.7	1.29	19.0	0.75	53.0	2.09
K04BF06	1/4	3/8-19	22.0	0.87	36.2	1.43	22.0	0.87	56.5	2.22
K05BF06	5/16	3/8-19	22.0	0.87	36.7	1.44	22.0	0.87	57.7	2.27
K06BF04	3/8	1/4-19	19.0	0.75	33.5	1.32	19.0	0.75	60.7	2.39
K06BF06	3/8	3/8-19	22.0	0.87	36.8	1.45	22.0	0.87	64.0	2.52
K06BF06SS	3/8	3/8-19	22.0	0.87	36.8	1.45	22.0	0.87	64.0	2.52
K06BF08	3/8	1/2-14	27.0	1.06	40.5	1.59	27.0	1.06	67.7	2.67
K08BF06	1/2	3/8-19	22.0	0.87	37.9	1.49	22.0	0.87	68.1	2.68
K08BF08	1/2	1/2-14	27.0	1.06	41.0	1.61	27.0	1.06	71.2	2.80
K08BF08SS	1/2	1/2-14	27.0	1.06	41.0	1.61	27.0	1.06	71.2	2.80
K08BF10	1/2	5/8-14	28.6	1.12	38.2	1.50	27.0	1.06	68.4	2.69
K08BF12	1/2	3/4-14	32.0	1.26	45.5	1.79	32.0	1.26	75.7	2.98
K10BF08	5/8	1/2-14	27.0	1.06	41.6	1.64	27.0	1.06	76.9	3.03
K10BF10	5/8	5/8-14	28.6	1.12	38.7	1.52	27.0	1.06	74.0	2.91
K10BF12	5/8	3/4-14	32.0	1.26	46.0	1.81	32.0	1.26	81.3	3.20

SS = Stainless Steel

*Continued on following page...*

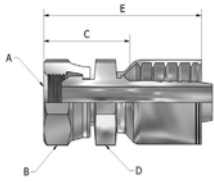


# Single & Double Wire Braid

## Straight

### K Series

### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone *Continued...*

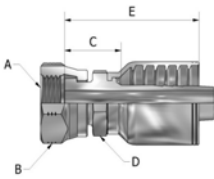


SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
K12BF12	3/4	3/4-14	32.0	1.26	46.0	1.81	32.0	1.26	81.4	3.20
K12BF12SS	3/4	3/4-14	32.0	1.26	46.0	1.81	32.0	1.26	81.4	3.20
K12BF16	3/4	1-11	41.0	1.61	50.2	1.98	41.0	1.61	85.6	3.37
K16BF16	1	1-11	41.0	1.61	52.7	2.07	41.0	1.61	93.5	3.68
K16BF16SS	1	1-11	41.0	1.61	52.7	2.07	41.0	1.61	93.5	3.68
K16BF20	1	1 1/4-11	50.0	1.97	59.9	2.36	50.0	1.97	100.7	3.96
K20BF20	1 1/4	1 1/4-11	50.0	1.97	60.3	2.37	50.0	1.97	104.0	4.09
K24BF24	1 1/2	1 1/2-11	60.0	2.36	62.8	2.47	55.0	2.17	97.2	3.83
K32BF32	2	2-11	70.0	2.76	70.7	2.78	70.0	2.76	114.6	4.51

### K Series

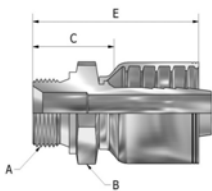
### BFF - BSP Female Flat Face



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	DAEHAN	Inch
K06BFF06	3/8	3/8-19	22.0	0.87	25.7	1.01	17.5	0.69	52.9	2.08
K06BFF08	3/8	1/2-14	27.0	1.06	25.1	0.99	20.6	0.81	52.3	2.06
K08BFF08	1/2	1/2-14	27.0	1.06	25.5	1.00	22.0	0.87	55.7	2.19

### K Series

### BPM - BSP Male Parallel 60° Cone



Part Number	Products Description							
	Hose In-Dia	Thread PF	Nipple Hex		Tail-Growth		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch
K04BPM04	1/4	1/4-19	19.0	0.75	28.7	1.13	48.1	1.89
K04BPM06	1/4	3/8-19	22.0	0.87	31.7	1.13		
K06BPM06	3/8	3/8-19	22.0	0.87	31.7	1.25	58.9	2.32
K06BPM08	3/8	1/2-14	27.0	1.06	34.2	1.35	61.4	2.42
K08BPM08	1/2	1/2-14	27.0	1.06	34.6	1.36	64.8	2.55
K12BPM12	3/4	3/4-14	36.0	1.42	37.3	1.47	72.7	2.86
K12BPM16	3/4	1-11	41.0	1.61	41.3	1.63	76.7	3.02
K16BPM16	1	1-11	41.0	1.61	43.8	1.72	84.6	3.33



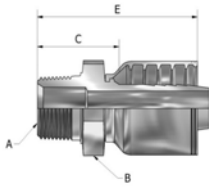


# Single & Double Wire Braid

## Straight

### K Series

### BM - BSP Male Taper



SS = Stainless Steel

Part Number	Products Description								
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	Inch	
K03BM02	3/16	1/8-28	14.3	0.56	22.8	0.89	42.5	1.67	
K03BM04	3/16	1/4-19	14.3	0.56	25.8	1.01	45.5	1.77	
K04BM02	1/4	1/8-28	14.3	0.56	24.7	0.97	45.0	1.77	
K04BM04	1/4	1/4-19	14.3	0.56	28.2	1.11	47.8	1.88	
K04BM06	1/4	3/8-19	22.0	0.87	30.1	1.19	49.7	1.96	
K04BM08	1/4	1/2-14	27.0	1.06	34.7	1.37	54.3	2.14	
K05BM06	5/16	3/8-19	22	0.87					
K06BM04	3/8	1/4-19	19.0	0.75	31.4	1.24	58.6	2.31	
K06BM06	3/8	3/8-19	22.0	0.87	30.7	1.21	57.9	2.28	
K06BM06SS	3/8	3/8-19	22.0	0.87	30.7	1.21	57.9	2.28	
K06BM08	3/8	1/2-14	27.0	1.06	35.3	1.39	62.5	2.46	
K08BM06	1/2	3/8-19	22.0	0.87	32.0	1.26	62.2	2.45	
K08BM08	1/2	1/2-14	27.0	1.06	35.8	1.41	66.0	2.60	
K08BM08SS	1/2	1/2-14	27.0	1.06	35.8	1.41	66.0	2.60	
K08BM12	1/2	3/4-14	36.0	1.42					
K10BM08	5/8	1/2-14	27.0	1.06	36.3	1.43	71.6	2.82	
K10BM12	5/8	3/4-14	36.0	1.42	40.4	1.59	75.7	2.98	
K12BM12	3/4	3/4-14	36.0	1.42	40.4	1.59	75.8	2.98	
K12BM16	3/4	1-11	41.0	1.61	45.2	1.78	80.6	3.17	
K16BM16	1	1-11	41.0	1.61	47.6	1.87	88.4	3.48	
K16BM16SS	1	1-11	41.0	1.61	47.6	1.87	88.4	3.48	
K16BM20	1	1 1/4-11	41.0	1.61	47.6	1.87	88.4	3.48	
K20BM20	1 1/4	1 1/4-11	50.0	1.97	52.6	2.07	96.3	3.79	
K24BM24	1 1/2	1 1/2-11	60.0	2.36	52.8	2.08	87.2	3.43	
K32BM32	2	2-11	70.0	2.76	63.1	2.48	107.0	4.21	

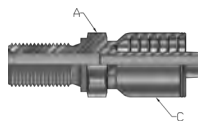
HOSE TAILS  
K Series

## Single & Double Wire Braid

### Straight

#### K Series

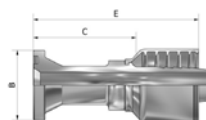
#### BBPM - BSP Male Bulkhead Parallel 60° Cone



Part Number	Products Description							
	Hose In-Dia	Thread PF	Nipple Hex		Tail-Growth		Overall Length	
		A	B	MM	Inch	MM	Inch	MM
K08BBPM08	1/2	1/2-14	27.0	1.06	51.6	2.03	85.8	3.38
K10BBPM10	5/8	5/8-14	30.0	1.18	51.3	2.02	90.6	3.57

#### K Series

#### F61 - SAE Code 61 Flange Straight



Part Number	Products Description							
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length	
		A	B	MM	Inch	MM	Inch	MM
K08F6108	1/2	1/2	30.2	1.19	57.6	2.27	87.8	3.46
K08F6112	1/2	3/4	38.1	1.50	31.7	1.25	61.9	2.44
K10F6110	5/8	5/8	34.1	1.34	61.9	2.44	97.2	3.83
K12F6112	3/4	3/4	38.1	1.50	62.6	2.46	98.0	3.86
K12F6116	3/4	1	44.5	1.75	34.2	1.35	69.6	2.74
K12F6120	3/4	1 1/4	50.8	2.00	39.8	1.57	75.2	2.96
K16F6116	1	1	44.5	1.75	67.1	2.64	107.9	4.25
K16F6120	1	1 1/4	50.8	2.00	40.4	1.59	81.2	3.20
K16F6124	1	1 1/2	60.3	2.37	45.6	1.80	86.4	3.40
K20F6116	1 1/4	1	44.5	1.75	67.6	2.66	111.3	4.38
K20F6120	1 1/4	1 1/4	50.8	2.00	75.7	2.98	119.4	4.70
K20F6124	1 1/4	1 1/2	60.3	2.37	38.1	1.50	81.8	3.22
K24F6124	1 1/2	1 1/2	60.3	2.37	82.2	3.24	116.6	4.59
K32F6132	2	2	71.4	2.81	83.2	3.28	127.1	5.00
K32F6140	2	2 1/2	84.1	3.31	53.7	2.11	97.6	3.84

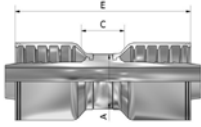


# Single & Double Wire Braid

## Straight

### K Series

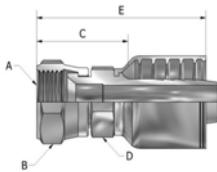
### HJ - Hose Joiner



Part Number	Products Description							
	Hose In-Dia	Nipple		Tail-Growth		Overall Length		
MM		Inch	MM	Inch	MM	Inch		
A			C		E			
K04HJ04	1/4	13.7	0.54	20.5	0.81	59.7	2.35	
K05HJ05	5/16	15.0	0.59	21.5	0.85	63.4	2.50	
K06HJ06	3/8	17.5	0.69	21.6	0.85	76.0	2.99	
K08HJ08	1/2	21.0	0.83	24.6	0.97	85.0	3.35	
K10HJ10	5/8	25.0	0.98	26.6	1.05	97.1	3.82	
K12HJ12	3/4	28.0	1.10	19.6	8.77	98.3	3.82	

### K Series

### JF - JIC Female 37° Swivel Straight



SS = Stainless Steel

Part Number	Product Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
A		B		C		D		E		
K03JF07	3/16	7/16-20	14.3	0.56	32.2	1.27	14.3	0.56	47.9	1.89
K03JF09	3/16	9/16-18	17.5	0.69	34.5	1.36	17.5	0.69	50.2	1.98
K04JF06	1/4	3/8-24								
K04JF07	1/4	7/16-20	14.3	0.56	29.8	1.17	14.3	0.56	50.1	1.97
K04JF07SS	1/4	7/16-20	14.3	0.56	29.8	1.17	14.3	0.56	50.1	1.97
K04JF08	1/4	1/2-20	15.9	0.62	31.3	1.23	14.3	0.56	51.6	2.03
K04JF09	1/4	9/16-18	17.5	0.69	32.7	1.29	14.3	0.56	53.0	2.09
K04JF09SS	1/4	9/16-18	17.5	0.69	32.7	1.29	14.3	0.56	53.0	2.09
K04JF12	1/4	3/4-16	22.2	0.87	37.5	1.48	20.6	0.81	57.8	2.28
K05JF08	5/16	1/2-20	15.9	0.62	28.9	1.14	17.5	0.69	53.4	2.10
K05JF09	5/16	9/16-18	17.5	0.69	33.2	1.31	17.5	0.69	54.2	2.13
K06JF07	3/8	7/16-20	14.3	0.56	30.0	1.18	17.5	0.69	57.2	2.25
K06JF09	3/8	9/16-18	17.5	0.69	32.5	1.28	17.5	0.69	59.7	2.35
K06JF09SS	3/8	9/16-18	17.5	0.69	32.5	1.28	17.5	0.69	59.7	2.35
K06JF12	3/8	3/4-16	22.2	0.87	35.4	1.39	17.5	0.69	62.6	2.46
K06JF12SS	3/8	3/4-16	22.2	0.87	35.4	1.39	17.5	0.69	62.6	2.46
K06JF14	3/8	7/8-14	25.4	1.00	41.0	1.61	22.2	0.87	68.2	2.69
K08JF09	1/2	9/16-18	17.5	0.69	33.0	1.30	20.6	0.81	63.2	2.49
K08JF12	1/2	3/4-16	22.2	0.87	38.6	1.52	20.6	0.81	68.8	2.71

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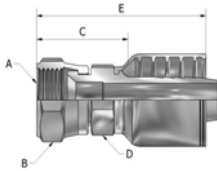


# Single & Double Wire Braid

## Straight

### K Series

### JF - JIC Female 37° Swivel Straight *Continued...*



SS = Stainless Steel

Part Number	Product Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K08JF12SS	1/2	3/4-16	22.2	0.87	38.6	1.52	20.6	0.81	68.8	2.71
K08JF14	1/2	7/8-14	25.4	1.00	41.5	1.63	22.2	0.87	71.7	2.82
K08JF14SS	1/2	7/8-14	25.4	1.00	41.5	1.63	22.2	0.87	71.7	2.82
K08JF17	1/2	1 1/16-12	31.8	1.25	39.8	1.57	27.0	1.06	70.0	2.76
K10JF12	5/8	3/4-16	22.2	0.87	36.3	1.43	23.8	0.94	71.6	2.82
K10JF14	5/8	7/8-14	25.4	1.00	39.2	1.54	23.8	0.94	74.5	2.93
K10JF14SS	5/8	7/8-14	25.4	1.00	39.2	1.54	23.8	0.94	74.5	2.93
K10JF17	5/8	1 1/16-12	31.8	1.25	43.6	1.72	27.0	1.06	78.9	3.11
K12JF12	3/4	3/4-16	22.2	0.87	36.4	1.43	27.0	1.06	71.8	2.83
K12JF14	3/4	7/8-14	25.4	1.00	38.9	1.53	27.0	1.06	74.4	2.93
K12JF17	3/4	1 1/16-12	31.8	1.25	45.1	1.78	27.0	1.06	80.5	3.17
K12JF17SS	3/4	1 1/16-12	31.8	1.25	45.1	1.78	27.0	1.06	80.5	3.17
K12JF19	3/4	1 3/16-12	36.0	1.42	45.7	1.80	31.8	1.25	81.1	3.19
K12JF21	3/4	1 5/16-12	38.0	1.50	48.0	1.89	31.8	1.25	83.4	3.28
K16JF17	1	1 1/16-12	31.8	1.25	47.9	1.89	35.0	1.38	88.7	3.49
K16JF21	1	1 5/16-12	38.0	1.50	50.5	1.99	35.0	1.38	91.3	3.59
K16JF21SS	1	1 5/16-12	38.0	1.50	50.5	1.99	35.0	1.38	91.3	3.59
K16JF26	1	1 5/8-12	50.0	1.97	56.4	2.22	41.3	1.62	97.2	3.83
K20JF21	1 1/4	1 5/16-12	38.0	1.50	52.4	2.06	47.6	1.87	96.1	3.78
K20JF26	1 1/4	1 5/8-12	50.0	1.97	56.7	2.23	47.6	1.87	100.4	3.95
K20JF26SS	1 1/4	1 5/8-12	50.0	1.97	56.7	2.23	47.6	1.87	100.4	3.95
K20JF30	1 1/4	1 7/8-12	55.0	2.17	59.8	2.35	54.0	2.13	103.4	4.07
K24JF30	1 1/2	1 7/8-12	55.0	2.17	61.7	2.43	54.0	2.13	96.1	3.78
K32JF40	2	2 1/2-12	73.0	2.87	77.2	3.04	63.5	2.50	121.1	4.77

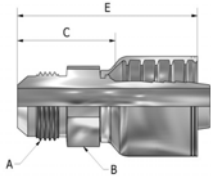


# Single & Double Wire Braid

## Straight

### K Series

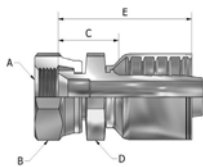
### JM - JIC Male 37° Straight



Part Number	Products Description								
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	Inch	
K04JM07	1/4	7/16-20	14.3	0.56	30.8	1.21	51.1	2.01	
K04JM08	1/4	1/2-20	14.3	0.56	23.8	0.94	46.6	1.84	
K04JM09	1/4	9/16-18	17.5	0.69	27.3	1.07	47.6	1.87	
K04JM12	1/4	3/4-16	22.2	0.87	36.2	1.43	56.5	2.22	
K06JM09	3/8	9/16-18	19.0	0.75	34.2	1.35	61.4	2.42	
K06JM12	3/8	3/4-16	22.2	0.87	32.7	1.29	59.9	2.36	
K06JM14	3/8	7/8-14	23.8	0.94	35.2	1.39	62.4	2.46	
K08JM12	1/2	3/4-16	22.2	0.87	37.3	1.47	67.5	2.66	
K08JM14	1/2	7/8-14	23.8	0.94	35.7	1.41	65.9	2.59	
K08JM17	1/2	1 1/16-12	28.6	1.12	45.1	1.78	75.3	2.96	
K10JM14	5/8	7/8-14	23.8	0.94	41.8	1.65	77.1	3.04	
K10JM17	5/8	1 1/16-12	28.6	1.12	45.6	1.80	80.9	3.19	
K12JM17	3/4	1 1/16-12	28.6	1.12	45.6	1.80	81.0	3.19	
K12JM21	3/4	1 5/16-12	35.0	1.38	47.4	1.87	82.8	3.26	
K16JM21	1	1 5/16-12	35.0	1.38	51.4	2.02	92.2	3.63	
K16JM26	1	1 5/8-12	47.6	1.87	53.2	2.09	94.0	3.70	
K20JM26	1 1/4	1 5/8-12	47.6	1.87	53.6	2.11	97.2	3.83	

### K Series

### IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
K04IBF04	1/4	1/4-19	19.0	0.75	22.7	0.89	19.0	0.75	42.3	1.67
K04IBF06	1/4	3/8-19	22.0	0.87	25.5	1.00	22.0	0.87	45.1	1.78
K06IBF06	3/8	3/8-19	22.0	0.87	26.1	1.03	22.0	0.87	53.3	2.10
K08IBF08	1/2	1/2-14	27.0	1.06	27.9	1.10	27.0	1.06	58.1	2.29
K10IBF12	5/8	3/4-14	36.0	1.42	32.4	1.28	36.0	1.42	67.7	2.67
K12IBF12	3/4	3/4-14	36.0	1.42	32.4	1.28	36.0	1.42	67.8	2.67
K16IBF16	1	1-11	41.0	1.61	36.9	1.45	41.0	1.61	77.7	3.06

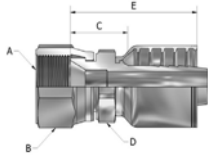
HOSE TAILS  
K Series

## Single & Double Wire Braid

### Straight

#### K Series

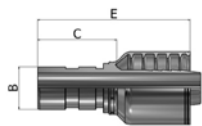
#### KF - Komatsu Female Swivel Straight 30° Flare JIS Metric



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04KF14	1/4	M14*1.5P	19.0	0.75	22.5	0.89	19.0	0.75	42.3	1.67
K04KF18	1/4	M18*1.5P	24.0	0.94	25.5	1.00	22.0	0.87	45.1	1.78
K06KF14	3/8	M14*1.5P	19.0	0.75	23.3	0.92	19.0	0.75	50.5	1.99
K06KF16	3/8	M16*1.5P	22.0	0.87	26.1	1.03	22.0	0.87	53.3	2.10
K06KF18	3/8	M18*1.5P	24.0	0.94	26.1	1.03	22.0	0.87	53.3	2.10
K06KF20	3/8	M20*1.5P	27.0	1.06	27.4	1.08	27.0	1.06	54.6	2.15
K06KF22	3/8	M22*1.5P	27.0	1.06	27.4	1.08	27.0	1.06	54.6	2.15
K08KF20	1/2	M20*1.5P	27.0	1.06	27.4	1.08	27.0	1.06	54.6	2.15
K08KF22	1/2	M22*1.5P	27.0	1.06	27.9	1.10	27.0	1.06	58.1	2.29
K08KF24	1/2	M24*1.5P	32.0	1.26	31.4	1.24	30.0	1.18	61.6	2.43
K10KF24	5/8	M24*1.5P	32.0	1.26	31.9	1.26	30.0	1.18	67.2	2.65
K10KF30	5/8	M30*1.5P	36.0	1.41	47.0	1.85	32.0	1.26	86.3	3.39
K12KF24	3/4	M24*1.5P	32.0	1.26	31.9	1.26	30.0	1.18	67.3	2.65
K12KF30	3/4	M30*1.5P	36.0	1.42	32.4	1.28	32.0	1.26	67.8	2.67
K16KF33	1	M33*1.5P	41.0	1.61	39.0	1.54	36.0	1.42	79.8	3.14
K20KF42	1 1/4	M42*1.5P	50.8	2.00	51.9	2.04	50.8	2.00		
K24KF42	1 1/2	M42*1.5P	50.8	2.00	51.9	2.04	50.8	2.00	86.3	3.40

#### K Series

#### KPI - Plug In Male (WEO Interchange)



Part Number	Products Description							
	Hose In-Dia	Plugin	OD		Tail-Growth		Overall Length	
			MM	Inch	MM	Inch	MM	Inch
K04KPI04	1/4	1/4	9.9	0.39	29.7	1.17	51.3	2.02
K06KPI06	3/8	3/8	12.9	0.51	34.4	1.35	63.5	2.50
K08KPI08	1/2	1/2	15.9	0.63	34.8	1.37	67	2.64
K12KPI12	3/4	3/4	22.9	0.9	44.9	1.77	81.9	3.22
K16KPI16	1	1	29.9	1.18	55.5	2.19	98.1	3.86



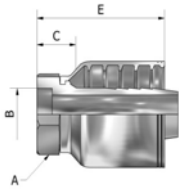


# Single & Double Wire Braid

## Straight

### K Series

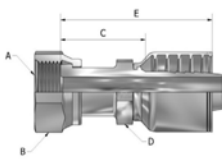
### LS - Life Saver



Part Number	Products Description									
	Hose In-Dia	Nipple Hex		In-Dia		Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A		B		C		E		
K04LS04	1/4	14.0	0.55	6.35	0.25	13.3	0.52	32.7	1.29	
K04LS05	1/4	14.0	0.55	8.2	0.32	13.3	0.52	32.7	1.29	
K06LS06	3/8	17.46	0.69	9.5	0.37	13.7	0.54	40.9	1.61	
K06LS08	3/8	17.46	0.69	12.6	0.50	13.7	0.54	40.9	1.61	
K08LS08	1/2	20.63	0.81	12.6	0.50	14.2	0.56	44.4	1.75	
K10LS10	5/8	23.8	0.94	16.2	0.64	17.9	0.70	53.2	2.09	
K12LS12	3/4	27.0	1.06	19.4	0.76	18.0	0.71	53.3	2.10	
K16LS16	1	35.0	1.38	25.7	1.01	24.1	0.95	64.9	2.56	
K20LS20	1 1/4	46.0	1.81	31.8	1.25	26.2	1.03	69.9	2.75	

### K Series

### MFF - Metric Female Flat Face Straight



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B			C		D		E
K04MFF14	1/4	M14*1.5P	16.9	0.66						
K04MFF16	1/4	M16*1.5P	18.9	0.74						
K06MFF16	3/8	M16*1.5P	22.0	0.87	30.6	1.20	17.4	0.68	61.3	2.4
K06MFF18	3/8	M18*1.5P	21.7	0.85						
K08MFF22	1/2	M22*1.5P	26.8	1.05						
K10MFF27	5/8	M27*1.5P	31.5	1.24						
K12MFF30	3/4	M30*1.5P	35.7	1.40						
K12MFF36	3/4	M36*2P	40.8	1.60						
K16MFF36	1	M36*2P	40.8	1.60						
K16MFF39	1	M39*2P	45.4	1.78						
K16MFF42	1	M42*2P	49.7	1.95						

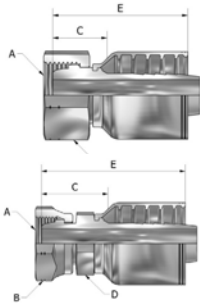
HOSE TAILS  
K Series

# Single & Double Wire Braid

## Straight

### K Series

### MF - Metric Female Ball Nose Straight 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description											
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
			A	B	C		D		E			
K04MF0612A	1/4	(L)	M12*1.5P	15.9	0.62	25.6	1.01	14.0	0.55	45.2	1.78	
K04MF0614A	1/4	(S)	M14*1.5P	17.5	0.69	24.7	0.97	14.0	0.55	45.0	1.77	
K04MF0814A	1/4	(L)	M14*1.5P	17.5	0.69	26.0	1.02	17.0	0.67	45.6	1.80	
K04MF0816A	1/4	(S)	M16*1.5P	19.0	0.75	19.6	0.77			39.2	1.54	
K04MF1016A	1/4	(L)	M16*1.5P	19.0	0.75	30.1	1.19	19.0	0.75	50.4	1.98	
K04MF1018A	1/4	(S)	M18*1.5P	22.0	0.87	21.8	0.86			41.4	1.63	
K04MF1218A	1/4	(L)	M18*1.5P	22.0	0.87	21.8	0.86			41.4	1.63	
K06MF0814A	3/8	(L)	M14*1.5P	17.5	0.69							
K06MF0816A	3/8	(S)	M16*1.5P	19.0	0.75	28.4	1.12	17.0	0.67	55.6	2.19	
K06MF1016A	3/8	(L)	M16*1.5P	19.0	0.75	31.4	1.24	19.0	0.75	58.6	2.31	
K06MF1018A	3/8	(S)	M18*1.5P	22.0	0.87	32.9	1.30	17.0	0.67	60.1	2.37	
K06MF1218A	3/8	(L)	M18*1.5P	22.0	0.87	31.3	1.23	17.0	0.67	58.5	2.30	
K06MF1220A	3/8	(S)	M20*1.5P	24.0	0.94	24.4	0.96			51.6	2.03	
K06MF1422A	3/8	(S)	M22*1.5P	27.0	1.06	24.3	0.96			51.5	2.03	
K06MF1522A	3/8	(L)	M22*1.5P	27.0	1.06	23.8	0.94			51.0	2.01	
K08MF1218A	1/2	(L)	M18*1.5P	22.0	0.87	32.9	1.30	22.0	0.87	63.1	2.48	
K08MF1220A	1/2	(S)	M20*1.5P	24.0	0.94	24.4	0.96					
K08MF1422A	1/2	(S)	M22*1.5P	27.0	1.06	35.6	1.40	22.0	0.87	65.8	2.59	
K08MF1522A	1/2	(L)	M22*1.5P	27.0	1.06	35.6	1.40	22.0	0.87	65.8	2.59	
K08MF1624A	1/2	(S)	M24*1.5P	30.0	1.18	27.4	1.08			55.6	2.19	
K08MF1826A	1/2	(L)	M26*1.5P	32.0	1.26	24.3	0.96			54.5	2.15	
K10MF1624A	5/8	(S)	M24*1.5P	30.0	1.18	29.9	1.17			69.2	2.72	
K10MF1826A	5/8	(L)	M26*1.5P	32.0	1.26	33.8	1.33	24.0	0.94	69.1	2.72	
K10MF2030B	5/8	(S)	M30*2.0P	36.0	1.42	29.3	1.15			64.6	2.54	
K10MF2536B	5/8	(S)	M36*2.0P	46.0	1.81	28.2	1.11			63.5	2.50	
K12MF1826A	3/4	(L)	M26*1.5P	32.0	1.26	33.8	1.33	27.0	1.06	69.2	2.72	
K12MF2030B	3/4	(S)	M30*2.0P	36.0	1.42	27.2	1.07			62.6	2.46	
K12MF2230A	3/4		M30*1.5P	36.0	1.42	26.6	1.05			62.0	2.44	
K12MF2230B	3/4	(L)	M30*2.0P	36.0	1.42	26.6	1.05			62.0	2.44	
K12MF2536B	3/4	(S)	M36*2.0P	46.0	1.81	28.2	1.11			63.6	2.50	
K16MF2836B	1	(L)	M36*2.0P	43.0	1.69	46.9	1.85	35.0	1.38	87.7	3.45	
K16MF3042B	1	(S)	M42*2.0P	50.0	1.97	32.1	1.26			72.9	2.87	
K20MF3545B	1 1/4	(L)	M45*2.0P	50.0	1.97	51.1	2.01			94.7	3.73	

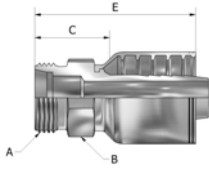


# Single & Double Wire Braid

## Straight

### K Series

### MM - Metric Male Straight 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric  
(LL) = Extra Light Series Metric

Part Number	Products Description									
	Hose In-Dia	DIN	Thread METRIC	Nipple Hex		Tail-Growth		Overall Length		
			A	B	C	E	MM	Inch		
K04MM0612A	1/4	(L)	M12*1.5P	14.0	0.55	23.0	0.91	42.6	1.68	
K04MM0614A	1/4	(S)	M14*1.5P	14.0	0.55	23.0	0.91	42.6	1.68	
K04MM0814A	1/4	(L)	M14*1.5P	14.0	0.55	23.0	0.91	42.6	1.68	
K04MM0816A	1/4	(S)	M16*1.5P	17.0	0.67	25.0	0.98	44.6	1.76	
K04MM1016A	1/4	(L)	M16*1.5P	19.0	0.75	23.9	0.94	43.5	1.71	
K04MM1018A	1/4	(S)	M18*1.5P	19.0	0.75	26.8	1.06	46.6	1.83	
K06MM0814A	3/8	(L)	M14*1.5P	17.0	0.67	25.3	1.00	52.5	2.07	
K06MM0816A	3/8	(S)	M16*1.5P	19.0	0.75	27.2	1.07	54.4	2.14	
K06MM1016A	3/8	(L)	M16*1.5P	19.0	0.75	26.2	1.03	53.4	2.10	
K06MM1018A	3/8	(S)	M18*1.5P	22.0	0.87	28.1	1.11	55.3	2.18	
K06MM1218A	3/8	(L)	M18*1.5P	19.0	0.75	26.2	1.03	53.4	2.10	
K06MM1220A	3/8	(S)	M20*1.5P	22.0	0.87	29.2	1.15	56.4	2.22	
K06MM1422A	3/8	(S)	M22*1.5P	22.0	0.87	31.1	1.22	58.3	2.30	
K06MM1522A	3/8	(L)	M22*1.5P	22.0	0.87	29.1	1.15	56.3	2.22	
K08MM1218A	1/2	(L)	M18*1.5P	22.0	0.87	28.6	1.13	58.8	2.31	
K08MM1220A	1/2	(S)	M20*1.5P	22.0	0.87	29.2	1.15			
K08MM1422A	1/2	(S)	M22*1.5P	22.0	0.87	31.6	1.24	61.8	2.43	
K08MM1522A	1/2	(L)	M22*1.5P	22.0	0.87	29.6	1.17	59.8	2.35	
K08MM1624A	1/2	(S)	M24*1.5P	24.0	0.94	31.6	1.24	61.8	2.43	
K08MM1826A	1/2	(L)	M26*1.5P	27.0	1.06	31.8	1.25	62.0	2.44	
K10MM1826A	5/8	(L)	M26*1.5P	27.0	1.06	32.3	1.27	67.6	2.66	
K10MM2030B	5/8	(S)	M30*2.0P	30.0	1.18	36.3	1.43	71.6	2.82	
K12MM2030B	3/4	(S)	M30*2.0P	30.0	1.18	34.0	1.34	69.4	2.73	
K12MM2230B	3/4	(L)	M30*2.0P	30.0	1.18	34.0	1.34	69.4	2.73	
K12MM2536B	3/4	(S)	M36*2.0P	41.0	1.61	38.5	1.52	73.9	2.91	
K12MM3042B	3/4	(S)	M42*2.0P	46.0	1.81	41.6	1.64	77.0	3.03	
K16MM2536B	1	(S)	M36*2.0P	41.0	1.61	41.0	1.61	81.8	3.22	
K16MM2836B	1	(L)	M36*2.0P	36.0	1.42	36.6	1.44	77.4	3.05	
K16MM3042B	1	(S)	M42*2.0P	46.0	1.81	44.1	1.74	84.9	3.34	

HOSE TAILS  
K Series

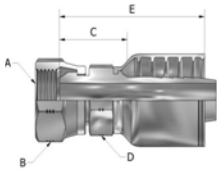


# Single & Double Wire Braid

## Straight

### K Series

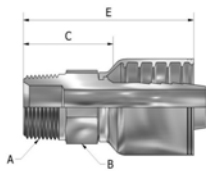
### NF - NPT Female Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread NPSM	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
K04NF04	1/4	1/4-18	19.0	0.75	26.7	1.05	14.3	0.56	47.0	1.85
K06NF06	3/8	3/8-18	22.0	0.87	27.2	1.07	17.5	0.69	54.4	2.14
K08NF08	1/2	1/2-14	25.4	1.00	29.4	1.16	23.8	0.94	59.6	2.35

### K Series

### NM - Taper Male NPT Straight



SS = Stainless Steel

Part Number	Products Description								
	Hose In-Dia	Thread NPTF	Nipple Hex		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	SAE	
K04NM02	1/4	1/8-27	14.3	0.56	26.0	1.02	45.6	1.80	
K04NM04	1/4	1/4-18	14.3	0.56	31.6	1.24	51.2	2.02	
K04NM04SS	1/4	1/4-18	14.3	0.56	31.6	1.24	51.2	2.02	
K04NM06	1/4	3/8-18	17.5	0.69	27.8	1.09	47.4	1.87	
K06NM04	3/8	1/4-18	19.0	0.75	32.2	1.27	59.4	2.34	
K06NM06	3/8	3/8-18	19.0	0.75	34.5	1.36	61.7	2.43	
K06NM08	3/8	1/2-14	22.2	0.87	35.0	1.38	62.2	2.45	
K08NM06	1/2	3/8-18	22.0	0.87	34.9	1.37	65.1	2.56	
K08NM08	1/2	1/2-14	22.0	0.87	41.3	1.63	71.5	2.81	
K08NM08SS	1/2	1/2-14	22.0	0.87	41.3	1.63	71.5	2.81	
K12NM12	3/4	3/4-14	27.0	1.06	43.0	1.69	78.4	3.09	
K16NM16	1	1-11.5	35.0	1.38	50.4	1.98	91.2	3.59	
K16NM16SS	1	1-11.5	35.0	1.38	50.4	1.98	91.2	3.59	
K20NM20	1 1/4	1 1/4-11.5	44.5	1.75	59.9	2.36	103.6	4.08	
K24NM24	1 1/2	1 1/2-11.5	50.8	2.00	54.5	2.15	88.9	3.50	
K32NM32	2	2-11.5	63.5	2.50	59.3	2.33	103.2	4.06	

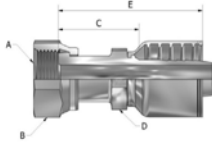


# Single & Double Wire Braid

## Straight

### K Series

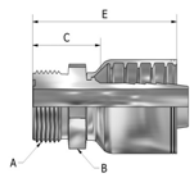
### FO - Female O-Ring Face Seal Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
K04FO09	1/4	9/16-18	175	0.69	33.1	1.30	14.3	0.56	52.7	2.07
K04FO11	1/4	11/16-16	22.0	0.87	31.6	1.24	17.5	0.69	51.2	2.02
K06FO09	3/8	9/16-18	175	0.69	33.5	1.32	17.5	0.69	60.7	2.39
K06FO11	3/8	11/16-16	22.0	0.87	32.2	1.27	17.5	0.69	59.4	2.34
K06FO13	3/8	13/16-16	23.8	0.94	38.5	1.52	20.6	0.81	65.7	2.59
K06FO16	3/8	1-14	30.0	1.18	44.5	1.75	23.8	0.94	71.7	2.82
K08FO11	1/2	11/16-16	22.0	0.87	32.7	1.29	20.6	0.81	62.9	2.48
K08FO13	1/2	13/16-16	23.8	0.94	39.8	1.57	22.0	0.87	70.0	2.76
K08FO16	1/2	1-14	30.0	1.18	42.8	1.69	23.8	0.94	73.0	2.87
K08FO19	1/2	1 3/16-12	36.0	1.42	48.1	1.89	28.6	1.12	78.3	3.08
K10FO16	5/8	1-14	30.0	1.18	43.3	1.70	23.8	0.94	78.6	3.09
K10FO19	5/8	1 3/16-12	36.0	1.42	48.0	1.89	28.6	1.12	83.3	3.28
K12FO16	3/4	1-14	30.0	1.18	46.0	1.81	27.0	1.06	81.4	3.20
K12FO19	3/4	1 3/16-12	36.0	1.42	48.6	1.91	28.6	1.12	84.0	3.31
K12FO23	3/4	1 7/16-12	41.0	1.61	50.2	1.98	35.0	1.38	85.6	3.37
K16FO23	1	1 7/16-12	41.0	1.61	51.1	2.01	35.0	1.38	91.9	3.62
K16FO27	1	1 11/16-12	50.0	1.97	55.2	2.17	41.0	1.61	96.0	3.78
K20FO27	1 1/4	1 11/16-12	50.0	1.97	52.1	2.05	46.0	1.81	95.8	3.77

### K Series

### MO - Male O-Ring Face Seal



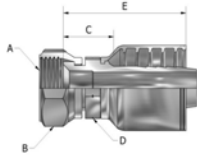
Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
	A	B		C		E				
K04MO09	1/4	9/16-18	17.0	0.67	24.2	0.95	44.5	1.75		
K04MO11	1/4	11/16-16	19.0	0.75	25.4	1.00	45.7	1.80		
K06MO11	3/8	11/16-16	19.0	0.75	26.0	1.02	53.2	2.09		
K06MO13	3/8	13/16-16	22.0	0.87	31.3	1.23	58.5	2.30		
K08MO13	1/2	13/16-16	22.0	0.87	31.8	1.25	62.0	2.44		
K08MO16	1/2	1-14	27.0	1.06	36.8	1.45	67.0	2.64		
K10MO16	5/8	1-14	27.0	1.06	37.3	1.47	72.6	2.86		
K10MO19	5/8	1 3/16-12	32.0	1.26	34.5	1.36	69.8	2.75		
K12MO19	3/4	1 3/16-12	32.0	1.26	34.5	1.36	69.9	2.75		

# Single & Double Wire Braid

## Straight

### K Series

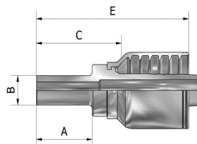
### SF - SAE Female Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
K04SF10	1/4	5/8-18	19.0	0.75						
K06SF10	3/8	5/8-18	19.0	0.75	23.6	0.93	17.5	0.69	50.8	2.00
K10SF17	5/8	1 1/16-14	32.0	1.26	27.3	1.07	25.4	1.00	62.6	2.46
K12SF17	3/4	1 1/16-14	32.0	1.26	27.3	1.07	25.4	1.00	62.7	2.47

### K Series

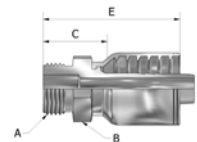
### SPM - Stand Pipe Straight



Part Number	Products Description									
	Hose In-Dia	Length		Out-Dia		Tail-Growth		Overall Length		
MM		Inch	MM	Inch	MM	Inch	MM	Inch		
A			B		C		E			
K04SPM06	1/4	22	0.87	6.0	0.24	31.9	1.26	52.2	2.06	

### K Series

### PM - UNO Male Straight

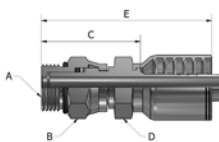


Supplied with O'Ring

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length			
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		E				
K04PM09	1/4	9/16-18	17.5	0.69	22.4	0.88	42	1.65		
K06PM09	3/8	9/16-18	17.46	0.68	24.1	0.94	54.8	2.16		
K06PM12	3/8	3/4-16			32.7	1.29				
K08PM12	1/2	3/4-16			37.3	1.47				
K08PM14	1/2	7/8-14	25.4	1	35.7	1.41	59.1	2.33		

### K Series

### PSW - UNO Male Swivel



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
K08PSW14	1/2	7/8	25.4	1	47.6	1.87	25.4	1	81.8	3.22



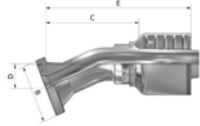


## Single & Double Wire Braid

### 22.5 Degree

#### K Series

#### F61 - SAE Code 61 Flange 22.5° Elbow

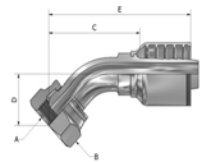


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K12F611222.5	3/4	3/4	38.1	150	68.0	2.68	15.8	0.62	103.3	4.07
K20F612022.5	1 1/4	1-1/4	50.8	2.00	98.1	3.86	19.7	0.78	141.8	5.58

### 45 Degree

#### K Series

#### BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone



SS = Stainless Steel

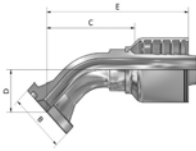
Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04BF0445	1/4	1/4-19	19.0	0.75	40.3	1.59	19.8	0.78	59.8	2.35
K04BF0445SS	1/4	1/4-19	19.0	0.75	40.3	1.59	19.8	0.78	59.8	2.35
K04BF0645	1/4	3/8-19	22.0	0.87	42.7	1.68	22.2	0.87	63.0	2.48
K06BF0645	3/8	3/8-19	22.0	0.87	44.9	1.77	22.2	0.87	72.1	2.84
K06BF0845	3/8	1/2-14	27.0	1.06	58.5	2.30	28.8	1.13	85.7	3.37
K08BF0845	1/2	1/2-14	27.0	1.06	53.8	2.12	28.0	1.10	84.0	3.31
K08BF1245	1/2	3/4-14	32	1.26	46.3	1.83	24.3	0.96	81.0	3.19
K10BF1045	5/8	5/8-14	28.6	1.12	53.0	2.09	24.3	0.96	88.3	3.48
K12BF1245	3/4	3/4-14	32.0	1.26	68.0	2.68	32.3	1.27	103.3	4.07
K16BF1645	1	1-11	41.0	1.61	86.0	3.39	40.4	1.59	126.8	4.99
K20BF2045	1 1/4	1 1/4-11	50.0	1.97	114.8	4.52	55.5	2.19	158.5	6.24
K24BF2445	1 1/2	1 1/2-11	55.0	2.17	130.0	5.12	60.1	2.37	164.4	6.47
K32BF3245	2	2-11	70.0	2.76	159.1	6.26	68.8	2.71	203.0	7.99

## Single & Double Wire Braid

### 45 Degree

#### K Series

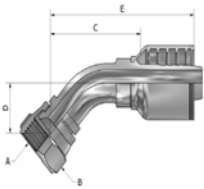
#### F61 - SAE Code 61 Flange 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K08F610845	1/2	1/2	30.2	1.19	51.6	2.03	21.5	0.85	81.8	3.22
K08F611245	1/2	3/4	38.1	1.50	52.3	2.06	22.0	0.87	82.5	3.25
K12F611245	3/4	3/4	38.1	1.50	62.4	2.46	26.0	1.02	97.8	3.85
K12F611645	3/4	1	44.5	1.75	64.2	2.53	28.0	1.10	99.6	3.92
K16F611645	1	1	44.5	1.75	79.3	3.12	32.0	1.26	120.1	4.73
K16F612045	1	1 1/4	50.8	2.00	76.0	2.99	32.0	1.26	116.8	4.60
K20F612045	1 1/4	1 1/4	50.8	2.00	98.3	3.87	38.0	1.50	142.0	5.59
K20F612445	1 1/4	1 1/2	60.3	2.37	98.3	3.87	38.0	1.50	142.0	5.59
K24F612445	1 1/2	1 1/2	60.3	2.37	112.4	4.43	41.0	1.61	146.8	5.78
K32F613245	2	2	71.4	2.81	140.2	5.52	50.0	1.97	184.1	7.25

#### K Series

#### JF - JIC Female 37° Swivel 45° Elbow



SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K03JF0745	3/16	7/16-20	14.3	0.56	30.4	1.20	10.0	0.39		
K04JF0745	1/4	7/16-20	14.3	0.56	30.4	1.20	10.0	0.39	50.6	1.99
K04JF0845	1/4	1/2-20	15.9	0.62	30.4	1.20	10.0	0.39	50.7	2.00
K04JF0945	1/4	9/16-18	17.5	0.69	31.4	1.24	11.0	0.43	51.7	2.04
K06JF0945	3/8	9/16-18	17.5	0.69	33.7	1.33	11.0	0.43	60.9	2.40
K06JF1245	3/8	3/4-16	22.2	0.87	36.7	1.44	14.0	0.55	63.9	2.52
K06JF1445	3/8	7/8-14	25.4	1.00	40.7	1.60	15.0	0.59	67.9	2.67
K08JF1245	1/2	3/4-16	22.2	0.87	41.1	1.62	15.0	0.59	71.3	2.81
K08JF1245SS	1/2	3/4-16	22.2	0.87	41.1	1.62	15.0	0.59	71.3	2.81
K08JF1445	1/2	7/8-14	25.4	1.00	41.1	1.62	15.0	0.59	71.3	2.81
K08JF1745	1/2	1 1/16-12	31.8	1.25	47.8	1.88	20.0	0.79	78.0	3.07
K10JF1445	5/8	7/8-14	25.4	1.00	44.2	1.74	16.0	0.63	79.4	3.13
K10JF1745	5/8	1 1/16-12	31.8	1.25	55.7	2.19	21.0	0.83	91.0	3.58
K12JF1745	3/4	1 1/16-12	31.8	1.25	64.0	2.52	27.0	1.06	99.4	3.91

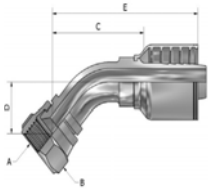
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# Single & Double Wire Braid

## 45 Degree

### K Series

### JF - JIC Female 37° Swivel 45° Elbow *Continued...*

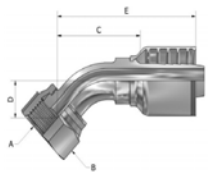


SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K12JF2145	3/4	1 5/16-12	38.1	1.50	59.7	2.35	24.0	0.94	95.1	3.74
K16JF2145	1	1 5/16-12	38.1	1.50	78.5	3.09	33.0	1.30	119.3	4.70
K20JF2645	1 1/4	1 5/8-12	50.0	1.97	102.3	4.03	45.0	1.77	146.0	5.75
K24JF3045	1 1/2	1 7/8-12	55.0	2.17	123.9	4.88	52.0	2.05	158.3	6.23
K32JF4045	2	2 1/2-12	73.0	2.87	145.9	5.74	55.7	2.19	189.8	7.47

### K Series

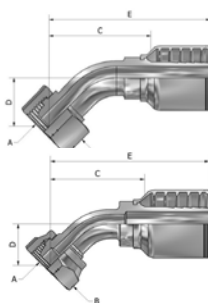
### MFF - Flat Face Metric Female - 45°



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04MFF1445	1/4	M14*1.5P	16.9	0.66						
K06MFF1645	3/8	M16*1.5P	18.9	0.74						
K06MFF1845	3/8	M18*1.5P	21.7	0.85						
K08MFF2245	1/2	M22*1.5P	26.8	1.05						
K10MFF2745	5/8	M27*1.5P	31.5	1.24						
K12MFF3045	3/4	M30*2P	35.7	1.40						

### K Series

### MF - Metric Female Ball Nose 45° Elbow 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04MF0612A45	1/4	(L)	M12*1.5P	15.8	0.62	38.4	1.51	15.0	0.59	58.0	2.28
K04MF0614A45	1/4	(S)	M14*1.5P	17.5	0.69	39.4	1.55	16.0	0.63	59.0	2.32
K04MF0814A45	1/4	(L)	M14*1.5P	17.5	0.69	39.4	1.55	16.0	0.63	59.0	2.32
K04MF0816A45	1/4	(S)	M16*1.5P	19.0	0.75	40.5	1.59	15.4	0.61	60.1	2.37
K04MF1016A45	1/4	(L)	M16*1.5P	19.0	0.75	40.5	1.59	15.4	0.61	60.1	2.37
K04MF1018A45	1/4	(S)	M18*1.5P	22.0	0.87	40.9	1.61	15.8	0.62	60.5	2.38
K04MF1218A45	1/4	(L)	M18*1.5P	22.0	0.87	40.9	1.61	15.8	0.62	60.5	2.38
K06MF0816A45	3/8	(S)	M16*1.5P	19.0	0.75	39.1	1.54	16.4	0.65	66.3	2.61

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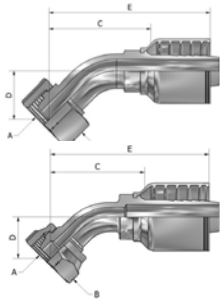


# Single & Double Wire Braid

## 45 Degree

### K Series

### MF - Metric Female Ball Nose 45° Elbow 24° Cone *Continued...*

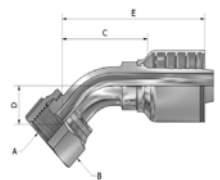


(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	C	D	E				
K06MF1016A45	3/8	(L)	M16*1.5P	19.0	0.75	39.7	156	17.0	0.67	66.9	2.63
K06MF1018A45	3/8	(S)	M18*1.5P	22.0	0.87	44.7	176	22.0	0.87	71.9	2.83
K06MF1218A45	3/8	(L)	M18*1.5P	22.0	0.87	45.8	180	18.0	0.71	73.0	2.87
K06MF1220A45	3/8	(S)	M20*1.5P	24.0	0.94	46.7	184	19.0	0.75	73.9	2.91
K06MF1422A45	3/8	(S)	M22*1.5P	27.0	1.06	42.7	168	20.0	0.79	69.9	2.75
K06MF1522A45	3/8	(L)	M22*1.5P	27.0	1.06	42.7	168	20.0	0.79	69.9	2.75
K08MF1218A45	1/2	(L)	M18*1.5P	22.0	0.87	44.4	175	18.0	0.70	78.6	3.09
K08MF1422A45	1/2	(S)	M22*1.5P	27.0	1.06	49.7	196	20.0	0.79	83.9	3.30
K08MF1522A45	1/2	(L)	M22*1.5P	27.0	1.06	53.7	211	20.0	0.79	83.9	3.30
K08MF1624A45	1/2	(S)	M24*1.5P	30.0	1.18	59.0	232	24.0	0.94	89.2	3.51
K08MF1826A45	1/2	(L)	M26*1.5P	32.0	1.26	59.0	232	24.0	0.94	89.2	3.51
K10MF1826A45	5/8	(L)	M26*1.5P	32.0	1.26	53.3	210	24.2	0.95	88.6	3.49
K10MF2030B45	5/8	(S)	M30*2.0P	36.0	1.42	57.2	225	28.0	1.10	92.4	3.64
K12MF1826A45	3/4	(L)	M26*1.5P	32.0	1.26	55.9	220	24.2	0.95	91.2	3.59
K12MF2030B45	3/4	(S)	M30*2.0P	36.0	1.42	65.3	257	29.6	1.17	100.7	3.96
K12MF2230B45	3/4	(L)	M30*2.0P	36.0	1.42	65.3	257	29.6	1.17	100.7	3.96
K12MF2536B45	3/4	(S)	M36*2.0P	46.0	1.81	64.3	253	30.5	1.20	99.6	3.92
K16MF2836B45	1	(L)	M36*2.0P	43.0	1.69	78.5	309	35.0	1.38	119.3	4.70
K16MF3042B45	1	(S)	M42*2.0P	50.0	1.97	80.5	317	37.0	1.46	121.3	4.78
K20MF3545B45	1 1/4	(L)	M45*2.0P	50.0	1.97	108.3	426	48.0	1.89	152.0	5.98

### K Series

### F0 - Female O-Ring Face Seal Swivel 45° Elbow



Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length		
		A	B	C	D	E					
K04F00945	1/4	9/16-18	175	0.69	30.5	120	10.0	0.39	50.8	2.00	
K04F01145	1/4	11/16-16	22.0	0.87	31.3	123	10.9	0.43	50.9	2.00	
K06F01145	3/8	11/16-16	22.0	0.87	33.7	133	11.0	0.43	60.9	2.40	
K06F01345	3/8	13/16-16	23.8	0.94	39.6	156	15.0	0.59	66.8	2.63	
K08F01345	1/2	13/16-16	23.8	0.94	41.0	161	15.0	0.59	71.2	2.80	

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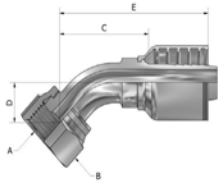


# Single & Double Wire Braid

## 45 Degree

### K Series

### FO - Female O-Ring Face Seal Swivel 45° Elbow *Continued...*

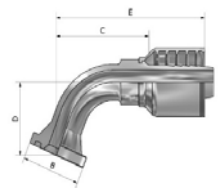


Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K08FO1645	1/2	1-14	30.0	1.18	43.6	1.72	16.0	0.63	73.8	2.91
K08FO1945	1/2	1 3/16-12	36.0	1.41	44.2	1.74	22.2	0.87	78.4	3.08
K10FO1645	5/8	1-14	30.0	1.18	44.2	1.74	16.0	0.63	79.4	3.13
K10FO1945	5/8	1 3/16-12	36.0	1.42	56.8	2.24	21.0	0.83	92.1	3.63
K12FO1945	3/4	1 3/16-12	36.0	1.42	56.8	2.24	21.1	0.83	92.2	3.63
K12FO2345	3/4	1 7/16-12	41.0	1.61	62.2	2.45	26.5	1.04	97.6	3.84
K16FO2345	1	1 7/16-12	41.0	1.61	70.2	2.76	24.0	0.94	111.0	4.37
K20FO2745	1 1/4	1 11/16-12	50.0	1.97	101.2	3.98	41.0	1.61	144.9	5.70

## 67.5 Degree

### K Series

### F61 - SAE Code 61 Flange 67.5° Elbow

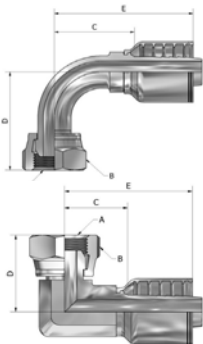


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K16F6116675	1	1	44.5	1.75	80.9	3.19	61.4	2.42	121.7	4.79
K20F6124675	1 1/4	1 1/2	60.3	2.37	92.1	3.63	49.0	1.93	135.7	5.34

## 90 Degree

### K Series

### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



SS = Stainless Steel  
B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04BF0490-29MM	1/4	1/4-19	19.0	0.75	25.7	1.01	34.4	1.35	45.3	1.78
K04BF0490B-24.4MM	1/4	1/4-19	19.0	0.75	21.8	0.86	29.6	1.17	41.4	1.68
K04BF0490L-49MM	1/4	1/4-19	19.0	0.75	25.7	1.01	54.2	2.13	45.3	1.78
K04BF0490SS-29MM	1/4	1/4-19	19.0	0.75	25.7	1.01	34.4	1.35	45.3	1.78
K04BF0690-33MM	1/4	3/8-19	22.0	0.87	25.7	1.01	40.4	1.59	45.3	2.26

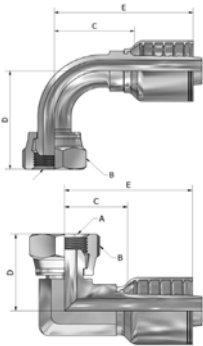
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# Single & Double Wire Braid

## 90 Degree

### K Series

### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone *Continued...*

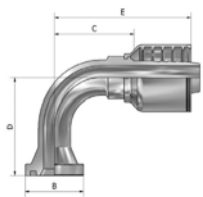


SS = Stainless Steel  
B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K06BF0690-33MM	3/8	3/8-19	22.0	0.87	30.3	1.19	40.4	1.59	57.5	2.26
K06BF0690B-28MM	3/8	3/8-19	22.0	0.87	26.3	1.04	35.4	1.39	53.5	2.11
K06BF0690L-55MM	3/8	3/8-19	22.0	0.87	30.3	1.19	62.4	2.46	57.5	2.26
K06BF0890B-28.8MM	3/8	1/2-14	27.0	1.06	22.8	0.9	28.8	1.13	53.5	2.11
K06BF0890-40.9MM	3/8	1/2-14	27.0	1.06	38.5	1.52	50.6	1.99	65.7	2.59
K08BF0890-40.9MM	1/2	1/2-14	27.0	1.06	37.8	1.49	50.6	1.99	68.0	2.68
K08BF0890B-32.3MM	1/2	1/2-14	27.0	1.06	28.5	1.12	42.0	1.65	62.7	2.47
K08BF0890L-80MM	1/2	1/2-14	27.0	1.06	34.9	1.37	89.7	3.53	65.1	2.56
K08BF0890SS-40.9MM	1/2	1/2-14	27.0	1.06	37.8	1.49	50.6	1.99	68.0	2.68
K08BF1290-42.3MM	1/2	3/4-14	32.0	1.26	33.8	1.33	51.3	2.02	68.0	2.68
K10BF1090-42.6MM	5/8	5/8-14	28.6	1.13	40.3	1.59	51.8	2.04	75.6	2.98
K10BF1290-50MM	5/8	3/4-14	36.0	1.42	48.3	1.9	59.0	2.32	83.6	3.29
K12BF1290-55MM	3/4	3/4-14	32.0	1.26	52.3	2.06	64.0	2.52	87.6	3.45
K12BF1290B-36MM	3/4	3/4-14	36.0	1.42	37.9	1.49	45.0	1.77	73.2	2.88
K12BF1290L-97MM	3/4	3/4-14	32.0	1.26	48.3	1.90	106.0	4.17	87.6	3.45
K12BF1290SS-55MM	3/4	3/4-14	32.0	1.26	52.3	2.06	64.0	2.52	87.6	3.45
K12BF1690-73MM	3/4	1-11	41.0	1.61			73.0	2.87		
K16BF1690B-40MM	1	1-11	41.0	1.61	41.8	1.65	40.0	1.57	86.8	3.42
K16BF1690-73.5MM	1	1-11	41.0	1.61	78.8	3.10	84.0	3.31	119.6	4.71
K16BF1690L-110MM	1	1-11	41.0	1.61	78.8	3.10	120.5	4.74	119.6	4.71
K20BF2090-88.5M	1 1/4	1 1/4-11	50.0	1.97	85.7	3.37	101.9	4.01	129.4	5.09
K24BF2490-110MM	1 1/2	1 1/2-11	55.0	2.17	102.1	4.02	120.0	4.72	136.5	5.37
K32BF3290-138MM	2	2-11	70.0	2.76	141.5	5.57	152.9	6.02	185.4	7.30

### K Series

### F61 - SAE Code 61 Flange 90° Elbow



B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
K08F610890-43MM	1/2	1/2	30.2	1.19	47.8	1.88	43.0	1.69	78.0	3.07
K08F611290-50MM	1/2	3/4	38.1	1.50	44.9	1.77	50.0	1.97	75.1	2.96

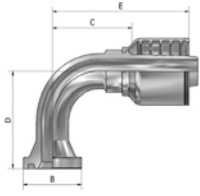
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# Single & Double Wire Braid

## 90 Degree

### K Series

### F61 - SAE Code 61 Flange 90° Elbow *Continued.*

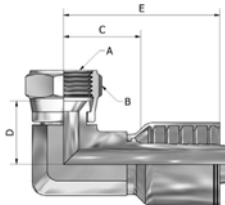
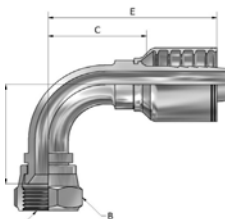


B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
K10F611090-53MM	5/8	5/8	34.1	1.34	45.3	1.78	53.0	2.09	80.6	3.17
K12F611290-58MM	3/4	3/4	38.1	1.50	53.8	2.12	58.0	2.28	89.1	3.51
K12F611290L-83MM	3/4	3/4	38.1	1.50	53.8	2.12	83.0	3.27	89.1	3.51
K12F611690-56.9MM	3/4	1	44.5	1.75	53.8	2.12	58.0	2.28	89.1	3.51
K16F611690-70MM	1	1	44.5	1.75	66.3	2.61	70.0	2.76	107.1	4.22
K16F611690L-117MM	1	1	44.5	1.75	66.3	2.61	117.0	4.61	107.1	4.22
K16F612090-70MM	1	1 1/4	50.8	2.00	66.3	2.61	70.0	2.76	107.1	4.22
K16F612090L-117MM	1	1 1/4	50.8	2.00	91.3	3.59	117.0	4.61	132.1	5.20
K20F612090-82MM	1 1/4	1 1/4	50.8	2.00	86.7	3.41	82.0	3.23	130.4	5.13
K20F612090L-140MM	1 1/4	1 1/4	50.8	2.00	106.7	4.20	140.0	5.51	150.4	5.92
K20F612490-90MM	1 1/4	1 1/2	60.3	2.37	86.7	3.41	90.0	3.54	130.4	5.13
K24F612490-104MM	1 1/2	1 1/2	60.3	2.37	103.6	4.08	104.0	4.09	138.0	5.43
K32F613290-120MM	2	2	71.4	2.81	137.1	5.40	120.0	4.72	181.0	7.13
K32F614090-125MM	2	2 1/2	84.1	3.31	137.1	5.40	125.0	4.92	181.0	7.13

### K Series

### JF - JIC Female 37° Swivel 90° Elbow



SS = Stainless Steel  
B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
K03JF0790-21MM	3/16	7/16-20	14.3	0.56	23.8	0.94	21.0	0.83	43.5	1.71
K04JF0790-21MM	1/4	7/16-20	14.3	0.56	25.6	1.01	21.0	0.83	45.2	1.78
K04JF0790SS-27MM	1/4	7/16-20	14.3	0.56	25.6	1.01	21.0	0.83	45.2	1.78
K04JF0790B-19.8MM	1/4	7/16-20	14.3	0.56	21.8	0.86	19.8	0.78	41.4	1.63
K04JF0790L-46MM	1/4	7/16-20	14.3	0.56	25.4	1.00	46.0	1.81	45.2	1.78
K04JF0890-21MM	1/4	1/2-20	15.9	0.62	25.9	1.02	21.0	0.83	45.5	1.79
K04JF0990-22MM	1/4	9/16-18	17.5	0.69	25.4	1.00	22.0	0.87	45.3	1.78
K04JF0990SS-22MM	1/4	9/16-18	17.5	0.69	25.4	1.00	22.0	0.87	45.3	1.78
K04JF0990B-21.2MM	1/4	9/16-18	17.5	0.69	21.8	0.86	21.2	0.83	41.4	1.63
K04JF0990L-30MM	1/4	9/16-18	17.5	0.69	25.7	1.01	30.0	1.18	46.0	1.81
K04JF0990L-47MM	1/4	9/16-18	17.5	0.69	25.4	1.00	47.0	1.85	45.3	1.78
K04JF0990L-48MM	1/4	9/16-18	17.5	0.69	25.4	1.00	48.0	1.88	45.3	1.78

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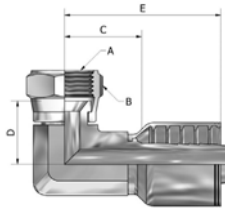
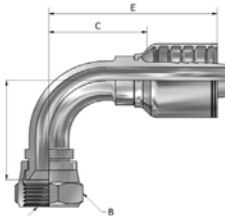


# Single & Double Wire Braid

## 90 Degree

### K Series

### JF - JIC Female 37° Swivel 90° Elbow *Continued...*



SS = Stainless Steel  
B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K06JF0990-23MM	3/8	9/16-18	175	0.69	30.3	1.19	23.0	0.91	57.5	2.26
K06JF0990SS-23MM	3/8	9/16-18	175	0.69	30.3	1.19	23.0	0.91	57.5	2.26
K06JF0990-30MM	3/8	9/16-18	175	0.69	30.3	1.19	30.0	1.18	57.5	2.26
K06JF0990B-23MM	3/8	9/16-18	175	0.69	26.3	1.04	23.0	0.91	53.5	2.11
K06JF0990L-55MM	3/8	9/16-18	175	0.69	30.3	1.19	55.0	2.17	57.5	2.26
K06JF1290-28MM	3/8	3/4-16	222	0.87	30.3	1.19	28.0	1.10	57.5	2.26
K06JF1290SS-28MM	3/8	3/4-16	222	0.87	30.3	1.19	28.0	1.10	57.5	2.26
K06JF1290B-24MM	3/8	3/4-16	222	0.87	26.3	1.04	24.0	0.94	53.5	2.11
K06JF1290L-62MM	3/8	3/4-16	222	0.87	40.3	1.59	62.0	2.44	67.5	2.66
K06JF1490-27.4MM	3/8	7/8-14	25.4	1.00	33.3	1.31	27.4	1.08	60.5	2.38
K06JF1490B-29.4MM	3/8	7/8-14	25.4	1.00	32.0	1.26	29.4	1.16	59.2	2.33
K08JF1290B-28.5MM	1/2	3/4-16	222	0.87	32.5	1.28	28.5	1.12	62.7	2.47
K08JF1290-31MM	1/2	3/4-16	222	0.87	34.9	1.37	31.0	1.22	65.1	2.56
K08JF1290SS-31MM	1/2	3/4-16	222	0.87	34.9	1.37	31.0	1.22	65.1	2.56
K08JF1290L-38MM	1/2	3/4-16	222	0.87	30.9	1.22	38.0	1.50	65.1	2.56
K08JF1290L-62MM	1/2	3/4-16	222	0.87	44.9	1.77	62.0	2.44	75.1	2.96
K08JF1490-31MM	1/2	7/8-14	25.4	1.00	34.9	1.37	31.0	1.22	65.1	2.56
K08JF1490SS-31MM	1/2	7/8-14	25.4	1.00	34.9	1.37	31.0	1.22	65.1	2.56
K08JF1490-47MM	1/2	7/8-14	25.4	1.00	34.9	1.37	47.0	1.85	65.1	2.56
K08JF1490B-29.4MM	1/2	7/8-14	25.4	1.00	32.5	1.28	29.4	1.16	62.7	2.47
K08JF1490L-66MM	1/2	7/8-14	25.4	1.00	44.9	1.77	66.0	2.60	75.1	2.96
K08JF1790-46MM	1/2	1 1/16-12	31.8	1.25	38.9	1.53	46.0	1.81	69.1	2.72
K10JF1490-34MM	5/8	7/8-14	25.4	1.00	39.3	1.55	34.0	1.34	74.6	2.94
K10JF1490L-66MM	5/8	7/8-14	25.4	1.00	49.3	1.94	66.0	2.60	84.6	3.33
K10JF1790-48MM	5/8	1 1/16-12	31.8	1.25	49.3	1.94	48.0	1.89	84.6	3.33
K12JF1490-40MM	3/4	7/8-14	25.4	1.00	54.0	2.13	40.0	1.57	89.4	3.52
K12JF1790-53MM	3/4	1 1/16-12	31.8	1.25	53.3	2.10	53.0	2.09	88.7	3.49
K12JF1790B-33.9MM	3/4	1 1/16-12	31.8	1.25	37.9	1.49	30.0	1.18	73.2	2.88
K12JF1790L-95MM	3/4	1 1/16-12	31.8	1.25	84.0	3.31	95.0	3.74	119.4	4.70
K12JF2190-56MM	3/4	1 5/16-12	38.1	1.50	53.3	2.10	56.0	2.20	88.7	3.49
K16JF2190B-38MM	1	1 5/16-12	38.1	1.50	41.8	1.64	38.0	1.50	86.8	3.42

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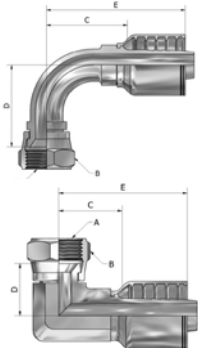


# Single & Double Wire Braid

## 90 Degree

### K Series

### JF - JIC Female 37° Swivel 90° Elbow *Continued.*

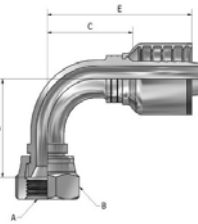


SS = Stainless Steel  
B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K16JF2190-70MM	1	1 5/16-12	38.1	1.50	67.8	2.67	70.0	2.76	108.6	4.28
K16JF2190SS-70MM	1	1 5/16-12	38.1	1.50	67.8	2.67	70.0	2.76	108.6	4.28
K16JF2190L-110MM	1	1 5/16-12	38.1	1.50	92.8	3.65	110.0	4.33	133.6	5.26
K20JF2690-85MM	1 1/4	1 5/8-12	50.0	1.97	83.7	3.30	85.0	3.35	127.4	5.02
K20JF2690L-134MM	1 1/4	1 5/8-12	50.0	1.97	103.7	4.08	134.0	5.28	147.4	5.80
K24JF3090-110MM	1 1/2	1 7/8-12	55.0	2.17	104.1	4.10	110.0	4.33	138.5	5.45
K32JF4090-136MM	2	2 1/2-12	73.0	2.87	141.5	5.57	136.0	5.35	185.4	7.30

### K Series

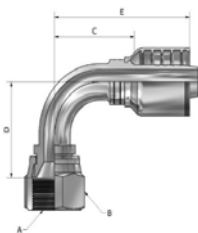
### IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04IBF0490-23.3MM	1/4	1/4-19	19.0	0.75	27.7	1.09	23.3	0.92	47.3	1.86
K04IBF0690-28MM	1/4	3/8-19	22.0	0.87	25.7	1.01	28.0	1.10	45.3	1.78
K06IBF0690-28MM	3/8	3/8-19	22.0	0.87	33.2	1.31	27.0	1.06	60.4	2.38
K08IBF0890-31MM	1/2	1/2-14	27.0	1.66			31.0	1.93		

### K Series

### KF - Komatsu Female Swivel 90° Elbow 30° Flare JIS Metric



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
K04KF1490-23.3MM	1/4	M14*1.5P	19.0	0.75	27.4	1.08	23.3	0.92	47.3	1.86
K06KF1890-28MM	3/8	M18*1.5P	24.0	0.94	33.2	1.31	27.0	1.06	60.4	2.38
K08KF2290-31MM	1/2	M22*1.5P	27.0	1.06	42.0	1.65	31.0	1.22	72.2	2.84
K12KF3090-55MM	3/4	M30*1.5P	36.0	1.42	55.3	2.18	55.0	2.17	90.7	3.57

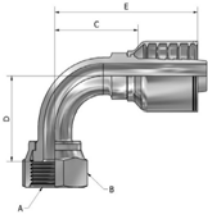
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# Single & Double Wire Braid

## 90 Degree

### K Series

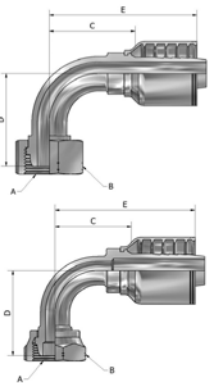
### MFF - Flat Face Metric Female - 90°



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04MFF1490-28.2MM	1/4	M14*1.5P	16.8	0.66			28.2	1.11		
K06MFF1690-37MM	3/8	M16*1.5P	18.9	0.74			37.0	1.46		
K06MFF1890-39MM	3/8	M18*1.5P	21.7	0.85			39.0	1.54		
K08MFF2290-43.5MM	1/2	M22*1.5P	26.8	1.05			43.5	1.71		
K10MFF2790-52MM	5/8	M27*1.5P	31.5	1.24			52.0	2.05		
K12MFF3090-58MM	3/4	M30*2P	35.7	1.40			58.0	2.28		
K12MFF3690	3/4	M36*2P	40.8	1.61						
K16MFF3690	1	M36*2P	40.8	1.61			36.0	1.42		

### K Series

### MF - Metric Female Ball Nose 90° Elbow 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	DIN	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	MM	Inch	MM	Inch	MM	Inch	MM
K04MF0612A90-29MM	(L)	1/4	M12*1.5P	15.9	0.62	28.7	1.13	29.0	1.14	48.3	1.90
K04MF0614A90-29MM	(S)	1/4	M14*1.5P	17.5	0.69	28.7	1.13	29.0	1.14	48.3	1.90
K04MF0814A90-31MM	(L)	1/4	M14*1.5P	17.5	0.69	28.7	1.13	31.0	1.22	49.0	1.93
K04MF0816A90-28.2MM	(S)	1/4	M16*1.5P	19.0	0.75	32.7	1.29	29.2	1.15	52.3	2.06
K04MF1016A90-29.2MM	(L)	1/4	M16*1.5P	19.0	0.75	32.7	1.29	29.2	1.15	52.1	2.05
K04MF1018A90-31.8MM	(S)	1/4	M18*1.5P	22.0	0.87	32.7	1.29	31.8	1.25	52.3	2.06
K04MF1218A90-31.8MM	(L)	1/4	M18*1.5P	22.0	0.87	32.7	1.29	31.8	1.25	52.3	2.06
K06MF0816A90-34MM	(S)	3/8	M16*1.5P	19.0	0.75	30.3	1.19	34.0	1.34	57.5	2.26
K06MF1016A90-34MM	(L)	3/8	M16*1.5P	19.0	0.75	30.3	1.19	34.0	1.34	57.5	2.26
K06MF1018A90-36MM	(S)	3/8	M18*1.5P	22.0	0.87	30.3	1.19	36.0	1.42	57.5	2.26
K06MF1218A90-32MM	(L)	3/8	M18*1.5P	22.0	0.87	32.5	1.28	32.0	1.26	59.7	2.35
K06MF1220A90-34MM	(S)	3/8	M20*1.5P	24.0	0.94	37.3	1.47	37.0	1.46	64.5	2.54
K06MF1422A90-37MM	(S)	3/8	M22*1.5P	27.0	1.06	34.3	1.35	37.0	1.46	61.5	2.42
K06MF1522A90-37MM	(L)	3/8	M22*1.5P	27.0	1.06	34.3	1.35	37.0	1.46	61.5	2.42
K08MF1218A90-32MM	(L)	1/2	M18*1.5P	22.0	0.87	35.9	1.41	32.0	1.26	66.1	2.60
K08MF1422A90-37MM	(S)	1/2	M22*1.5P	27.0	1.06	40.8	1.61	37.0	1.46	71.0	2.80
K08MF1522A90-40MM	(L)	1/2	M22*1.5P	27.0	1.06	44.8	1.76	40.0	1.57	75.0	2.95

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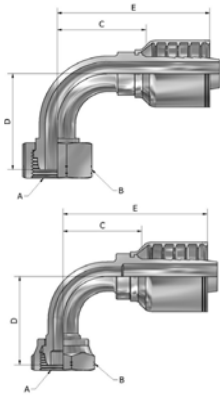


# Single & Double Wire Braid

## 90 Degree

### K Series

### MF - Metric Female Ball Nose 90° Elbow 24° Cone *Continued...*

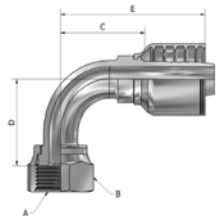


(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description											
	DIN	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length		
			A	B	C	D	E	F				
K08MF1624A90-45MM	(S)	1/2	M24*1.5P	30.0	1.18	42.2	1.66	45.0	1.77	72.4	2.85	
K08MF1826A90-42MM	(L)	1/2	M26*1.5P	32.0	1.26	43.8	1.72	42.0	1.65	74.0	2.91	
K10MF1826A90-45MM	(L)	5/8	M26*1.5P	32.0	1.26	40.3	1.59	45.0	1.77	75.6	2.98	
K10MF2030B90-48.1MM	(S)	5/8	M30*2.0P	36.0	1.42	44.6	1.76	48.1	1.89	79.9	3.15	
K10MF2536B90-59MM	(S)	5/8	M36*2.0P	46.0	1.81	55.3	2.18	59.0	2.32	90.6	3.57	
K12MF1826A90-45MM	(L)	3/4	M26*1.5P	32.0	1.26	46.3	1.82	50.3	1.98	81.7	3.22	
K12MF2030B90-56.8MM	(S)	3/4	M30*2.0P	36.0	1.42	53.3	2.10	56.8	2.24	88.7	3.49	
K12MF2230A90-56.8mm		3/4	M30*1.5P	36.0	1.42	53.3	2.1	56.8	2.24	88.7	3.49	
K12MF2230B90-56.8MM	(L)	3/4	M30*2.0P	36.0	1.42	53.3	2.10	56.8	2.24	88.7	3.49	
K12MF2536B90-60.1MM	(S)	3/4	M36*2.0P	46.0	1.81	51.3	2.02	60.1	2.37	86.7	3.41	
K16MF2836B90-69.5MM	(L)	1	M36*2.0P	46.0	1.81	65.8	2.59	69.5	2.74	106.6	4.20	
K16MF3042B90-80MM	(S)	1	M42*2.0P	50.0	1.97	65.8	2.59	80.0	3.15	106.6	4.20	
K20MF3545B90-82.9MM	(L)	1 1/4	M45*2.0P	50.0	1.97	86.7	3.41	82.9	3.26	130.4	5.13	

### K Series

### F0 - Female O-Ring Face Seal Swivel 90° Elbow



L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	C	D	E	F			
K04FO0990-21.1MM	1/4	9/16-18	17.5	0.69	25.7	1.01	21.1	0.83	46.0	1.81
K04FO0990L-46MM	1/4	9/16-18	17.5	0.69	25.7	1.01	46.0	1.81	46.0	1.81
K04FO1190-23MM	1/4	11/16-16	22.0	0.87	25.7	1.01	23.0	0.91	45.3	1.78
K04FO1190L-58MM	1/4	11/16-16	22.0	0.87	25.7	1.01	58	2.28	45.3	1.78
K06FO1190-23MM	3/8	11/16-16	22.0	0.87	30.3	1.19	23.0	0.91	57.5	2.26
K06FO1190L-54MM	3/8	11/16-16	22.0	0.87	30.3	1.19	54.0	2.13	57.5	2.26
K06FO1390-29MM	3/8	13/16-16	23.8	0.94	32.2	1.27	29.0	1.14	59.4	2.34
K06FO1390L-64MM	3/8	13/16-16	23.8	0.94	32.2	1.27	64.0	2.52	59.4	2.34
K08FO1390-29MM	1/2	13/16-16	23.8	0.94	34.8	1.37	29.0	1.14	65.0	2.56
K08FO1390L-63.8MM	1/2	13/16-16	23.8	0.94	34.8	1.37	63.8	2.51	65.0	2.56
K08FO1690-32MM	1/2	1-14	30.0	1.18	37.9	1.49	32.0	1.26	68.1	2.68
K08FO1690L-70MM	1/2	1-14	30.0	1.18	34.9	1.37	70.0	2.76	65.1	2.56

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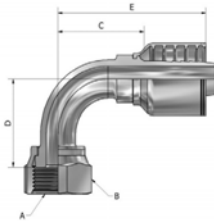


## Single & Double Wire Braid

### 90 Degree

#### K Series

### FO - Female O-Ring Face Seal Swivel 90° Elbow *Continued..*

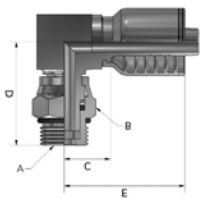


L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K08FO1990-43MM	1/2	1-3/16-12	36.0	1.42	34.8	1.37	43.0	1.69	65.0	2.56
K10FO1690-32MM	5/8	1-14	30.0	1.18	39.3	1.55	32.0	1.26	74.6	2.94
K10FO1690L-70MM	5/8	1-14	30.0	1.18	39.3	1.55	70.0	2.76	74.6	2.94
K10FO1990-48MM	5/8	1 3/16-12	36.0	1.42	45.7	1.80	48.0	1.89	81.0	3.19
K12FO1990-48MM	3/4	1 3/16-12	36.0	1.42	53.3	2.10	48.0	1.89	88.7	3.49
K12FO1990L-96MM	3/4	1 3/16-12	36.0	1.42	53.3	2.10	96.0	3.78	88.7	3.49
K12FO2390-56MM	3/4	1 7/16-12	41.0	1.61	53.3	2.10	56.0	2.20	88.7	3.49
K16FO2390-56MM	1	1 7/16-12	41.0	1.61	68.5	2.70	56.0	2.20	109.3	4.30
K16FO2390L-114MM	1	1 7/16-12	41.0	1.61	68.5	2.70	114.0	4.49	109.3	4.30
K16FO2790-75MM	1	1 11/16-12	50.0	1.97	63.8	2.51	75.0	2.95	104.6	4.12
K20FO2790-82MM	1 1/4	1 11/16-12	50.0	1.97	85.8	3.38	82.0	3.23	129.5	5.10

#### K Series

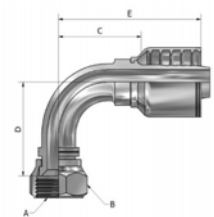
### KPSW - Male UNO 90°



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K08PSW1490B-476MM	1/2	7/8-14	25.4	1	21.5	0.85	47.6	1.87	55.7	2.20

#### K Series

### SF - SAE Female 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
K06SF1090-23MM	3/8	5/8-18	19.0	0.75	30.3	1.19	23.0	0.91	57.5	2.26
K10SF1790-45MM	5/8	1 1/16-14	32.0	1.26	48.3	1.90	46.0	1.81	83.6	3.29
K12SF1790-53MM	3/4	1 1/16-14	32.0	1.26	53.3	2.10	53.0	2.09	88.7	3.49

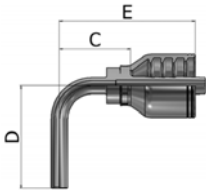


## Single & Double Wire Braid

### 90 Degree

#### K Series

#### SPM - Stand Pipe



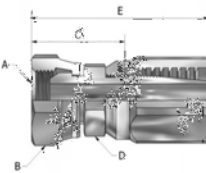
Part Number	Products Description	Tail-Growth		Drop Length		Overall Length			
		MM	Inch	MM	Inch	MM	Inch		
	Hose In-Dia	C		D		E			
K04SPM0690-37MM	1/4	31.9	1.26	37.0	1.45	52.2	2.06		

## Single & Double Wire Braid Field Attachable

### Straight

#### D Series

#### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



Part Number	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04BF02	1/4	1/8-28	14.0	0.55	26.6	1.05	14.3	0.56	55.4	2.18
D04BF04	1/4	1/4-19	19.0	0.75	29.2	1.15	14.3	0.56	58.0	2.28
D04BF06	1/4	3/8-19	22.0	0.87	34.7	1.37	17.5	0.69	63.5	2.50
D06BF06	3/8	3/8-19	22.0	0.87	39.0	1.54	17.5	0.69	69.0	2.72
D06BF08	3/8	1/2-14	27.0	1.06	42.8	1.69	22.0	0.87	72.8	2.87
D08BF06	1/2	3/8-19								
D08BF08	1/2	1/2-14	27.0	1.06	42.4	1.67	22.0	0.87	78.3	3.08
D08BF12	1/2	3/4-14	36.0	1.42	46.6	1.83	28.6	1.12	81.3	3.20
D12BF12	3/4	3/4-14	36.0	1.42	46.3	1.82	28.6	1.12	88.1	3.47
D12BF16	3/4	1-11	41.0	1.61	49.3	1.94	38.1	1.50	91.1	3.59
D16BF16	1	1-11	41.0	1.61	52.2	2.06	38.1	1.50	96.9	3.81

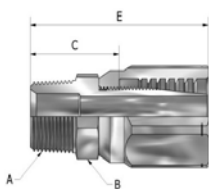
Please note tails & shells sold separately

## Single & Double Wire Braid Field Attachable

### Straight

#### D Series

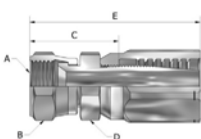
#### BM - BSP Male Taper



Part Number	Products Description								
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	Inch	
D04BM02	1/4	1/8-28	14.3	0.56	25.7	1.01	54.5	2.15	
D04BM04	1/4	1/4-19	14.3	0.56	25.7	1.01	54.5	2.15	
D04BM06	1/4	3/8-19	17.5	0.69	27.7	1.09	56.5	2.22	
D06BM06	3/8	3/8-19	17.5	0.69	32.0	1.26	62.0	2.44	
D06BM08	3/8	1/2-14	23.8	0.94	36.5	1.44	66.5	2.62	
D08BM06	1/2	3/8-19	22.0	0.87			71.5	2.81	
D08BM08	1/2	1/2-14	23.8	0.94	36.1	1.42	72.0	2.83	
D08BM12	1/2	3/4-14							
D12BM12	3/4	3/4-14	28.6	1.12	41.6	1.64	83.4	3.28	
D16BM16	1	1-11	38.1	1.50	52.2	2.06	96.9	3.81	

#### D Series

#### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
D04JF07	1/4	7/16-20	14.3	0.56	28.3	1.11	14.3	0.56	57.1	2.25
D04JF09	1/4	9/16-18	17.5	0.69	30.5	1.20	14.3	0.56	59.3	2.33
D06JF09	3/8	9/16-18	17.5	0.69	37.4	1.47	17.5	0.69	67.4	2.65
D06JF12	3/8	3/4-16	22.2	0.87	40.3	1.59	22.2	0.87	70.3	2.77
D06JF14	3/8	7/8-14	25.4	1.00	42.9	1.69	22.2	0.87	72.9	2.87
D08JF12	1/2	3/4-16	22.2	0.87	39.9	1.57	22.2	0.87	75.8	2.98
D08JF14	1/2	7/8-14	25.4	1.00	42.5	1.67	25.4	1.00	78.4	3.09
D08JF17	1/2	1-1/16-12	31.8	1.25	43.9	1.73	27.0	1.06	79.8	3.14
D10JF14	5/8	7/8-14	25.4	1.00	41.3	1.63	25.4	1.00	80.0	3.15
D10JF17	5/8	1 1/16-12								
D12JF17	3/4	1 1/16-12	31.8	1.25	45.6	1.80	31.8	1.25	87.4	3.44
D12JF21	3/4	1 5/16-12	38.1	1.50	47.4	1.87	38.1	1.50	89.5	3.52
D16JF21	1	1 5/16-12	38.1	1.50	51.7	2.04	38.1	1.50	96.4	3.80

Please note tails & shells sold separately

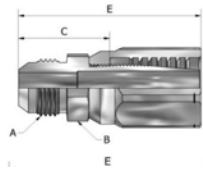


# Single & Double Wire Braid Field Attachable

## Straight

### D Series

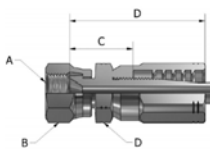
### JM - JIC Male 37° Straight



Part Number	Products Description								
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	
		A	B		C		E		
D04JM07	1/4	7/16-20	14.3	0.56	25.7	1.01	54.5	2.15	
D04JM09	1/4	9/16-18	15.9	0.62	25.8	1.02	54.6	2.15	
D06JM09	3/8	9/16-18	19.0	0.75	32.7	1.29	62.7	2.47	
D06JM12	3/8	3/4-16	20.6	0.81	35.2	1.39	65.2	2.57	
D08JM12	1/2	3/4-16	22.2	0.87	34.8	1.37	70.7	2.78	
D08JM14	1/2	7/8-14	23.8	0.94	37.4	1.47	73.3	2.89	
D12JM17	3/4	1 1/16-12	28.6	1.12	41.8	1.65	83.6	3.29	

### D Series

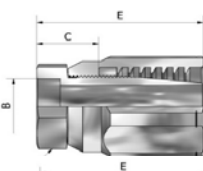
### IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D06IBF06	3/8	3/8-19	22.0	0.87			22.0	0.87		

### D Series

### LS - Life Saver



Part Number	Products Description									
	Hose In-Dia	Nipple Hex		In-Dia		Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A		B		C		E		
D04LS04	1/4	14.0	0.55	6.35	0.25	11.8	0.46	40.6	1.60	
D06LS06	3/8	13.7	0.54	9.5	0.37	9.5	0.37	40.9	1.61	
D08LS08	1/2	20.6	0.81	12.6	0.81	19.3	0.76	54.0	2.13	
D10LS10	5/8	23.8	0.94	16.15	0.64	18.9	0.74	57.6	2.27	
D12LS12	3/4	27.0	1.06	19.4	0.76	19.7	0.77	61.8	2.43	
D16LS16	1	35.0	1.38	25.7	1.01	26.5	1.04	71.2	2.80	

Please note tails & shells sold separately

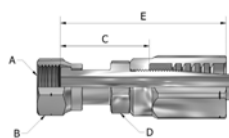


## Single & Double Wire Braid Field Attachable

### Straight

#### D Series

#### FO - ORFS Female



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04F009	1/4	9/16								
D06F011	3/8	11/16	22.0	0.86	17.5	0.69	17.46	0.69	69.7	2.74
D08F013	1/2	13/16	23.8	0.94	22.0	0.86	22	0.87	81.5	3.21

#### D Series

#### SF - SAE Female Straight

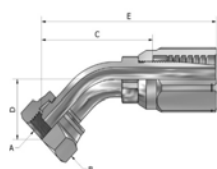


Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D06SF10	3/8	5/8-18	19.0	0.75						

### 45 Degree

#### D Series

#### BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
D04BF0445	1/4	1/4-19	19.0	0.75	40.1	1.58	19.7	0.78	68.9	2.71
D04BF0645	1/4	3/8-19	22.0	0.87	42.7	1.68	22.2	0.87	71.5	2.81
D06BF0645	3/8	3/8-19	22.0	0.87	50.5	1.99	22.2	0.87	80.5	3.17
D06BF0845	3/8	1/2-14	27.0	1.06	57.9	2.28	28.8	1.13	87.9	3.46
D08BF0845	1/2	1/2-14	27.0	1.06	58.9	2.32	28.0	1.10	94.8	3.73
D12BF1245	3/4	3/4-14	36.0	1.42	73.1	2.88	35.4	1.39	114.9	4.52
D16BF1645	1	1-11	41.0	1.61	88.4	3.48	40.4	1.59	133.1	5.24

Please note tails & shells sold separately

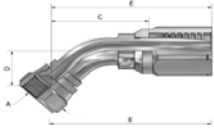


## Single & Double Wire Braid Field Attachable

### 45 Degree

#### D Series

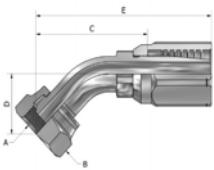
#### JF - JIC Female 37° Swivel 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
D04JF0745	1/4	7/16-20	14.3	0.56	30.4	1.20	10.0	0.39	59.2	2.33
D04JF0945	1/4	9/16-18	17.5	0.69	31.4	1.24	11.0	0.43	60.2	2.37
D06JF0945	3/8	9/16-18	17.5	0.69	39.3	1.55	11.0	0.43	69.3	2.73
D06JF1245	3/8	3/4-16	22.2	0.87	42.3	1.67	14.0	0.55	72.3	2.85
D08JF1245	1/2	3/4-16	22.2	0.87	46.0	1.81	15.0	0.59	81.9	3.22
D08JF1445	1/2	7/8-14	25.4	1.00	48.0	1.89	17.0	0.67	83.9	3.30
D12JF1745	3/4	1 1/16-12	31.8	1.25	75.0	2.95	27.0	1.06	116.8	4.60
D16JF2145	1	1 5/16-12	38.1	1.50	80.9	3.19	33.0	1.30	125.6	4.94

#### D Series

#### FO - ORFS Female 45° Elbow

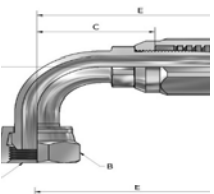


Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
D06FO1145	3/8	11/6-16	22.0	0.87	41.6	1.64	11.0	0.43	72.6	2.86
D08FO1345	1/2	13/16-16	23.8	0.94	47.3	1.86	15.0	0.59	83.2	3.28

### 90 Degree

#### D Series

#### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
D04BF0490-29MM	1/4	1/4-19	19.0	0.75	25.7	1.01	34.2	1.35	54.5	2.15
D04BF0690-33MM	1/4	3/8-19	22.0	0.87	28.7	1.13	40.4	1.59	57.5	2.26
D06BF0690-33MM	3/8	3/8-19	22.0	0.87	40.9	1.61	40.4	1.59	70.9	2.79
D06BF0890-41MM	3/8	1/2-14	27.0	1.06	37.9	1.49	50.6	1.99	67.9	2.67
D08BF0890-41MM	1/2	1/2-14	27.0	1.06	42.1	1.66	50.7	2.00	78.0	3.07

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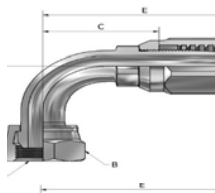
Please note tails & shells sold separately

## Single & Double Wire Braid Field Attachable

### 90 Degree

#### D Series

#### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone *Continued...*

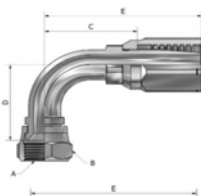


L = Long Drop

Part Number	Products Description										
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E			
D08BF0890L	1/2	1/2-14									
D12BF1290-55MM	3/4	3/4-14	36.0	1.42	55.3	2.18	64.0	2.52	97.1	3.82	
D16BF1690-73.5MM	1	1-11	41.0	1.61	70.2	2.76	84.0	3.31	114.9	4.52	

#### D Series

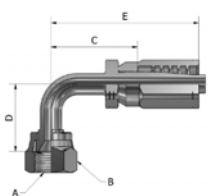
#### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
D04JF0790-21MM	1/4	7/16-20	14.3	0.56	25.7	1.01	21.0	0.83	54.5	2.15
D04JF0990-22MM	1/4	9/16-18	17.5	0.69	28.7	1.13	22.0	0.87	57.5	2.26
D06JF0990-23MM	3/8	9/16-18	17.5	0.69	38.9	1.53	23.0	0.91	68.9	2.71
D06JF1290-28MM	3/8	3/4-16	22.2	0.87	38.9	1.53	28.0	1.10	68.9	2.71
D08JF1290-31MM	1/2	3/4-16	22.2	0.87	45.1	1.78	31.0	1.22	81.0	3.19
D08JF1290-41MM	1/2	3/4-16	22.2	0.87	45.1	1.78	31.0	1.22	81.0	3.19
D08JF1490-31MM	1/2	7/8-14	25.4	1.00	45.1	1.78	31.0	1.22	81.0	3.19
D10JF1490-34MM	5/8	7/8-14	25.4	1.00	47.3	1.86	34.0	1.34	86.0	3.39
D12JF1790-53MM	3/4	1 1/16-12	31.8	1.25	60.3	2.37	53.0	2.09	102.1	4.02
D16JF2190-70MM	1	1 5/16-12	38.1	1.50	70.2	2.76	70.0	2.76	114.9	4.52

#### D Series

#### IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
D06IBF0690-33MM	3/8	3/8-19	22.0	0.87	42.5	1.67	33.0	1.30	72.5	2.85

Please note tails & shells sold separately

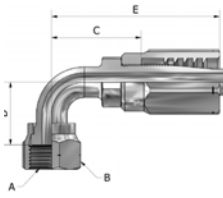


## Single & Double Wire Braid Field Attachable

### 90 Degree

#### D Series

#### FO - Female O-Ring Face Seal Swivel 90° Elbow

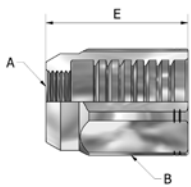


Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
D06FO1190-23MM	3/8	11/16-16	22.0	0.87	38.9	1.53	23.0	0.91	68.9	2.71
D08FO1390-29MM	1/2	13/16	23.8	0.94	41.8	1.64	29.0	1.14	77.0	3.03

### Shell (Field Attachable)

#### D Series

#### D1 /D2 - Reuseable shells to suit 100R1 & 100R2 & 100R17



Part Number	Products Description		
	Nipple Hex		
	MM	Inch	
D1-04	19.0	0.74	To suit Taipan SAE100R1
D1-06	22.1	0.87	To suit Taipan SAE100R1
D1-08	27.0	1.06	To suit Taipan SAE100R1
D1-12	30.0	1.18	To suit Taipan SAE100R1
D1-16	35.0	1.37	To suit Taipan SAE100R1
D2-04	20.0	0.78	To suit Taipan SAE100R2, SAE100R2GP
D2-06	24.0	0.94	To suit Taipan SAE100R2, SAE100R2GP
D2-08	27.0	1.06	To suit Taipan SAE100R2, SAE100R2GP
D2-10	31.75	1.25	To suit Taipan SAE100R2, SAE100R2GP
D2-12	35.0	1.37	To suit Taipan SAE100R2, SAE100R2GP
D2-16	43.0	1.69	To suit Taipan SAE100R2, SAE100R2GP
D17-06	22.2	0.87	To suit Taipan SAE100R17

Please note tails & shells sold separately

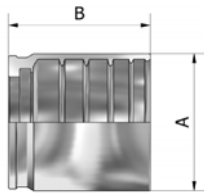


## Single & Double Wire Braid Two Piece

### Shells

#### G Series

#### GN - 100R2 Shells



Part Number	Products Description	
	Hose In-Dia	
GN2-04	1/4	
GN2-05	5/16	
GN2-06	3/8	
GN2-08	1/2	
GN2-10	5/8	
GN2-12	3/4	
GN2-16	1	
GN2-20	1 1/4	

*Note : No crimp dimensions available. For use at customers own risk.*



## Suction Hose Low Pressure

### Straight

#### Suction Tails

#### BSPP Female Swivel x Low Pressure Hose Tail



Part Number	Products Description		
	BSPP F S/W	L/P Hose Tail	
QAAX16	1	1	

#### Suction Tails

#### BSP Parallel Male x Low Pressure Hose Tail



Part Number	Products Description		
	BSPP M	L/P Hose Tail	
QADX12	3/4	3/4	
QADX1216	3/4	1	
QADX16	1	1	
QADX1620	1	1 1/4	
QADX1624	1	1 1/2	
QADX20	1 1/4	1 1/4	
QADX2024	1 1/4	1 1/2	
QADX24	1 1/2	1 1/2	
QADX32	2	2	

#### Suction Tails

#### BSPT Male x Low Pressure Hose Tail



Part Number	Products Description		
	BSPT M	L/P Hose Tail	
QAEX08	1/2	1/2	
QAEX0812	1/2	3/4	
QAEX12	3/4	3/4	
QAEX1216	3/4	1	
QAEX1220	3/4	1 1/4	
QAEX16	1	1	
QAEX1612	1	3/4	
QAEX1614	1	7/8	
QAEX1618	1	1 1/8	
QAEX1620	1	1 1/4	
QAEX1624	1	1 1/2	
QAEX20	1 1/4	1 1/4	

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## Suction Hose Low Pressure

### Straight

#### Suction Tails

#### BSPT Male x Low Pressure Hose Tail *Continued...*



Part Number	Products Description		
	BSPT M	L/P Hose Tail	
QAEX2014	1 1/4	7/8	
QAEX2016	1 1/4	1	
QAEX2018	1 1/4	1 1/8	
QAEX2022	1 1/4	1 3/8	
QAEX2024	1 1/4	1 1/2	
QAEX24	1 1/2	1 1/2	
QAEX2418	1 1/2	1 1/8	
QAEX2420	1 1/2	1 1/4	
QAEX2422	1 1/2	1 3/8	
QAEX2432	1 1/2	2	
QAEX32	2	2	
QAEX3224	2	1 1/2	
QAEX3229	2	1 13/16	

#### Suction Tails

#### Code 61 Flange x Low Pressure Hose Tail



Part Number	Products Description		
	C61 Flange	L/P Hose Tail	
QAFX24	1 1/2	1 1/2	
QAFX32	2	2	
QAFX4032	2 1/2	2	

#### Suction Tails

#### NPT Male x Low Pressure Hose Tail



Part Number	Products Description		
	NPT M	L/P Hose Tail	
QAUX20	1 1/4	1 1/4	
QAUX24	1 1/2	1 1/2	
QAUX32	2	2	
QAUX3224	2	1 1/2	
QAUX3236	2	2 1/4	



## Suction Hose Low Pressure

### Straight

#### Suction Tails

#### UNO Male x Low Pressure Hose Tail

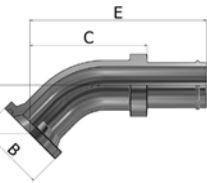


Part Number	Products Description		
	UNO M	L/P Hose Tail	
QAPX1716	1 1/16	1	
QAPX1720	1 1/16	1 1/4	
QAPX2116	1 5/16	1	
QAPX2120	1 5/16	1 1/4	
QAPX2124	1 5/16	1 1/2	
QAPX2620	1 5/8	1 1/4	
QAPX2624	1 5/8	1 1/2	
QAPX3024	1 7/8	1 1/2	

### 45 Degree

#### Suction Tails

#### Code 61 Flange x Low Pressure Hose Tail - 45°



Part Number	Products Description		
	C61 Flange	L/P Hose Tail	
QETFX242445	1 1/2	1 1/2	
QETFX323245	2	2	
QETFX403245	2 1/2	2	

### 90 Degree

#### Suction Tails

#### BSPP Female Swivel x Low Pressure Hose Tail - 90°



Part Number	Products Description		
	BSPP F S/W	L/P Hose Tail	
QEBAX16	1	1	



## Suction Hose Low Pressure

### 90 Degree

#### Suction Tails

#### BSPP Male x Low Pressure Hose Tail - 90°



Part Number	Products Description		
	BSPP M	L/P Hose Tail	
QEBDX12	3/4	3/4	
QEBDX1216	3/4	1	
QEBDX16	1	1	
QEBDX1620	1	1 1/4	
QEBDX1624	1	1 1/2	
QEBDX20	1 1/4	1 1/4	
QEBDX2024	1 1/4	1 1/2	
QEBDX24	1 1/2	1 1/2	

#### Suction Tails

#### BSPT Male x Low Pressure Hose Tail - 90°



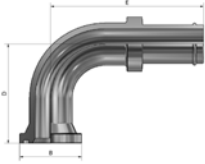
Part Number	Products Description		
	BSPT M	L/P Hose Tail	
QEBEX0812	1/2	3/4	
QEBEX12	3/4	3/4	
QEBEX1216	3/4	1	
QEBEX16	1	1	
QEBEX1614	1	7/8	
QEBEX1620	1	1 1/4	
QEBEX1624	1	1 1/2	
QEBEX20	1 1/4	1 1/4	
QEBEX2016	1 1/4	1	
QEBEX2018	1 1/4	1 1/8	
QEBEX2024	1 1/4	1 1/2	
QEBEX2032	1 1/4	2	
QEBEX24	1 1/2	1 1/2	
QEBEX2420	1 1/2	1 1/4	
QEBEX2432	1 1/2	2	
QEBEX32	2	2	

## Suction Hose Low Pressure

### 90 Degree

#### Suction Tails

#### Code 61 Flange x Low Pressure Hose Tail - 90°



Part Number	Products Description			
	C61 Flange	L/P Hose Tail	Drop Length	
QETFX2020-82MM	1 1/4	1 1/4	82.0mm	
QETFX2424-104MM	1 1/2	1 1/2	104.0mm	
QETFX2432-104MM	1 1/2	2	104.0mm	
QETFX3232-114MM	2	2	114.0mm	
QETFX4032-125MM	2 1/2	2	125.0mm	
QETFX4040-135MM	2 1/2	2 1/2	135.0mm	

#### Suction Tails

#### UNO Male x Low Pressure Hose Tail - 90°



Part Number	Products Description		
	UNO M	L/P Hose Tail	
QEBPX1712	1 1/16	3/4	
QEBPX1716	1 1/16	1	
QEBPX2116	1 5/16	1	
QEBPX2120	1 5/16	1 1/4	
QEBPX2124	1 5/16	1 1/2	
QEBPX2620	1 5/8	1 1/4	
QEBPX2624	1 5/8	1 1/2	
QEBPX3024	1 7/8	1 1/2	

### Tee Piece

#### Suction Tails

#### Low Pressure Hose Tail x Low Pressure Hose Tail x BSPP F S/W - Branch Tee



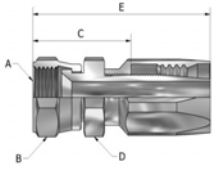
Part Number	Products Description			
	(1) L/P Tail	(2) L/P Tail	(3) BSPP F	
QTEXXA16	1	1	1	

# SAE100R5 Field Attachable

## Straight

### DF Series

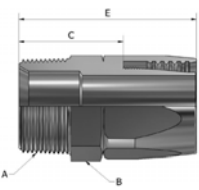
### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
DF04JF07	3/16	7/16-20	14.3	0.56	30.9	1.22	14.3	0.56	49.9	1.96
DF05JF08	1/4	1/2-20	15.9	0.62	33.4	1.31	17.5	0.69	54.5	2.15
DF05JF09	1/4	9/16-18	17.5	0.69	33.6	1.32	17.5	0.69	54.7	2.15
DF06JF09	5/16	9/16-18	17.5	0.69	34.2	1.35	17.5	0.69	57.2	2.25
DF06JF12	5/16	3/4-16	22.2	0.87	40.1	1.58	22.2	0.87	63.1	2.48
DF08JF12	13/32	3/4-16	22.2	0.87	42.8	1.69	22.2	0.87	71.8	2.83
DF08JF14	13/32	7/8-14	25.4	1.00	45.4	1.79	25.4	1.00	74.4	2.93
DF10JF12	1/2	3/4-16	22.2	0.87	42.8	1.69	22.2	0.87	75.3	2.96
DF10JF14	1/2	7/8-14	25.4	1.00	46.4	1.83	25.4	1.00	78.9	3.11
DF10JF17	1/2	1 1/16-12								
DF12JF14	5/8	7/8-14	25.4	1.00	46.9	1.85	25.4	1.00	86.9	3.42
DF12JF17	5/8	1 1/16-12	32.0	1.26	89.6	3.53	31.8	1.25	89.6	3.53
DF16JF21	7/8	1 5/16-12	38.0	1.50	48.5	1.91	38.0	1.50	80.5	3.17
DF20JF26	1 1/8	1 5/8-12	50.0	1.97	58.0	2.28	41.0	1.61	92.5	3.64
DF24JF30	1 3/8	1 7/8-12	55.0	2.17	60.6	2.39	46.0	1.81	97.6	3.84
DF32JF40	1 13/16	2 1/2-12	73.0	2.87	84.5	3.33	63.5	2.50	131.0	5.16

### DF Series

### NM - Taper Male NPT Straight



Part Number	Products Description									
	Hose In-Dia	Thread NPT								
DF04NM02	3/16	1/8-27								
DF04NM04	3/16	1/4-18								
DF06NM06	5/16	3/8-18								
DF08NM08	13/32	1/2-14								
DF10NM08	1/2	1/2-14								
DF12NM12	5/8	3/4-14								
DF16NM16	7/8	1-11.5								
DF20NM20	1 1/8	1 1/4-11.5								
DF24NM24	1 3/8	1 1/2-11.5								
DF32NM32	1 13/16	2-11.5								

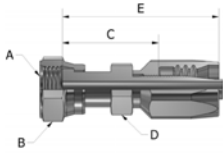


# SAE100R5 Field Attachable

## Straight

### DF Series

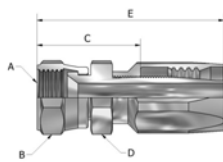
### FO - Female O-Ring Face Seal Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06FO11	5/16	11/16-16	22.0	0.86	36.8	1.44	17.46	0.68	59.8	2.35
DF08FO13	13/32	13/16-16								

### DF Series

### SF - SAE Female Straight

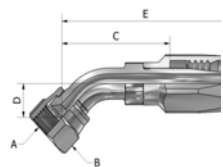


Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06SF10	5/16	5/8-18								
DF12SF17	5/8	1 1/16-14								

## 45 Degree

### DF Series

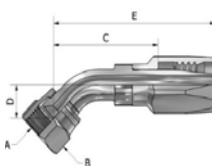
### JF - JIC Female 37° Swivel 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF04JF0745	3/16	7/16-20	14.3	0.56	34.2	1.35	10.0	0.39	53.2	2.09
DF06JF0945	5/16	9/16-18	17.5	0.69	39.8	1.57	11.0	0.43	62.8	2.47
DF08JF1245	13/32	3/4-16	22.2	0.87	52.9	2.08	15.0	0.59	81.9	3.22
DF10JF1445	1/2	7/8-14								
DF12JF1745	5/8	1 1/6-12	32.0	1.26	71.7	2.82	27.0	1.06	111.7	4.40
DF16JF2145	7/8	1 5/16-12	38.1	1.50	78.7	3.10	33.0	1.30	110.7	4.36
DF20JF2645	1 1/8	1 5/8-12	50.0	1.97	103.1	4.06	45.0	1.77	137.6	5.42

### DF Series

### SF - SAE Female 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
DF06SF1045	3/8	5/8-18	19	0.75	42.8	1.68	11	0.43	65.8	2.59

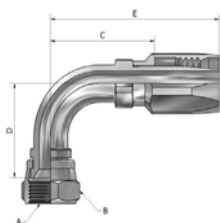


## SAE100R5 Field Attachable

### 90 Degree

#### DF Series

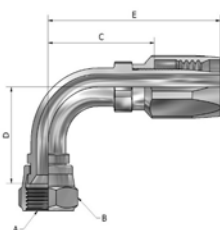
#### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
DF04JF0790-21MM	3/16	7/16-20	14.3	0.56	29.5	1.16	21.0	0.83	48.5	1.91
DF06JF0990-23MM	5/16	9/16-18	17.5	0.69	39.4	1.55	23.0	0.91	62.4	2.46
DF08JF1290-31MM	13/32	3/4-16	22.2	0.87	49.0	1.93	31.0	1.22	78.0	3.07
DF08JF1490-34MM	13/32	7/8-14	25.4	1.00	51.0	2.01	34.0	1.34	80.0	3.15
DF10JF1490-34MM	1/2	7/8-14	25.4	1.00	51.0	2.01	34.0	1.34	83.5	3.29
DF12JF1790-53MM	5/8	1 1/16-12	31.8	1.25	64.3	2.53	53.0	2.09	104.3	4.11
DF16JF2190-70MM	7/8	1 5/16-12	38.1	1.50	67.0	2.64	70.0	2.76	99.0	3.90
DF20JF2690-85MM	1 1/8	1 5/8-12	50.0	1.97	84.5	3.33	85.0	3.35	119.0	4.69
DF24JF3090-110MM	1 3/8	1 7/8-12	55.0	2.16	101	3.97	110.0	4.33	138.0	5.43
DF32JF4090-136MM	1 13/32	2 1/2-12	73.0	2.87	133.5	5.25	136.0	5.35	180.0	7.08

#### DF Series

#### SF - SAE Female 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
DF06SF1090-23MM	3/8	5/8-18	19.0	0.75	39.4	1.55	23.0	0.90	63.9	2.52
DF12SF1790-53MM	3/4	1 1/16-14	32.0	1.26	64.3	2.53	53.0	2.08	104.3	4.10



## SAE100R5 Crimp Hose Tails

### Straight

#### F Series

#### JF - JIC Female 37° Swivel Straight



Part Number	Products Description				
	Hose In-Dia	Thread UNF	Nut Hex		
		A	MM	Inch	
F04JF07	3/16	7/16-20	14.3	0.56	
F05JF07	1/4	7/16-20	14.3	0.56	
F05JF09	1/4	9/16-18	17.5	0.68	
F08JF12	13/32	3/4-16	22.2	0.87	
F08JF14	13/32	7/8-14	25.4	1.00	
F10JF09	1/2	9/16-18	17.5	0.68	
F10JF12	1/2	3/4-16	22.2	0.87	
F10JF14	1/2	7/8-14	25.4	1.00	
F12JF14	5/8	7/8-14	25.4	1.00	
F12JF17	5/8	1 1/16-12	31.8	1.25	
F16JF17	7/8	1 1/16-12	31.8	1.25	
F16JF21	7/8	1 5/16-12	38.0	1.49	
F24JF30	1 3/8	1 7/8-12	55.0	2.16	

#### F Series

#### NM - Taper Male NPT Straight



Part Number	Products Description				
	Hose In-Dia	Thread NPT	Nipple Hex		
		A	MM	Inch	
F04NM02	3/16	1/8	14.3		

#### F Series

#### BF - BSP Female Parallel Swivel Straight 60° Cone



Part Number	Products Description				
	Hose In-Dia	Thread BSP	Nut Hex		
		A	MM	Inch	
F05BF04	1/4	1/4	19.0		
F10BF08	1/2	1/2	27.0		
F16BF12	7/8	3/4	32.0		
F20BF20	1 1/8	1 1/4	50.0		
F24BF24	1 3/8	1 1/2	60.0		

## SAE100R5 Crimp Hose Tails

### Straight

#### F Series

#### BM - BSP Male Taper



Part Number	Products Description				
	Hose In-Dia	Thread BSP	Nut Hex		
			MM	Inch	
		A	B		
F05BM04	1/4	1/4	14.3		
F08BM08	13/32	1/2	27.0		
F10BM06	1/2	3/8	22.0		
F10BM08	1/2	1/2	27.0		
F16BM12	7/8	3/4	36.0		
F16BM16	7/8	1	41.0		
F20BM20	1 1/8	1 1/4	50.0		
F24BM24	1 3/8	1 1/2	60.0		

### 45 Degree

#### F Series

#### JF - JIC Female 37° S/W 45° Elbow



Part Number	Products Description				
	Hose In-Dia	Thread UNF	Nipple Hex		
			MM	Inch	
		A	B		
F10JF1245	1/2	3/4-16	22.2		

### 90 Degree

#### F Series

#### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Drop length		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
F08JF1490-31MM	13/32	7/8-14	25.4	1.00			31.0	1.22		
F10JF0990-25.6MM	1/2	9/16-18	17.5	0.68			25.6	1.01		
F10JF1290-31MM	1/2	3/4-16	22.2	0.87			31.0	1.22		
F10JF1490-31MM	1/2	7/8-14	25.4	1.00			31.0	1.22		
F16JF2190-56MM	7/8	1 5/16-12	38.0	1.49			56.0	2.20		

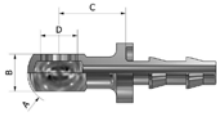


# SAE100R6 Textile Braid

## Straight

### H Series

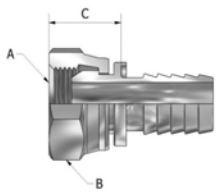
### MBJ - Banjo Straight



Part Number	Products Description								
	Hose In-Dia	Banjo		Nipple Hex		Tail-Growth		Overall Length	
MM		MM	Inch	MM	Inch	MM	Inch		
A		B		C		E			
H04MBJ10	1/4	10.0			18.0	0.71	42.4	1.67	
H04MBJ12	1/4	12.0			21.0	0.83	45.4	1.78	
H06MBJ16	3/8	16.0			24.8	0.97	52.1	2.05	

### H Series

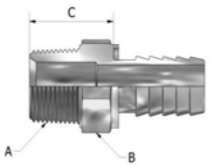
### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



Part Number	Products Description							
	Hose In-Dia	Thread PF		Nut Hex		Tail-Growth		Nipple Hex
		MM	Inch	MM	Inch	MM	Inch	
A		B		C				
H04BF02	1/4	1/8-28	14.0	0.55	17.4	0.69		
H04BF04	1/4	1/4-19	19.0	0.75	20.0	0.79		
H06BF06	3/8	3/8-19	22.0	0.87	23.8	0.94		
H06BF08	3/8	1/2-14	27.0	1.06	23.4	0.92		
H08BF08	1/2	1/2-14	27.0	1.06	26.9	1.06		
H10BF08	5/8	1/2-14	27.0	1.06	26.9	1.06		
H12BF12	3/4	3/4-14	32.0	1.26	29.0	1.14		
H16BF16	1	1-11	41.0	1.61	30.8	1.21	39.0	1.54

### H Series

### BM - BSP Male Taper



Part Number	Products Description							
	Hose In-Dia	Thread PT		Nipple Hex		Tail-Growth		Overall Length
		MM	Inch	MM	Inch	MM	Inch	
A		B		C				
H04BM02	1/4	1/8-28	17.0	0.67	17.3	0.68		
H04BM04	1/4	1/4-19	17.0	0.67	21.0	0.826	45.4	1.79
H06BM04	3/8	1/4-19	19.0	0.75	22.7	0.89		
H06BM06	3/8	3/8-19	19.0	0.75	24.2	0.95		
H06BM08	3/8	1/2-14	19.0	0.75	26.0	1.02	51.1	2.01
H08BM06	1/2	3/8-19	23.8	0.94	24.2	0.95		
H08BM08	1/2	1/2-14	23.8	0.94	27.7	1.09		
H12BM12	3/4	3/4-14	30.0	1.18	34.3	1.35		

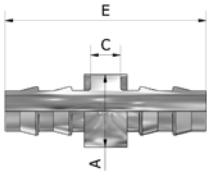


# SAE100R6 Textile Braid

## Straight

### H Series

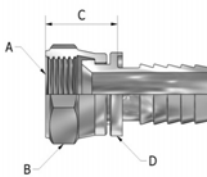
### HJ - Hose Joiner



Part Number	Products Description							
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length	
			MM	Inch	MM	Inch	MM	Inch
		A	B		C			
H08HJ08	1/2				13.6	0.54	64	252

### H Series

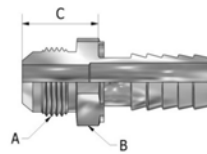
### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D			
H04JF07	1/4	7/16-20	14.3	0.56	19.1	0.75	16.0	0.63		
H04JF09	1/4	9/16-18	17.5	0.69	21.3	0.84	16.0	0.63		
H05JF08	5/16	1/2-20	15.9	0.63	20.1	0.79	17.2	0.68	39.3	1.55
H05JF09	5/16	9/16-18	17.46	0.68	21.7	0.85	17.2	0.68	40.05	1.59
H06JF09	3/8	9/16-18	17.5	0.69	21.5	0.85	19.0	0.75		
H06JF12	3/8	3/4-16	22.2	0.87	24.5	0.96	19.0	0.75	40.5	1.59
H06JF12B (Brass)	3/8	3/4-16	22.2	0.87	24.4	0.96	19.0	0.75	40.5	1.59
H08JF12	1/2	3/4-16	22.2	0.87	24.4	0.96	23.0	0.91		
H08JF12B (Brass)	1/2	3/4-16	22.2	0.87	24.4	0.96	23.0	0.91		
H08JF14	1/2	7/8-14	25.4	1.00	27.1	1.07	23.0	0.91		
H10JF14	5/8	7/8-14	25.4	1.00	27.1	1.07	26.0	1.02		
H12JF14	3/4	7/8-14	25.4	1.00	27.5	1.08	30.0	1.18		
H12JF17	3/4	1 1/16-12	32.0	1.26	28.8	1.13	30.0	1.18		
H12JF17B (Brass)	3/4	1 1/16-12	32.0	1.26	28.8	1.13	30.0	1.18		
H16JF21	1	1 5/16-12	38.0	1.49	30.3	1.19	39.0	1.54	67.2	2.65

### H Series

### JM - JIC Male 37° Straight



Part Number	Products Description					
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth	
			MM	Inch	MM	Inch
		A	B		C	
H06JM09	3/8	9/16-18	19.0	0.74	23.8	0.93
H06JM12	3/8	3/4-16	20.6	0.81	26.4	1.04
H08JM12	1/2	3/4-16	23.8	0.94	26.4	1.04
H10JM14	5/8	7/8-14	25.4	1	27.3	1.075

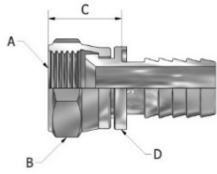


## SAE100R6 Textile Braid

### Straight

#### H Series

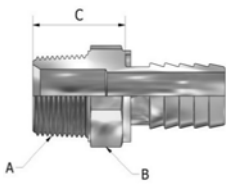
#### SF - SAE Female Straight



Part Number	Products Description							
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Overall Length	
			MM	Inch	MM	Inch	MM	Inch
		A	B		C			
H06SF10	3/8	5/8-18	19.0	0.75	22.0	0.87	19.0	0.75

#### H Series

#### NM - NPT Male Taper

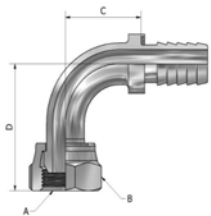


Part Number	Products Description							
	Hose In-Dia	Thread NPTF	Nut Hex		Tail-Growth		Overall Length	
			MM	Inch	MM	Inch	MM	Inch
		A	B		C			
H04NM04	1/4	1/4-18	17.0	0.66	21.7	0.85	46.1	1.81
H06NM06	3/8	3/8-18	19.0	0.74	24.4	0.96	51.5	2.03

### 90 Degree

#### H Series

#### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



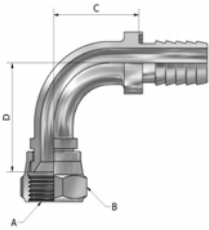
Part Number	Products Description							
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop	
			MM	Inch	MM	Inch	MM	Inch
		A	B		C		D	
H04BF0490-29MM	1/4	1/4-19	19.0	0.75	21.5	0.85	34.2	1.35
H06BF0690-33MM	3/8	3/8-19	22.0	0.87	25.5	1.00	40.4	1.59
H08BF0890-40.9MM	1/2	1/2-14	27.0	1.06	32.1	1.26	50.6	1.99
H12BF1290-55MM	3/4	3/4-14	32.0	1.26	42.0	1.65	64.0	2.52

# SAE100R6 Textile Braid

## 90 Degree

H Series

### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description								
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		
		A	B	MM	Inch	MM	Inch	MM	Inch
H04JF0790-21MM	1/4	7/16-20	14.3	0.56	21.5	0.85	21.0	0.83	
H04JF0990-22MM	1/4	9/16-18	17.5	0.69	21.5	0.85	22.0	0.87	
H06JF0990-23MM	3/8	9/16-18	17.5	0.69	25.5	1.00	23.0	0.91	
H06JF1290-28MM	3/8	3/4-16	22.2	0.87	25.5	1.00	28.0	1.10	
H08JF1290-31MM	1/2	3/4-16	22.2	0.87	32.1	1.26	31.0	1.22	
H08JF1490-32.5MM	1/2	7/8-14	25.4	1.00	32.1	1.26	32.5	1.28	
H10JF1490-34MM	5/8	7/8-14	25.4	1.00			34.0	1.33	
H12JF1790-53MM	3/4	1 1/16-12	32.0	1.26	46.0	1.81	53.0	2.09	

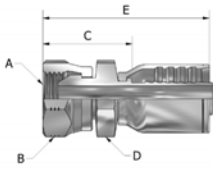
HOSE TAILS  
H Series

# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## Straight

### J Series

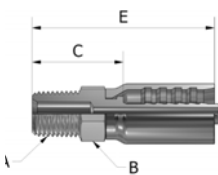
### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



Part Number	Products Description									
	Hose In-Dia	Thread BSP	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
J02BF02	1/8	1/8-28	14.0	0.55						
J02BF04	1/8	1/4-19	19.0	0.74						
J04BF04	1/4	1/4-19	19.0	0.74						
J06BF06	3/8	3/8-19	22.0	0.87						
J08BF08	1/2	1/2-14	27.0	1.06	34.8	1.37	22.0	0.87	65.5	2.58

### J Series

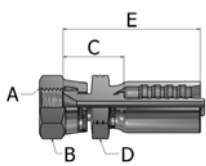
### BM - BSPT Male Straight



Part Number	Products Description						
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall Length
			MM	Inch	MM	Inch	MM
		A	B		C		E
J04BM04	1/4	1/4-19	14.3	0.56			
J06BM06	3/8	3/8-19	22.0	0.87			
J06BM08	3/8	1/2-14	28.6	1.12	33.3	1.31	60.7 2.38
J08BM08	1/2	1/2-14	27.0	1.06	33.2	1.31	63.9 2.51

### J Series

### IBF - JIS (BSP) Female Parallel Pipe Swivel Straight 30° Flare



Part Number	Products Description									
	Hose In-Dia	Thread BSP	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
J04IBF04	1/4	1/4-19	19.0	0.75			19.0	0.75		

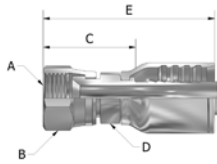


# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## Straight

### J Series

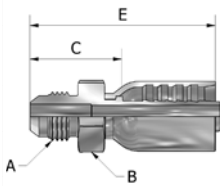
### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
J02JF07	1/8	7/16-20	14.3	0.56						
J03JF07	3/16	7/16-20	14.3	0.56						
J04JF07	1/4	7/16-20	14.3	0.56						
J04JF09	1/4	9/16-18	17.5	0.69						
J06JF09	3/8	9/16-18	17.5	0.69	30.5		17.46			49.6
J06JF12	3/8	3/4-16	22.2	0.87	33.5		17.46			51.2
J08JF12	1/2	3/4-16	22.2	0.87	23.9		17.46			54.6
J08JF14	1/2	7/8-14	25.4	1.0	26.0		22.0			56.7

### J Series

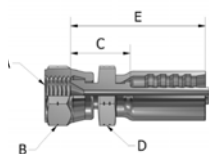
### JM - JIC Male 37° Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D			
J04JM07	1/4	7/16-20								
J04JM09	1/4	9/16-18			25.8		14.3			52.4
J06JM09	3/8	9/16-18								
J06JM12	3/8	3/4-16			29.5		20.6			56.9
J08JM12	1/2	3/4-16			29.4		20.64			60.1
J08JM14	1/2	7/8-14			33.1		23.8			63.8

### J Series

### KF - Komatsu Female Swivel



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
J04KF14	1/4	M14*1.5P	19.0	0.75			19.0	0.75		
J06KF18	3/8	M18*1.5P	24.0	0.94			22.0	0.87		
J08KF22	1/2	M22*1.5P	27.0	1.06	37.6	1.48	27.0	1.06	68.3	2.68

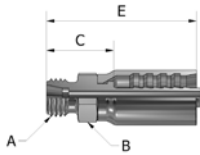


# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## Straight

### J Series

### MM - Metric Male

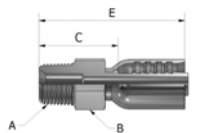


(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description									
	Hose In-Dia	DIN	Thread Metric	Nipple Hex		Tail-Growth		Overall Length		
			A	B		C	D			
J04MM0612A	1/4	(L)	M12*1.5P	14.0	0.55					
J04MM0614A	1/4	(S)	M14*1.5P	14.0	0.55					
J04MM0814A	1/4	(L)	M14*1.5P	14.0	0.55					
J04MM0816A	1/4	(S)	M16*1.5P	17.0	0.69					
J04MM1016A	1/4	(L)	M16*1.5P	19.0	0.75					
J04MM1018A	1/4	(S)	M18*1.5P	19.0	0.75					
J06MM1016A	3/8	(L)	M16*1.5P	19.0	0.75					
J06MM1018A	3/8	(S)	M18*1.5P	22.0	0.86					
J06MM1218A	3/8	(L)	M18*1.5P	22.0	0.86					
J06MM1220A	3/8	(S)	M20*1.5P	22.0	0.86					
J06MM1422A	3/8	(S)	M22*1.5P	22.0	0.86					
J08MM1522A	1/2	(L)	M22*1.5P	22.0	0.8	27.0	1.06	57.7	2.27	
J08MM1624A	1/2	(S)	M24*1.5P	24.0	0.94	29.0	1.14	59.7	2.35	

### J Series

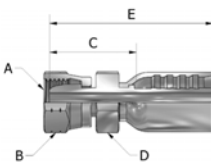
### NM - NPT Male



Part Number	Products Description									
	Hose In-Dia	Thread NPTM	Tail-Growth		Nipple Hex		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
J06NM06	3/8	3/8-18			19.0	0.75				

### J Series

### MF - Metric Female Ball Nose



(LL) = Extra Light Series Metric  
(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread Metric	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			A	B		C	D	E			
J02MF0610C	1/8	(LL)	M10*1P	11.6	0.45						
J02MF0614A	1/8	(S)	M14*1.5P	15.8	0.62			14.0	0.55		
J04MF0612A	1/4	(L)	M12*1.5P	15.8	0.62			14.0	0.55		
J04MF0614A	1/4	(S)	M14*1.5P	17.5	0.69			14.0	0.55		

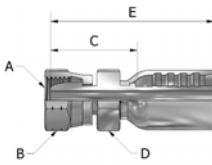
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# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## Straight

### J Series

### MF - Metric Female Ball Nose *Continued...*

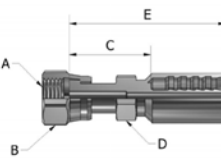


(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description											
	Hose In-Dia	DIN	Thread Metric	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
			A	MM	Inch	MM	Inch	MM	Inch	MM	Inch	
J04MF0814A	1/4	(L)	M14*1.5P	17.5	0.68	24.5	0.96	17.0	0.66	51.1	2.01	
J04MF0816A	1/4	(S)	M16*1.5P	19.0	0.748	30.6	1.2			48.7	1.92	
J06MF0816A	3/8	(S)	M16*1.5P	19.0	0.75			17.0	0.67			
J06MF1016A	3/8	(L)	M16*1.5P	19.0	0.748	31.4	1.23	19.0	0.75	58.2	2.29	
J06MF1218A	3/8	(L)	M18*1.5P	22.0	0.87			17.0	0.67			
J06MF1220A	3/8	(S)	M20*1.5P	24.0	0.94							
J06MF1422A	3/8	(S)	M22*1.5P	27.0	1.06							
J06MF1522A	3/8	(L)	M22*1.5P	27.0	1.06							
J08MF1522A	1/2	(L)	M22*1.5P	27.0	1.06	33.0	1.29	22.0	0.86	63.7	2.50	
J08MF1624A	1/2	(S)	M24*1.5P	30.0	1.18	22.8	0.89			53.5	2.10	

### J Series

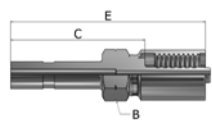
### FO - Female O-Ring Face Seal Swivel Straight



Part Number	Products Description											
	Hose In-Dia	Thread ORFS	Nut Hex		Tail-Growth		Nipple OD		Overall Length			
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch		
J02F009	1/8	9/16-18	17.5	0.69	29.0	1.14	14.3	0.56				
J04F009	1/4	9/16-18	17.5	0.69	29.0	1.14	14.3	0.56	55.6	2.19		
J06F011	3/8	11/16-16	22.0	0.86	36.8	1.44	17.46	0.68				
J08F013	1/2	13/16-16	23.8	0.93	37.2	1.46	22.0	0.86	67.9	2.67		

### J Series

### SP - Stand Pipe Straight



Part Number	Products Description											
	Hose In-Dia	Length		OD		Tail-Growth		Overall Length				
		MM	Inch	MM	Inch	MM	Inch	MM	Inch			
J02SP06	1/8			22.0	0.87	6.0	0.24					

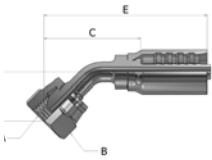


# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## 45 Degree

### J Series

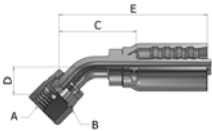
### BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
J06BF0645	3/8	3/8-19	19.0	0.74						
J08BF0845	1/2	1/2-14	22.0	0.87						

### J Series

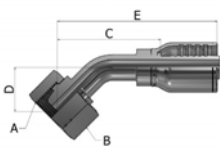
### JF - JIC Female 37° Swivel 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
J04JF0745	1/4	7/16-20	14.3	0.56	28.9	1.13	10.0	0.39	55.5	2.18
J04JF0945	1/4	9/16-18	17.0	0.66						
J06JF0945	3/8	9/16-18	17.0	0.66						
J06JF1245	3/8	3/4-16	22.0	0.86						
J08JF1245	1/2	3/4-16	22.0	0.86						
J08JF1445	1/2	7/8-14	25.4	1.0						

### J Series

### MF - Metric Female Ball Nose 45° Elbow 24° Cone



Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
				MM	Inch	MM	Inch	MM	Inch	MM	Inch
J02MF0610C45	1/8	(LL)	M10*1P	11.6	0.45						
J04MF0612A45	1/4	(L)	M12*1.5P	15.8	0.62						
J04MF0614A45	1/4	(S)	M14.15P	17.5	0.69						
J04MF0814A45	1/4	(L)	M14.15P	17.5	0.69						
J04MF0816A45	1/4	(S)	M16*1.5P	19.0	0.75						
J06MF1016A45	3/8	(L)	M16*1.5P	19.0	0.75	37.7	1.48	17.0	0.67	65.1	2.56
J06MF1218A45	3/8	(L)	M18*1.5P	22.0	0.87						
J06MF1220A45	3/8	(S)	M20*1.5P	24.0	0.94						
J08MF1522A45	1/2	(L)	M22*1.5P	27.0	1.06						
J08MF1624A45	1/2	(S)	M24*1.5P	30.0	1.18						

(LL) = Extra Light Series Metric  
(L) = Light Series Metric  
(S) = Heavy Series Metric

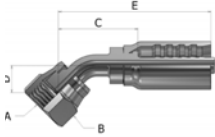


# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## 45 Degree

### J Series

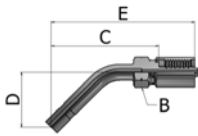
### FO - Female O-Ring Face Seal Swivel 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
J06FO1145	3/8	11/16-16	22.0	0.87						
J08FO1345	1/2	13/16-16	23.8	0.93						

### J Series

### SP - Stand Pipe 45° Elbow

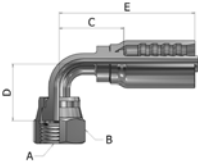


Part Number	Products Description									
	Hose In-Dia	OD		Tail-Growth		Drop		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		B		C		D		E		
J02SP0645	1/8	6.0	0.24							

## 90 Degree

### J Series

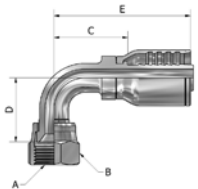
### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
J02BF0290-25MM	1/8	1/8-28	14.0	0.55			25.0	0.98		
J04BF0490-29MM	1/4	1/4-19	19.0	0.75			29.0	1.14		
J06BF0690-33MM	3/8	3/8-19	22.0	0.87			33.0	1.29		
J08BF0890-40.9MM	1/2	1/2-14	27.0	1.06			40.9	1.61		

### J Series

### JF - JIC Female 37° Swivel 90° Elbow



B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D			
J02JF0790-21.1MM	1/8	7/16-20	14.3	0.56	24.2	0.95	21.1	0.83		
J04JF0790-21MM	1/4	7/16-20	14.3	0.56	24.2	0.95	21.0	0.83	50.8	2.00
J04JF0790B-19.8MM	1/4	7/16-20	14.3	0.56	20.3	0.80	19.8	0.78	46.9	1.85
J04JF0990B-21.2MM	1/4	9/16-18	17.5	0.69	20.3	0.80	21.2	0.83	46.9	1.85

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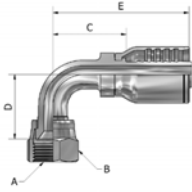


# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## 90 Degree

### J Series

### JF - JIC Female 37° Swivel 90° Elbow *Continued...*

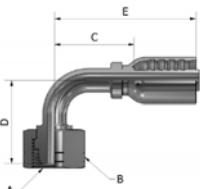


B = Block  
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
J04JF0990L-47MM	1/4	9/16-18	175	0.69	20.3	0.80	24.2	0.95	50.8	2.00
J06JF0990-23MM	3/8	9/16-18	17.46	0.69	28.3	1.11	23.0	0.91	57.1	2.25
J06JF1290-28MM	3/8	3/4-16	22.2	0.87	28.3	1.11	28.0	1.1	57.1	2.25
J08JF1290-31MM	1/2	3/4-16	22.2	0.87	35.3	1.39	31.0	1.22	67.3	2.65
J08JF1490-31MM	1/2	7/8-14	25.4	1.0	35.3	1.39	31.0	1.22	66.0	2.6

### J Series

### MF - Metric Female Ball Nose 90° Elbow

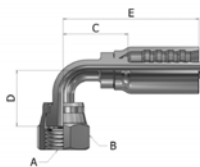


(LL) = Extra Light Series Metric  
(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread Metric	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	MM	Inch	MM	Inch	MM	Inch	MM
J02MF0610C90-23.8MM	1/8	(LL)	M10*1P	11.6	0.45			23.8	0.93		
J04MF0612A90-29MM	1/4	(L)	M12*1.5P	15.9	0.62			29.0	1.14		
J04MF0614A90-29MM	1/4	(S)	M14*1.5P	17.5	0.68			29.0	1.14		
J04MF0814A90-31MM	1/4	(L)	M14*1.5P	17.5	0.68			31.0	1.22		
J04MF0816A90-29.2MM	1/4	(S)	M16*1.5P	19.0	0.74			29.2	1.15		
J06MF1016A90-34MM	3/8	(L)	M16*1.5P	19.0	0.74	28.3	1.11	34.0	1.33	55.7	2.19
J06MF1218A90-32MM	3/8	(L)	M18*1.5P	22.0	0.86			32.0	1.25		
J06MF1220A90-37MM	3/8	(S)	M20*1.5P	24.0	0.94	30.3	1.19	37.0	1.45	62.7	2.46
J08MF1522A90-40MM	1/2	(L)	M22*1.5P	27.0	1.06			40.0	1.57		
J08MF1624A90-45MM	1/2	(S)	M24*1.5P	30.0	1.18	39.6	1.55	45.0	1.77	70.3	2.76

### J Series

### FO - Female O-Ring Face Seal Swivel 90° Elbow



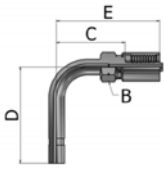
Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
J06FO1190-23MM	3/8	11/16-16	22.0	0.75			23.0	0.90		
J08FO1390-29MM	1/2	13/16-16	23.8	0.93			29.0	1.14		

# SAE100R7, SAE100R8 & SAE100R18 Thermoplastic

## 90 Degree

J Series

### SP - Stand Pipe 90° Elbow



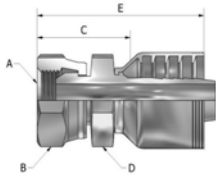
Part Number	Products Description		OD		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
J02SP0690-37MM	1/8		6.0	0.24	C		D		E	

# SAE100R12 Four Wire Spiral

## Straight

L Series

### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
L06BF04	3/8	1/4-19	19.0	0.75	34.3	1.35	19.0	0.75	58.1	2.29
L06BF06	3/8	3/8-19	22.0	0.87	37.6	1.48	22.0	0.87	61.4	2.42
L06BF08	3/8	1/2-14	27.0	1.06	41.3	1.63	24.0	0.94	65.1	2.56
L08BF06	1/2	3/8-19	22.0	0.87	38.2	1.50	22.0	0.87	68.6	2.70
L08BF08	1/2	1/2-14	27.0	1.06	41.3	1.63	27.0	1.06	71.7	2.82
L08BF08SS	1/2	1/2-14	27.0	1.06	41.3	1.63	27.0	1.06	71.7	2.82
L08BF10	1/2	5/8-14	28.6	1.12	38.5	1.52	27.0	1.06	68.9	2.71
L08BF12	1/2	3/4-14	36.0	1.42	45.8	1.80	36.0	1.42	76.2	3.00
L10BF08	5/8	1/2-14	27.0	1.06	42.9	1.69	27.0	1.06	74.4	2.93
L10BF10	5/8	5/8-14	28.6	1.12	40.0	1.57	27.0	1.06	71.5	2.81
L10BF12	5/8	3/4-14	36.0	1.42	47.3	1.86	36.0	1.42	78.8	3.10
L12BF12	3/4	3/4-14	36.0	1.42	45.0	1.77	36.0	1.42	81.4	3.20
L12BF12SS	3/4	3/4-14	36.0	1.42	45.0	1.77	36.0	1.42	81.4	3.20
L12BF16	3/4	1-11	41.0	1.61	49.2	1.94	41.0	1.61	85.6	3.37
L16BF16	1	1-11	41.0	1.61	51.5	2.03	41.0	1.61	95.4	3.76
L16BF16SS	1	1-11	41.0	1.61	51.5	2.03	41.0	1.61	95.4	3.76
L16BF20	1	1 1/4-11	50.0	1.97	58.7	2.31	50.0	1.97	102.6	4.04
L20BF20	1 1/4	1 1/4-11	50.0	1.97	61.8	2.43	50.0	1.97	104.3	4.11
L24BF24	1 1/2	1 1/2-11	60.0	2.36	64.4	2.54	55.0	2.17	119.6	4.71
L32BF32	2	2-11	70.0	2.76	73.4	2.89	70.0	2.76	195.4	7.69

HOSE TAILS  
L Series

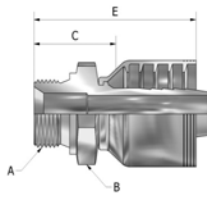


# SAE100R12 Four Wire Spiral

## Straight

### L Series

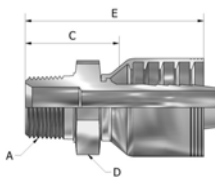
### BPM - BSP Male Parallel 60° Cone



Part Number	Products Description								
	Hose In-Dia	Thread PF	Nipple Hex		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	Inch	
L06BPM06	3/8	3/8-19	22.0	0.87	32.5	1.28	56.3	2.22	
L06BPM08	3/8	1/2-14	27.0	1.06	35.0	1.38	58.8	2.31	
L08BPM08	1/2	1/2-14	27.0	1.06	34.9	1.37	65.3	2.57	
L12BPM12	3/4	3/4-14	36.0	1.42	36.3	1.43	72.7	2.86	
L12BPM16	3/4	1-11	41.0	1.61	40.3	1.59	76.7	3.02	
L16BPM16	1	1-11	41.0	1.61	42.6	1.68	86.5	3.41	

### L Series

### BM - BSP Male Taper



Part Number	Products Description								
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	Inch	
L06BM06	3/8	3/8-19	22.0	0.87	31.5	1.24	55.3	2.18	
L06BM08	3/8	1/2-14	27.0	1.06	36.1	1.42	59.9	2.36	
L08BM06	1/2	3/8-19	22.0	0.87	32.3	1.27	62.7	2.47	
L08BM08	1/2	1/2-14	27.0	1.06	36.1	1.42	66.5	2.62	
L12BM12	3/4	3/4-14	36.0	1.42	39.4	1.55	75.8	2.98	
L12BM16	3/4	1-11	41.0	1.61	44.2	1.74	80.6	3.17	
L16BM16	1	1-11	41.0	1.61	46.4	1.83	90.3	3.56	
L16BM20	1	1 1/4-11	41.0	1.61	46.4	1.83	90.3	3.56	
L20BM20	1 1/4	1 1/4-11	50.0	1.97	54.1	2.13	96.6	3.80	
L24BM24	1 1/2	1 1/2-11	60.0	2.36	57.9	2.28	113.1	4.45	
L32BM32	2	2-11	70.0	2.76	67.9	2.67	125.8	4.95	

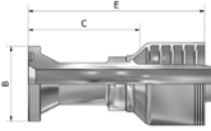


# SAE100R12 Four Wire Spiral

## Straight

### L Series

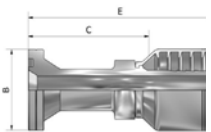
### F61 - SAE Code 61 Flange Straight



Part Number	Products Description								
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	
A	B	C	E						
L08F6108	1/2	1/2	30.2	1.19	57.9	2.28	88.3	3.48	
L08F6112	1/2	3/4	38.1	1.50	32.0	1.26	62.4	2.46	
L10F6110	5/8	5/8	34.1	1.34	63.2	2.49	94.7	3.73	
L12F6112	3/4	3/4	38.1	1.50	61.6	2.43	98.0	3.86	
L12F6116	3/4	1	44.5	1.75	33.2	1.31	69.6	2.74	
L12F6120	3/4	1 1/4	50.8	2.00	38.8	1.53	75.2	2.96	
L16F6116	1	1	44.5	1.75	65.9	2.59	109.8	4.32	
L16F6120	1	1 1/4	50.8	2.00	39.2	1.54	83.1	3.27	
L16F6124	1	1 1/2	60.3	2.37	44.4	1.75	88.3	3.48	
L20F6116	1 1/4	1	44.5	1.75	69.1	2.72	111.6	4.39	
L20F6120	1 1/4	1 1/4	50.8	2.00	77.2	3.04	119.7	4.71	
L20F6124	1 1/4	1 1/2	60.3	2.37	39.6	1.56	82.1	3.23	
L24F6124	1 1/2	1 1/2	60.3	2.37	83.6	3.29	138.8	5.46	
L24F6132	1 1/2	2	71.4	2.81	46.5	1.83	101.7	4.00	
L32F6124	2	1 1/2	60.3	2.37	88	3.46	153.1	6.03	
L32F6132	2	2	71.4	2.81	85.8	3.38	143.7	5.66	
L32F6140	2	2 1/2	84.1	3.31	56.5	2.22	114.4	4.50	

### L Series

### F62 - SAE Code 62 Flange Straight



Part Number	Products Description								
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	
A	B	C	E						
L08F6208	1/2	1/2	31.8	1.25	57.9	2.28	88.3	3.48	
L12F6212	3/4	3/4	41.3	1.63	68.2	2.69	104.6	4.12	
L12F6216	3/4	1	47.6	1.87	42.3	1.67	78.7	3.10	
L16F6216	1	1	47.6	1.87	80.2	3.16	124.1	4.89	
L16F6220	1	1 1/4	54.0	2.13	49.7	1.96	93.6	3.69	
L20F6220	1 1/4	1 1/4	54.0	2.13	85.1	3.35	127.6	5.02	
L24F6220	1 1/2	1 1/4	54.0	2.13	85.1	3.35	143.0	5.63	
L24F6224	1 1/2	1 1/2	63.5	2.50	105.8	4.17	161.0	6.34	

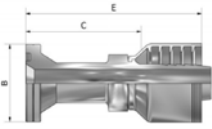
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# SAE100R12 Four Wire Spiral

## Straight

L Series

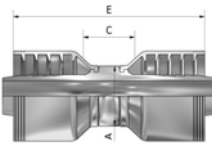
### F62 - SAE Code 62 Flange Straight *Continued...*



Part Number	Products Description							
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch
L24F6232	1 1/2	2	79.4	3.13	70.5	2.78	137	5.38
L32F6232	2	2	79.4	3.13	124.0	4.88	181.9	7.16

L Series

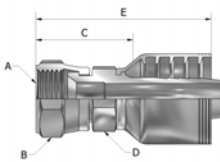
### HJ - Hose Joiner



Part Number	Products Description						
	Hose In-Dia	Nipple		Tail-Growth		Overall Length	
		MM	Inch	MM	Inch	MM	Inch
L06HJ06	3/8	175	0.69	23.2	0.91	70.9	2.79
L08HJ08	1/2	21.0	0.83	25.2	0.99	86.0	3.39
L24HJ24	1 1/2	50.0	1.97	61.0	2.40	177.9	7.00
L24HJ24CAT	1 1/2	50.0	1.97	71.0	2.80	187.9	7.40

L Series

### JF - JIC Female 37° Swivel Straight



SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
L06JF09	3/8	9/16-18	175	0.69	33.3	1.31	175	0.69	571	2.25
L06JF12	3/8	3/4-16	222	0.87	36.2	1.43	175	0.69	60.1	2.37
L06JF14	3/8	7/8-14	25.4	1.00	41.8	1.65	222	0.87	65.6	2.58
L08JF09	1/2	9/16-18	175	0.69	33.3	1.31	20.6	0.81	63.7	2.51
L08JF12	1/2	3/4-16	222	0.87	38.9	1.53	20.6	0.81	69.3	2.73
L08JF12SS	1/2	3/4-16	222	0.87	38.9	1.53	20.6	0.81	69.3	2.73
L08JF14	1/2	7/8-14	25.4	1.00	41.8	1.65	222	0.87	72.2	2.84
L08JF17	1/2	1 1/16-12	31.8	1.25	40.1	1.58	27.0	1.06	70.5	2.78
L10JF12	5/8	3/4-16	222	0.87	37.6	1.48	23.8	0.94	69.1	2.72
L12JF12	3/4	3/4-16	222	0.87	35.4	1.39	27.0	1.06	71.8	2.83
L12JF14	3/4	7/8-14	25.4	1.00	37.9	1.49	27.0	1.06	74.4	2.93
L12JF17	3/4	1 1/16-12	31.8	1.25	44.1	1.74	27.0	1.06	80.5	3.17
L12JF17SS	3/4	1 1/16-12	31.8	1.25	44.1	1.74	27.0	1.06	80.5	3.17

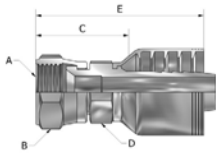
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# SAE100R12 Four Wire Spiral

## Straight

### L Series

### JF - JIC Female 37° Swivel Straight *Continued.*

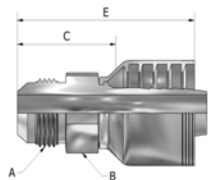


SS = Stainless Steel

Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
		A	B	MM	Inch	MM	Inch	MM	Inch	MM	Inch
L12JF19	3/4	1 3/16-12	36.0	1.42	44.7	1.76	31.8	1.25	81.1	3.19	
L12JF21	3/4	1 5/16-12	38.0	1.50	47.0	1.85	31.8	1.25	83.4	3.28	
L16JF17	1	1 1/16-12	31.8	1.25	46.7	1.84	35.0	1.38	90.6	3.57	
L16JF21	1	1 5/16-12	38.0	1.50	49.3	1.94	35.0	1.38	93.1	3.67	
L16JF21SS	1	1 5/16-12	38.0	1.50	49.3	1.94	35.0	1.38	93.1	3.67	
L16JF26	1	1 5/8-12	50.0	1.97	55.2	2.17	41.3	1.62	99.1	3.90	
L20JF21	1 1/4	1 5/16-12	38.0	1.50	53.9	2.12	47.6	1.87	96.4	3.80	
L20JF26	1 1/4	1 5/8-12	50.0	1.97	58.2	2.29	47.6	1.87	100.7	3.96	
L20JF30	1 1/4	1 7/8-12	55.0	2.17	61.3	2.41	54.0	2.13	103.8	4.09	
L24JF30	1 1/2	1 7/8-12	55.0	2.17	63.1	2.48	54.0	2.13	118.3	4.66	
L24JF30SS	1 1/2	1 7/8-12	55.0	2.17	63.1	2.48	54.0	2.13	118.3	4.66	
L32JF40	2	2 1/2-12	73.0	2.87	79.8	3.14	63.5	2.50	137.7	5.42	

### L Series

### JM - JIC Male 37° Straight



Part Number	Products Description							
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length	
		A	B	MM	Inch	MM	Inch	MM
L06JM09	3/8	9/16-18	19.0	0.75	35.0	1.38	58.8	2.31
L06JM12	3/8	3/4-16	22.2	0.87	33.5	1.32	57.3	2.26
L06JM14	3/8	7/8-14	23.8	0.94	36.0	1.42	59.8	2.35
L08JM12	1/2	3/4-16	22.2	0.87	37.6	1.48	67.9	2.67
L08JM14	1/2	7/8-14	23.8	0.94	36.0	1.42	66.4	2.61
L08JM17	1/2	1 1/16-12	28.6	1.12	45.4	1.79	75.8	2.98
L10JM14	5/8	7/8-14	23.8	0.94	43.1	1.70	74.6	2.94
L10JM17	5/8	1 1/16-12	28.6	1.12	46.9	1.85	78.4	3.09
L12JM17	3/4	1 1/16-12	28.6	1.12	44.6	1.76	81.0	3.19
L12JM21	3/4	1 5/16-12	35.0	1.38	46.4	1.83	82.8	3.26
L16JM21	1	1 5/16-12	35.0	1.38	50.2	1.98	94.1	3.70
L16JM26	1	1 5/8-12	47.6	1.87	52.0	2.05	95.9	3.78
L20JM26	1 1/4	1 5/8-12	47.6	1.87	55.1	2.17	97.6	3.84

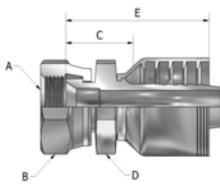


# SAE100R12 Four Wire Spiral

## Straight

### L Series

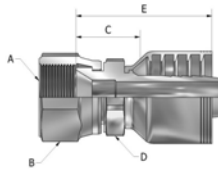
### IBF - JIS (BSP) Female Parallel Pipe Swivel 30° Flare Straight



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06IBF06	3/8	3/8-19	22.0	0.87	26.9	1.06	22.0	0.87	50.7	2.00
L08IBF08	1/2	1/2-14	27.0	1.06	28.2	1.11	27.0	1.06	58.6	2.31
L12IBF12	3/4	3/4-14	36.0	1.42	31.4	1.24	36.0	1.42	67.8	2.67
L16IBF16	1	1-11	41.0	1.61	35.7	1.41	41.0	1.61	79.6	3.13

### L Series

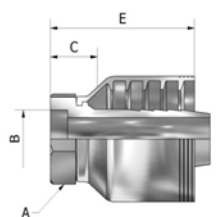
### KF - Komatsu Female Swivel Straight 30° Flare JIS Metric



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06KF18	3/8	M18*1.5P	24.0	0.94	26.9	1.06	22.0	0.87	50.7	2.00
L06KF22	3/8	M22*1.5P	27.0	1.06	28.2	1.11	27.0	1.06	52.0	2.05
L08KF22	1/2	M22*1.5P	27.0	1.06	28.2	1.11	27.0	1.06	58.6	2.31
L08KF24	1/2	M24*1.5P	32.0	1.26	31.7	1.25	30.0	1.18	62.1	2.44
L10KF24	5/8	M24*1.5P	32.0	1.26	33.2	1.31	30.0	1.18	64.7	2.55
L12KF24	3/4	M24*1.5P	32.0	1.26	30.9	1.22	30.0	1.18	67.3	2.65
L16KF33	1	M33*1.5P	41.0	1.61	37.8	1.49	36.0	1.42	81.7	3.22

### L Series

### LS - Life Saver



Part Number	Products Description									
	Hose In-Dia	Nipple Hex		In-Dia		Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
L06LS06	3/8	17.46	0.69	9.5	0.37	14.5	0.57	38.3	1.51	
L08LS08	1/2	20.63	0.81	12.6	0.50	14.5	0.57	44.9	1.77	
L10LS10	5/8	23.8	0.94	16.2	0.64	19.2	0.76	50.7	2.0	
L12LS12	3/4	27.0	1.06	19.4	0.76	16.9	0.67	53.3	2.10	
L16LS16	1	35.0	1.38	25.7	1.01	22.9	0.90	66.8	2.63	
L20LS20	1 1/4	46.0	1.81	31.8	1.25	27.7	1.09	70.2	2.76	
L24LS24	1 1/2	50.0	1.97	31.8	1.50	29.5	1.16	84.7	3.33	
L32LS32	2	60.0	2.36	51.05	2.0	29.6	1.17	94.7	2.4	

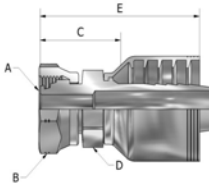
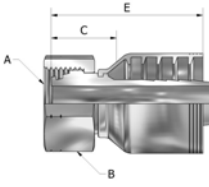


# SAE100R12 Four Wire Spiral

## Straight

L Series

### MF - O-Ring Metric Female Straight 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric  
SS = Stainless Steel

Part Number	Products Description											
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
			A	B	C		D		E			
L06MFO0816A	3/8	(S)	M16*1.5P	19.0	0.75	33.2	1.31	17.0	0.67	57.0	2.24	
L06MFO1016A	3/8	(L)	M16*1.5P	19.0	0.75	33.2	1.31	19.0	0.75	58.0	2.28	
L06MFO1018A	3/8	(S)	M18*1.5P	22.0	0.87	35.3	1.39	17.0	0.67	59.1	2.33	
L06MFO1218A	3/8	(L)	M18*1.5P	22.0	0.87	35.3	1.39	17.0	0.67	59.1	2.33	
L06MFO1220A	3/8	(S)	M20*1.5P	24.0	0.94	26.7	1.05			50.5	1.99	
L06MFO1422A	3/8	(S)	M22*1.5P	27.0	1.06	28.2	1.11			52.0	2.05	
L06MFO1522A	3/8	(L)	M22*1.5P	27.0	1.06	28.2	1.11			52.0	2.05	
L08MFO1422A	1/2	(S)	M22*1.5P	27.0	1.06	38.1	1.50	22.0	0.87	68.5	2.70	
L08MFO1522A	1/2	(L)	M22*1.5P	27.0	1.06	38.1	1.50	22.0	0.87	68.5	2.70	
L08MFO1624A	1/2	(S)	M24*1.5P	30.0	1.18	28.1	1.11			58.5	2.30	
L08MFO1624SS	1/2	(S)	M24*1.5P	30.0	1.18	28.1	1.11			58.5	2.30	
L08MFO1826A	1/2	(L)	M26*1.5P									
L10MFO1826A	5/8	(L)	M26*1.5P	32.0	1.26	37.6	1.48	24.0	0.94	69.1	2.72	
L10MFO2030A	5/8		M30*1.5P	36.0	1.42	32.2	1.27			63.7	2.51	
L10MFO2536B	5/8	(S)	M36*2.0P	46.0	1.81	33.2	1.31			64.7	2.55	
L12MFO1826A	3/4	(L)	M26*1.5P	32.0	1.26	36.3	1.43	27.0	1.06	72.7	2.86	
L12MFO2030B	3/4	(S)	M30*2.0P	36.0	1.42	29.9	1.18			66.3	2.61	
L12MFO2030SS	3/4	(S)	M30*2.0P	36.0	1.42	29.9	1.18			66.3	2.61	
L12MFO2230A	3/4		M30*1.5P	36.0	1.42	26.8	1.06			63.2	2.49	
L12MFO2230B	3/4	(L)	M30*2.0P	36.0	1.42	26.8	1.06			63.2	2.49	
L12MFO2230SS	3/4	(L)	M30*2.0P	36.0	1.42	26.8	1.06			63.2	2.49	
L12MFO2536B	3/4	(S)	M36*2.0P	46.0	1.81	30.9	1.22			67.3	2.65	
L16MFO2536B	1	(S)	M36*2.0P	46.0	1.81			41.0	1.61			
L16MFO2836B	1	(L)	M36*2.0P	46.0	1.81	48.4	1.91	35.0	1.38	92.3	3.63	
L16MFO3042B	1	(S)	M42*2.0P	50.0	1.97	35.6	1.40			79.5	3.13	
L20MFO3545B	1 1/4	(L)	M45*2.0P	50.0	1.97	54.7	2.15	46.0	1.81	97.2	3.83	
L20MFO3852B	1 1/4	(S)	M52*2.0P	60.0	2.36	45.1	1.78			82.6	3.25	
L24MFO4252B	1 1/2	(L)	M52*2.0P	60.0	2.36	55.3	2.18	50.0	1.97	117.8	4.63	

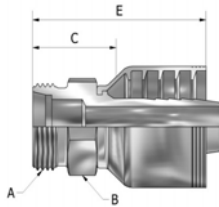
HOSE TAILS  
L Series

# SAE100R12 Four Wire Spiral

## Straight

### L Series

### MM - Metric Male Straight 24° Cone

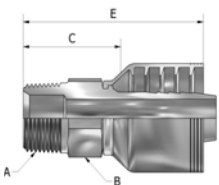


(S) = Heavy Series Metric

Part Number	Products Description									
	Hose In-Dia	DIN	Thread METRIC	Nipple Hex		Tail-Growth		Overall Length		
				MM	Inch	MM	Inch	MM	Inch	
A	B	C	E							
L06MM1220A	3/8	(S)	M20*1.5P	22.0	0.87	30.0	1.18	53.8	2.12	
L08MM1624A	1/2	(S)	M24*1.5P	24.0	0.94	31.9	1.26	62.3	2.45	
L10MM2030B	5/8	(S)	M30*2.0P	30.0	1.18	37.6	1.48	69.1	2.72	
L12MM2536B	3/4	(S)	M36*2.0P	41.0	1.61	37.5	1.48	73.9	2.91	
L16MM3042B	1	(S)	M42*2.0P	46.0	1.81	42.9	1.69	86.8	3.42	

### L Series

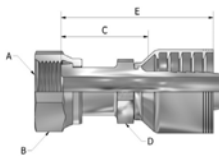
### NM - Taper Male NPT Straight



Part Number	Products Description									
	Hose In-Dia	Thread NPTF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
A	B	C	E							
L08NM08	1/2	1/2-14	22.0	0.87	41.6	1.64	72.0	2.83		
L12NM12	3/4	3/4-14	27.0	1.06	42.0	1.65	78.4	3.09		
L16NM16	1	1-11.5	35.0	1.38	49.2	1.94	93.1	3.67		
L20NM20	1 1/4	1 1/4-11.5	44.5	1.75	61.4	2.42	103.9	4.09		
L24NM24	1 1/2	1 1/2-11.5	50.8	2.00	55.9	2.20	111.1	4.37		
L32NM32	2	2-11.5	63.5	2.50	62.0	2.44	119.9	4.72		

### L Series

### FO - Female O-Ring Face Seal Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
A	B	C	D	E						
L06FO11	3/8	11/16-16	22.0	0.87	33.0	1.30	17.5	0.69	56.8	
L06FO13	3/8	13/16-16	23.8	0.94	39.3	1.55	20.6	0.81	63.1	
L08FO11	1/2	11/16-16	22.0	0.87	33.0	1.30	20.6	0.81	63.4	
L08FO13	1/2	13/16-16	23.8	0.94	40.1	1.58	22.0	0.87	70.5	
L08FO16	1/2	1-14	30.0	1.18	43.1	1.70	23.8	0.94	73.5	
L08FO19	1/2	1 3/16-12	36.0	1.42	48.4	1.91	28.6	1.12	78.8	
L12FO16	3/4	1-14	30.0	1.18	45.0	1.77	27.0	1.06	81.4	

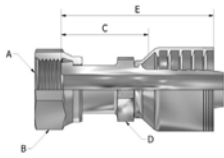
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# SAE100R12 Four Wire Spiral

## Straight

### L Series

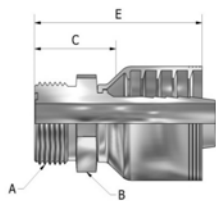
### FO - Female O-Ring Face Seal Swivel Straight *Continued...*



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L12FO19	3/4	1 3/16-12	36.0	1.42	47.6	1.87	28.6	1.12	84.0	
L12FO23	3/4	1 7/16-12	41.0	1.61	49.2	1.94	35.0	1.38	85.6	
L16FO19	1	1 3/16-12	36.0	1.42	50.3	1.98	35.0	1.38	94.1	
L16FO23	1	1 7/16-12	41.0	1.61	49.9	1.96	35.0	1.38	93.8	
L16FO27	1	1 11/16-12	50.0	1.97	54.0	2.13	41.0	1.61	103.1	
L20FO27	1 1/4	1 11/16-12	50.0	1.97	53.6	2.11	46.0	1.81	96.1	
L24FO32	1 1/2	2-12	60.0	2.36	65.3	2.57	50.8	2.00	120.5	

### L Series

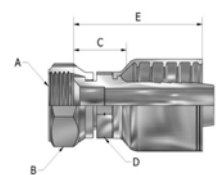
### MO - Male O-Ring Face Seal



Part Number	Products Description								
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length		
		A	B	MM	Inch	MM	Inch	MM	Inch
LO6MO11	3/8	11/16-16	19.0	0.75	26.8	1.06	50.6	1.99	
LO6MO13	3/8	13/16-16	22.0	0.87	32.1	1.26	55.9	2.20	
LO8MO13	1/2	13/16-16	22.0	0.87	32.1	1.26	62.5	2.46	
LO8MO16	1/2	1-14	27.0	1.06	37.1	1.46	67.5	2.66	
L12MO19	3/4	1 3/16-12	32.0	1.26	33.5	1.32	69.9	2.75	

### L Series

### SF - SAE Female Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L12SF17	3/4	1 1/16-14	32.0	1.260	27.3	1.075	25.4	1.00	62.7	2.469

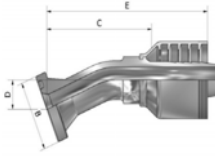


## SAE100R12 Four Wire Spiral

### 22.5 Degree

L Series

#### F61 - SAE Code 61 Flange 22.5° Elbow

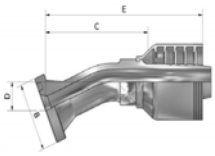


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L12F611222.5	3/4	3/4	38.1	1.50	67.0	2.64	15.8	0.62	103.3	4.07
L12F611622.5	3/4	1	44.5	1.75	71.2	2.80	16.9	0.67	107.5	4.23
L16F611622.5	1	1	44.5	1.75	82.3	3.24	19.7	0.78	126.2	4.97
L16F612022.5	1	1 1/4	50.8	2.00	82.8	3.26	19.6	0.77	125.9	4.96
L20F612022.5	1 1/4	1 1/4	50.8	2.00	99.6	3.92	19.7	0.78	142.1	5.59
L20F612422.5	1 1/4	1 1/2	60.3	2.37	108.2	4.26	23.2	0.91	150.7	5.93
L20F613222.5	1 1/4	2	71.4	2.81	111.5	4.39	26.7	1.05	165.3	6.5
L24F612422.5	1 1/2	1 1/2	60.3	2.37	113.4	4.46	21.7	0.85	168.6	6.64
L24F613222.5	1	2	71.4	2.81	135.4	5.33	30.8	1.21	190.5	7.50
L32F613222.5	2	2	71.4	2.81	148.6	5.85	30.2	1.19	206.5	8.13

### 30 Degree

L Series

#### F61 - SAE Code 61 Flange 30° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L12F611230	3/4	3/4	38.1	1.50	65.3	2.57	19.9	0.78	101.6	4.00
L12F611630	3/4	1	44.5	1.75	67.7	2.67	21.3	0.84	104.0	4.09
L16F611630	1	1	44.5	1.75	81.7	3.22	24.8	0.98	125.6	4.94
L16F612030	1	1 1/4	50.8	2.00	80.0	3.15	24.6	0.97	123.8	4.87
L20F612030	1 1/4	1 1/4	50.8	2.00	97.7	3.85	24.5	0.96	140.2	5.52
L20F612430	1 1/4	1 1/2	60.3	2.37	105.6	4.16	29.1	1.15	148.1	5.83
L24F612430	1 1/2	1 1/2	60.3	2.37	111.4	4.39	26.9	1.06	166.6	6.56
L24F613230	1 1/2	2	71.4	2.81	131.9	5.19	38.8	1.53	187.1	7.37
L32F613230	2	2	71.4	2.81	145.9	5.74	37.3	1.47	203.7	8.02

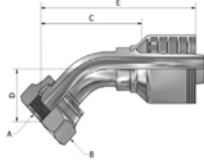


# SAE100R12 Four Wire Spiral

## 45 Degree

L Series

### BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone

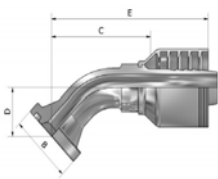


SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06BF0645	3/8	3/8-19	22.0	0.87	45.7	1.80	22.2	0.87	69.5	2.74
L06BF0845	3/8	1/2-14	27.0	1.06	59.3	2.33	28.8	1.13	83.1	3.27
L08BF0845	1/2	1/2-14	27.0	1.06	54.1	2.13	28.0	1.10	84.4	3.32
L12BF1245	3/4	3/4-14	36.0	1.42	67.0	2.64	32.3	1.27	103.3	4.07
L16BF1645	1	1-11	41.0	1.61	84.8	3.34	40.4	1.59	128.6	5.06
L16BF1645SS	1	1-11	41.0	1.61	84.8	3.34	40.4	1.59	128.6	5.06
L20BF2045	1 1/4	1 1/4-11	50.0	1.97	116.3	4.58	55.5	2.19	158.8	6.25
L24BF2445	1 1/2	1 1/2-11	55.0	2.17	131.4	5.17	60.1	2.37	186.6	7.35
L32BF3245	2	2-11	70.0	2.76	161.8	6.37	68.8	2.71	219.6	8.65

L Series

### F61 - SAE Code 61 Flange 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L08F610845	1/2	1/2	30.2	1.19	51.9	2.04	21.5	0.85	82.3	3.24
L08F611245	1/2	3/4	38.1	1.50	52.6	2.07	22.0	0.87	82.9	3.26
L10F611045	5/8	5/8	34.1	1.34	69.0	2.72	37.1	1.46	100.5	3.96
L12F611245	3/4	3/4	38.1	1.50	61.4	2.42	26.0	1.02	97.8	3.85
L12F611645	3/4	1	44.5	1.75	63.2	2.49	28.0	1.10	99.6	3.92
L16F611645	1	1	44.5	1.75	78.1	3.07	32.0	1.26	122.0	4.80
L16F612045	1	1 1/4	50.8	2.00	74.8	2.94	32.0	1.26	118.7	4.67
L20F611645	1 1/4	1	44.5	1.75	74.8	2.94	32.0	1.26	122.3	4.81
L20F612045	1 1/4	1 1/4	50.8	2.00	99.8	3.93	38.0	1.50	142.3	5.60
L20F612445	1 1/4	1 1/2	60.3	2.37	99.8	3.93	38.0	1.50	142.3	5.60
L24F612445	1 1/2	1 1/2	60.3	2.37	113.8	4.48	41.0	1.61	169.0	6.65
L24F613245	1 1/2	2	71.4	2.81	122.8	4.83	50.0	1.97	178.0	7.01
L32F613245	2	2	71.4	2.81	142.6	5.61	49.7	1.96	200.5	7.89
L32F614045	2	2 1/2	84.1	3.31	148.2	5.83	55.3	2.18	206.0	8.11

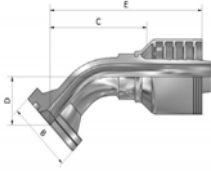
HOSE TAILS  
L Series

# SAE100R12 Four Wire Spiral

## 45 Degree

L Series

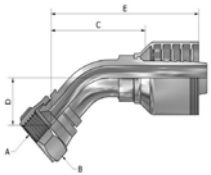
### F62 - SAE Code 62 Flange 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L08F620845	1/2	1/2	318	1.25	51.9	2.04	21.5	0.85	82.2	3.24
L12F621245	3/4	3/4	413	1.63	62.4	2.46	27.0	1.06	98.8	3.89
L12F621645	3/4	1	476	1.87	60.2	2.37	28.0	1.10	99.6	3.92
L16F621645	1	1	476	1.87	76.3	3.00	32.0	1.26	120.2	4.73
L16F622045	1	1 1/4	540	2.13	78.9	3.11	32.0	1.26	122.8	4.83
L20F622045	1 1/4	1 1/4	540	2.13	93.5	3.68	38.0	1.5	147.3	5.8
L24F622445	1 1/2	1 1/2	635	2.50	115.3	4.54	44.0	1.73	170.5	6.7

L Series

### JF - JIC Female 37° Swivel 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06JF0945	3/8	9/16-18	175	0.69	34.5	1.36	11.0	0.43	58.3	2.30
L06JF1245	3/8	3/4-16	222	0.87	37.5	1.48	14.0	0.55	61.3	2.41
L06JF1445	3/8	7/8-14	25.4	1.00	41.5	1.63	15.0	0.59	65.3	2.57
L08JF1245	1/2	3/4-16	222	0.87	41.4	1.63	15.0	0.59	71.8	2.83
L08JF1445	1/2	7/8-14	25.4	1.00	41.4	1.63	15.0	0.59	71.8	2.83
L08JF1745	1/2	1 1/16-12	31.8	1.25	48.1	1.89	20.0	0.79	78.4	3.09
L10JF1745	5/8	1 1/16-12	31.8	1.25	57.0	2.24	21.0	0.83	88.5	3.48
L12JF1745	3/4	1 1/16-12	31.8	1.25	63.0	2.48	27.0	1.06	99.4	3.91
L12JF2145	3/4	1 5/16-12	38.1	1.50	58.7	2.31	24.0	0.94	95.1	3.74
L16JF2145	1	1 5/16-12	38.1	1.50	77.3	3.04	33.0	1.30	121.2	4.77
L20JF2645	1 1/4	1 5/8-12	50.0	1.97	103.8	4.09	45.0	1.77	146.3	5.76
L24JF3045	1 1/2	1 7/8-12	55.0	2.17	126.0	4.96	52.0	2.05	181.2	7.13
L32JF4045	2	2 1/2-12	73.0	2.87	148.6	5.85	55.7	2.19	206.5	8.13

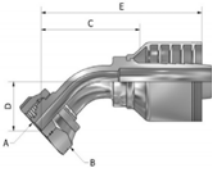
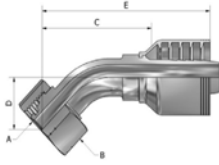


# SAE100R12 Four Wire Spiral

## 45 Degree

### L Series

### MF - O-Ring Metric Female 45° Elbow 24° Cone

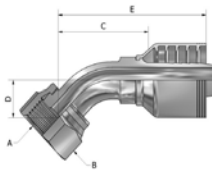


(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	C	D	E	F			
L06MFO1016A45	3/8	(L)	M16*1.5P	19.0	0.75	42.5	1.67	19.0	0.75	66.3	2.61
L06MFO1018A45	3/8	(S)	M18*1.5P	22.0	0.87	45.5	1.79	22.0	0.87	69.3	2.73
L06MFO1218A45	3/8	(L)	M18*1.5P	22.0	0.87	42.5	1.67	19.0	0.75	66.3	2.61
L06MFO1220A45	3/8	(S)	M20*1.5P	24.0	0.94	46.5	1.83	20.0	0.79	70.3	2.77
L06MFO1422A45	3/8	(S)	M22*1.5P	27.0	1.06	43.5	1.71	20.0	0.79	67.3	2.65
L06MFO1522A45	3/8	(L)	M22*1.5P	27.0	1.06	43.5	1.71	20.0	0.79	67.3	2.65
L08MFO1522A45	1/2	(L)	M22*1.5P	27.0	1.06	56.0	2.20	22.0	0.87	86.3	3.40
L08MFO1624A45	1/2	(S)	M24*1.5P	30.0	1.18	55.8	2.20	23.5	0.93	86.2	3.39
L10MFO1826A45	5/8	(L)	M26*1.5P	32.0	1.26	57.7	2.27	24.2	0.95	89.2	3.51
L10MFO2030B45	5/8	(S)	M30*2.0P	36.0	1.42	58.5	2.3	28	1.1	90.0	3.54
L12MFO2030B45	3/4	(S)	M30*2.0P	36.0	1.42	66.7	2.63	29.0	1.14	103.1	4.06
L12MFO2230B45	3/4	(L)	M30*2.0P	36.0	1.42	60.2	2.37	25.5	1.00	96.6	3.80
L12MFO2536B45	3/4	(S)	M36*2.0P	46.0	1.81	66.7	2.63	34.0	1.34	103.1	4.06
L16MFO2836B45	1	(L)	M36*2.0P	46.0	1.81	79.2	3.12	36.9	1.45	123.1	4.85
L16MFO3042B45	1	(S)	M42*2.0P	50.0	1.97	79.6	3.13	37.0	1.46	128.4	5.05
L20MFO3545B45	1 1/4	(L)	M45*2.0P	50.0	1.97	109.8	4.32	48.0	1.89	152.3	6.00
L24MFO4252B45	1 1/2	(L)	M52*2.0P	60.0	2.36	121.1	4.77	48.4	1.91	176.3	6.94

### L Series

### FO - Female O-Ring Face Seal Swivel 45° Elbow



Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length		
		A	B	C	D	E	F				
L06FO1145	3/8	11/16-16	22.0	0.87	34.5	1.36	11.0	0.43	58.3	2.30	
L06FO1345	3/8	13/16-16	23.8	0.94	40.4	1.59	15.0	0.59	64.2	2.53	
L08FO1345	1/2	13/16-16	23.8	0.94	41.3	1.63	15.0	0.59	71.7	2.82	
L08FO1645	1/2	1-14	30.0	1.18	43.9	1.73	16.0	0.63	74.3	2.93	
L12FO1945	3/4	1 3/16-12	36.0	1.42	55.8	2.20	21.1	0.83	92.2	3.63	
L16FO2345	1	1 7/16-12	41.0	1.61	69.0	2.72	24.0	0.94	112.9	4.44	
L20FO2745	1 1/4	1 11/16-12	50.0	1.97	102.7	4.04	41.0	1.61	145.2	5.72	
L24FO3245	1 1/2	2-12	60.0	2.36	119.3	4.70	48.0	1.89	174.5	6.87	

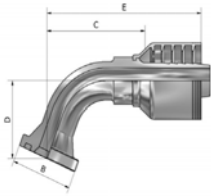


## SAE100R12 Four Wire Spiral

### 60 Degree

L Series

#### F61 - SAE Code 61 Flange 60° Elbow

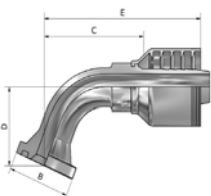


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L12F611260	3/4	3/4	38.1	1.50	64.4	2.54	39.2	1.54	100.7	3.96
L12F611660	3/4	1	44.5	1.75	64.4	2.54	42.1	1.66	100.8	3.97
L16F611660	1	1	44.5	1.75	72.8	2.87	38.0	1.50	116.6	4.59
L16F612060	1	1 1/4	50.8	2.00	82.9	3.26	58.6	2.31	126.7	4.99
L20F612060	1 1/4	1 1/4	50.8	2.00	96.4	3.80	47.2	1.86	138.9	5.47
L20F612460	1 1/4	1 1/2	60.3	2.37	96.4	3.80	47.2	1.86	138.9	5.47
L24F612460	1 1/2	1 1/2	60.3	2.37	114.6	4.51	56.4	2.22	169.8	6.69
L24F613260	1 1/2	2	71.4	2.81	122.7	4.83	71.0	2.80	177.9	7.00
L32F613260	2	2	71.4	2.81	150.5	5.93	77.1	3.04	208.3	8.20

### 67.5 Degree

L Series

#### F61 - SAE Code 61 Flange 67.5° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L12F6112675	3/4	3/4	38.1	1.50	62.0	2.44	42.4	1.67	98.4	3.87
L12F6116675	3/4	1	44.5	1.75	61.1	2.41	44.1	1.74	97.4	3.83
L16F6116675	1	1	44.5	1.75	79.7	3.14	61.4	2.42	123.6	4.87
L16F6120675	1	1 1/4	50.8	2.00	77.9	3.07	61.4	2.42	121.8	4.80
L20F6120675	1 1/4	1 1/4	50.8	2.00	93.6	3.69	49.0	1.93	136.1	5.36
L20F6124675	1 1/4	1 1/2	60.3	2.37	93.6	3.69	49.0	1.93	136.1	5.36
L24F6124675	1 1/2	1 1/2	60.3	2.37	111.2	4.38	59.0	2.32	166.4	6.55
L24F6132675	1 1/2	2	71.4	2.81	117.5	4.63	74.1	2.92	172.7	6.80
L32F6132675	2	2	71.4	2.81	146.3	5.76	79.9	3.15	204.2	8.04

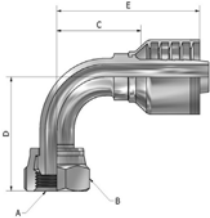


# SAE100R12 Four Wire Spiral

## 90 Degree

### L Series

### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone

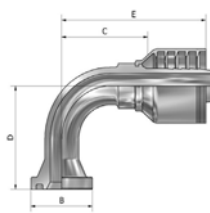


B = Block  
L = Long Drop  
SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06BF0690-33MM	3/8	3/8-19	22.0	0.87	31.1	1.22	40.4	1.59	54.9	2.16
L06BF0890-40.9MM	3/8	1/2-14	27.0	1.06	39.3	1.55	50.6	1.99	63.1	2.48
L08BF0890-40.9MM	1/2	1/2-14	27.0	1.06	38.1	1.50	50.6	1.99	68.5	2.70
L08BF0890B-32.3MM	1/2	1/2-14	27.0	1.06	32.8	1.29	42.0	1.65	63.2	2.49
L08BF0890L-80MM	1/2	1/2-14	27.0	1.06	35.2	1.39	89.7	3.53	65.6	2.58
L08BF0890SS-40.9MM	1/2	1/2-14	27.0	1.06	38.1	1.50	50.6	1.99	68.5	2.70
L10BF1090-42.6MM	5/8	5/8-14	28.6	1.12	41.6	1.64	51.8	2.04	73.1	2.88
L12BF1290-55MM	3/4	3/4-14	36.0	1.42	51.3	2.02	64.0	2.52	87.6	3.45
L12BF1290B-36MM	3/4	3/4-14	36.0	1.42	36.9	1.45	45.0	1.77	73.2	2.88
L12BF1290SS-55MM	3/4	3/4-14	36.0	1.42	51.3	2.02	64.0	2.52	87.6	3.45
L16BF1690-73.5MM	1	1-11	41.0	1.61	77.6	3.06	84.0	3.31	121.5	4.78
L16BF1690SS-73.5MM	1	1-11	41.0	1.61	77.6	3.06	84.0	3.31	121.5	4.78
L20BF2090-88.5MM	1 1/4	1 1/4-11	50.0	1.97	87.2	3.43	101.9	4.01	129.7	5.11
L24BF2490-110MM	1 1/2	1 1/2-11	55.0	2.17	103.5	4.07	120.0	4.72	158.7	6.25
L32BF3290-138MM	2	2-11	70.0	2.76	144.2	5.68	152.9	6.02	202.1	7.96

### L Series

### F61 - SAE Code 61 Flange 90° Elbow



L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L08F610890-43MM	1/2	1/2	30.2	1.19	48.1	1.89	43.0	1.69	78.5	3.09
L08F611290-50MM	1/2	3/4	38.1	1.50	45.2	1.78	50.0	1.97	75.6	2.98
L10F611090-53MM	5/8	5/8	34.1	1.34	46.6	1.83	53.0	2.09	78.1	3.07
L12F611290-58MM	3/4	3/4	38.1	1.50	52.8	2.08	58.0	2.28	89.1	3.51
L12F611290L-83MM	3/4	3/4	38.1	1.50	52.8	2.08	83.0	3.27	89.2	3.51
L12F611290L-110MM	3/4	3/4	38.1	1.5	64.8	2.55	110.0	4.33	104.1	4.10
L12F611690-56.9MM	3/4	1	44.5	1.75	52.8	2.08	58.0	2.28	89.2	3.51
L12F611690L-117MM	3/4	1	44.5	1.75	67.8	2.67	117.0	4.61	104.2	4.10
L12F612090-58MM	3/4	1 1/4	50.8	2.00	52.8	2.08	58.0	2.28	89.2	3.51
L16F611690-70MM	1	1	44.5	1.75	65.1	2.56	70.0	2.76	109.0	4.29

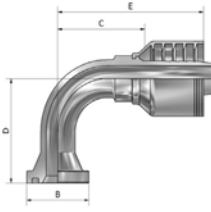
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# SAE100R12 Four Wire Spiral

## 90 Degree

### L Series

### F61 - SAE Code 61 Flange 90° Elbow *Continued...*

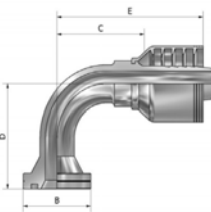


L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
A	B	C	D	E						
L16F611690L-117MM	1	1	44.5	1.75	65.1	2.56	117.0	4.61	109.0	4.29
L16F611690L-150MM	1	1	44.5	1.75	65.1	2.56	150.0	5.91	109.0	4.29
L16F612090-70MM	1	1 1/4	50.8	2.00	65.1	2.56	70.0	2.76	109.0	4.29
L16F612090L-117MM	1	1 1/4	50.8	2.00	90.1	3.55	117.0	4.61	134.0	5.28
L16F612490-75MM	1	1 1/2	60.3	2.37	65.1	2.56	75.0	2.95	109.0	4.29
L20F611690-70MM	1 1/4	1	44.5	1.75	65	2.56	70.0	2.75	118.8	4.68
L20F612090-82MM	1 1/4	1 1/4	50.8	2.00	88.2	3.47	82.0	3.23	130.7	5.15
L20F612090L-140MM	1 1/4	1 1/4	50.8	2.00	108.2	4.26	140.0	5.51	150.7	5.93
L20F612490-90MM	1 1/4	1 1/2	60.3	2.37	88.2	3.47	90.0	3.54	130.7	5.15
L24F612490-104MM	1 1/2	1 1/2	60.3	2.37	105.0	4.13	104.0	4.09	160.2	6.31
L24F612490L-147MM	1 1/2	1 1/2	60.3	2.37	110.0	4.33	147.0	5.79	165.2	6.50
L24F613290-104MM	1 1/2	2	71.4	2.81	105.0	4.13	104.0	4.09	160.2	6.31
L32F612490L-160MM	2	1 1/2	60.3	2.37	105.8	4.13	160.0	6.29	163.7	6.44
L32F612490L-220MM	2	1 1/2	60.3	2.37	105.8	4.13	160.0	6.29	163.7	6.44
L32F613290-120MM	2	2	71.4	2.81	139.8	5.50	120.0	4.72	197.7	7.78
L32F613290L-197MM	2	2	71.4	2.81	139.8	5.5	197.0	7.75	197.7	7.78
L32F614090-125MM	2	2 1/2	84.1	3.31	139.8	5.50	125.0	4.92	197.7	7.78

### L Series

### F62 - SAE Code 62 Flange 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
A	B	C	D	E						
L08F620890-45MM	1/2	1/2	31.8	1.25	45.0	1.77	45.0	1.77	75.4	2.97
L12F621290-58MM	3/4	3/4	41.3	1.63	52.8	2.08	58.0	2.28	89.2	3.51
L12F621690-58MM	3/4	1	47.6	1.87	53.0	2.09	58.0	2.28	89.4	3.52
L16F621690-70MM	1	1	47.6	1.87	69.0	2.72	70.0	2.76	112.9	4.44
L16F622090-70MM	1	1 1/4	54.0	2.13	66.8	2.63	70.0	2.76	110.7	4.36
L20F622090-82MM	1 1/4	1 1/4	54.0	2.13	86.9	3.42	82.0	3.23	129.4	5.1
L20F622490-82MM	1 1/4	1 1/2	63.5	2.5	81.9	3.22	82.0	3.23	129.4	5.1
L24F622490-104MM	1 1/2	1 1/2	63.5	2.50	103.5	4.07	104.0	4.09	158.7	6.2

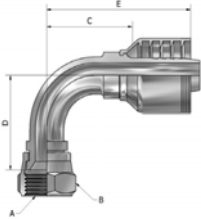


# SAE100R12 Four Wire Spiral

## 90 Degree

L Series

### JF - JIC Female 37° Swivel 90° Elbow



B = Block  
L = Long Drop  
SS = Stainless Steel

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06JF0990-23MM	3/8	9/16-18	175	0.69	31.1	1.22	23.0	0.91	54.9	2.16
L06JF0990L-55MM	3/8	9/16-18	175	0.69	31.1	1.22	55.0	2.17	54.9	2.16
L06JF1290-28MM	3/8	3/4-16	22.2	0.87	31.1	1.22	28.0	1.10	54.9	2.16
L06JF1290L-62MM	3/8	3/4-16	22.2	0.87	41.1	1.62	62.0	2.44	64.9	2.56
L06JF1490-27.4MM	3/8	7/8-14	25.4	1.00	34.1	1.34	27.4	1.08	57.9	2.28
L08JF1290-31MM	1/2	3/4-16	22.2	0.87	35.2	1.39	31.0	1.22	65.6	2.58
L08JF1290L-62MM	1/2	3/4-16	22.2	0.87	45.2	1.78	62.0	2.44	75.6	2.98
L08JF1290SS-31MM	1/2	3/4-16	22.2	0.87	35.2	1.39	31.0	1.22	65.6	2.58
L08JF1490-31MM	1/2	7/8-14	25.4	1.00	35.2	1.39	31.0	1.22	65.6	2.58
L08JF1490L-66MM	1/2	7/8-14	25.4	1.00	45.2	1.78	66.0	2.60	75.6	2.98
L08JF1790-46MM	1/2	1 1/16-12	31.8	1.25	39.2	1.54	46.0	1.81	69.6	2.74
L10JF1490-34MM	5/8	7/8-14	25.4	1.00	40.6	1.60	34.0	1.34	72.1	2.84
L10JF1490L-66MM	5/8	7/8-14	25.4	1.00	50.6	1.99	66.0	2.60	82.1	3.23
L10JF1790-48MM	5/8	1 1/16-12	31.8	1.25	50.6	1.99	48.0	1.89	82.1	3.23
L12JF1790-53MM	3/4	1 1/16-12	31.8	1.25	52.3	2.06	53.0	2.09	88.7	3.49
L12JF1790B-33.9MM	3/4	1 1/16-12	31.8	1.25	36.9	1.45	30.0	1.18	73.2	2.88
L12JF1790L-95MM	3/4	1 1/16-12	31.8	1.25	83.0	3.27	95.0	3.74	119.4	4.70
L12JF1790SS-53MM	3/4	1 1/16-12	31.8	1.25	52.3	2.06	53.0	2.09	88.7	3.49
L12JF2190-56MM	3/4	1 5/16-12	38.1	1.50	52.3	2.06	56.0	2.20	88.7	3.49
L16JF2190-70MM	1	1 5/16-12	38.1	1.50	66.6	2.62	70.0	2.76	110.5	4.35
L16JF2190L-110MM	1	1 5/16-12	38.1	1.50	91.6	3.61	110.0	4.33	135.5	5.33
L16JF2190SS-70MM	1	1 5/16-12	38.1	1.50	66.6	2.62	70.0	2.76	110.5	4.35
L20JF2690-85MM	1 1/4	1 5/8-12	50.0	1.97	85.2	3.35	85.0	3.35	134.0	5.28
L20JF2690L-134MM	1 1/4	1 5/8-12	50.0	1.97	105.2	4.14	134.0	5.28	147.7	5.81
L24JF3090-110MM	1 1/2	1 7/8-12	55.0	2.17	105.5	4.15	110.0	4.33	160.7	6.33
L32JF4090-136MM	2	2 1/2-12	73.0	2.87	139.8	5.50	136.0	5.35	197.7	7.78

HOSE TAILS  
L Series

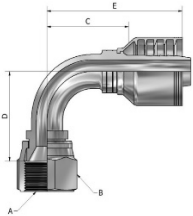


# SAE100R12 Four Wire Spiral

## 90 Degree

### L Series

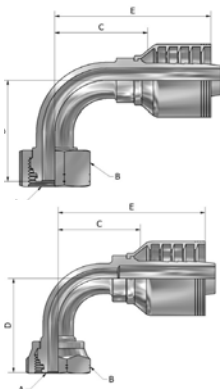
### KF - Komatsu Female Swivel 90° Elbow 30° Flare JIS Metric



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L08KF2290-31MM	1/2	M22*1.5P	27.0	1.06	42.3	1.67	31.0	1.22	72.7	2.86
L12KF3090-55MM	3/4	M30*1.5P	36.0	1.42	54.3	2.14	55.0	2.17	90.7	3.57

### L Series

### MF - O-Ring Metric Female 90° Elbow 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	MM	Inch	MM	Inch	MM	Inch	MM
L06MF00816A90-34MM	3/4	(L)	M16*1.5P	19.0	0.75	31.1	1.22	34.0	1.34	54.9	2.16
L06MF01016A90-34MM	3/8	(L)	M16*1.5P	19.0	0.75	31.1	1.22	34.0	1.34	54.9	2.16
L06MF01018A90-36MM	3/8	(S)	M18*1.5P	22.0	0.87	31.1	1.22	36.0	1.42	54.9	2.16
L06MF01218A90-36MM	3/8	(L)	M18*1.5P	22.0	0.87	31.1	1.22	36.0	1.42	54.9	2.16
L06MF01220A90-37MM	3/8	(S)	M20*1.5P	24.0	0.94	35.1	1.38	37.0	1.46	58.9	2.32
L06MF01422A90-37MM-	3/8	(S)	M22*1.5P	27.0	1.06	38.1	1.50	37.0	1.46	61.9	2.44
L06MF01522A90-37MM	3/8	(L)	M22*1.5P	27.0	1.06	38.1	1.50	37.0	1.46	61.9	2.44
L08MF01422A90-41.7MM	1/2	(S)	M22*1.5P	27.0	1.06	38.1	1.50	41.7	1.64	75.0	2.95
L08MF01522A90-41.7MM	1/2	(L)	M22*1.5P	27.0	1.06	45.1	1.78	41.7	1.64	75.5	2.97
L08MF01624A90-45MM	1/2	(S)	M24*1.5P	30.0	1.18	46.0	1.81	45.0	1.77	74.5	2.93
L08MF01826A90-46MM	1/2	(L)	M26*1.5P	32.0	1.26	39.0	1.54	46.0	1.81	69.4	2.73
L10MF01826A90-46MM	5/8	(L)	M26*1.5P	32.0	1.26	50.6	1.99	46.0	1.81	82.1	3.23
L10MF02536B90-59MM	5/8	(S)	M36*2.0P	46.0	1.81	56.6	2.23	59.0	2.32	88.1	3.47
L12MF01826A90-52.8MM	3/4	(L)	M26*1.5P	32.0	1.26	45.3	1.78	52.8	2.08	81.7	3.22
L12MF02030B90-56.5MM	3/4	(S)	M30*2.0P	36.0	1.42	52.3	2.06	56.5	2.22	88.7	3.49
L12MF02230B90-58MM	3/4	(L)	M30*2.0P	36.0	1.42	52.3	2.06	58.0	2.28	88.7	3.49
L12MF02536B90-60MM	3/4	(S)	M36*2.0P	46.0	1.81	50.3	1.98	60.0	2.37	86.7	3.41
L16MF02836B90-69.5MM	1	(L)	M36*2.0P	46.0	1.81	64.6	2.54	69.5	2.74	108.5	4.27
L16MF03042B90-80MM	1	(S)	M42*2.0P	50.0	1.97	64.6	2.54	80.0	3.14	108.5	4.27
L20MF03545B90-82.9MM	1 1/4	(L)	M45*2.0P	50.0	1.97	88.2	3.47	82.9	3.26	130.7	5.15
L24MF04252B90-101MM	1 1/2	(L)	M52*2.0P	60.0	2.36	105.0	4.13	101.0	3.98	160.2	6.31

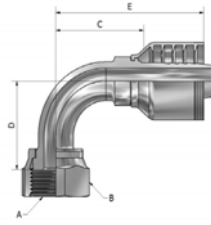


# SAE100R12 Four Wire Spiral

## 90 Degree

### L Series

### FO - Female O-Ring Face Seal Swivel 90° Elbow



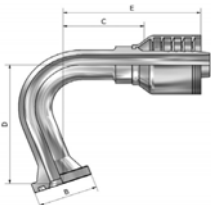
L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
L06FO1190-23MM	3/8	11/16-16	22.0	0.87	31.1	1.22	23.0	0.91	54.9	2.16
L06FO1190L-54MM	3/8	11/16-16	22.0	0.87	31.1	1.22	54.0	2.13	54.9	2.16
L06FO1390-29MM	3/8	13/16-16	23.8	0.94	33.0	1.30	29.0	1.14	56.8	2.24
L06FO1390L-63.8MM	3/8	13/16-16	23.8	0.94	33.0	1.30	63.8	2.51	56.8	2.24
L08FO1390-29MM	1/2	13/16-16	23.8	0.94	35.1	1.38	29.0	1.14	65.5	2.58
L08FO1390L-63.8MM	1/2	13/16-16	23.8	0.94	35.1	1.38	63.8	2.51	65.5	2.58
L08FO1690-32MM	1/2	1-14	30.0	1.18	38.2	1.50	32.0	1.26	68.6	2.70
L08FO1990-43MM	1/2	1 3/16-12	36.0	1.42	35.1	1.38	43.0	1.69	65.5	2.58
L10FO1690-32MM	5/8	1-14	30.0	1.18	40.6	1.60	32.0	1.26	72.1	2.84
L10FO1690L-70MM	5/8	1-14	30.0	1.18	40.6	1.60	70.0	2.76	72.1	2.84
L12FO1990-48MM	3/4	1 3/16-12	36.0	1.42	52.3	2.06	48.0	1.89	88.7	3.49
L12FO1990L-96MM	3/4	1 3/16-12	36.0	1.42	52.3	2.06	96.0	3.78	88.7	3.49
L12FO2390-56MM	3/4	1 7/16-12	41.0	1.61	52.3	2.06	56.0	2.20	88.7	3.49
L16FO2390-56MM	1	1 7/16-12	41.0	1.61	67.3	2.65	56.0	2.20	111.2	4.38
L16FO2390L-114MM	1	1 7/16-12	41.0	1.61	67.3	2.65	114.0	4.49	111.2	4.38
L16FO2790-75MM	1	1 11/16-12	50.0	1.97	62.6	2.46	75.0	2.95	106.5	4.19
L20FO2790-82MM	1-1/4	1 11/16-12	50.0	1.97	87.3	3.44	82.0	3.23	136.1	5.36
L20FO2790L-129MM	1-1/4	1 11/16-12	50.0	1.97	87.3	3.44	129.0	5.08	136.1	5.36
L24FO3290-101MM	1-1/2	2-12	60.0	2.36	105.0	4.13	101.0	3.98	160.2	6.31
L24FO3290L-141MM	1-1/2	2-12	60.0	2.36	100.2	3.94	141.0	5.55	160.2	6.31

## 110 Degree

### L Series

### F61 - SAE Code 61 Flange 110° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
L12F6112110	3/4	3/4	38.1	1.50	51.1	2.01	84.0	3.31	87.4	3.44
L12F6116110	3/4	1	44.5	1.75	52.8	2.08	84	3.31	22.1	3.03
L16F6116110	1	1	44.5	1.75	57.2	2.25	94.0	3.70	101.0	3.98

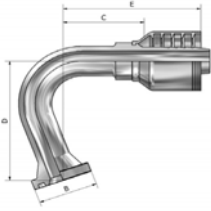
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## SAE100R12 Four Wire Spiral

### 110 Degree

L Series

### F61 - SAE Code 61 Flange 110° Elbow *Continued...*



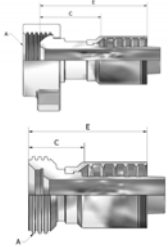
Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
L16F6120110	1	1 1/4	50.8	2.00	61.2	2.41	94.0	3.70	105.0	4.13
L20F6120110	1 1/4	1 1/4	50.8	2.00	69.6	2.74	104.0	4.09	112.1	4.41
L20F6124110	1 1/4	1 1/2	60.3	2.37	69.6	2.74	104.0	4.09	112.1	4.41
L24F6124110	1 1/2	1 1/2	60.3	2.37	83.4	3.28	124.0	4.88	138.6	5.46
L24F6132110	1 1/2	2	71.4	2.81	83.4	3.28	124.0	4.88	138.6	5.46
L32F6124110	2	1 1/2	60.3	2.37	84.3	3.32	123.7	4.87	142.2	5.60
L32F6132110	2	2	71.4	2.81	118.0	4.65	154.0	6.06	175.9	6.93

# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

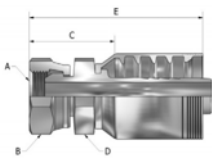
### HU - 1502 Hammer Union Male and Female



Part Number	Products Description					
	Hose In-Dia	Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	
	C		E			
N32FHU32	2	109.8	4.32	198.0	7.79	
N32MHU32	2	72.7	2.86	161.2	6.34	
NP32FHU32	2	109.8	4.32	198.0	7.79	
NP32MHU32	2	72.7	2.86	161.2	6.34	

### N Series

### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



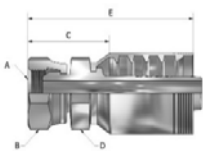
SS = Stainless Steel

NB: For 3/8 & 1/2 use L Series

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N10BF08	5/8	1/2-14	27.0	1.06	33.0	1.30	27.0	1.60	64.7	2.55
N10BF10	5/8	5/8-14	28.57	1.12	26.72	1.05	27.0	1.06	58.2	2.29
N10BF12	5/8	3/4-14	36.0	1.42	43.2	1.70	32.0	1.26	74.5	2.93
N12BF12	3/4	3/4-14	36.0	1.42	50.0	1.97	36.0	1.42	102.2	4.02
N16BF16	1	1-11	41.0	1.61	57.9	2.28	41.0	1.61	111.9	4.41
N16BF16SS	1	1-11	41.0	1.61	57.9	2.28	41.0	1.61	111.9	4.41
N16BF20	1	1 1/4-11	50.0	1.97	63.7	2.51	50.0	1.97	117.7	4.63
N20BF20	1 1/4	1 1/4-11	50.0	1.97	71.6	2.82	50.0	1.97	136.5	5.37
N24BF24	1 1/2	1 1/2-11	55.0	2.17	84.4	3.32	60.0	2.36	157.2	6.19
NP32BF32	2	2-11	70.0	2.76	85.3	3.36	70.0	2.76	168.2	6.62

### N Series

### BF - RB BSP Female Rock Breaker



Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N12BF12RB	3/4	3/4-14	36.0	1.42			36.0	1.42	102.2	4.02
N16BF16RB	1	1-11	41.0	1.61	53.1	2.09	41.0	1.61	111.9	4.41
N20BF20RB	1 1/4	1 1/4-11	50.0	1.47			50.0	1.97	136.5	5.37

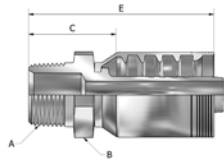


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

### BM - BSP Male Taper

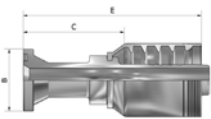


NB: For 3/8 & 1/2 use L Series

Part Number	Products Description									
	Hose In-Dia	Thread PT	Nipple Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N10BM12	5/8	3/4-14	36.0	1.42	41.4	1.63			69.1	2.72
N12BM12	3/4	3/4-14	36.0	1.42	40.1	1.58			95.6	3.76
N12BM16	3/4	1-11	41.0	1.61	43.5	1.71			98.7	3.88

### N Series

### F61 - SAE Code 61 Flange Straight



NB: For 3/8 & 1/2 use L Series

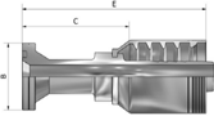
Part Number	Products Description								
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length		
		A	B	MM	Inch	MM	Inch	MM	Inch
N10F6110	5/8	5/8	34.0	6.73	62.9	2.48	90.6	3.57	
N12F6112	3/4	3/4	38.1	1.50	67.8	2.67	120.0	4.72	
N12F6116	3/4	1	44.5	1.75	54.3	2.14	106.5	4.19	
N16F6116	1	1	44.5	1.75	70.8	2.79	124.8	4.91	
N16F6120	1	1 1/4	50.8	2.00	43.5	1.71	97.5	3.84	
N20F6120	1 1/4	1 1/4	50.8	2.00	86.1	3.39	151.0	5.94	
N20F6124	1 1/4	1 1/2	60.3	2.37	71.8	2.83	136.7	5.38	
N24F6124	1 1/2	1 1/2	60.3	2.37	104.0	4.09	177.0	6.97	
N24F6132	1 1/2	2	71.2	2.80	71.9	2.83	144.9	5.70	
NP32F6132	2	2	71.2	2.80					

# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

### F62 - SAE Code 62 Flange Straight



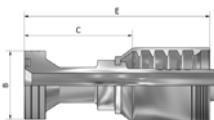
SS = Stainless Steel

NB: For 3/8 & 1/2 use L Series

Part Number	Products Description								
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length		
		A	B	MM	Inch	MM	Inch	MM	
N12F6212	3/4	3/4	413	1.63	71.9	2.83	124.4	4.90	
N12F6216	3/4	1	476	1.87	46.0	1.81	98.5	3.88	
N16F6212	1	3/4	413	1.63	89.5	3.52	143.5	5.65	
N16F6216	1	1	476	1.87	85.3	3.36	139.3	5.48	
N16F6220	1	1 1/4	540	2.13	54.3	2.14	108.7	4.28	
N20F6216	1 1/4	1	476	1.87	91.5	3.60	156.4	6.16	
N20F6220	1 1/4	1 1/4	540	2.13	92.8	3.65	158.1	6.22	
N20F6224	1 1/4	1 1/2	635	2.50	65.4	2.57	130.7	5.15	
N24F6220	1 1/2	1 1/4	540	2.13	93.0	3.66	172.0	6.77	
N24F6224	1 1/2	1 1/2	635	2.50	116.0	4.57	190.0	7.48	
N24F6232	1 1/2	2	794	3.13	86.4	3.40	159.4	6.28	
N24F6224SS	1 1/2	1 1/2	635	2.5	116.0	4.57	190.0	7.48	
NP32F6232	2	2	794	3.13	136.5	5.37	219.4	8.64	

### N Series

### FC62 - CAT Flange Straight



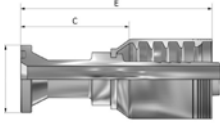
Part Number	Products Description								
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length		
		A	B	MM	Inch	MM	Inch	MM	
N12FC6212	3/4	3/4	413	1.63	71.9	2.83	124.4	4.90	
N12FC6216	3/4	1	476	1.87	50.6	1.99	103.2	4.06	
N16FC6216	1	1	476	1.87	87.5	3.44	141.5	5.57	
N16FC6220	1	1 1/4	540	2.13	55.4	2.18	109.8	4.32	
N20FC6220	1 1/4	1 1/4	540	2.13	93.4	3.68	158.7	6.25	
N20FC6224	1 1/4	1 1/2	635	2.50	68.3	2.69	133.6	5.26	
N24FC6224	1 1/2	1 1/2	635	2.50	118.6	4.67	191.6	7.54	
N24FC6232	1 1/2	2	794	3.13	86.4	3.40	159.4	6.28	

# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

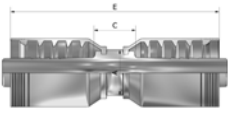
### LeTourneau Flange Straight



Part Number	Products Description								
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length		
		A	MM	Inch	MM	Inch	MM	Inch	
N24LT24	1/2	1 1/2	60.3	2.37	78.4	3.08	177.0	6.97	
NP32LT32	2	2	71.42	2.81	92.5	3.64	190.3	7.49	

### N Series

### HJ - Hose Joiner

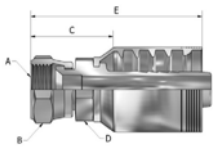


Part Number	Products Description					
	Hose In-Dia	Tail-Growth		Overall Length		
		MM	Inch	MM	Inch	
C			E			
N24HJ24	1 1/2	59.2	2.3	217.2	8.55	

NB: For 3/8 & 1/2 use L Series

### N Series

### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
A		B		C		D		E		
N10JF14	5/8	7/8-14	25.4	1.00	36.4	1.43	23.8	0.94	67.9	2.67
N10JF17	5/8	1 1/16-12	31.8	1.25	40.8	1.61	27.0	1.06	72.3	2.85
N12JF17	3/4	1 1/16-12	31.8	1.25	48.0	1.89	28.6	1.12	100.2	3.94
N12JF21	3/4	1 5/16-12	38.0	1.50	50.6	1.99	35.0	1.38	103.1	4.06
N16JF21	1	1 5/16-12	38.0	1.50	54.3	2.14	35.0	1.38	108.3	4.26
N20JF26	1 1/4	1 5/8-12	50.0	1.97	70.2	2.76	47.6	1.87	135.1	5.32
N20JF30	1 1/4	1 7/8-12	55.0	2.17	64.4	2.54	47.6	1.87	135.7	5.34
N24JF30	1 1/2	1 7/8-12	55.0	2.17	74.2	2.92	54.0	2.13	147.2	5.80
NP32JF40	2	2 1/2-12	73.0	2.87	91.7	3.61	63.5	2.50	174.6	6.87

NB: For 3/8 & 1/2 use L Series

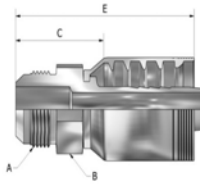


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

### JM - JIC Male 37° Swivel Straight

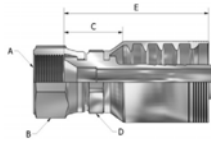


NB: For 3/8 & 1/2 use L Series

Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nipple Hex		Tail-Growth		Overall Length				
		A	B	MM	Inch	MM	Inch	MM	Inch	MM	Inch
N12JM17	3/4	1 1/16-12	28.6	1.12							
N12JM21	3/4	1 5/16-12	35.0	1.38	50.4	1.98	102.6	4.04			
N16JM21	1	1 5/16-12	36.0	1.42	50.8	2.00	109.2	4.29			

### N Series

### KF - Komatsu Female Swivel Straight 30° Flare JIS Metric

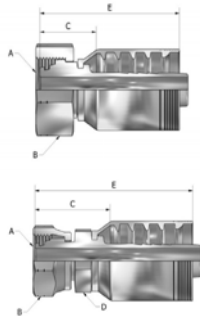


NB: For 3/8 & 1/2 use L Series

Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N10KF24	5/8	M24*1.5P	32.0	1.25	44.6	1.75	30.0	1.18	76.2	3.00
N12KF30	3/4	M30*1.5P	36.0	1.42	35.4	1.39	32.0	1.26	87.6	3.45
N16KF33	1	M33*1.5P	41.0	1.61	42.4	1.67	36.0	1.42	96.8	3.81

### N Series

### MF - O-Ring Metric Female Straight 24° Cone



(L) = Light Series Metric  
(S) = Heavy Series Metric

NB: For 3/8 & 1/2 use L Series

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			A	B	MM	Inch	MM	Inch	MM	Inch	MM
N10MFO1624A	5/8	(S)	M30*2.0P	36.0	1.42						
N10MFO1826A	5/8	(L)	M26*2.0P	32.0	1.26			24.0	0.94		
N10MFO2030B	5/8	(S)	M30*2.0P	36.0	1.42	31.9	1.26			59.6	2.35
N10MFO2536B	5/8	(S)	M36*2.0P	46.0	1.81	29.1	1.14			60.6	2.38
N12MFO2030B	3/4	(S)	M30*2.0P	36.0	1.42	47.1	1.85	32.0	1.26	99.3	3.91
N12MFO2230B	3/4	(L)	M30*1.5P	36.0	1.42	44.8	1.76	32.0	1.26	97.4	3.83
N12MFO2536B	3/4	(S)	M36*2.0P	46.0	1.81	34.3	1.35		0.00	87.1	3.43
N16MFO2536B	1	(S)	M36*2.0P	46.0	1.81	52.7	2.07	35.0	1.38	107.9	4.25
N16MFO3042B	1	(S)	M42*2.0P	50.0	1.97	45.6	1.80		0.00	99.6	3.92
N20MFO3042B	1 1/4	(S)	M42*2.0P	50.0	1.97	62.9	2.48	46.0	1.81	127.8	5.03
N20MFO3852B	1 1/4	(S)	M52*2.0P	60.0	2.36	48.3	1.90			113.2	4.46
N24MFO3852B	1 1/2	(S)	M52*2.0P	60.0	2.36	67.2	2.65	50.0	1.97	140.2	5.52

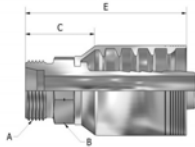


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

### MM - Metric Male Straight 24° Cone



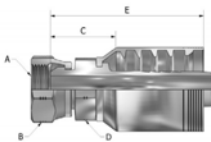
(S) = Heavy Series  
Metric

NB: For 3/8 & 1/2 use  
L Series

Part Number	Products Description									
	Hose In-Dia	DIN	Thread METRIC	Nipple Hex		Tail-Growth		Overall Length		
				MM	Inch	MM	Inch	MM	Inch	
			A	B		C		E		
N12MM2030B	3/4	(S)	M30*2.0P	30.0	1.18	38.8	1.53	91.3	3.59	
N16MM3042B	1	(S)	M42*2.0P			43.5	1.71	101.9	4.01	
N20MM3042B	1 1/4	(S)	M42*2.0P	46.0	1.81	51.8	2.04	119.1	4.69	
N20MM3852B	1 1/4	(S)	M52*2.0P	55.0	2.17	56.5	2.22	121.8	4.80	

### N Series

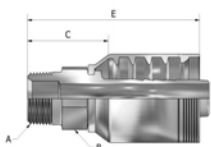
### NF - NPT Female S/W Straight



Part Number	Products Description									
	Hose In-Dia	Thread NPSM	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12NF12	3/4	3/4-14	32.0	1.26	38.1	1.50	30.0	1.18	90.6	3.57
N16NF16	1	1-11.5	41.0	1.61	44.5	1.75	35.0	1.38	98.9	3.89

### N Series

### NM - Taper Male NPT Straight



NB: For 3/8 & 1/2 use  
L Series

Part Number	Products Description									
	Hose In-Dia	Thread NPTF	Nipple Hex		Tail-Growth		Overall Length			
			MM	Inch	MM	Inch	MM	Inch		
		A	B		C		E			
N12NM12	3/4	3/4-14	28.6	1.12	46.0	1.81	98.2	3.87		
N16NM16	1	1-11.5	35.0	1.38	54.4	2.14	108.4	4.27		
N20NM20	1 1/4	1 1/4-11.5	46.0	1.81	69.6	2.74	134.5	5.30		
N24NM24	1 1/2	1 1/2-11.5	50.8	2.00	67.0	2.64	140.0	5.51		
NP32NM32	2	2-11.5	63.5	2.50						

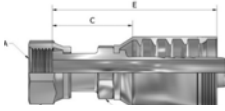


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## Straight

### N Series

### FO - Female O-Ring Face Seal Swivel Straight

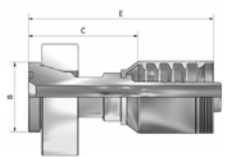


NB: For 3/8 & 1/2 use L Series

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N10FO16	5/8	1-14	30.0	1.18			23.8	0.94	71.8	2.82
N10FO19	5/8	1 3/16-12	36.0	1.42			28.5	1.12	76.6	3.02
N12FO19	3/4	1 3/16-12	36.0	1.42	49.1	1.93	30.0	1.18	101.3	3.99
N12FO23	3/4	1 7/16-12	41.0	1.61	53.3	2.10	35.0	1.38	105.5	4.15
N16FO23	1	1 7/16-12	41.0	1.61	56.5	2.22	35.0	1.38	110.5	4.35
N16FO27	1	1 7/16-12	50.0	1.97	51.2	2.01	41.0	1.61	109.6	4.31
N20FO27	1 1/4	1 11/16-12	50.0	1.97	61.8	2.43	46.0	1.81	126.7	4.99
N24FO32	1 1/2	2-12	60.0	2.36	76.4	3.01	50.8	2.00	149.4	5.88

### N Series

### FT - Taper Flange Straight (For Heavy Duty Mining Equipment)

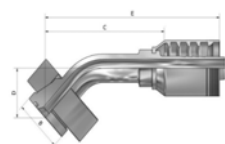


Part Number	Products Description							
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Overall Length	
			MM	Inch	MM	Inch	MM	Inch
	A	B		C		E		
N16FT16	1	1	49.5	1.95	78.5	3.09	132.9	5.23
N16FT20	1	1 1/4	57.5	2.26	69.0	2.72	123.0	4.84
N20FT20	1 1/4	1 1/4	57.5	2.26	105.7	4.16	171.0	6.73
N20FT24	1 1/4	1 1/2	68.5	2.70	90.7	3.57	156.0	6.14
N24FT24	1 1/2	1 1/2	68.5	2.70	130.0	5.12	203.0	7.99
N24FT32	1 1/2	2	83.5	3.29	115.0	4.53	188.0	7.40
NP32FT32	2	2	83.5	3.29	135.7	5.34	234.0	9.21

## 15 Degree

### N Series

### FT - Taper Flange 15° Elbow (For Heavy Duty Mining Equipment)



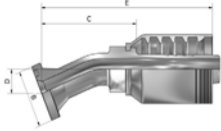
Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N24FT2415	1 1/2	1 1/2	68.5	2.70	217.0	8.54	24.0	0.94	290.0	11.4

# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 22.5 Degree

### N Series

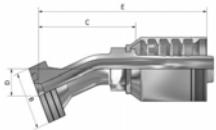
### F61 - SAE Code 61 Flange 22.5° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N12F611222.5	3/4	3/4	38.1	150	72.7	2.86	16.0	0.63	117.6	4.63
N12F611622.5	3/4	1	38.1	150	71.5	2.81	16.9	0.66	132.8	5.22
N16F611622.5	1	1	44.5	175	88.4	3.48	19.7	0.78	142.8	5.62
N16F612022.5	1	1 1/4	50.8	200	88.1	3.47	19.6	0.77	142.5	5.61
N20F612022.5	1 1/4	1 1/4	50.8	200	106.4	4.19	19.7	0.78	171.6	6.76

### N Series

### FC62 - CAT Flange 22.5° Elbow

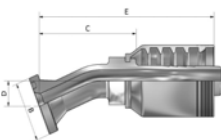


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N20FC622022.5	1 1/4	1 1/4	54.0	213	111.0	4.37	21.4	0.84	175.9	6.93
N24FC622422.5	1 1/2	1 1/2	63.5	250	137.3	5.41	27.6	1.09	210.3	8.28

## 30 Degree

### N Series

### F61 - SAE Code 61 Flange 30° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N12F611230	3/4	3/4	38.1	150	70.9	2.79	20.1	0.79	115.9	4.56
N12F611630	3/4	1	44.5	175	72.9	2.87	21.3	0.84	117.9	4.64
N16F611630	1	1	44.5	175	86.3	3.40	24.8	0.98	140.7	5.54
N16F612030	1	1 1/4	50.8	200	86.0	3.39	24.6	0.97	140.5	5.53
N20F612030	1 1/4	1 1/4	50.8	200	104.4	4.11	24.5	0.96	169.8	6.69

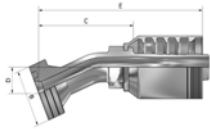


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 30 Degree

### N Series

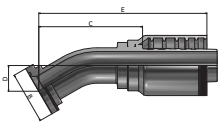
### FC62 -CAT Flange 30° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N20FC622030	1 1/4	1 1/4	54.0	2.13	108.2	4.26	26.7	1.05	173.6	6.83
N24FC622430	1 1/2	1 1/2	63.5	2.50	134.3	5.29	34.6	1.36	207.3	8.16

### N Series

### F62 - SAE Code 62 Flange 30° Elbow

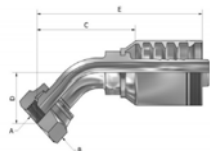


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
NP32F623230	2	2	79.4	3.13						

## 45 Degree

### N Series

### BF - BSP Female Parallel Pipe Swivel 45° Elbow 60° Cone

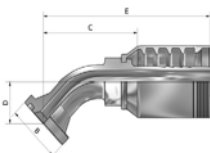


NB: For 3/8 & 1/2 use L Series v

Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N12BF1245	3/4	3/4-14	36.0	1.42	76.2	3.00	35.4	1.39	128.4	5.06
N16BF1645	1	1-11	41.0	1.61	89.8	3.54	40.4	1.59	143.8	5.66
N20BF2045	1 1/4	1 1/4-11	50.0	1.97	124.6	4.91	55.5	2.19	189.4	7.46
N24BF2445	1 1/2	1 1/2-11	55.0	2.17	142.5	5.61	60.1	2.37	215.3	8.48
NP32BF3245	2	2-11	70.0	2.76	173.7	6.84	68.8	2.71	256.6	10.10

### N Series

### F61 - SAE Code 61 Flange 45° Elbow



NB: For 3/8 & 1/2 use L Series

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N10F611045	5/8	5/8	34.1	1.34	59.9	2.36	27.0	1.06	91.4	3.59
N12F611245	3/4	3/4	38.1	1.50	67.2	2.65	26.4	1.04	119.4	4.70
N12F611645	3/4	1	44.5	1.75	68.9	2.71	28.0	1.10	121.0	4.76

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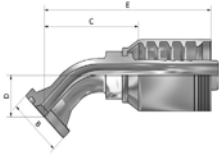


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 45 Degree

### N Series

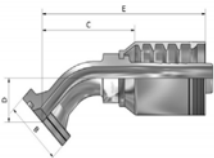
### F61 - SAE Code 61 Flange 45° Elbow *Continued...*



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N16F611245	1	3/4	41.3	1.63	74.2	2.92	31.6	1.24	132.6	5.22
N16F611645	1	1	44.5	1.75	81.4	3.20	32.0	1.26	135.3	5.33
N16F612045	1	1 1/4	50.8	2.00	81.4	3.20	32.0	1.26	135.3	5.33
N20F612045	1 1/4	1 1/4	50.8	2.00	107.1	4.22	38.0	1.50	171.9	6.77
N24F612445	1 1/2	1 1/2	60.3	2.37	123.4	4.86	41.0	1.61	196.4	7.73

### N Series

### F62 - SAE Code 62 Flange 45° Elbow



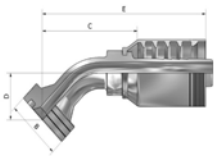
SS = Stainless Steel

NB: For 3/8 & 1/2 use L Series

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N12F621245	3/4	3/4	41.3	1.63	67.5	2.66	27.0	1.06	120.0	4.72
N12F621645	3/4	1	47.6	1.87	68.5	2.70	28.0	1.10	121.0	4.76
N16F621645	1	1	47.6	1.87	80.9	3.19	32.0	1.26	135.3	5.33
N16F622045	1	1 1/4	54.0	2.13	80.9	3.19	32.0	1.26	135.3	5.33
N20F622045	1 1/4	1 1/4	54.0	2.13	106.6	4.20	38.0	1.50	171.9	6.8
N20F622445	1 1/4	1 1/2	63.5	2.50	106.6	4.20	38.0	1.50	171.9	6.77
N24F622445	1 1/2	1 1/2	63.5	2.50	126.4	4.98	44.0	1.73	199.4	7.9
N24F622445SS	1 1/2	1 1/2	63.5	2.50	126.4	4.98	44.0	1.73	199.4	7.9
N32F623245	2	2	79.4	3.13	163.6	6.44	56.0	2.20	246.5	9.7

### N Series

### FC62 - CAT Flange 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N12FC621245	3/4	3/4	41.3	1.63	72.0	2.83	31.6	1.24	124.6	4.91
N12FC621645	3/4	1	47.6	1.87	72.0	2.83	31.5	1.24	124.6	4.91
N16FC621645	1	1	47.6	1.87	84.2	3.31	35.3	1.39	138.6	5.46
N16FC622045	1	1 1/4	54.0	2.13	84.2	3.31	35.3	1.39	138.6	5.46
N20FC622045	1 1/4	1 1/4	54.0	2.13	109.4	4.31	40.8	1.61	174.7	6.88

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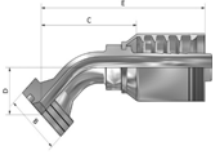


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 45 Degree

### N Series

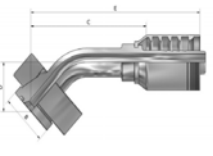
### FC62 - CAT Flange 45° Elbow *Continued...*



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N20FC622445	1 1/4	1 1/2	63.5	2.50	109.4	4.31	40.8	1.61	174.7	6.88
N24FC622445	1 1/2	1 1/2	63.5	2.50	127.5	5.02	45.2	1.78	200.5	7.89

### N Series

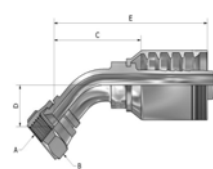
### FT - Taper Flange 45° Elbow (For Heavy Duty Mining Equipment)



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N16FT1645	1	1	49.5	1.95	124.6	4.91	50.0	1.97	179.0	7.05
N20FT2045	1 1/4	1 1/4	57.5	2.26	168.7	6.64	60.0	2.36	234.0	9.2
N20FT2445	1 1/4	1 1/2	68.5	2.70	178.7	7.04	60.0	2.36	244.0	9.6
N24FT2445	1 1/2	1 1/2	68.5	2.70	190.0	7.48	80.0	3.15	263.0	10.4
N24FT3245	1 1/2	2	83.5	3.29	206.0	8.11	95.0	3.74	279.0	10.98
NP32FT3245	2	2	83.5	3.29	206.7	8.14	90.0	3.54	305.0	12.01

### N Series

### JF - JIC Female 37° Swivel 45° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
N10JF1445	5/8	7/8-14	25.4	1.0	41.4	1.63	16.0	0.63	72.9	2.87
N12JF1745	3/4	1 1/16-12	31.8	1.25	67.9	2.67	27.0	1.06	120.0	4.72
N16JF2145	1	1 5/16-12	38.1	1.50	82.4	3.24	33.0	1.30	136.3	5.37
N20JF2645	1 1/4	1 5/8-12	50.0	1.97	114.1	4.49	45.0	1.77	178.9	7.04
N24JF3045	1 1/2	1 7/8-12	55.0	2.17	134.3	5.29	52.0	2.05	207.3	8.16

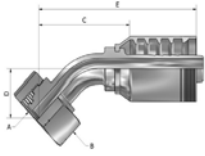
NB: For 3/8 & 1/2 use L Series

# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 45 Degree

### N Series

### MF - O-Ring Metric Female 45° Elbow 24° Cone



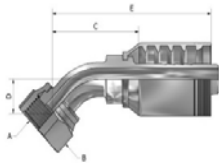
(S) = Heavy Series Metric

NB: For 3/8 & 1/2 use L Series

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	C	D	E				
N10MFO2030B45	5/8	(S)	M30*1.5P	36.0	1.42	58.9	2.32	25.0	0.98	90.4	3.55
N12MFO2030B45	3/4	(S)	M30*2.0P	36.0	1.42	73.1	2.88	32.3	1.27	125.3	4.93
N12MFO2536B45	3/4	(S)	M36*2.0P	46.0	1.81	70.1	2.76	34.0	1.34	122.9	4.84
N16MFO2536B45	1	(S)	M36*2.0P	46.0	1.81	85.4	3.36	33.0	1.30	139.3	5.48
N16MFO3042B45	1	(S)	M42*2.0P	50.0	1.97	96.2	3.79	37.0	1.46	150.2	5.91
N20MFO3852B45	1 1/4	(S)	M52*2.0P	60.0	2.36	119.1	4.69	50.0	1.97	183.9	7.24

### N Series

### FO - Female O-Ring Face Seal Swivel 45° Elbow



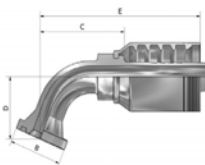
NB: For 3/8 & 1/2 use L Series

Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length		
		A	B	C	D	E					
N10FO1645	5/8	1-14	30.0	1.18	48.9	1.93	16.0	0.63	80.4	3.17	
N12FO1945	3/4	1 3/16-12	36.0	1.42	62.0	2.44	21.1	0.83	114.1	4.49	
N16FO2345	1	1 7/16-12	41.0	1.61	73.3	2.89	24.0	0.94	127.3	5.01	
N20FO2745	1 1/4	1 11/16-12	50.0	1.97	111.1	4.37	42.0	1.65	175.9	6.93	
N24FO3245	1 1/2	2-12	60.0	2.36	130.5	5.14	48.0	1.89	203.4	8.01	

## 60 Degree

### N Series

### F61 - SAE Code 61 Flange 60° Elbow



Part Number	Products Description										
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length		
		A	B	C	D	E					
N12F611260	3/4	3/4	38.1	1.50	66.2	2.61	36.0	1.42	111.1	4.37	
N12F611660	3/4	1	44.5	1.75	69.7	2.74	42.1	1.66	114.6	4.51	
N16F611660	1	1	44.5	1.75	80.2	3.16	38.0	1.50	132.6	5.22	
N16F612060	1	1 1/4	50.8	2.00	88.9	3.50	58.6	2.31	143.4	5.65	
N20F612060	1 1/4	1 1/4	50.8	2.00	88.8	3.50	47.4	1.87	168.7	6.64	

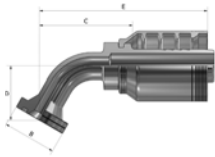


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 60 Degree

### N Series

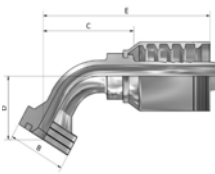
### F62 - SAE Code 62 Flange 60° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B	C	D	E	F				
N16F621260	1	3/4	38.1	150	71.5	2.81	41.6	1.63	129.9	5.11

### N Series

### FC62 - CAT Flange 60° Elbow

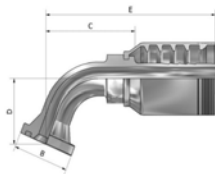


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B	C	D	E	F				
N20FC622060	1 1/4	1 1/4	54.0	2.13	107.8	4.24	55.2	2.17	173.1	6.81
N24FC622460	1 1/2	1 1/2	63.5	2.50	127.0	5.00	61.8	2.43	200.0	7.87

## 67.5 Degree

### N Series

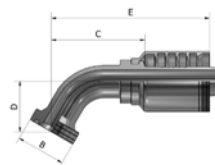
### F61 - SAE Code 61 Flange 67.5° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B	C	D	E	F				
N12F6112675	3/4	3/4	38.1	150	64.3	2.53	41.0	1.61	117.6	4.63
N12F6116675	3/4	1	44.5	1.75	66.3	2.61	44.1	1.74	111.3	4.38
N16F6116675	1	1	44.5	1.75	84.0	3.31	61.4	2.42	138.4	5.45
N16F6120675	1	1 1/4	50.8	2.00	86.1	3.39	61.4	2.42	138.4	5.45
N20F6120675	1 1/4	1 1/4	50.8	2.00	85.9	3.38	49.0	1.93	165.7	6.52

### N Series

### FC62 - CAT Flange 67.5° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B	C	D	E	F				
N16FC6216675	1	1	47.6	1.87						

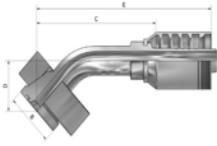


## SAE100R13, SAE100R15 Four & Six Wire Spiral

### 70 Degree

#### N Series

#### FT - Taper Flange 70° Elbow (For Heavy Duty Mining Equipment)

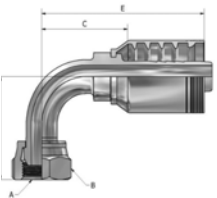


Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N20FT2070	1 1/4	1 1/4	575	226	179.7	7.07	96.0	3.78	245.0	9.6

### 90 Degree

#### N Series

#### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



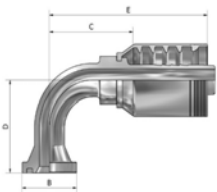
Part Number	Products Description									
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12BF1290-55MM	3/4	3/4-14	36.0	1.42	58.4	2.30	64.0	2.52	110.6	4.35
N12BF1290B-36MM	3/4	3/4-14	36.0	1.42	40.5	1.59	45.0	1.77	93.1	3.67
N16BF1690-73.5MM	1	1-11	41.0	1.61	74.6	2.94	84.0	3.31	128.6	5.06
N20BF2090-88.5MM	1 1/4	1 1/4-11	50.0	1.97	95.4	3.76	101.9	4.01	160.3	6.31
N24BF2490-110MM	1 1/2	1 1/2-11	55.0	2.17	114.6	4.51	120.0	4.72	187.4	7.38
NP32BF3290-138MM	2	2-11	70.0	2.76	151.7	5.97	152.9	6.02	234.6	9.24

B = Block

NB: For 3/8 & 1/2 use L Series

#### N Series

#### F61 - SAE Code 61 Flange 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
N12F611290-58MM	3/4	3/4	38.1	1.50	58.4	2.30	58.0	2.28	110.6	4.35
N12F611290L-83MM	3/4	3/4	38.1	1.50	58.1	2.29	83.0	3.27	103.0	4.06
N12F611690-58MM	3/4	1	44.5	1.75	58.4	2.30	58.0	2.28	110.6	4.35
N16F611690-70MM	1	1	44.5	1.75	71.6	2.82	70.0	2.76	125.6	4.94
N16F611690L-117MM	1	1	44.5	1.75	96.6	3.80	117.0	4.61	150.6	5.93
N16F612090-70MM	1	1 1/4	50.8	2.00	71.6	2.82	70.0	2.76	125.6	4.94
N20F612090-82MM	1 1/4	1 1/4	50.8	2.00	95.4	3.76	82.0	3.23	160.3	6.31
N20F612090L-140MM	1 1/4	1 1/4	50.8	2.00	115.4	4.54	140.0	5.51	180.3	7.10
N24F612490-104MM	1 1/2	1 1/2	60.3	2.37	114.6	4.51	104.0	4.09	187.6	7.39

L = Long Drop

NB: For 3/8 & 1/2 use L Series

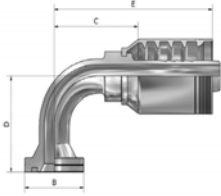


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 90 Degree

### N Series

### F62 - SAE Code 62 Flange 90° Elbow



L = Long Drop  
SS = Stainless Steel

NB: For 3/8 & 1/2 use L Series

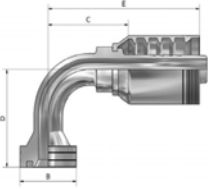
Part Number	Products Description										
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		A	B		C		D		E		
N12F621290-58MM	3/4	3/4	413	1.63	58.1	2.29	58.0	2.28	110.6	4.35	
N12F621290L-77MM	3/4	3/4	413	1.63	58.1	2.29	77.0	3.03	110.6	4.35	
N12F621290L-117MM	3/4	3/4	413	1.63	54.7	2.15	117.0	4.60	110.2	4.34	
N12F621690-58MM	3/4	1	476	1.87	58.1	2.29	58.0	2.28	110.6	4.35	
N12F621690L-77MM	3/4	1	476	1.87	58.1	2.29	77.0	3.03	110.6	4.35	
N12F621690L-117MM	3/4	1	476	1.87	58.1	2.29	117.0	4.61	110.6	4.35	
N16F621290-58MM	1	3/4	413	1.63	63.2	2.49	58.0	2.28	117.6	4.63	
N16F621690-70MM	1	1	476	1.87	71.2	2.80	70.0	2.76	125.6	4.94	
N16F621690L-117MM	1	1	476	1.87	71.2	2.80	117.0	4.61	125.6	4.94	
N16F622090-70MM	1	1 1/4	54.0	2.13	71.2	2.80	70.1	2.76	125.6	4.94	
N16F622090L-117MM	1	1 1/4	54.0	2.13	71.2	2.80	117.0	4.61	125.6	4.94	
N20F621690-70MM	1 1/4	1	476	1.87			70.0	2.76			
N20F622090-82MM	1 1/4	1 1/4	54.0	2.13	95.0	3.74	82.0	3.23	160.3	6.31	
N20F622090L-120MM	1 1/4	1 1/4	54.0	2.13	95.0	3.74	120.0	4.72	160.3	6.31	
N20F622090L-200MM	1 1/4	1 1/4	54.0	2.13	95.0	3.74	200.0	7.87	160.3	6.31	
N20F622490-82MM	1 1/4	1 1/2	63.5	2.50	95.4	3.76	82.0	3.23	160.3	6.31	
N20F622490L-120MM	1 1/4	1 1/2	63.5	2.50	115.4	4.54	120.0	4.72	180.3	7.10	
N24F622090-94MM	1 1/2	1 1/4	54.0	2.13	101.1	3.98	94.0	3.70	174.1	6.85	
N24F622090L-200MM	1 1/2	1 1/4	54.0	2.13	101.1	3.98	200.0	7.87	174.1	6.85	
N24F622490-104MM	1 1/2	1 1/2	63.5	2.50	114.6	4.51	104.0	4.09	187.6	7.39	
N24F622490L-180MM	1 1/2	1 1/2	63.5	2.5			180.0	7.08			
N24F622490SS-110.5MM	1 1/2	1 1/2	63.5	2.50	126.6		110.5	4.35	221.4	8.71	
N24F622490L-180MM	1 1/2	1 1/2	63.5	2.50	114.6	4.51	180.0	7.09	187.6	7.39	
N24F623290-104MM	1 1/2	2	79.4	3.13	116.1	4.57	104.0	4.09	189.1	7.44	
NP32F623290-124MM	2	2	79.4	3.13	154.5	6.08	124.0	4.88	237.4	9.35	
NP32F623290L-159MM	2	2	79.4	3.13	154.5	6.08	159.0	6.26	237.4	9.35	

# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 90 Degree

### N Series

### FC62 - CAT Flange 90° Elbow

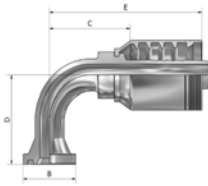


L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N12FC621290-64.4MM	3/4	3/4	413	1.63	58.1	2.29	64.4	2.54	110.6	4.35
N12FC621290L-117MM	3/4	3/4	413	1.63	54.7	2.15	1170	4.60	110.2	4.34
N12FC621690-62.7MM	3/4	1	476	1.87	58.1	2.29	62.7	2.47	110.6	4.35
N16FC621690-74.5MM	1	1	476	1.87	71.2	2.80	74.5	2.93	125.6	4.94
N16FC622090-74.5MM	1	1 1/4	54.0	2.13	71.2	2.80	74.5	2.93	125.6	4.94
N20FC622090-86.5MM	1 1/4	1 1/4	54.0	2.13	95.0	3.74	86.5	3.41	160.3	6.3
N20FC622490-86.5MM	1 1/4	1 1/2	63.5	2.50			86.5	3.41		
N20FC622490L-200MM	1 1/4	1 1/2	63.5	2.50	95.0	3.74	200.0	7.87	160.3	6.31
N24FC622490-104MM	1 1/2	1 1/2	63.5	2.50	114.6	4.51	104.0	4.09	187.6	7.4

### N Series

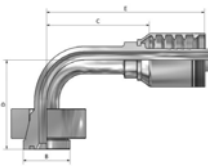
### LT - LeTourneau Flange 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N24LT2490-104MM	1 1/2	1 1/2	60.3	2.37	108.6	4.27	104	4.09	223.0	8.78
NP32LT3290-125MM	2	2	71.42	2.81	145.7	5.74	125	4.92	243.5	9.59

### N Series

### FT - Taper Flange 90° Elbow (For Heavy Duty Mining Equipment)



L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N16FT1690-90MM	1	1	49.5	1.95	99.6	3.92	90.0	3.54	158.0	6.22
N16FT2090-100MM	1	1 1/4	57.5	2.26	99.6	3.92	100.0	3.94	158.0	6.22
N20FT2090-120MM	1 1/4	1 1/4	57.5	2.26	135.7	5.34	120.0	4.72	207.0	8.1
N20FT2090L-160MM	1 1/4	1 1/4	57.5	2.26	135.7	5.34	160.0	6.30	207.0	8.1
N20FT2490-120MM	1 1/4	1 1/2	68.5	2.70	135.7	5.34	120.0	4.72	207.0	8.1
N24FT2490-140MM	1 1/2	1 1/2	68.5	2.70	155.0	6.10	140.0	5.51	234.0	9.2
N24FT3290-160MM	1 1/2	2	83.5	3.29	155.0	6.10	160.0	6.30	234.0	9.21
NP32FT2490-180MM	2	1 1/2	68.5	2.70	118.5	4.66	180.0	7.09	207.4	8.16
NP32FT3290-150MM	2	2	83.5	3.29	169.7	6.68	150.0	5.91	274.0	10.79

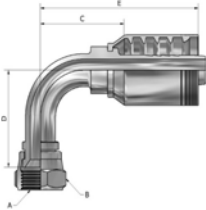


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 90 Degree

### N Series

### JF - JIC Female 37° Swivel 90° Elbow



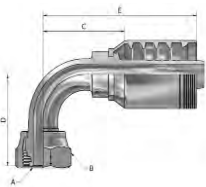
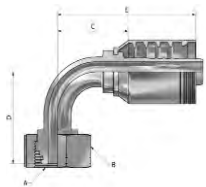
L = Long Drop  
B = Block

NB: For 3/8 & 1/2 use  
L Series

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N10JF1490L-66MM	5/8	7/8-14	25.4	1.00	46.5	1.83	66.0	2.59	78.0	3.07
N12JF1790-62MM	3/4	1 1/16-12	31.8	1.25	58.4	2.30	62.0	2.44	110.6	4.35
N12JF1790B-30MM	3/4	1 1/16-12	31.8	1.25			30.0	1.18		
N16JF2190-74MM	1	1 5/16-12	38.1	1.50	71.6	2.82	74.0	2.91	125.6	4.94
N16JF2190L-110MM	1	1 5/16-12	38.1	1.50	71.6	2.82	110	4.33	125.6	4.94
N20JF2690-85MM	1 1/4	1 5/8-12	50.0	1.97	95.4	3.76	85.0	3.35	160.3	6.31
N20JF2690L-130MM	1 1/4	1 5/8-12	50.0	1.97	115.0	4.53	130.0	5.12	180.3	7.10
N24JF3090-110MM	1 1/2	1 7/8-12	55.0	2.17	114.5	4.51	110.0	4.33	187.5	7.38
NP32JF4090-136MM	2	2 1/2-12	73.0	2.87	151.7	5.97	136.0	5.35	234.6	9.24

### N Series

### MF - O-Ring Metric Female 90° Elbow 24° Cone



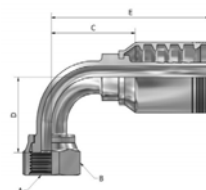
(S) = Heavy Series  
Metric  
(B) = Block

NB: For 3/8 & 1/2 use  
L Series

Part Number	Products Description										
	Hose In-Dia	DIN	Thread METRIC	Nut Hex		Tail-Growth		Drop		Overall Length	
			A	B	MM	Inch	MM	Inch	MM	Inch	MM
N10MF02030B90-52MM	5/8	(S)	M30*2.0P	36.0	1.42	48.5	1.91	52.0	2.05	80.00	3.15
N10MF02536B90-59MM	5/8	(S)	M36*2.0P	46.0	1.81			59.0	2.32		
N12MF02030B90-60.6MM	3/4	(S)	M30*2.0P	36.0	1.42	57.8	2.28	60.6	2.39	110.6	4.35
N12MF02536B90-65MM	3/4	(S)	M36*2.0P	46.0	1.81	53.7	2.11	65.0	2.56	106.5	4.19
N16MF02536B90-70MM	1	(S)	M36*2.0P	46.0	1.81	74.6	2.94	70.0	2.76	128.6	5.06
N16MF03042B90-75MM	1	(S)	M42*2.0P	50.0	1.97	69.6	2.74	75.0	2.95	123.6	4.87
N20MF03852B90-100MM	1 1/4	(S)	M52*2.0P	60.0	2.36	95.4	3.76	100.0	3.94	160.3	6.31

### N Series

### FO - Female O-Ring Face Seal Swivel 90° Elbow



L = Long Drop

Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		A	B	MM	Inch	MM	Inch	MM	Inch	MM
N10FO1690L-70MM	5/8	1-14	36.0	1.42	47.5	1.87	70.0	2.75	79.0	3.11
N10FO1990-43MM	5/8	1 3/16-12	36.0	1.42			43.0	1.69		
N12FO1990-48MM	3/4	1 3/16-12	36.0	1.42	58.4	2.30	48.0	1.89	110.6	4.35

Continued on following page...

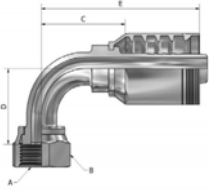


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 90 Degree

### N Series

### FO - Female O-Ring Face Seal Swivel 90° Elbow *Continued...*



L = Long Drop

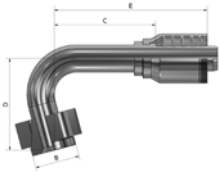
NB: For 3/8 & 1/2 use L Series

Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E			
N12FO1990L-96MM	3/4	1 3/16-12	36.0	1.42	58.4	2.30	96.0	3.78	110.6	4.35	
N12FO2390-56MM	3/4	1 7/16-12	41.0	1.61	58.1	2.29	56.0	2.2	110.6	4.35	
N16FO2390-56MM	1	1 7/16-12	41.0	1.61	70.6	2.78	56.0	2.20	124.6	4.91	
N16FO2390L-114MM	1	1 7/16-12	41.0	1.61	71.2	2.80	114.0	4.49	125.6	4.94	
N20FO2790-82MM	1 1/4	1 11/16-12	50.0	1.97	95.4	3.76	82.0	3.23	160.3	6.31	
N20FO2790L-129MM	1 1/4	1 11/16-12	50.0	1.97	115.4	4.54	129.0	5.08	180.3	7.10	
N24FO3290-101MM	1 1/2	2-12	60.0	2.36	114.8	4.52	101.0	3.98	187.6	7.39	

## 105 Degree

### N Series

### FT - Taper Flange 105° Elbow (For Heavy Duty Mining Equipment)

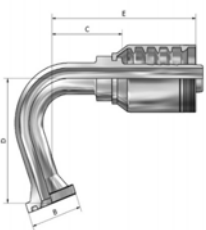


Part Number	Products Description										
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E			
N24FT24105	1 1/2	1 1/2	68.5	2.70	155.0	6.10	140.0	5.51	234.0	9.2	

## 110 Degree

### N Series

### F61 - SAE Code 61 Flange 110° Elbow



Part Number	Products Description										
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E			
N12F6112110	3/4	3/4	38.1	1.50	56.7	2.23	84.0	3.31	108.9	4.29	
N12F6116110	3/4	1	44.5	1.75	56.7	2.23	84.0	3.31	108.9	4.29	
N16F6116110	1	1	44.5	1.75	63.7	2.51	94.0	3.70	117.7	4.63	
N16F6120110	1	1 1/4	50.8	2.00	67.7	2.67	94.0	3.70	121.7	4.79	
N20F6120110	1 1/4	1 1/4	50.8	2.00	61.9	2.44	104.0	4.09	141.7	5.58	

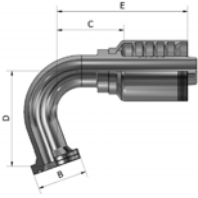


# SAE100R13, SAE100R15 Four & Six Wire Spiral

## 110 Degree

### N Series

### F62 - SAE Code 62 Flange 110° Elbow



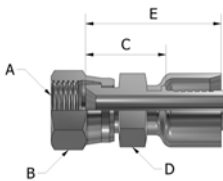
Part Number	Products Description									
	Hose In-Dia	Flange Size	Flange Dia		Tail-Growth		Drop		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
N20F6220110	1 1/4	1 1/4	54.0	2.13	76.4	3.01	104.0	4.09	141.7	5.58

## SAE100R14 Stainless PTFE

### Straight

### C Series

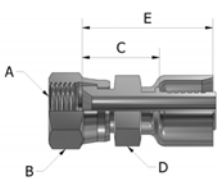
### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
C03JF07	3/16	7/16-20	14.3	0.56			14.3	0.56		
C04JF07	1/4	7/16-20	14.3	0.56			14.3	0.56		
C04JF09	1/4	9/16-18	16.9	0.66			15.8	0.61		
C06JF09	3/8	9/16-18	17.46	0.68			17.46	0.68		
C06JF12	3/8	3/4-16	21.7	0.85			21.7	0.85		
C08JF12	1/2	3/4-16	22.22	0.87	37.0	1.46	20.6	0.81	54.8	2.16
C08JF14	1/2	7/8-14	25.4	1.00			22.2	0.87		
C10JF14	5/8	7/8-14	25.4	1.00	39.9		22.2	0.87		
C10JF17	5/8	1 1/16-12	32.0	1.26			25.4	1.00		
C12JF17	3/4	1 1/16-12	32.0	1.26			25.4	1.00		
C16JF21	1	1 5/16-12	38.1	1.50			35.0	1.37		

### C Series

### SF - SAE Female Straight



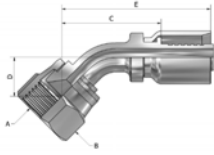
Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		A	MM	Inch	MM	Inch	MM	Inch	MM	Inch
C06SF10	3/8	5/8-18	19.0	0.74			17.5	0.68		
C10SF17	5/8	1 1/16-14	32.0	1.25			25.4	1.00		
C12SF17	3/4	1 1/16-14	32.0	1.25			25.4	1.00		

## SAE100R14 Stainless PTFE

### 45 Degree

C Series

### JF - JIC Female 37° Swivel 45° Elbow

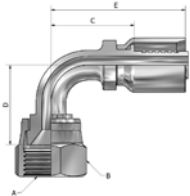


Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
C06JF1245	3/8	3/4-16	22.2	0.87	35.16	1.40	14.0	0.55	53.4	2.1

### 90 Degree

C Series

### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
		A	B		C		D		E	
C04JF0790-21MM	1/4	7/16-20	14.3				21.0	0.82		
C04JF0990-22MM	1/4	9/16-18	17.5				22.0	0.86		
C06JF0990-26MM	3/8	9/16-18	17.5				26.0	1.02		
C06JF1290-28MM	3/8	3/4-16	22.2		29.2	1.14	28.0	1.10	47.0	1.85
C08JF1290-31MM	1/2	3/4-16	22.2				31.0	1.22		
C08JF1490-31MM	1/2	7/8-14	25.4				31.0	1.22		
C12JF1790-53MM	3/4	1 1/16-12	31.8				53.0	2.08		



# Waterblast

## Straight

Waterblast

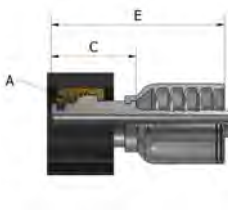
### KA - Karcher Pressure Wash Straight - Two Piece



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
G04KA22	1/4	M22*1.5P								
G05KA22	5/16	M22*1.5P								
G06KA22	3/8	M22*1.5P								

Waterblast

### KA - Karcher Pressure Wash Straight



Part Number	Products Description									
	Hose In-Dia	Thread METRIC	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
			MM	Inch	MM	Inch	MM	Inch	MM	Inch
	A	B		C		D		E		
K04KA22	1/4	M22*1.5P								
K05KA22	5/16	M22*1.5P								
K06KA22	3/8	M22*1.5P								

HOSE TAILS  
Waterblast

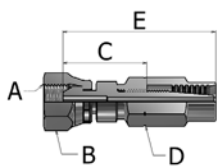


## Grease Hose Field Attachable

### Straight

**GH Series**

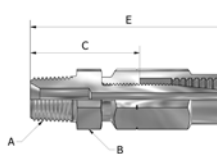
#### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



Part Number	Products Description									
Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E		
GH02BF02	1/8									

**GH Series**

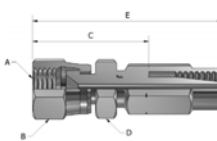
#### BM - BSP Male Taper Pipe Straight 60° Cone



Part Number	Products Description									
Hose In-Dia	Thread PT	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E		
GH02BM02	1/8	1/8-28			24.5	0.95	12.0	0.47	44	1.73

**GH Series**

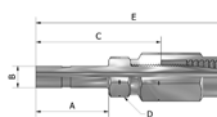
#### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E		
GH02JF07	1/8	7/16-20	14.3	0.56	30.7	1.21	14.0	0.55	50.2	1.98

**GH Series**

#### SP - Stand Pipe Male Straight

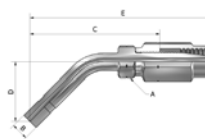


Part Number	Products Description									
Hose In-Dia	SP OD	Nut Hex		Tail-Growth		Nipple Hex		Overall Length		
	MM	MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E		
GH02SP06	1/8	6.0			34.6	1.36	10.0	0.39	54.1	2.13
GH02SP08	1/8	8.0			36.5	1.44	12.0	0.47	55.5	2.18

### 45 Degree

**GH Series**

#### SP - Stand Pipe Male 45°



Part Number	Products Description									
Hose In-Dia	SP OD	Nut Hex		Tail-Growth		Drop		Overall Length		
	MM	MM	Inch	MM	Inch	MM	Inch	MM	Inch	
	A	B		C		D		E		
GH02SP0645	1/8	6.0	10.0	0.39	45.0	1.77	20.5	0.8	64.0	2.52

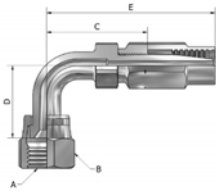


## Grease Hose Field Attachable

### 90 Degree

GH Series

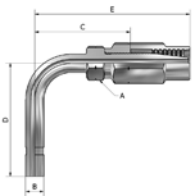
#### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
GH02JF0790-21MM	1/8	7/16-20	14.3	0.56	29.0	1.14	21.0	0.83	48.5	1.91

GH Series

#### SP - Stand Pipe Male 90°

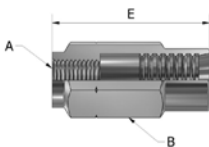


Part Number	Products Description									
	Hose In-Dia	SP OD	Nut Hex		Tail-Growth		Drop		Overall Length	
MM		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
GH02SP0690-37MM	1/8	6.0	10.0	0.39	31.5	1.24	37.0	1.46	51.0	2.0

### Shells

GH Series

#### Grease Shell



Part Number	Products Description									
			Nut Hex		Tail-Growth		Drop		Overall Length	
MM			Inch	MM	Inch	MM	Inch	MM	Inch	
B				C		D		E		
GH02SHELL			12	0.47					28.0	1.10

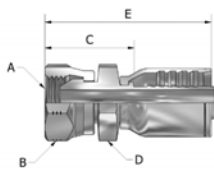
GH Series  
HOSE TAILS

## Grease Hose Tails - Crimp On

### Straight

#### J Series

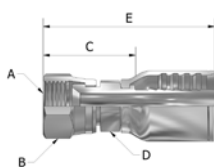
#### BF - BSP Female Parallel Pipe Swivel Straight 60° Cone



Part Number	Products Description									
	Hose In-Dia	Thread BSP	Nut Hex		Tail-Growth		Nipple Hex		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
J02BF02	1/8	1/8-28	14.0	0.55						
J02BF04	1/8	1/4-19	19.0	0.74						

#### J Series

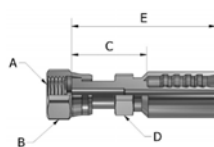
#### JF - JIC Female 37° Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
J02JF07	1/8	7/16-20	14.3	0.56						

#### J Series

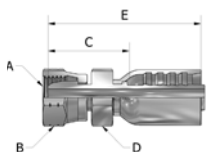
#### FO - Female O-Ring Face Seal Swivel Straight



Part Number	Products Description									
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Nipple OD		Overall Length	
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B		C		D		E		
J02FO09	1/8	9/16-18	17.5	0.69	29.0	1.14	14.3	0.56		

#### J Series

#### MF - Metric Female Ball Nose

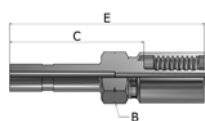


(LL) = Extra Light Series Metric  
(S) = Heavy Series Metric

Part Number	Products Description									
	Hose In-Dia	DIN	Thread Metric	Nut Hex		Tail-Growth		Nipple Hex		Overall Length
			MM	Inch	MM	Inch	MM	Inch		
A			B		C		D			
J02MF0610C	1/8	(LL)	M10*1P	11.6	0.45					
J02MF0614A	1/8	(S)	M14*1.5P	15.8	0.62			14.0	0.55	

#### J Series

#### SP - Stand Pipe Straight



Part Number	Products Description									
	Hose In-Dia	Length		OD		Tail-Growth		Overall Length		
MM		Inch	MM	Inch	MM	Inch	MM	Inch		
			B		C					
J02SP06	1/8	22.0	0.87	6.0	0.24					

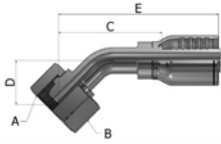


## Grease Hose Tails - Crimp On

### 45 Degree

J Series

#### MF - Metric Female Ball Nose 45° Elbow 24° Cone

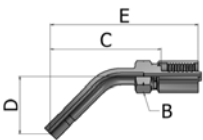


Part Number	Hose In-Dia	DIN	Thread METRIC		Nut Hex		Tail-Growth		Drop		Overall Length	
					MM	Inch	MM	Inch	MM	Inch	MM	Inch
			A	B	C		D		E			
J02MF0610C45	1/8	(LL)	M10*1P		11.6	0.45						

(LL) = Extra Light Series Metric

J Series

#### SP - Stand Pipe 45° Elbow

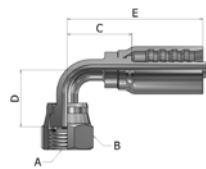


Part Number	Products Description										
	Hose In-Dia	OD		Tail-Growth		Drop		Overall Length			
		MM	Inch	MM	Inch	MM	Inch	MM	Inch		
B			C		D		E				
J02SP0645	1/8	6.0	0.24								

### 90 Degree

J Series

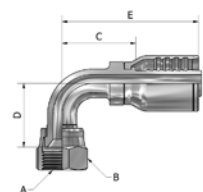
#### BF - BSP Female Parallel Pipe Swivel 90° Elbow 60° Cone



Part Number	Products Description										
	Hose In-Dia	Thread PF	Nut Hex		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B	C		D		E				
J02BF0290-25MM	1/8	1/8-28	14.0	0.55			25.0	0.98			

J Series

#### JF - JIC Female 37° Swivel 90° Elbow



Part Number	Products Description										
	Hose In-Dia	Thread UNF	Nut Hex		Tail-Growth		Drop		Overall Length		
			MM	Inch	MM	Inch	MM	Inch	MM	Inch	
A		B	C		D						
J02JF0790-21.1MM	1/8	7/16-20	14.3	0.56	24.2	0.95	21.1	0.83			

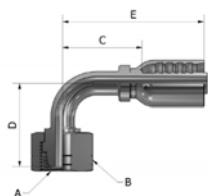


## Grease Hose Tails - Crimp On

### 90 Degree

J Series

#### MF - Metric Female Ball Nose 90° Elbow

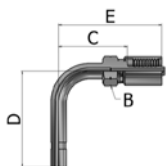


(LL) = Extra Light Series Metric

Part Number	Products Description										
	Hose In-Dia	DIN	Thread Metric	Nut Hex		Tail-Growth		Drop		Overall Length	
				MM	Inch	MM	Inch	MM	Inch		
			A	B		C		D			
J02MF0610C90-23.8MM	1/8	(LL)	M10*1P	11.6	0.45			23.8	0.93		

J Series

#### SP - Stand Pipe 90° Elbow



Part Number	Products Description									
	Hose In-Dia	OD		Tail-Growth		Drop		Overall Length		
		MM	Inch	MM	Inch	MM	Inch	MM	Inch	
		B		C		D		E		
J02SP0690-37MM	1/8	6.0	0.24			37.0	1.45			





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Cooperation and communication with our customers set us above our competitors. Taipan encourages great working relationships with suppliers and customers to reduce availability problems, delays, and quality issues.

We stock over 7000 hose, hose tail, adaptor and accessory products at our distribution hubs in

Caboolture, Rocklea, Melbourne, Perth and Adelaide. Our international supply chain includes over 50 hand picked, world-class component manufacturers in 17 countries across Europe, North America and Asia-Pacific.

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**TAIPAN**  
Hydraulic Hose Systems







*SECTION 3*  
**ADAPTORS**





## ADAPTOR IDENTIFICATION KEY

### SAMPLE

Q	EB	KL	09	45
	Adaptor Type	Thread Style	Thread Size	Angled (if required)

Notes: Each thread will have a code letter (refer following). If all of the threads are the same style, only one letter is required (e.g. QEBEE0604 can be shortened to QEBE0604). Thread should be in alphabetical order regardless of thread size (e.g. QAAB0402 not QABA0204) The thread size is in 1/16" increments i.e. 1 1/16 is 17, metric sizing is as per L (DIN Light) or S (DIN Heavy) i.e. L10 or S10. As with the thread style letters, you may shorten where all of the threads are the same size. Do not shorten letters for Tees where only two of the three threads are similar as this will cause confusion (E.G. QTEEEE020202 can be shortened to QTEE02 but QTEKLL070909 should be shown as such).

### Distributor Indicator (1st letter) Q = Taipan

Adaptor Type (2nd Letter Group)		Thread Style (3rd/4th Letter Group)	
A	Straight Adaptor	A	BSPP Female
B	Bulkhead Fitting	B	BSPT Female
C	Cap	BJ	Banjo Imperial
CR	Cross	C	BSP Flat Face
EB	Elbow Block (short)	D	BSPP Male
EBB	Bulkhead 90 Deg	E	BSPT Male
EL	Elbow Tube (long)	F	Code 61
ET	Elbow Tube	G	Code 62
FB	Flange Blank	H	JIS Imperial BSPP Female (Mitsubishi)
FC	Flange Clamp	J	JIS Imperial BSPP Male (Mitsubishi)
LEB	Long Drop Block Elbow	K	JIC Female
NE	Extended Nipple	L	JIC Male
NI	Nipple	M	JIS Metric Female (Komatsu)
NU	Nut	MBJ	Banjo Metric
P	Plug	N	JIS Metric Male (Komatsu)
R	Reducer	P	UN O'Ring Male (SAE O'Ring)
S	Socket	PF	UN O'Ring Female (SAE O'Ring)
TE	Tee	Q	Metric Female
WF	Weld On - Female	R	Metric Male Port
WM	Weld On - Male	S	Solid Female
		SF	SAE Female
		SM	SAE Male
		SP	Stand Pipe
		T	NPT Female
		U	NPT Male
		V	ORFS Female
		W	ORFS Male
		X	Low Pressure

#### Tube Fitting Type (2nd Letter Group)

TI	Tube Fittings Imperial
TM	Tube Fittings Metric

*Tube size always comes first and may be L (Light DIN) or S (Heavy DIN) as per original manufacturers part number.*

## ADAPTOR IDENTIFICATION KEY

### For Compression / Flare Fittings (3rd Letter Group)

A	Straight Male x Male
A1	Elbow Male
A2	Elbow Female Swivel x Male
A3	Run Tee Female Swivel x Male x Male
A4	Branch Tee Male x Male x Female Swivel
A6	Cap Insert
A7	Nut Metric
A8	Male Tube Blank
A9K	Flare Nut
A10K - M	Flare Sleeve K - JIC or M - Metric
A11	Cutting Ring
A12	Male Tee
A15	Bulkhead
A16	Metric Female Swivel
A17	Metric Female Swivel x Metric Male

### Flange Block Key

BF1FA-O	Code 61 to Imperial Pipe with O'Ring groove and clearance holes
BF1FB-UNC	Code 61 to Imperial Pipe with UNC tapped holes
BF2FA-O	Code 61 to Imperial Tube with O'Ring groove and clearance holes
BF2FB-UNC	Code 61 to Imperial Tube with UNC tapped holes
BF3FA-O	Code 61 to BSPP Female with O'Ring groove and clearance holes
BF3FB-UNC	Code 61 to BSPP Female with UNC tapped holes
BF3GA-O	Code 62 to BSPP Female with O'Ring groove and clearance holes
BF3GB-UNC	Code 62 to BSPP Female with UNC tapped holes
BF4AF	Side Port Adaptor Code 61 X BSPP
BF7FL-O	Code 61 X JIC Male with O'Ring groove and clearance holes
BF7GL-O	Code 62 X JIC Male with O'Ring groove and clearance holes
BF8GP-O	Code 62 X UNO Female with O'Ring groove and clearance holes

# Adaptors

## Straight

## Banjo x JIC

BSP Banjo x JIC



QABJL | Page 179

Metric Banjo x JIC



QALMBJ | Page 179

## Banjo Bolts

BSPP M



BANJO B-BSP  
Page 179

Metric M



BANJO B-M  
Page 180

## Bulkhead

BSPP M Bulkhead



QBD | Page 180

BSPP M x JIC M Bulkhead



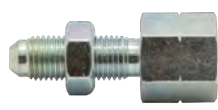
QBDL | Page 181

JIC M Bulkhead



QBL | Page 181

JIC M Bulkhead x NPT F



QBLTS | Page 181

ORFS M Bulkhead



QBW | Page 181

## Bulkhead Nut

BSPP Nut



QNUA | Page 182

JIC Nut



QNUK | Page 182

ORFS Nut



QNUV | Page 182

## Flange

BSPP M x Code 61



QADF | Page 182

Code 61 x JIC M



QAFL | Page 183

Code 62 x JIC M



QAGL | Page 183

Code 62 x ORFS M



QAGW | Page 184

## Male/Female Solid

BSPP F Solid x JIS BSP M



QAASJ | Page 184

BSPP F Solid x BSPP M



QAASD | Page 184



# Adaptors

<p>BSPP F x BSPP M</p>  <p>QRASD   Page 210</p>	<p>BSPT F x BSPP M</p>  <p>QRBSD   Page 211</p>	<p>BSPP M x JIC F</p>  <p>QADKS   Page 184</p>	<p>BSPT F x BSPT M</p>  <p>QRBSE   Page 211</p>	<p>BSPT F x BSPT M</p>  <p>QABSE   Page 185</p>		
<p>BSPT F x JIC M</p>  <p>QABSL   Page 185</p>	<p>BSPT F x UNO M</p>  <p>QABSP   Page 186</p>	<p>BSPT M x NPT F</p>  <p>QAETS   Page 186</p>	<p>BSPT M x UNO F</p>  <p>QAEFFS   Page 186</p>	<p>JIC F x JIC M</p>  <p>QAKSL &amp; QAKSL ORIFICE Page 186</p>		
<p>JIC F x JIC M</p>  <p>QRKSL   Page 212</p>	<p>JIC M x NPT F</p>  <p>QALTS   Page 187</p>	<p>NPT F x NPT M</p>  <p>QRTSU   Page 213</p>	<p>NPT F x NPT M</p>  <p>QATSU   Page 188</p>	<p>Metric F x JIS BSP M</p>  <p>QAQSJ   Page 188</p>		
<p>UNO F x UNO M</p>  <p>QAPFSP   Page 188</p>	<p>Female Swivel x Female Swivel</p>		<p>JIC F S/W x JIC F S/W</p>  <p>QAK   Page 188</p>	<p>Female Swivel x Female Solid</p>		<p>BSPP F S/W x BSPT F</p>  <p>QAABS   Page 189</p>
<p>JIC F x NPT F</p>  <p>QAKTS   Page 189</p>	<p>Male/Female Swivel</p>		<p>BSPP F S/W x BSPP M</p>  <p>QAAD   Page 189</p>	<p>BSPP F S/W x BSPT M</p>  <p>QAAE   Page 190</p>	<p>BSPP F S/W x JIC M</p>  <p>QAAL   Page 190</p>	



# Adaptors

BSPP F S/W x UNO M



QAAP | Page 191

BSPP M x JIC F S/W



QADK | Page 191

BSPP M x ORFS F



QADV | Page 192

BSPT M x JIC F S/W



QAEK | Page 192

BSPT M x ORFS F S/W



QAEV | Page 192

JIC F x JIC M



QAKL | Page 193

JIC F S/W x NPT M



QAKU | Page 193

JIC F S/W x UNO M



QAKP | Page 194

JIC F S/W x ORFS M



QAKW | Page 193

JIC M x ORFS F S/W



QALV | Page 194

ORFS F S/W x ORFS M



QAVW | Page 194

NPT F S/W x NPT M



QATU | Page 194

Nipple

BSPP M x BSPP M



QNID | Page 195

BSPP M x BSPT M



QNIDE | Page 195

BSPP M x JIC M



QNIDL | Page 196

BSPP M x JIS M  
Komatsu



QNIDN | Page 197

BSPP M x JIC M  
Extended



QNEDL | Page 198

BSPP M x NPT M



QNIDU | Page 198

BSPP M x ORFS M



QNIDW | Page 198

BSPT M



QNIE | Page 199

BSPT M x JIC M



QNIEL | Page 200

BSPT M x JIS M  
Metric Komatsu



QNIEN | Page 201

BSPT M x Metric M Port



QNIER | Page 201

BSPT M x NPT M



QNIEU | Page 202



# Adaptors

<p>BSPT M x ORFS M</p>  <p>QNIEW   Page 202</p>	<p>BSPT M x SAE M</p>  <p>QNIESM   Page 202</p>	<p>BSPT M x UNO M</p>  <p>QNIEP   Page 202</p>	<p>JIC M x JIS Komatsu M</p>  <p>QNILN   Page 203</p>	<p>JIS BSP M x JIC M</p>  <p>QNIJL   Page 203</p>
<p>JIC M x JIC M</p>  <p>QNIL   Page 203</p>	<p>JIC M x Metric M Port</p>  <p>QNILR   Page 204</p>	<p>JIC M x NPT M</p>  <p>QNILU   Page 205</p>	<p>JIC M x ORFS M</p>  <p>QNILW   Page 206</p>	<p>JIC M x UNO M</p>  <p>QNILP   Page 206</p>
<p>JIC M x UNO M Extended</p>  <p>QNELP   Page 208</p>	<p>Metric M Port x ORFS M</p>  <p>QNIRW   Page 208</p>	<p>ORFS M x ORFS M</p>  <p>QNIW   Page 209</p>	<p>NPT M x NPT M</p>  <p>QNIU   Page 208</p>	<p>SAE M x NPT M</p>  <p>QNISMU   Page 209</p>
<p>SAE M x SAE M</p>  <p>QNISM   Page 209</p>	<p>UNO M x ORFS M</p>  <p>QNIW   Page 210</p>	<p>Reducing Bush</p>		<p>BSPP F x BSPP M</p>  <p>QRASD   Page 210</p>
<p>BSPT F x BSPT M</p>  <p>QRBSE   Page 211</p>	<p>JIC F x JIC M</p>  <p>QRKSL   Page 212</p>	<p>NPT F x NPT M</p>  <p>QRTSU   Page 213</p>	<p>ORFS F S/W x ORFS M</p>  <p>QRVW   Page 213</p>	<p>MORE PRODUCTS COMING SOON</p>

# Adaptors

## Socket

BSPP F



QSA | Page 214

BSPT F



QSB | Page 214

NPT F



QST | Page 215

UNO F



QSPF | Page 215

## 45 Degree Elbows

### Elbow Block

BSPP F  
S/W x BSPT M



QEBAE | Page 216

BSPP M x BSPT M



QEBDE | Page 216

BSPP M x JIC M



QEBDL | Page 216

BSPT F x BSPT F



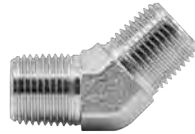
QEBBS | Page 217

BSPT F x BSPT M



QEBSE | Page 217

BSPT M x BSPT M



QEBE | Page 217

BSPT M x JIC M



QEBEL | Page 218

BSPT M x UNO M



QEBEP | Page 218

JIC F S/W x JIC M



QEBKL | Page 219

JIC F S/W x UNO M



QEBKP | Page 219

JIC M x NPT M



QEBLU | Page 219

JIC M x UNO M



QEBLP | Page 220

NPT F x NPT F



QEBTS | Page 220

NPT F x NPT M



QEBTSU | Page 220

NPT M x NPT M



QEBU | Page 221

ORFS F S/W x ORFS M



QEBVW | Page 221

UNO M x ORFS M



QEBPW | Page 221

MORE PRODUCTS  
COMING SOON



# Adaptors

Elbow Tube	Code 61 x JIC M	Code 62 x JIC M	Code 62 x ORFS M	JIC F x JIC M
				
	QETFL   Page 221	QETGL   Page 222	QETGW   Page 222	QETKL   Page 222
90 Degree Elbows	Bulkhead	JIC M Bulkhead x JIC M	Elbow Block	BSPP F S/W x BSPT M
				
		QEBLL   Page 223		QEBAE   Page 223
BSPP S/W F/M x UNO M	BSPP M x BSPT M	BSPP M x JIC M	BSPP M x ORFS M	BSPT F x BSPT F
				
QEBAP   Page 223	QEBDE   Page 224	QEBDL   Page 224	QEBDW   Page 225	QEBBS   Page 225
BSPT F x BSPT M	BSPT M x BSPT M	BSPT M x JIC F S/W	BSPT M x JIC M	BSPT M x UNO M
				
QEBBSE   Page 226	QEBE   Page 226	QEBEK   Page 227	QEBEL   Page 227	QEBEP   Page 228
JIC F S/W x JIC M	JIC F S/W x UNO M	JIC M x JIC M	JIC M x Metric M Port	JIC M x NPT M
				
QEBKL   Page 228	QEBKP   Page 229	QEBL   Page 229	QEBLR   Page 230	QEBLU   Page 230



# Adaptors

JIC M x UNO M



QEBLP | Page 231

JIS F S/W Metric  
Komatsu x JIS M



QEBMN | Page 232

JIS BSPP F S/W x JIS  
BSPP M



QEBHJ | Page 232

NPT F x NPT F



QEBTS | Page 232

NPT F x NPT M



QEBTSU | Page 232

NPT F S/W x NPT M



QEBTU | Page 233

NPT M x NPT M



QEBU | Page 233

NPT M x ORFS M



QEBUW | Page 233

ORFS F S/W x ORFS M



QEBVW | Page 233

ORFS M x ORFS M



QEBW | Page 234

SAE F S/W x SAE M



QEBSFSM | Page 234

UNO M x ORFS M



QEBPW | Page 234

Elbow Block  
Long Drop

JIC M x UNO M Extended



QLEBLU | Page 234

JIC M x UNO M Extended



QLEBLP | Page 235

Elbow Tube

Code 61 x JIC M



QETFL | Page 235

Code 62 x JIC M



QETGL | Page 235

Code 62 x ORFS M



QETGW | Page 236

JIC F S/W x JIC M



QETKL | Page 236

Elbow Tube  
Long

Code 61 x JIC M



QELFL | Page 236

Code 62 x JIC M



QELGL | Page 236

JIC F S/W x JIC M



QELKL | Page 237

MORE PRODUCTS  
COMING SOON



# Adaptors

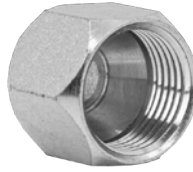
## Caps

BSPP F S/W



QCA | Page 237

JIC F Solid



QCKS | Page 237

JIC F S/W



QCK | Page 238

JIS BSPP F  
Mitsubishi



QCH | Page 238

JIS F  
Metric Komatsu



QCMS | Page 238

ORFS F S/W



QCV | Page 239

## Cross

BSPT F



QCRBS | Page 239

JIC M



QCLR | Page 239

## Flange Block / Side Port

Code 61

Code 61 Flange Blanking Plate  
- with O'Ring Groove



QFBF-B-O | Page 239

Code 61 Flange Blanking Plate  
UNC Holes



QFBF-B-UNC | Page 240

Code 61 Block x BSPP F  
with O'Ring Groove



BF3FA-O | Page 240

Code 61 Block x BSPP F  
with UNC Holes



BF3FB-UNC | Page 240

Code 61 Block x JIC M  
with O'Ring Groove



BF7FL-O | Page 240

Code 61 x BSPP F Side  
Port with O'Ring Groove



BF4AF | Page 241

Code 62

Code 62 Flange Blanking  
Plate with O'Ring Groove



QFBG-B-O | Page 241

Code 62 Flange Blanking  
Plate with UNC Holes



QFBG-B-UNC | Page 241

Code 62 Block x BSPP F  
with O'Ring Groove



BF3GA-O | Page 241

Code 62 Block x BSPP F  
with UNC Holes



BF3GB-UNC | Page 241

Code 62 Block x UNO F  
with O'Ring Groove



BF8GP-O | Page 242

Code 62 Block x JIC M  
with O'Ring Groove



BF7GL-O | Page 242

Can't find what you're looking for?

1300 654 782

# Adaptors

## Flange Clamps & Bolts

### Bolt Set Code 61

Code 61 Bolt Set Metric



QFCF-BOLT-METRIC  
Page 242

Code 61 Bolt Set UNC



QFCF-BOLT-UNC  
Page 242

### Bolt Set Code 62

Code 62 Bolt Set Metric



QFCG-BOLT-METRIC  
Page 243

Code 62 Bolt Set UNC



QFCG-BOLT-UNC | Page 243

## Clamps Including Bolts

Code 61 Flange Clamp Set UNC



QFCF-UNC | Page 243

Code 62 Flange Clamps Set Metric



QFCG-METRIC | Page 243

## Clamps & Accessories

Code 61 Flange Clamps



QFCF | Page 244

Code 62 Flange Clamps



QFCG | Page 244

CAT Flange Clamps



QFCG-CAT-UNC  
Page 244

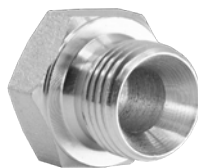
CAT Spacer Ring



CAT | Page 244

## Plugs

BSPP M



QPD | Page 245

BSPP M Allen Head



QPD-A | Page 245

BSPT M



QPE | Page 245

BSPT M Counter Sunk



QPE-CS | Page 246

Code 61 Blanking Plug



QBF | Page 246

Code 62 Blanking Plug



QFBG | Page 246

JIC M



QPL | Page 246

JIS BSP Imperial Mitsubishi



QPJ | Page 247

JIS M Metric Komatsu



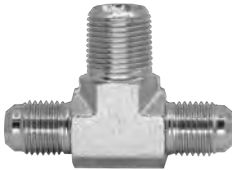






QPN | Page 247





# Adaptors

<p><b>Metric M Port Plug</b></p>  <p><b>QPR</b>   Page 247</p>	<p><b>NPT M</b></p>  <p><b>QPU</b>   Page 248</p>	<p><b>NPT M (Counter Sunk)</b></p>  <p><b>QPU-CS</b>   Page 248</p>	<p><b>ORFS M</b></p>  <p><b>QPW</b>   Page 248</p>	<p><b>UNO M Allen Head</b></p>  <p><b>QPP-A</b>   Page 249</p>
<p><b>UNO M</b></p>  <p><b>QPP</b>   Page 249</p>	<p><b>Tee Piece</b></p>		<p><b>Branch Tee</b></p>	
			<p><b>BSPP F S/W x BSPP F S/W x BSPP M</b></p>  <p><b>QTEAAE</b>   Page 250</p>	<p><b>BSPT M x BSPT M x BSPP F S/W</b></p>  <p><b>QTEEEA</b>   Page 249</p>
<p><b>JIC M x JIC M x BSPP M</b></p>  <p><b>QTELLD</b>   Page 250</p>	<p><b>JIC M x JIC M x BSPT M</b></p>  <p><b>QTELEL</b>   Page 250</p>	<p><b>JIC M x JIC M x JIC F S/W</b></p>  <p><b>QTELLK</b>   Page 250</p>	<p><b>JIC M x JIC M x JIC Bulkhead M</b></p>  <p><b>QTELLBL</b>   Page 251</p>	<p><b>JIC M x JIC M x NPT M</b></p>  <p><b>QTELLU</b>   Page 251</p>
<p><b>JIC M x JIC M x UNO M</b></p>  <p><b>QTELLP</b>   Page 251</p>	<p><b>NPT F x NPT F x NPT M</b></p>  <p><b>QTESTSU</b>   Page 252</p>	<p><b>NPT M x NPT M x NPT F</b></p>  <p><b>QTEUUTS</b>   Page 252</p>	<p><b>ORFS M x ORFS M x ORFS F S/W</b></p>  <p><b>QTEWWV</b>   Page 252</p>	<p><b>Equal Female</b></p>
<p><b>BSPP F</b></p>  <p><b>QTEAS</b>   Page 252</p>	<p><b>BSPT F</b></p>  <p><b>QTEBS</b>   Page 253</p>	<p><b>NPT F</b></p>  <p><b>QTEFS</b>   Page 253</p>	<p><b>Equal Male</b></p>	
				<p><b>BSPT M</b></p>  <p><b>QTEEM</b>   Page 253</p>



# Adaptors

JIC M



QTEL | Page 254

NPT M



QTEU | Page 254

ORFS M



QTEW | Page 254

Run Tee

BSPP F x BSPP M x BSPP M



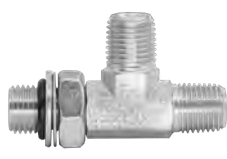
QTEASDD | Page 255

BSPP F S/W x BSPT M x BSPT M



QTEAEE | Page 255

BSPP M x BSPT M x BSPT M



QTEDEE | Page 255

BSPP M x JIC M x JIC M



QTEDLL | Page 255

BSPT F x BSPT M x BSPT F



QTEBEBS | Page 256

BSPT M x JIC M x JIC M



QTEELL | Page 256

JIC F S/W x JIC M x JIC M



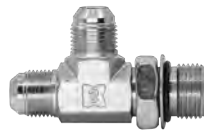
QTEKLL | Page 256

JIC M Bulkhead x JIC M x JIC M



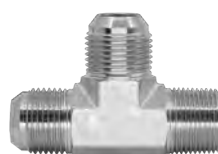
QTEBLLL | Page 257

JIC M x UNO M x JIC M



QTELPL | Page 257

JIC M x NPT M x JIC M



QTELUL | Page 257

JIS S/W Komatsu x JIS M x JIS M



QTEMNN | Page 258

NPT F x NPT M x NPT F



QTETSUTS | Page 258

NPT F S/W x NPT M x NPT F



QTETUTS | Page 258

ORFS F S/W x ORFS M x ORFS M



QTEVWW | Page 258

Test Tees

BSPP F S/W x BSPP M x UNO F



QTEADPFS | Page 259

JIC F S/W x JIC M x UNO F



QTEKLPFS | Page 259

ORFS F S/W x ORFS M x UNO F



QTEVWPFS | Page 259

Tube Fittings Metric

90 Degree Elbow M/F Swivel

Metric F S/W x Metric Tube M



QTMA2 | Page 260

# Adaptors

<p><b>90 Degree Elbow M/M</b></p>	<p>Metric Tube M x BSPP M</p>  <p>QTMA1D   Page 260</p>	<p>Metric Tube M x BSPT M</p>  <p>QTMA1E   Page 261</p>	<p>Metric Tube M x Metric Tube M</p>  <p>QTMA1   Page 262</p>	<p>Metric Tube M x UNO</p>  <p>QTMA1P   Page 262</p>
<p>Metric Tube x Metric Taper M</p>  <p>QTMA1R   Page 263</p>	<p><b>Blanking Plug</b></p>	<p>Metric Tube Blanking Plug</p>  <p>QTMA8   Page 263</p>	<p><b>Bulkhead</b></p>	<p>Metric Tube M Bulkhead</p>  <p>QTMA15   Page 264</p>
<p><b>Blanking Cap</b></p>	<p>Metric Tube Blanking Cap (Sold as set)</p>  <p>QTMA6   Page 265</p>	<p><b>Cutting Ring</b></p>	<p>Metric Cutting Ring</p>  <p>QTMA11   Page 265</p>	<p>Metric Cutting Ring Stainless Steel</p>  <p>QTMA11-SS   Page 266</p>
<p><b>Straight</b></p>	<p>Metric Tube M x BSPP F</p>  <p>QTMAAS   Page 267</p>	<p>Metric F S/W x BSPP Port M</p>  <p>QTMA16D   Page 268</p>	<p>Metric F S/W x Metric Tube M</p>  <p>QTMA17   Page 269</p>	<p>Metric Tube M Joiner</p>  <p>QTMA   Page 269</p>
<p>Metric Tube M x BSPP M</p>  <p>QTMA D   Page 270</p>	<p>Metric Tube M x BSPT M</p>  <p>QTMA E   Page 271</p>	<p>Metric Tube M x JIC M</p>  <p>QTMA L   Page 272</p>	<p>Metric Tube M x NPT M</p>  <p>QTMA U   Page 273</p>	<p>Metric Tube M x UNO M</p>  <p>QTMA P   Page 273</p>

# Adaptors

Metric Tube M x  
Metric Taper M



QTMAR | Page 274

Tee

Metric Tube F S/W x  
Metric Tube M



QTMA3 | Page 274

Metric Tube M x Metric  
Tube M x Metric Tube F S/W



QTMA4 | Page 275

Metric Tube M  
Tee Piece



QTMA12 | Page 276

Tube  
Nut

Metric Tube Nut



QTMA7 | Page 276

Tube  
Fittings  
Imperial

Straight

Imperial Compression  
x JIC M



QTIAL | Page 277

Tube Joiners  
Imperial Compression



QTIA | Page 277

Cutting Ring

Imperial Tube  
Cutting Ring



QTIA11 | Page 277

Flare Nuts &  
Sleeves

JIC Tube Nut



QTIA9K | Page 278

JIC Tube Sleeve JIC



QTIA10K | Page 278

Tube Nut & Sleeve SS  
(Sold as set)



QTIA9/10-K-SS  
Page 278

Weld On

Weld On  
Female

BSPP F S/W



QWFA | Page 279

JIC F S/W



QWFK | Page 279

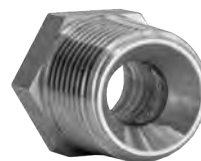
UNO F



QWFPFS | Page 280

Weld On  
Male

BSPT M



QWME | Page 280

Code 61



QWMF | Page 280

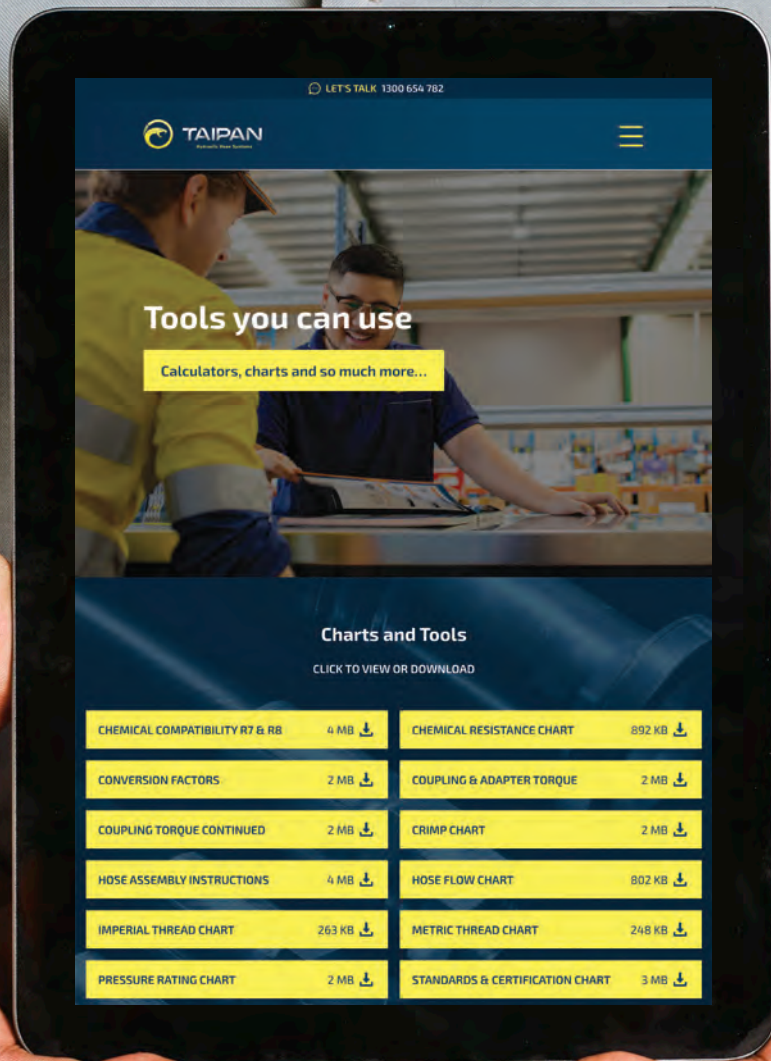




# Adaptors

Code 62  QWMG   Page 281	JIC M  QWML   Page 281	ORFS M  QMMW   Page 281	MORE PRODUCTS COMING SOON	MORE PRODUCTS COMING SOON
Suction Hose Low Pressure	Straight	BSPP F Swivel Nut x L/P HT  QAAX   Page 91	BSPP Parallel M x L/P HT  QADX   Page 91	BSPT M x L/P HT  QAEX   Page 91
		Code 61 Flange x L/P HT  QAFX   Page 92	NPT M x L/P HT  QAUX   Page 92	UNO M x L/P HT  QAPX   Page 93
90 Degrees	BSPP F Swivel x L/P HT  QEBAX   Page 93	BSPP M x L/P HT 90°  QEBDX   Page 94	BSPT M x L/P HT 90°  QEBEX   Page 94	Code 61 Flange x L/P HT 90°  QETFX   Page 95
	UNO M x L/P HT 90°  QEBPX   Page 95	Tee Piece	L/P x L/P x BSPP F S/W  QTEXXA   Page 95	MORE PRODUCTS COMING SOON





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**TAIPAN**  
Hydraulic Hose Systems

## Adaptors Straight

### Banjo x JIC

Straight



#### BSP Banjo x JIC Adaptor

Part Number	BSP Banjo	JIC M
QABJL0407	1/4	7/16
QABJL0409	1/4	9/16
QABJL0607	3/8	7/16
QABJL0609	3/8	9/16
QABJL0612	3/8	3/4
QABJL0812	1/2	3/4

Straight



#### Metric Banjo x JIC Adaptor

Part Number	JIC M	Metric Banjo
QALMBJ0708	7/16	8MM
QALMBJ0710	7/16	10MM
QALMBJ0712	7/16	12MM
QALMBJ0714	7/16	14MM
QALMBJ0716	7/16	16MM
QALMBJ0718	7/16	18MM
QALMBJ0912	9/16	12MM
QALMBJ0914	9/16	14MM
QALMBJ0916	9/16	16MM
QALMBJ0918	9/16	18MM
QALMBJ0920	9/16	20MM
QALMBJ0922	9/16	22MM
QALMBJ1222	3/4	22MM

### Banjo Bolts

Banjo Bolts



#### BSPP

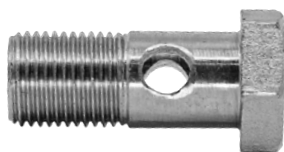
Part Number	BSPP	Bolt Length
BANJO B-BSP02	1/8	24MM
BANJO B-BSP04	1/4	29MM
BANJO B-BSP06	3/8	38MM
BANJO B-BSP08	1/2	44MM
BANJO B-BSP12	3/4	55MM
BANJO B-BSP16	1	68MM



## Adaptors Straight

### Banjo Bolts

Banjo Bolts



#### Metric

Part Number	Metric	Bolt Length
BANJO B-M8	8MM x 1.5	19MM
BANJO B-M10	10MM x 1	19MM
BANJO B-M12	12MM x 1.5	24MM
BANJO B-M14	14MM x 1.5	26MM
BANJO B-M16	16MM x 1.5	38MM
BANJO B-M18	18MM x 1.5	32MM
BANJO B-M20	20MM x 1.5	38MM
BANJO B-M22	22MM x 1.5	42MM
BANJO B-M26	26MM x 1.5	45MM
BANJO B-M30	30MM x 2	51MM

### Bulkhead

Straight



#### BSP Parallel Male Bulkhead

Part Number	BSPP M	BSPP M B/H
QBD04	1/4	1/4
QBD06	3/8	3/8
QBD08	1/2	1/2
QBD12	3/4	3/4
QBD16	1	1
QBD20	1 1/4	1 1/4
QBD24	1 1/2	1 1/2
QBD32	2	2

## Adaptors Straight

### Bulkhead

Straight



#### BSPP Male x JIC Male Bulkhead

Part Number	BSPP M	JIC M B/H
QBDL0609	3/8	9/16
QBDL0812	1/2	3/4
QBDL0814	1/2	7/8
QBDL1217	3/4	1 1/16
QBDL1621	1	1 5/16

Straight



#### JIC Male Bulkhead

Part Number	JIC M	JIC M B/H
QBL07	7/16	7/16
QBL09	9/16	9/16
QBL12	3/4	3/4
QBL14	7/8	7/8
QBL17	1 1/16	1 1/16
QBL21	1 5/16	1 5/16
QBL26	1 5/8	1 5/8
QBL30	1 7/8	1 7/8
QBL40	2 1/2	2 1/2

Straight



#### JIC Male Bulkhead x NPT Female Solid

Part Number	JIC M B/H	NPT F Solid
QBLTS0702	7/16	1/8
QBLTS0704	7/16	1/4

Straight



#### ORFS Male Bulkhead

Part Number	ORFS M	ORFS M B/H
QBW09	9/16	9/16
QBW11	11/16	11/16
QBW13	13/16	13/16
QBW16	1	1
QBW19	1 3/16	1 3/16
QBW23	1 7/16	1 7/16
QBW27	1 11/16	1 11/16



## Adaptors Straight

### Bulkhead Nut

Straight



#### BSP Bulkhead Nut

Part Number	BSP
QNUA04	1/4
QNUA06	3/8
QNUA08	1/2
QNUA16	1
QNUA32	2

Straight



#### JIC Bulkhead Nut

Part Number	JIC
QNUK07	7/16
QNUK09	9/16
QNUK12	3/4
QNUK14	7/8
QNUK17	1 1/16
QNUK21	1 5/16

Straight



#### ORFS Bulkhead Nut

Part Number	ORFS
QNUV16	1
QNUV19	1 3/16

### Flange

Straight



#### BSP Male x Code 61 Flange

Part Number	BSP M	C61 Flange
QADF16	1	1



## Adaptors Straight

### Flange

Straight



#### Code 61 Flange x JIC Male

Part Number	C61 Flange	JIC M
QAFL0812	1/2	3/4
QAFL12	3/4	3/4
QAFL1214	3/4	7/8
QAFL1217	3/4	1 1/16
QAFL1617	1	1 1/16
QAFL1621	1	1 5/16
QAFL2017	1 1/4	1 1/16
QAFL2021	1 1/4	1 5/16
QAFL2026	1 1/4	1 5/8
QAFL2030	1 1/4	1 7/8
QAFL2421	1 1/2	1 5/16
QAFL2426	1 1/2	1 5/8
QAFL2430	1 1/2	1 7/8
QAFL3230	2	1 7/8
QAFL3240	2	2 1/2

Straight



#### Code 62 Flange x JIC Male

Part Number	C62 Flange	JIC M
QAGL0812	1/2	3/4
QAGL1217	3/4	1 1/16
QAGL1617	1	1 1/16
QAGL1621	1	1 5/16
QAGL1626	1	1 5/8
QAGL2021	1 1/4	1 5/16
QAGL2026	1 1/4	1 5/8
QAGL2421	1 1/2	1 5/16
QAGL2426	1 1/2	1 5/8
QAGL2430	1 1/2	1 7/8
QAGL3240	2	2 1/2

## Adaptors Straight

### Flange

Straight

#### Code 62 Flange x ORFS Male



Part Number	C62 Flange	ORFS M
QAGW1219	3/4	1 3/16
QAGW1223	3/4	1 7/16
QAGW1623	1	1 7/16
QAGW2027	1 1/4	1 11/16

### Male/Female Solid

Straight

#### BSPP Female Solid x JIS BSPP Male



Part Number	BSPP F	JIS BSPP M
QAASJ04	1/4	1/4
QAASJ1208	3/4	1/2
QAASJ1612	1	3/4

Straight

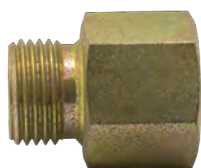
#### BSPP Female Solid x BSPP Male



Part Number	BSPP F	BSPP M
QAASD0402	1/4	1/8
QAASD0604	3/8	1/4
QAASD08	1/2	1/2
QAASD0804	1/2	1/4
QAASD0806	1/2	3/8
QAASD12	3/4	3/4
QAASD1204	3/4	1/4
QAASD1206	3/4	3/8
QAASD1208	3/4	1/2
QAASD1612	1	3/4

Straight

#### BSPP Male x JIC Female Solid



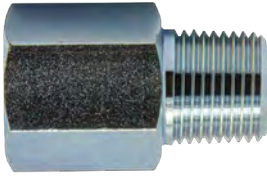
Part Number	BSPP M	JIC F
QADKS0814	1/2	7/8



## Adaptors Straight

### Male/Female Solid

Straight



#### BSPT Female Solid x BSPT Male

Part Number	BSPT F	BSPT M
QABSE02	1/8	1/8
QABSE04	1/4	1/4
QABSE0402	1/4	1/8
QABSE06	3/8	3/8
QABSE0604	3/8	1/4
QABSE08	1/2	1/2
QABSE0804	1/2	1/4
QABSE0806	1/2	3/8
QABSE12	3/4	3/4
QABSE1208	3/4	1/2
QABSE16	1	1
QABSE1612	1	3/4
QABSE1604	1	1/4

Straight



#### BSPT Female Solid x JIC Male

Part Number	BSPT F	JIC M
QABSL0207	1/8	7/16
QABSL0407	1/4	7/16
QABSL0409	1/4	9/16
QABSL0412	1/4	3/4
QABSL0414	1/4	7/8
QABSL0417	1/4	1 1/16
QABSL0609	3/8	9/16
QABSL0612	3/8	3/4
QABSL0809	1/2	9/16
QABSL0812	1/2	3/4
QABSL0814	1/2	7/8
QABSL0817	1/2	1 1/16
QABSL1209	3/4	9/16
QABSL1217	3/4	1 1/16
QABSL1621	1	1 5/16



## Adaptors Straight

### Male/Female Solid

Straight



#### BSPT Female Solid x UNO Male

Part Number	BSPT F	UNO M
QABSP0209	1/8	9/16
QABSP0417	1/4	1 1/16
QABSP0812	1/2	3/4
QABSP0817	1/2	1 1/16
QABSP1226	3/4	1 5/8

Straight



#### BSPT Male x NPT Female Solid

Part Number	BSPT M	NPT F
QAETS16	1	1

Straight



#### BSPT Male x UNO Female Solid

Part Number	BSPT M	UNO F
QAEPFS0612	3/8	3/4
QAEPFS0812	1/2	3/4
QAEPFS0814	1/2	7/8
QAEPFS1217	3/4	1 1/16
QAEPFS1612	1	3/4
QAEPFS1617	1	1 1/16
QAEPFS1621	1	1 5/16

Straight



#### JIC Female x JIC Male

Part Number	JIC F	JIC M	
QAKSL0607	3/8	7/16	Solid
QAKL07	7/16	7/16	Swivel
QAKSL0709	7/16	9/16	Solid
QAKL09	9/16	9/16	Swivel
QAKSL0912	9/16	3/4	Solid
QAKL12	3/4	3/4	Swivel
QAKSL1214	3/4	7/8	Solid

Run Size = Swivel

Continued on following page..

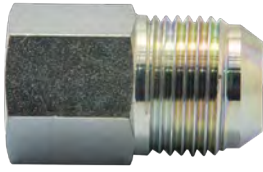


## Adaptors Straight

### Male/Female Solid

Straight

#### JIC Female x JIC Male *Continued..*

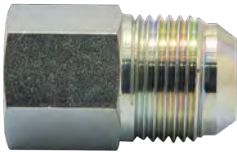


Run Size = Swivel

Part Number	JIC F	JIC M	
QAKSL1217	3/4	1 1/16	Solid
QAKSL1221	3/4	1 5/16	Solid
QAKL14	7/8	7/8	Swivel
QAKSL1417	7/8	1 1/16	Solid
QAKL17	1 1/16	1 1/16	Swivel
QAKSL1721	1 1/16	1 5/16	Solid
QAKL21	1 5/16	1 5/16	Swivel
QAKSL2126	1 5/16	1 5/8	Solid
QAKSL2630	1 5/8	1 7/8	Solid
QAKSL3040	1 7/8	2 1/2	Solid

Straight

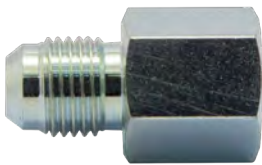
#### JIC Female x JIC Male - Orifice



Part Number	JIC F	JIC M	ORIFICE
QAKSL09-0.8MM	9/16	9/16	0.8MM
QAKSL09-0.9MM	9/16	9/16	0.9MM
QAKSL09-1.2MM	9/16	9/16	1.2MM
QAKSL12-BLANK	3/4	3/4	Blank
QAKSL12-0.9MM	3/4	3/4	0.9MM
QAKSL12-2.15MM	3/4	3/4	2.15MM
QAKSL12-2.24MM	3/4	3/4	2.24MM

Straight

#### JIC Male x NPT Female Solid



Part Number	JIC M	NPT F
QALTS0702	7/16	1/8
QALTS0704	7/16	1/4
QALTS0904	9/16	1/4
QALTS0906	9/16	3/8
QALTS1206	3/4	3/8
QALTS1208	3/4	1/2
QALTS1712	1 1/16	3/4
QALTS1716	1 1/16	1
QALTS2116	1 5/16	1

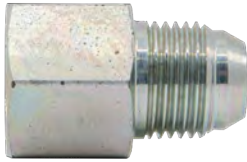
ADAPTORS  
Straight

## Adaptors Straight

### Male/Female Solid

Straight

#### Metric Female Solid x JIS BSP Male



Part Number	Metric F	JIS BSP M
QAQ5J2208	22MM X 1.5	1/2

Straight

#### NPT Female Solid x NPT Male



Part Number	NPT F	NPT M
QATSU02	1/8	1/8
QATSU0604	3/8	1/4
QATSU0802	1/2	1/8
QATSU1204	3/4	1/4

Straight

#### UNO Female Solid x UNO Male



Part Number	UNO F	UNO M
QAPFSP0907	9/16	7/16

### Female Swivel x Female Swivel

Straight

#### JIC Female Swivel x JIC Female Swivel



Part Number	JIC F S/W	JIC F S/W
QAK07	7/16	7/16
QAK09	9/16	9/16
QAK12	3/4	3/4
QAK14	7/8	7/8
QAK17	1 1/16	1 1/16



## Adaptors Straight

### Female Swivel x Female Solid

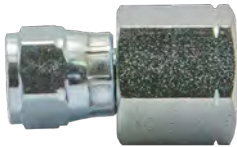
Straight



#### BSPP Female Swivel x BSPT Female Solid

Part Number	BSPP F S/W	BSPT F
QAABS04	1/4	1/4
QAABS06	3/8	3/8
QAABS08	1/2	1/2
QAABS12	3/4	3/4
QAABS16	1	1

Straight



#### JIC Female Swivel x NPT Female Solid

Part Number	JIC F	NPT F
QAKTS0704	7/16	1/4

### Male/Female Swivel

Straight



#### BSPP Female Swivel x BSPP Male

Part Number	BSPP F S/W	BSPP M
QAAD02	1/8	1/8
QAAD04	1/4	1/4
QAAD06	3/8	3/8
QAAD08	1/2	1/2
QAAD0806	1/2	3/8
QAAD12	3/4	3/4
QAAD1208	3/4	1/2
QAAD16	1	1
QAAD1608	1	1/2
QAAD1612	1	3/4
QAAD20	1 1/4	1 1/4
QAAD2008	1 1/4	1/2
QAAD2016	1 1/4	1
QAAD24	1 1/2	1 1/2
QAAD32	2	2

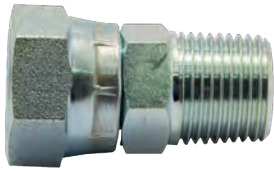


## Adaptors Straight

### Male/Female Swivel

Straight

#### BSPP Female Swivel x BSPT Male



Part Number	BSPP F S/W	BSPT M
QAAE02	1/8	1/8
QAAE04	1/4	1/4
QAAE04G	1/4 (GAUGE)	1/4
QAAE0406	1/4	3/8
QAAE06	3/8	3/8
QAAE0604	3/8	1/4
QAAE0608	3/8	1/2
QAAE08	1/2	1/2
QAAE0806	1/2	3/8
QAAE0812	1/2	3/4
QAAE12	3/4	3/4
QAAE1208	3/4	1/2
QAAE1216	3/4	1
QAAE16	1	1
QAAE1612	1	3/4
QAAE20	1 1/4	1 1/4
QAAE2016	1 1/4	1
QAAE24	1 1/2	1 1/2
QAAE2420	1 1/2	1 1/4
QAAE32	2	2

Straight

#### BSP Female Swivel x JIC Male



Part Number	BSP F S/W	JIC M
QAAL0409	1/4	9/16
QAAL0612	3/8	3/4
QAAL0812	1/2	3/4
QAAL1217	3/4	1 1/16



## Adaptors Straight

### Male/Female Swivel

Straight



#### BSPP Female Swivel x UNO Male

Part Number	BSPP F S/W	UNO M
QAAP0409	1/4	9/16
QAAP0612	3/8	3/4
QAAP0812	1/2	3/4
QAAP0814	1/2	7/8
QAAP1214	3/4	7/8
QAAP1217	3/4	1 1/16
QAAP1621	1	1 5/16

Straight



#### BSPP Male x JIC Female Swivel

Part Number	BSPP M	JIC F S/W
QADK0407	1/4	7/16
QADK0409	1/4	9/16
QADK0609	3/8	9/16
QADK0612	3/8	3/4
QADK0614	3/8	7/8
QADK0809	1/2	9/16
QADK0812	1/2	3/4
QADK0814	1/2	7/8
QADK0817	1/2	1 1/16
QADK1214	3/4	7/8
QADK1217	3/4	1 1/16
QADK1221	3/4	1 5/16
QADK1617	1	1 1/16
QADK1621	1	1 5/16
QADK2021	1 1/4	1 5/16
QADK2026	1 1/4	1 5/8
QADK2030	1 1/4	1 7/8
QADK2430	1 1/2	1 7/8

## Adaptors Straight

### Male/Female Swivel

Straight



#### BSPP Male x ORFS Female Swivel

Part Number	BSPP M	ORFS F
QADV0409	1/4	9/16
QADV0611	3/8	11/16
QADV1219	3/4	1 3/16

Straight



#### BSPT Male x JIC Female Swivel

Part Number	BSPT M	JIC F S/W
QAEK0207	1/8	7/16
QAEK0209	1/8	9/16
QAEK0407	1/4	7/16
QAEK0409	1/4	9/16
QAEK0609	3/8	9/16
QAEK0612	3/8	3/4
QAEK0614	3/8	7/8
QAEK0812	1/2	3/4
QAEK0814	1/2	7/8
QAEK0817	1/2	1 1/16
QAEK1214	3/4	7/8
QAEK1217	3/4	1 1/16
QAEK1221	3/4	1 5/16
QAEK1617	1	1 1/16
QAEK1621	1	1 5/16
QAEK2026	1 1/4	1 5/8
QAEK2430	1 1/2	1 7/8

Straight



#### BSPT Male x ORFS Female Swivel

Part Number	BSPT M	ORFS F S/W
QAEV0209	1/8	9/16
QAEV0409	1/4	9/16
QAEV0411	1/4	11/16
QAEV0611	3/8	11/16
QAEV0613	3/8	13/16
QAEV0813	1/2	13/16



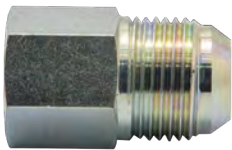
## Adaptors Straight

### Male/Female Swivel

Straight



Run Size = Swivel



### JIC Female x JIC Male

Part Number	JIC F	JIC M	
QAKSL0607	3/8	7/16	Solid
QAKL07	7/16	7/16	Swivel
QAKSL0709	7/16	9/16	Solid
QAKL09	9/16	9/16	Swivel
QAKSL0912	9/16	3/4	Solid
QAKL12	3/4	3/4	Swivel
QAKSL1214	3/4	7/8	Solid
QAKSL1217	3/4	1 1/16	Solid
QAKSL1221	3/4	1 5/16	Solid
QAKL14	7/8	7/8	Swivel
QAKSL1417	7/8	1 1/16	Solid
QAKL17	1 1/16	1 1/16	Swivel
QAKSL1721	1 1/16	1 5/16	Solid
QAKL21	1 5/16	1 5/16	Swivel
QAKSL2126	1 5/16	1 5/8	Solid
QAKSL2630	1 5/8	1 7/8	Solid
QAKSL3040	1 7/8	2 1/2	Solid

Straight



### JIC Female Swivel x NPT Male

Part Number	JIC F S/W	NPT M
QAKU0702	7/16	1/8
QAKU0704	7/16	1/4
QAKU0812	1/2	3/4
QAKU0904	9/16	1/4
QAKU1206	3/4	3/8
QAKU1208	3/4	1/2
QAKU1712	1 1/16	3/4
QAKU2116	1 5/16	1

Straight



### JIC Female Swivel x ORFS Male

Part Number	JIC F S/W	ORFS M
QAKW0709	7/16	9/16
QAKW0911	9/16	11/16
QAKW1213	3/4	13/16
QAKW1416	7/8	1
QAKW1719	1 1/16	1 3/16
QAKW2123	1 5/16	1 7/16



## Adaptors Straight

### Male/Female Swivel

Straight



#### JIC Female Swivel x UNO Male

Part Number	JIC F S/W	UNO M
QAKP07	7/16	7/16
QAKP09	9/16	9/16
QAKP0912	9/16	3/4
QAKP12	3/4	3/4
QAKP1209	3/4	9/16
QAKP14	7/8	7/8
QAKP1412	7/8	3/4
QAKP1417	7/8	1 1/16
QAKP17	1 1/16	1 1/16
QAKP21	1 5/16	1 5/16
QAKP26	1 5/8	1 5/8

Straight



#### JIC Male x ORFS Female Swivel

Part Number	JIC M	ORFS F S/W
QALV0709	7/16	9/16
QALV0911	9/16	11/16
QALV1213	3/4	13/16
QALV1416	7/8	1
QALV1719	1 1/16	1 3/16
QALV2123	1 5/16	1 7/16

Straight



#### ORFS Male x ORFS Female Swivel

Part Number	ORFS M	ORFS F S/W
QAVW11	11/16	11/16
QAVW13	13/16	13/16
QAVW16	1	1

Straight



#### NPT Female Swivel x NPT Male

Part Number	NPT F S/W	NPT M
QATU02	1/8	1/8
QATU04	1/4	1/4
QATU06	3/8	3/8



## Adaptors Straight

### Nipple

Straight



**NOTE:** Please advise which size seal is required when ordering.

**NO ADDITIONAL CHARGE.** Default will be the largest size.

#### BSPP Male x BSPP Male

Part Number	BSPP M	BSPP M
QNID02	1/8	1/8
QNID04	1/4	1/4
QNID0402	1/4	1/8
QNID06	3/8	3/8
QNID0604	3/8	1/4
QNID08	1/2	1/2
QNID0804	1/2	1/4
QNID0806	1/2	3/8
QNID12	3/4	3/4
QNID1206	3/4	3/8
QNID1208	3/4	1/2
QNID16	1	1
QNID1608	1	1/2
QNID1612	1	3/4
QNID20	1 1/4	1 1/4
QNID2012	1 1/4	3/4
QNID2016	1 1/4	1
QNID24	1 1/2	1 1/2
QNID2420	1 1/2	1 1/4
QNID32	2	2
QNID3224	2	1 1/2

Straight



#### BSPP Male x BSPT Male

Part Number	BSPP M	BSPT M
QNIDE02	1/8	1/8
QNIDE0204	1/8	1/4
QNIDE04	1/4	1/4
QNIDE0402	1/4	1/8
QNIDE0406	1/4	3/8
QNIDE0408	1/4	1/2
QNIDE06	3/8	3/8
QNIDE0604	3/8	1/4
QNIDE0608	3/8	1/2
QNIDE0612	3/8	3/4
QNIDE08	1/2	1/2

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## Adaptors Straight

### Nipple

Straight



#### BSPP Male x BSPT Male *Continued...*

Part Number	BSPP M	BSPT M
QNIDE0804	1/2	1/4
QNIDE0806	1/2	3/8
QNIDE0812	1/2	3/4
QNIDE0816	1/2	1
QNIDE12	3/4	3/4
QNIDE1206	3/4	3/8
QNIDE1208	3/4	1/2
QNIDE1216	3/4	1
QNIDE1220	3/4	1 1/4
QNIDE16	1	1
QNIDE1608	1	1/2
QNIDE1612	1	3/4
QNIDE1620	1	1 1/4
QNIDE20	1 1/4	1 1/4
QNIDE2012	1 1/4	3/4
QNIDE2016	1 1/4	1
QNIDE2024	1 1/4	1 1/2
QNIDE24	1 1/2	1 1/2
QNIDE2420	1 1/2	1 1/4
QNIDE32	2	2

Straight



#### BSPP Male x JIC Male

Part Number	BSPP M	JIC M	ORIFICE
QNIDL0207	1/8	7/16	
QNIDL0209	1/8	9/16	
QNIDL0407	1/4	7/16	
QNIDL0408	1/4	1/2	
QNIDL0409	1/4	9/16	
QNIDL0412	1/4	3/4	
QNIDL0607	3/8	7/16	
QNIDL0609	3/8	9/16	
QNIDL0609-1.5MM	3/8	9/16	1.5MM
QNIDL0612	3/8	3/4	
QNIDL0614	3/8	7/8	

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## Adaptors Straight

### Nipple

Straight



#### BSPP Male x JIC Male *Continued...*

Part Number	BSPP M	JIC M	ORIFICE
QNIDL0617	3/8	1 1/16	
QNIDL0807	1/2	7/16	
QNIDL0809	1/2	9/16	
QNIDL0812	1/2	3/4	
QNIDL0814	1/2	7/8	
QNIDL0817	1/2	1 1/16	
QNIDL0821	1/2	1 5/16	
QNIDL12	3/4	3/4	
QNIDL1209	3/4	9/16	
QNIDL1214	3/4	7/8	
QNIDL1217	3/4	1 1/16	
QNIDL1221	3/4	1 5/16	
QNIDL1226	3/4	1 5/8	
QNIDL1612	1	3/4	
QNIDL1614	1	7/8	
QNIDL1617	1	1 1/16	
QNIDL1621	1	1 5/16	
QNIDL1626	1	1 5/8	
QNIDL1630	1	1 7/8	
QNIDL2017	1 1/4	1 1/16	
QNIDL2021	1 1/4	1 5/16	
QNIDL2026	1 1/4	1 5/8	
QNIDL2030	1 1/4	1 7/8	
QNIDL2421	1 1/2	1 5/16	
QNIDL2426	1 1/2	1 5/8	
QNIDL2430	1 1/2	1 7/8	
QNIDL3226	2	1 5/8	
QNIDL3230	2	1 7/8	
QNIDL3240	2	2 1/2	

Straight



#### BSPP Male x JIS Metric (Komatsu) Male

Part Number	BSPP M	JIS M (Metric)
QNIDN0822	1/2	22MM



## Adaptors Straight

### Nipple

Straight

#### BSPM Male x JIC Male Extended Nipple



Part Number	BSPM M	JIC M	Extension
QNEDL0612-108	3/8	3/4	108MM
QNEDL0612-L68	3/8	3/4	68MM

Straight

#### BSPM Male x NPT Male



Part Number	BSPM M	NPT M
QNIDU04	1/4	1/4
QNIDU06	3/8	3/8
QNIDU12	3/4	3/4

Straight

#### BSPM Male x ORFS Male



Part Number	BSPM M	ORFS M
QNIDW0409	1/4	9/16
QNIDW0411	1/4	11/16
QNIDW0609	3/8	9/16
QNIDW0611	3/8	11/16
QNIDW0613	3/8	13/16
QNIDW0811	1/2	11/16
QNIDW0813	1/2	13/16
QNIDW0816	1/2	1
QNIDW1213	3/4	13/16
QNIDW1216	3/4	1
QNIDW1219	3/4	1 3/16
QNIDW1619	1	1 3/16
QNIDW1623	1	1 7/16
QNIDW1627	1	1 11/16
QNIDW2027	1 1/4	1 11/16
QNIDW2423	1 1/2	1 7/16
QNIDW2427	1 1/2	1 11/16



## Adaptors Straight

### Nipple

Straight

#### BSPT Male x BSPT Male



Part Number	BSPT M	BSPT M	Material
QNIE02	1/8	1/8	
QNIE04	1/4	1/4	
QNIE0402	1/4	1/8	
QNIE06	3/8	3/8	
QNIE0602	3/8	1/8	
QNIE0604	3/8	1/4	
QNIE08	1/2	1/2	
QNIE0804	1/2	1/4	
QNIE0806	1/2	3/8	
QNIE10	5/8	5/8	
QNIE1008	5/8	1/2	
QNIE12	3/4	3/4	
QNIE12SS	3/4	3/4	STAINLESS STEEL
QNIE1204	3/4	1/4	
QNIE1206	3/4	3/8	
QNIE1208	3/4	1/2	
QNIE1210	3/4	5/8	
QNIE16	1	1	
QNIE1606	1	3/8	
QNIE1608	1	1/2	
QNIE1612	1	3/4	
QNIE20	1 1/4	1 1/4	
QNIE2012	1 1/4	3/4	
QNIE2016	1 1/4	1	
QNIE24	1 1/2	1 1/2	
QNIE2412	1 1/2	3/4	
QNIE2416	1 1/2	1	
QNIE2420	1 1/2	1 1/4	
QNIE32	2	2	
QNIE32BS	2	2	BLACK STEEL
QNIE3220	2	1 1/4	
QNIE3224	2	1 1/2	
QNIE40	2 1/2	2 1/2	
QNIE48	3	3	

## Adaptors Straight

### Nipple

Straight

BSPT Male x JIC Male



Part Number	BSPT M	JIC M
QNIEL0207	1/8	7/16
QNIEL0208	1/8	1/2
QNIEL0209	1/8	9/16
QNIEL0407	1/4	7/16
QNIEL0408	1/4	1/2
QNIEL0409	1/4	9/16
QNIEL0412	1/4	3/4
QNIEL0607	3/8	7/16
QNIEL0608	3/8	1/2
QNIEL0609	3/8	9/16
QNIEL0612	3/8	3/4
QNIEL0614	3/8	7/8
QNIEL0617	3/8	1 1/16
QNIEL0807	1/2	7/16
QNIEL0809	1/2	9/16
QNIEL0812	1/2	3/4
QNIEL0814	1/2	7/8
QNIEL0817	1/2	1 1/16
QNIEL0821	1/2	1 5/16
QNIEL12	3/4	3/4
QNIEL1209	3/4	9/16
QNIEL1214	3/4	7/8
QNIEL1217	3/4	1 1/16
QNIEL1219	3/4	1 3/16
QNIEL1221	3/4	1 5/16
QNIEL1612	1	3/4
QNIEL1614	1	7/8
QNIEL1617	1	1 1/16
QNIEL1621	1	1 5/16
QNIEL1626	1	1 5/8
QNIEL2017	1 1/4	1 1/16
QNIEL2021	1 1/4	1 5/16
QNIEL2026	1 1/4	1 5/8

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## Adaptors Straight

### Nipple

Straight

#### BSPT Male x JIC Male *Continued..*



Part Number	BSPT M	JIC M
QNIEL2030	1 1/4	1 7/8
QNIEL2421	1 1/2	1 5/16
QNIEL2426	1 1/2	1 5/8
QNIEL2430	1 1/2	1 7/8
QNIEL2440	1 1/2	2 1/2
QNIEL3226	2	1 5/8
QNIEL3230	2	1 7/8
QNIEL3240	2	2 1/2

Straight

#### BSPT Male x JIS Metric (Komatsu) Male



Part Number	BSPT M	JIS M (Metric)
QNIEN0414	1/4	14MM
QNIEN0616	3/8	16MM
QNIEN0618	3/8	18MM
QNIEN0622	3/8	22MM
QNIEN0818	1/2	18MM
QNIEN0820	1/2	20MM
QNIEN0824	1/2	24MM
QNIEN1224	3/4	24MM
QNIEN1230	3/4	30MM
QNIEN1633	1	33MM

Straight

#### BSPT Male x Metric Male Port



Part Number	BSPT M	Metric M
QNIER0412	1/4	12MM x 1.5
QNIER0414	1/4	14MM x 1.5
QNIER0618	3/8	18MM x 1.5
QNIER0620	3/8	20MM x 1.5
QNIER0822	1/2	22MM x 1.5
QNIER0826	1/2	26MM x 1.5
QNIER0827	1/2	27MM x 1.5
QNIER1226	3/4	26MM x 1.5
QNIER1622	1	22MM x 1.5



## Adaptors Straight

### Nipple

Straight

#### BSPT Male x NPT Male



Part Number	BSPT M	NPT M
QNI EU04	1/4	1/4
QNI EU06	3/8	3/8
QNI EU16	1	1
QNI EU20	1 1/4	1 1/4
QNI EU24	1 1/2	1 1/2
QNI EU2420	1 1/2	1 1/4
QNI EU32	2	2

Straight

#### BSPT Male x ORFS Male



Part Number	BSPT M	ORFS M
QNI EW0211	1/8	11/16

Straight

#### BSPT Male x SAE Male



Part Number	BSPT M	SAE M
QNI ES M0410	1/4	5/8
QNI ES M0610	3/8	5/8
QNI ES M1217	3/4	1 1/16

Straight

#### BSPT Male x UNO Male



Part Number	BSPT M	UNO M
QNI EP0407	1/4	7/16
QNI EP0409	1/4	9/16
QNI EP0412	1/4	3/4
QNI EP0609	3/8	9/16
QNI EP0612	3/8	3/4
QNI EP0614	3/8	7/8
QNI EP0809	1/2	9/16
QNI EP0812	1/2	3/4
QNI EP0814	1/2	7/8
QNI EP0817	1/2	1 1/16
QNI EP1214	3/4	7/8
QNI EP1217	3/4	1 1/16

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## Adaptors Straight

### Nipple

Straight

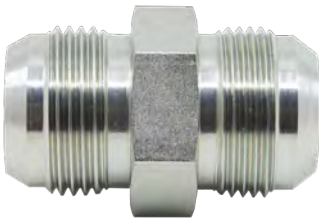
#### BSPT Male x UNO Male *Continued..*



Part Number	BSPT M	UNO M
QNI EP1221	3/4	1 5/16
QNI EP1617	1	1 1/16
QNI EP1621	1	1 5/16
QNI EP1626	1	1 5/8
QNI EP2026	1 1/4	1 5/8
QNI EP2426	1 1/2	1 5/8

Straight

#### JIS Imperial Male x JIC Male



Part Number	JIS IMP M	JIC M
QNI JL0407	1/4	7 1/6
QNI JL0609	3/8	9/16
QNI JL0812	1/2	3/4
QNI JL1217	3/4	1 1/16
QNI JL1621	1	1 5/16

Straight

#### JIC Male x JIS Komatsu Male



Part Number	JIC M	JIS M
QNI LN0714	7/16	14MM
QNI LN0918	9/16	18MM
QNI LN1222	3/4	22MM
QNI LN1424	7/8	24MM
QNI LN2133	1 5/16	33MM

Straight

#### JIC Male x JIC Male



Part Number	JIC M	JIC M
QNI L07	7/16	7/16
QNI L08	1/2	1/2
QNI L09	9/16	9/16
QNI L0907	9/16	7/16
QNI L12	3/4	3/4
QNI L1207	3/4	7/16
QNI L1209	3/4	9/16
QNI L14	7/8	7/8
QNI L1412	7/8	3/4
QNI L17	1 1/16	1 1/16

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## Adaptors Straight

### Nipple

Straight



#### JIC Male x JIC Male *Continued..*

Part Number	JIC M	JIC M
QNIL1707	1 1/16	7/16
QNIL1709	1 1/16	9/16
QNIL1712	1 1/16	3/4
QNIL1714	1 1/16	7/8
QNIL19	1 3/16	1 3/16
QNIL21	1 5/16	1 5/16
QNIL2112	1 5/16	3/4
QNIL2114	1 5/16	7/8
QNIL2117	1 5/16	1 1/16
QNIL2621	1 5/8	1 5/16
QNIL26	1 5/8	1 5/8
QNIL30	1 7/8	1 7/8
QNIL40	2 1/2	2 1/2

Straight



#### JIC Male x Metric Male Port

Part Number	JIC M	Metric M
QNILR0708	7/16	8MM x 1
QNILR0710	7/16	10MM x 1
QNILR0712	7/16	12MM x 1.5
QNILR0714	7/16	14MM x 1.5
QNILR0814	1/2	14MM x 1.5
QNILR0912	9/16	12MM x 1.5
QNILR0914	9/16	14MM x 1.5
QNILR0916	9/16	16MM x 1.5
QNILR0918	9/16	18MM x 1.5
QNILR12	3/4	12MM x 1.5
QNILR1214	3/4	14MM x 1.5
QNILR1216	3/4	16MM x 1.5
QNILR1218	3/4	18MM x 1.5
QNILR1220	3/4	20MM x 1.5
QNILR1222	3/4	22MM x 1.5
QNILR1224	3/4	24MM x 1.5
QNILR1416	7/8	16MM x 1.5
QNILR1418	7/8	18MM x 1.5
QNILR1420	7/8	20MM x 1.5
QNILR1422	7/8	22MM x 1.5

*Continued on following page..*



## Adaptors Straight

### Nipple

Straight

#### JIC Male x Metric Male Port *Continued..*



Part Number	JIC M	Metric M
QNILR1718	1 1/16	18MM x 1.5
QNILR1720	1 1/16	20MM x 1.5
QNILR1722	1 1/16	22MM x 1.5
QNILR1726	1 1/16	26MM x 1.5
QNILR1727	1 1/16	27MM x 1.5
QNILR1727-2MM	1 1/16	27MM x 2
QNILR1733	1 1/16	33MM x 1.5
QNILR1733-2MM	1 1/16	33MM x 2
QNILR2126	1 5/16	26MM x 1.5
QNILR2133	1 5/16	33MM x 1.5
QNILR2142	1 5/16	42MM x 2
QNILR2633	1 5/8	33MM x 1.5
QNILR3048	1 7/8	48MM x 2

Straight

#### JIC Male x NPT Male



Part Number	JIC M	NPT M
QNILU0702	7/16	1/8
QNILU0704	7/16	1/4
QNILU0706	7/16	3/8
QNILU0902	9/16	1/8
QNILU0904	9/16	1/4
QNILU0906	9/16	3/8
QNILU0908	9/16	1/2
QNILU0912	9/16	3/4
QNILU12	3/4	3/4
QNILU1204	3/4	1/4
QNILU1206	3/4	3/8
QNILU1208	3/4	1/2
QNILU1216	3/4	1
QNILU1412	7/8	3/4
QNILU1408	7/8	1/2
QNILU1708	1 1/16	1/2
QNILU1712	1 1/16	3/4
QNILU1716	1 1/16	1
QNILU1720	1 1/16	1 1/4

*Continued on following page..*



## Adaptors Straight

### Nipple

Straight

#### JIC Male x NPT Male *Continued..*



Part Number	JIC M	NPT M
QNILU2112	1 5/16	3/4
QNILU2116	1 5/16	1
QNILU2120	1 5/16	1 1/4
QNILU2124	1 5/16	1 1/2
QNILU2616	1 5/8	1
QNILU2620	1 5/8	1 1/4
QNILU2624	1 5/8	1 1/2
QNILU3020	1 7/8	1 1/4
QNILU3024	1 7/8	1 1/2
QNILU4024	2 1/2	1 1/2
QNILU4032	2 1/2	2

Straight

#### JIC Male x ORFS Male



Part Number	JIC M	ORFS M
QNILW0709	7/16	9/16
QNILW0911	9/16	11/16
QNILW1213	3/4	13/16
QNILW1413	7/8	13/16
QNILW1416	7/8	1
QNILW1719	1 1/16	1 3/16
QNILW2123	1 5/16	1 7/16
QNILW2627	1 5/8	1 11/16

Straight

#### JIC Male x UNO Male



Part Number	JIC M	UNO M
QNILP07	7/16	7/16
QNILP0708	7/16	1/2
QNILP0709	7/16	9/16
QNILP0712	7/16	3/4
QNILP08	1/2	1/2
QNILP0807	1/2	7/16
QNILP0809	1/2	9/16
QNILP09	9/16	9/16
QNILP0907	9/16	7/16
QNILP0908	9/16	1/2

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## Adaptors Straight

### Nipple

Straight

#### JIC Male x UNO Male *Continued..*



Part Number	JIC M	UNO M
QNILP0912	9/16	3/4
QNILP0914	9/16	7/8
QNILP0917	9/16	1 1/16
QNILP12	3/4	3/4
QNILP1207	3/4	7/16
QNILP1209	3/4	9/16
QNILP1214	3/4	7/8
QNILP1217	3/4	1 1/16
QNILP1221	3/4	1 5/16
QNILP14	7/8	7/8
QNILP1409	7/8	9/16
QNILP1412	7/8	3/4
QNILP1417	7/8	1 1/16
QNILP1421	7/8	1 5/16
QNILP17	1 1/16	1 1/16
QNILP1712	1 1/16	3/4
QNILP1714	1 1/16	7/8
QNILP1721	1 1/16	1 5/16
QNILP1726	1 1/16	1 5/8
QNILP19	1 3/16	1 3/16
QNILP1921	1 3/16	1 5/16
QNILP21	1 5/16	1 5/16
QNILP2112	1 5/16	3/4
QNILP2114	1 5/16	7/8
QNILP2117	1 5/16	1 1/16
QNILP2126	1 5/16	1 5/8
QNILP2130	1 5/16	1 7/8
QNILP26	1 5/8	1 5/8
QNILP2617	1 5/8	1 1/16
QNILP2621	1 5/8	1 5/16
QNILP2630	1 5/8	1 7/8
QNILP2640	1 5/8	2 1/2
QNILP30	1 7/8	1 7/8
QNILP3040	1 7/8	2 1/2
QNILP40	2 1/2	2 1/2

ADAPTORS  
Straight

## Adaptors Straight

### Nipple

Straight

#### JIC Male x UNO Male Extended



Part Number	JIC M	UNO M	Length
QNELP09	9/16	9/16	58.5
QNELP12	3/4	3/4	68.5
QNELP14	7/8	7/8	77
QNELP17	1 1/16	1 1/16	91.5
QNELP21	1 5/16	1 5/16	101

Straight

#### Metric Male Port x ORFS Male



Part Number	Metric M	ORFS M
QNIRW1209	12 x 1.5	9/16
QNIRW1411	14 x 1.5	11/16
QNIRW1611	16 x 1.5	11/16
QNIRW1813	18 x 1.5	13/16
QNIRW2213	22 x 1.5	13/16
QNIRW2216	22 x 1.5	1
QNIRW2719	27 x 2	1 3/16
QNIRW3323	33 x 2	1 7/16
QNIRW4223	42 x 2	1 7/16

Straight

#### NPT Male x NPT Male



Part Number	NPT M	NPT M
QNIU02	1/8	1/8
QNIU04	1/4	1/4
QNIU0402	1/4	1/8
QNIU06	3/8	3/8
QNIU0604	3/8	1/4
QNIU08	1/2	1/2
QNIU0804	1/2	1/4
QNIU0806	1/2	3/8
QNIU12	3/4	3/4
QNIU1206	3/4	3/8
QNIU1208	3/4	1/2
QNIU16	1	1
QNIU1608	1	1/2
QNIU1612	1	3/4
QNIU20	1 1/4	1 1/4
QNIU2016	1 1/4	1

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## Adaptors Straight

### Nipple

Straight

#### NPT Male x NPT Male *Continued..*



Part Number	NPT M	NPT M
QNIU2024	1 1/4	1 1/2
QNIU24	1 1/2	1 1/2
QNIU32	2	2
QNIU3224	2	1 1/2
QNIU48	3	3

Straight

#### ORFS Male x ORFS Male



Part Number	ORFS M	ORFS M
QNIW09	9/16	9/16
QNIW11	11/16	11/16
QNIW1109	11/16	9/16
QNIW13	13/16	13/16
QNIW1311	13/16	11/16
QNIW16	1	1
QNIW1613	1	13/16
QNIW19	1 3/16	1 3/16
QNIW1913	1 3/16	13/16
QNIW1916	1 3/16	1
QNIW23	1 7/16	1 7/16
QNIW2319	1 7/16	1 3/16
QNIW27	1 11/16	1 11/16

Straight

#### SAE Male x NPT Male



Part Number	SAE M	NPT M
QNISMU1006	5/8	3/8

Straight

#### SAE Male x SAE Male



Part Number	SAE M	SAE M
QNISM10	5/8	5/8



## Adaptors Straight

### Nipple

Straight



#### UNO Male x ORFS Male

Part Number	UNO M	ORFS M
QNIPW0709	7/16	9/16
QNIPW0711	7/16	11/16
QNIPW09	9/16	9/16
QNIPW0911	9/16	11/16
QNIPW0913	9/16	13/16
QNIPW1211	3/4	11/16
QNIPW1213	3/4	13/16
QNIPW1216	3/4	1
QNIPW1413	7/8	13/16
QNIPW1416	7/8	1
QNIPW1419	7/8	1 3/16
QNIPW1713	1 1/16	13/16
QNIPW1716	1 1/16	1
QNIPW1719	1 1/16	1 3/16
QNIPW2119	1 5/16	1 3/16
QNIPW2123	1 5/16	1 7/16
QNIPW2127	1 5/16	1 11/16
QNIPW2627	1 5/8	1 11/16

### Reducing Bush

Straight



#### BSPP Female x BSPP Male

Part Number	BSPP F	BSPP M
QRASD0204	1/8	1/4
QRASD0406	1/4	3/8
QRASD0408	1/4	1/2
QRASD0412	1/4	3/4
QRASD0416	1/4	1
QRASD0608	3/8	1/2
QRASD0612	3/8	3/4
QRASD0812	1/2	3/4
QRASD0816	1/2	1
QRASD0820	1/2	1 1/4
QRASD1216	3/4	1
QRASD1220	3/4	1 1/4

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## Adaptors Straight

### Reducing Bush

Straight

#### BSPP Female x BSPP Male *Continued..*



Part Number	BSPP F	BSPP M
QRASD1232	3/4	2
QRASD1620	1	1 1/4
QRASD1624	1	1 1/2
QRASD1632	1	2
QRASD2024	1 1/4	1 1/2
QRASD2032	1 1/4	2
QRASD2432	1 1/2	2

Straight

#### BSPT Female x BSPP Male



Part Number	BSPT F	BSPP M
QRBSD1216	3/4	1

Straight

#### BSPT Female x BSPT Male



Part Number	BSPT F	BSPT M
QRBSE0204	1/8	1/4
QRBSE0206	1/8	3/8
QRBSE0208	1/8	1/2
QRBSE0406	1/4	3/8
QRBSE0408	1/4	1/2
QRBSE0412	1/4	3/4
QRBSE0416	1/4	1
QRBSE0608	3/8	1/2
QRBSE0612	3/8	3/4
QRBSE0616	3/8	1
QRBSE0812	1/2	3/4
QRBSE0816	1/2	1
QRBSE0820	1/2	1 1/4
QRBSE1216	3/4	1
QRBSE1220	3/4	1 1/4
QRBSE1224	3/4	1 1/2

*Continued on following page..*

## Adaptors Straight

### Reducing Bush

Straight

#### BSPT Female x BSPT Male *Continued..*



Part Number	BSPT F	BSPT M
QRBSE1620	1	1 1/4
QRBSE1624	1	1 1/2
QRBSE1632	1	2
QRBSE2024	1 1/4	1 1/2
QRBSE2032	1 1/4	2
QRBSE2432	1 1/2	2

Straight

#### JIC Female x JIC Male

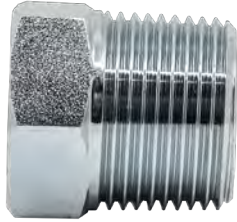


Part Number	JIC F	JIC M
QRKSL0807	1/2	7/16
QRKSL0907	9/16	7/16
QRKSL1207	3/4	7/16
QRKSL1209	3/4	9/16
QRKSL1407	7/8	7/16
QRKSL1409	7/8	9/16
QRKSL1412	7/8	3/4
QRKSL1707	1 1/16	7/16
QRKSL1709	1 1/16	9/16
QRKSL1712	1 1/16	3/4
QRKSL1714	1 1/16	7/8
QRKSL2109	1 5/16	9/16
QRKSL2112	1 5/16	3/4
QRKSL2114	1 5/16	7/8
QRKSL2117	1 5/16	1 1/16
QRKSL2612	1 5/8	3/4
QRKSL2617	1 5/8	1 1/16
QRKSL2621	1 5/8	1 5/16
QRKSL3021	1 7/8	1 5/16
QRKSL3026	1 7/8	1 5/8
QRKSL4026	2 1/2	1 5/8
QRKSL4030	2 1/2	1 7/8

## Adaptors Straight

### Reducing Bush

Straight



#### NPT Female x NPT Male

Part Number	NPT F	NPT M
QRTSU0204	1/8	1/4
QRTSU0206	1/8	3/8
QRTSU0208	1/8	1/2
QRTSU0212	1/8	3/4
QRTSU0406	1/4	3/8
QRTSU0408	1/4	1/2
QRTSU0412	1/4	3/4
QRTSU0416	1/4	1
QRTSU0420	1/4	1 1/4
QRTSU0608	3/8	1/2
QRTSU0612	3/8	3/4
QRTSU0616	3/8	1
QRTSU0812	1/2	3/4
QRTSU0816	1/2	1
QRTSU1216	3/4	1
QRTSU1220	3/4	1 1/4
QRTSU1224	3/4	1 1/2
QRTSU1620	1	1 1/4
QRTSU1624	1	1 1/2
QRTSU1632	1	2
QRTSU2024	1 1/4	1 1/2
QRTSU2032	1 1/4	2
QRTSU2432	1 1/2	2

Straight



#### ORFS Female Swivel x ORFS Male

Part Number	ORFS F S/W	ORFS M
QRVW1109	11/16	9/16
QRVW1309	13/16	9/16
QRVW1311	13/16	11/16
QRVW1609	1	9/16
QRVW1611	1	11/16
QRVW1613	1	13/16
QRVW1911	1 3/16	11/16
QRVW1913	1 3/16	13/16

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## Adaptors Straight

### Reducing Bush

Straight

#### ORFS Female Swivel x ORFS Male *Continued..*



Part Number	ORFS F S/W	ORFS M
QRVW1916	1 3/16	1
QRVW2316	1 7/16	1
QRVW2319	1 7/16	1 3/16
QRVW2719	1 11/16	1 3/16
QRVW2723	1 11/16	1 7/16
QRVW3227	2	1 11/16

### Socket

Straight

#### BSPP Female



Part Number	BSPP F	BSPP F
QSA04	1/4	1/4
QSA06	3/8	3/8
QSA08	1/2	1/2
QSA12	3/4	3/4
QSA16	1	1
QSA20	1 1/4	1 1/4
QSA24	1 1/2	1 1/2
QSA32	2	2

Straight

#### BSPT Female



Part Number	BSPT F	BSPT F	Material
QSB02	1/8	1/8	
QSB04	1/4	1/4	
QSB0402	1/4	1/8	
QSB06	3/8	3/8	
QSB0602	3/8	1/8	
QSB0604	3/8	1/4	
QSB08	1/2	1/2	
QSB0804	1/2	1/4	
QSB0806	1/2	3/8	
QSB12	3/4	3/4	
QSB1204	3/4	1/4	
QSB1208	3/4	1/2	
QSB16	1	1	

BS = Black Steel

*Continued on following page..*



## Adaptors Straight

### Socket

Straight



BS = Black Steel

### BSPT Female *Continued..*

Part Number	BSPT F	BSPT F	Material
QSB1612	1	3/4	
QSB20	1 1/4	1 1/4	
QSB2016	1 1/4	1	
QSB24	1 1/2	1 1/2	
QSB2420	1 1/2	1 1/4	
QSB32	2	2	
QSB32-BS	2	2	BLACK STEEL

Straight



### NPT Female

Part Number	NPT F	NPT F
QST02	1/8	1/8
QST04	1/4	1/4
QST0402	1/4	1/8
QST06	3/8	3/8
QST0604	3/8	1/4
QST08	1/2	1/2
QST12	3/4	3/4
QST16	1	1
QST1612	1	3/4
QST20	1 1/4	1 1/4
QST24	1 1/2	1 1/2
QST32	2	2

Straight



### UNO Female

Part Number	UNO F
QSPF07	7/16
QSPF09	9/16
QSPF12	3/4
QSPF14	7/8
QSPF17	1 1/16
QSPF21	1 5/16

## 45 Degree Elbows

### Elbow Block

#### 45 Degree Elbows

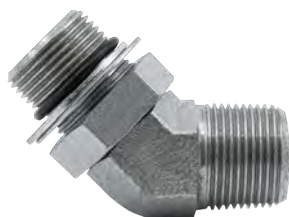
#### BSPP Female Swivel x BSPT Male - 45°



Part Number	BSPP F S/W	BSPT M
QEBAE0245	1/8	1/8
QEBAE0445	1/4	1/4
QEBAE0645	3/8	3/8
QEBAE0845	1/2	1/2
QEBAE1245	3/4	3/4
QEBAE1645	1	1
QEBAE2045	1 1/4	1 1/4
QEBAE2445	1 1/2	1 1/2
QEBAE3245	2	2

#### 45 Degree Elbows

#### BSPP Male x BSPT Male - 45°



Part Number	BSPP M	BSPT M
QEBDE0445	1/4	1/4
QEBDE0645	3/8	3/8
QEBDE0845	1/2	1/2
QEBDE1245	3/4	3/4
QEBDE1645	1	1

#### 45 Degree Elbows

#### BSPP Male x JIC Male - 45°



Part Number	BSPP M	JIC M
QEBDL020745	1/8	7/16
QEBDL040745	1/4	7/16
QEBDL040945	1/4	9/16
QEBDL041245	1/4	3/4
QEBDL060945	3/8	9/16
QEBDL061245	3/8	3/4
QEBDL080945	1/2	9/16
QEBDL081245	1/2	3/4
QEBDL081445	1/2	7/8
QEBDL121445	3/4	7/8
QEBDL121745	3/4	1 1/16
QEBDL122145	3/4	1 5/16
QEBDL1245	3/4	3/4
QEBDL161745	1	1 1/16
QEBDL162145	1	1 5/16
QEBDL202645	1 1/4	1 5/8

## 45 Degree Elbows

### Elbow Block

#### 45 Degree Elbows



#### BSPT Solid Female - 45°

Part Number	BSPT F	BSPT F
QEBBS0245	1/8	1/8
QEBBS0445	1/4	1/4
QEBBS0645	3/8	3/8
QEBBS0845	1/2	1/2
QEBBS1245	3/4	3/4
QEBBS1645	1	1

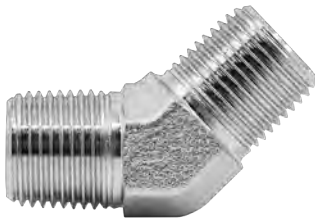
#### 45 Degree Elbows



#### BSPT Female Solid x BSPT Male - 45°

Part Number	BSPT F	BSPT M
QEBBSE0445	1/4	1/4
QEBBSE0645	3/8	3/8
QEBBSE0845	1/2	1/2
QEBBSE1245	3/4	3/4
QEBBSE1645	1	1
QEBBSE2045	1 1/4	1 1/4
QEBBSE2445	1 1/2	1 1/2

#### 45 Degree Elbows



#### BSPT Male - 45°

Part Number	BSPT M	BSPT M
QEBE0245	1/8	1/8
QEBE0445	1/4	1/4
QEBE0645	3/8	3/8
QEBE0845	1/2	1/2
QEBE1245	3/4	3/4
QEBE120845	3/4	1/2
QEBE161245	1	3/4
QEBE1645	1	1
QEBE2045	1 1/4	1 1/4



## 45 Degree Elbows

### Elbow Block

#### 45 Degree Elbows

#### BSPT Male x JIC Male - 45°



Part Number	BSPT M	JIC M
QEBEL020745	1/8	7/16
QEBEL040745	1/4	7/16
QEBEL040945	1/4	9/16
QEBEL041245	1/4	3/4
QEBEL060945	3/8	9/16
QEBEL061245	3/8	3/4
QEBEL061445	3/8	7/8
QEBEL080945	1/2	9/16
QEBEL081245	1/2	3/4
QEBEL081445	1/2	7/8
QEBEL081745	1/2	1 1/16
QEBEL121445	3/4	7/8
QEBEL121745	3/4	1 1/16
QEBEL122145	3/4	1 5/16
QEBEL162145	1	1 5/16
QEBEL162645	1	1 5/8
QEBEL202645	1 1/4	1 5/8

#### 45 Degree Elbows

#### BSPT Male x UNO Male - 45°



Part Number	BSPT M	UNO M
QEBEP040945	1/4	9/16
QEBEP060945	3/8	9/16
QEBEP061245	3/8	3/4
QEBEP081245	1/2	3/4
QEBEP081445	1/2	7/8
QEBEP121745	3/4	1 1/16
QEBEP162145	1	1 5/16

## 45 Degree Elbows

### Elbow Block

#### 45 Degree Elbows

#### JIC Female Swivel x JIC Male - 45°



Part Number	JIC F S/W	JIC M
QEBKL0745	7/16	7/16
QEBKL0845	1/2	1/2
QEBKL0945	9/16	9/16
QEBKL1245	3/4	3/4
QEBKL1445	7/8	7/8
QEBKL1745	1 1/16	1 1/16
QEBKL2145	1 5/16	1 5/16
QEBKL2645	1 5/8	1 5/8
QEBKL3045	1 7/8	1 7/8
QEBKL4045	2 1/2	2 1/2

#### 45 Degree Elbows

#### JIC Female Swivel x UNO Male - 45°



Part Number	JIC F S/W	UNO M
QEBKP0945	9/16	9/16
QEBKP1245	3/4	3/4
QEBKP1445	7/8	7/8

#### 45 Degree Elbows

#### JIC Male x NPT Male - 45°



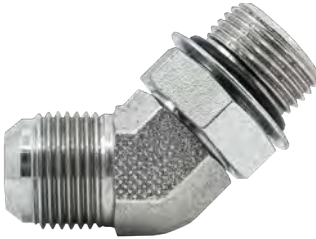
Part Number	JIC M	NPT M
QEBLU070245	7/16	1/8
QEBLU070445	7/16	1/4
QEBLU090445	9/16	1/4
QEBLU090645	9/16	3/8
QEBLU120445	3/4	1/4
QEBLU120645	3/4	3/8
QEBLU120845	3/4	1/2
QEBLU140845	7/8	1/2
QEBLU171245	1 1/16	3/4
QEBLU211645	1 5/16	1
QEBLU403245	2 1/2	2

## 45 Degree Elbows

### Elbow Block

#### 45 Degree Elbows

#### JIC Male x UNO Male - 45°



Part Number	JIC M	UNO M
QEBLP0745	7/16	7/16
QEBLP091245	9/16	3/4
QEBLP0945	9/16	9/16
QEBLP120945	3/4	9/16
QEBLP121445	3/4	7/8
QEBLP121745	3/4	1 1/16
QEBLP1245	3/4	3/4
QEBLP141245	7/8	3/4
QEBLP1445	7/8	7/8
QEBLP171245	1 1/16	3/4
QEBLP171445	1 1/16	7/8
QEBLP172145	1 1/16	1 5/16
QEBLP1745	1 1/16	1 1/16
QEBLP211745	1 5/16	1 1/16
QEBLP212645	1 5/16	1 5/8
QEBLP2145	1 5/16	1 5/16
QEBLP2645	1 5/8	1 5/8

#### 45 Degree Elbows

#### NPT Female Solid - 45°



Part Number	NPT F	NPT F
QEBS0445	1/4	1/4
QEBS0645	3/8	3/8

#### 45 Degree Elbows

#### NPT Female Solid x NPT Male - 45°



Part Number	NPT F	NPT M
QEBSU0245	1/8	1/8
QEBSU0445	1/4	1/4
QEBSU1245	3/4	3/4

## 45 Degree Elbows

### Elbow Block

#### 45 Degree Elbows



#### NPT Male - 45°

Part Number	NPT M	NPT M
QEBU0445	1/4	1/4
QEBU1645	1	1

#### 45 Degree Elbows



#### ORFS Female Swivel x ORFS Male - 45°

Part Number	ORFS F S/W	ORFS M
QEBVW0945	9/16	9/16
QEBVW1145	11/16	11/16
QEBVW1345	13/16	13/16
QEBVW1645	1	1
QEBVW1945	1 3/16	1 3/16
QEBVW2345	1 7/16	1 7/16
QEBVW2745	1 11/16	1 11/16

#### 45 Degree Elbows



#### UNO Male x ORFS Male - 45°

Part Number	UNO M	ORFS M
QEBPW0945	9/16	9/16
QEBPW091145	9/16	11/16
QEBPW121345	3/4	13/16

### Tube Elbow

#### 45 Degree Elbows



#### Code 61 Flange x JIC Male - 45°

Part Number	C61 Flange	JIC M
QETFL081245	1/2	3/4
QETFL121445	3/4	7/8
QETFL121745	3/4	1 1/16
QETFL122145	3/4	1 5/16
QETFL161745	1	1 1/16
QETFL162145	1	1 5/16
QETFL202145	1 1/4	1 5/16
QETFL202645	1 1/4	1 5/8

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## 45 Degree Elbows

### Tube Elbow

#### 45 Degree Elbows

#### Code 61 Flange x JIC Male - 45° *Continued.*



Part Number	C61 Flange	JIC M
QETFL242645	1 1/2	1 5/8
QETFL243045	1 1/2	1 7/8
QETFL324045	2	2 1/2

#### 45 Degree Elbows

#### Code 62 Flange x JIC Male - 45°



Part Number	C62 Flange	JIC M
QETGL121745	3/4	1 1/16
QETGL122145	3/4	1 5/16
QETGL161745	1	1 1/16
QETGL162145	1	1 5/16
QETGL202145	1 1/4	1 5/16
QETGL202645	1 1/4	1 5/8
QETGL242645	1 1/2	1 5/8
QETGL243045	1 1/2	1 7/8

#### 45 Degree Elbows

#### Code 62 Flange x ORFS Male - 45°



Part Number	C62 Flange	ORFS M
QETGW162345	1	1 7/16

#### 45 Degree Elbows

#### JIC Female Swivel x JIC Male - 45°



Part Number	JIC F S/W	JIC M
QETKL0745	7/16	7/16
QETKL0945	9/16	9/16
QETKL1245	3/4	3/4
QETKL1445	7/8	7/8
QETKL1745	1 1/16	1 1/16
QETKL211745	1 5/16	1 1/16
QETKL2145	1 5/16	1 5/16
QETKL2645	1 5/8	1 5/8

## 90 Degree Elbows

### Bulkhead

#### 90 Degree Elbows



#### JIC Male Bulkhead x JIC Male - 90°

Part Number	JIC M B/H	JIC M
QEBLL07	7/16	7/16
QEBLL09	9/16	9/16
QEBLL12	3/4	3/4
QEBLL14	7/8	7/8
QEBLL17	1 1/16	1 1/16
QEBLL21	1 5/16	1 5/16
QEBLL26	1 5/8	1 5/8

Note: Only comes with single nut.

### Elbow Block

#### 90 Degree Elbows



#### BSPP Female Swivel x BSPT Male - 90°

Part Number	BSPP F S/W	BSPT M
QEBAE02	1/8	1/8
QEBAE04	1/4	1/4
QEBAE06	3/8	3/8
QEBAE0604	3/8	1/4
QEBAE0608	3/8	1/2
QEBAE08	1/2	1/2
QEBAE12	3/4	3/4
QEBAE1208	3/4	1/2
QEBAE16	1	1
QEBAE1612	1	3/4
QEBAE20	1 1/4	1 1/4
QEBAE24	1 1/2	1 1/2
QEBAE32	2	2

#### 90 Degree Elbows



#### BSPP Female Swivel x UNO Male - 90°

Part Number	BSPP F S/W	UNO M
QEBAP0612	3/8	3/4
QEBAP0812	1/2	3/4
QEBAP0814	1/2	7/8

## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows



#### BSPP Male x BSPT Male - 90°

Part Number	BSPP M	BSPT M
QEBDE04	1/4	1/4
QEBDE06	3/8	3/8
QEBDE0604	3/8	1/4
QEBDE08	1/2	1/2
QEBDE0806	1/2	3/8
QEBDE0812	1/2	3/4
QEBDE12	3/4	3/4
QEBDE1208	3/4	1/2
QEBDE16	1	1
QEBDE1612	1	3/4
QEBDE20	1 1/4	1 1/4
QEBDE24	1 1/2	1 1/2

#### 90 Degree Elbows



#### BSPP Male x JIC Male - 90°

Part Number	BSPP M	JIC M
QEBDL0207	1/8	7/16
QEBDL0209	1/8	9/16
QEBDL0407	1/4	7/16
QEBDL0408	1/4	1/2
QEBDL0409	1/4	9/16
QEBDL0412	1/4	3/4
QEBDL0607	3/8	7/16
QEBDL0609	3/8	9/16
QEBDL0612	3/8	3/4
QEBDL0614	3/8	7/8
QEBDL0809	1/2	9/16
QEBDL0812	1/2	3/4
QEBDL0814	1/2	7/8
QEBDL0817	1/2	1 1/16
QEBDL12	3/4	3/4
QEBDL1207	3/4	7/16
QEBDL1209	3/4	9/16
QEBDL1214	3/4	7/8
QEBDL1217	3/4	1 1/16

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## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows



#### BSPP Male x JIC Male - 90° *Continued...*

Part Number	BSPP M	JIC M
QEBDL1221	3/4	1 5/16
QEBDL1614	1	7/8
QEBDL1617	1	1 1/16
QEBDL1621	1	1 5/16
QEBDL1626	1	1 5/8
QEBDL2021	1 1/4	1 5/16
QEBDL2026	1 1/4	1 5/8
QEBDL2030	1 1/4	1 7/8
QEBDL2421	1 1/2	1 5/16
QEBDL2426	1 1/2	1 5/8
QEBDL2430	1 1/2	1 7/8
QEBDL3240	2	2 1/2

#### 90 Degree Elbows



#### BSPP Male x ORFS Male - 90°

Part Number	BSPP M	ORFS M
QEBDW0409	1/4	9/16
QEBDW0411	1/4	11/16
QEBDW0611	3/8	11/16
QEBDW0613	3/8	13/16
QEBDW0813	1/2	13/16
QEBDW0816	1/2	1
QEBDW1219	3/4	1 3/16
QEBDW1619	1	1 3/16
QEBDW1623	1	1 7/16
QEBDW2027	1 1/4	1 11/16

#### 90 Degree Elbows



#### BSPT Solid Female - 90°

Part Number	BSPT F	BSPT F
QEBBS02	1/8	1/8
QEBBS04	1/4	1/4
QEBBS06	3/8	3/8
QEBBS08	1/2	1/2
QEBBS12	3/4	3/4
QEBBS16	1	1
QEBBS20	1 1/4	1 1/4
QEBBS24	1 1/2	1 1/2
QEBBS32	2	2



## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows

#### BSPT Female Solid x BSPT Male - 90°



Part Number	BSPT F	BSPT M
QEBBSE02	1/8	1/8
QEBBSE04	1/4	1/4
QEBBSE06	3/8	3/8
QEBBSE0608	3/8	1/2
QEBBSE08	1/2	1/2
QEBBSE0806	1/2	3/8
QEBBSE12	3/4	3/4
QEBBSE1208	3/4	1/2
QEBBSE16	1	1
QEBBSE20	1 1/4	1 1/4
QEBBSE24	1 1/2	1 1/2
QEBBSE32	2	2

#### 90 Degree Elbows

#### BSPT Male - 90°



Part Number	BSPT M	BSPT M
QEBE02	1/8	1/8
QEBE04	1/4	1/4
QEBE0402	1/4	1/8
QEBE06	3/8	3/8
QEBE0604	3/8	1/4
QEBE08	1/2	1/2
QEBE0804	1/2	1/4
QEBE0806	1/2	3/8
QEBE12	3/4	3/4
QEBE1208	3/4	1/2
QEBE16	1	1
QEBE1612	1	3/4
QEBE20	1 1/4	1 1/4
QEBE2012	1 1/4	3/4
QEBE2016	1 1/4	1
QEBE24	1 1/2	1 1/2
QEBE32	2	2

## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows



#### BSPT Male x JIC Female Swivel - 90°

Part Number	BSPT M	JIC F S/W
QEBEK0409	1/4	9/16
QEBEK0609	3/8	9/16
QEBEK0812	1/2	3/4
QEBEK0814	1/2	7/8

#### 90 Degree Elbows



#### BSPT Male x JIC Male - 90°

Part Number	BSPT M	JIC M
QEBEL0207	1/8	7/16
QEBEL0208	1/8	1/2
QEBEL0209	1/8	9/16
QEBEL0212	1/8	3/4
QEBEL0407	1/4	7/16
QEBEL0408	1/4	1/2
QEBEL0409	1/4	9/16
QEBEL0412	1/4	3/4
QEBEL0607	3/8	7/16
QEBEL0609	3/8	9/16
QEBEL0612	3/8	3/4
QEBEL0614	3/8	7/8
QEBEL0807	1/2	7/16
QEBEL0809	1/2	9/16
QEBEL0812	1/2	3/4
QEBEL0814	1/2	7/8
QEBEL0817	1/2	1 1/16
QEBEL12	3/4	3/4
QEBEL1209	3/4	9/16
QEBEL1214	3/4	7/8
QEBEL1217	3/4	1 1/16
QEBEL1221	3/4	1 5/16
QEBEL1612	1	3/4
QEBEL1614	1	7/8
QEBEL1617	1	1 1/16
QEBEL1621	1	1 5/16
QEBEL1626	1	1 5/8

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## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows

#### BSPT Male x JIC Male - 90° *Continued...*



Part Number	BSPT M	JIC M
QEBEL2017	1 1/4	1 1/16
QEBEL2021	1 1/4	1 5/16
QEBEL2026	1 1/4	1 5/8
QEBEL2030	1 1/4	1 7/8
QEBEL2426	1 1/2	1 5/8
QEBEL2430	1 1/2	1 7/8
QEBEL2440	1 1/2	2 1/2
QEBEL3240	2	2 1/2

#### 90 Degree Elbows

#### BSPT Male x UNO Male - 90°



Part Number	BSPT M	UNO M
QEBEP0407	1/4	7/16
QEBEP0409	1/4	9/16
QEBEP0412	1/4	3/4
QEBEP0609	3/8	9/16
QEBEP0612	3/8	3/4
QEBEP0614	3/8	7/8
QEBEP0812	1/2	3/4
QEBEP0814	1/2	7/8
QEBEP0817	1/2	1 1/16
QEBEP1214	3/4	7/8
QEBEP1217	3/4	1 1/16
QEBEP1621	1	1 5/16

#### 90 Degree Elbows

#### JIC Female Swivel x JIC Male - 90°



Part Number	JIC F S/W	JIC M
QEBKL07	7/16	7/16
QEBKL08	1/2	1/2
QEBKL09	9/16	9/16
QEBKL09-M19	9/16	9/16
QEBKL12	3/4	3/4
QEBKL1209	3/4	9/16
QEBKL1214	3/4	7/8
QEBKL14	7/8	7/8

M19 = 19MM NUT

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## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows



M19 = 19MM NUT

#### JIC Female Swivel x JIC Male - 90° *Continued...*

Part Number	JIC F S/W	JIC M
QEBKL1412	7/8	3/4
QEBKL1417	7/8	1 1/16
QEBKL17	1 1/16	1 1/16
QEBKL1714	1 1/16	7/8
QEBKL21	1 5/16	1 5/16
QEBKL26	1 5/8	1 5/8
QEBKL30	1 7/8	1 7/8
QEBKL40	2 1/2	2 1/2

#### 90 Degree Elbows



#### JIC Female Swivel x UNO Male - 90°

Part Number	JIC F S/W	UNO M
QEBKP09	9/16	9/16
QEBKP0912	9/16	3/4
QEBKP12	3/4	3/4
QEBKP1214	3/4	7/8
QEBKP14	7/8	7/8
QEBKP17	1 1/16	1 1/16

#### 90 Degree Elbows



#### JIC Male - 90°

Part Number	JIC M	JIC M
QEBL07	7/16	7/16
QEBL09	9/16	9/16
QEBL12	3/4	3/4
QEBL1209	3/4	9/16
QEBL14	7/8	7/8
QEBL1412	7/8	3/4
QEBL17	1 1/16	1 1/16
QEBL1714	1 1/16	7/8
QEBL21	1 5/16	1 5/16
QEBL26	1 5/8	1 5/8
QEBL30	1 7/8	1 7/8



## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows

#### JIC Male x Metric Male Port - 90°



Part Number	JIC M	Metric M
QEBLR0712	7/16	12MM x 1.5
QEBLR0914	9/16	14MM x 1.5
QEBLR0916	9/16	16MM x 1.5
QEBLR0918	9/16	18MM x 1.5
QEBLR1216	3/4	16MM x 1.5
QEBLR1218	3/4	18MM x 1.5
QEBLR1222	3/4	22MM x 1.5
QEBLR1420	7/8	20MM x 1.5
QEBLR1422	7/8	22MM x 1.5
QEBLR1722	1 1/16	22MM x 1.5
QEBLR1727	1 1/16	27MM x 2
QEBLR1727-15MM	1 1/16	27MM x 1.5
QEBLR2127	1 5/16	27MM x 2
QEBLR2133	1 5/16	33MM x 2
QEBLR2642	1 5/8	42MM x 2

#### 90 Degree Elbows

#### JIC Male x NPT Male - 90°



Part Number	JIC M	NPT M
QEBLU0702	7/16	1/8
QEBLU0704	7/16	1/4
QEBLU0902	9/16	1/8
QEBLU0904	9/16	1/4
QEBLU0906	9/16	3/8
QEBLU0908	9/16	1/2
QEBLU0912	9/16	3/4
QEBLU12	3/4	3/4
QEBLU1206	3/4	3/8
QEBLU1208	3/4	1/2
QEBLU1408	7/8	1/2
QEBLU1712	1 1/16	3/4
QEBLU1716	1 1/16	1
QEBLU2116	1 5/16	1
QEBLU2120	1 5/16	1 1/4
QEBLU2124	1 5/16	1 1/2
QEBLU2620	1 5/8	1 1/4
QEBLU3024	1 7/8	1 1/2
QEBLU4032	2 1/2	2

## 90 Degree Elbows

### Elbow Block

90 Degree Elbows

JIC Male x UNO Male - 90°



Part Number	JIC M	UNO M
QEBLP07	7/16	7/16
QEBLP0709	7/16	9/16
QEBLP0712	7/16	3/4
QEBLP08	1/2	1/2
QEBLP09	9/16	9/16
QEBLP0907	9/16	7/16
QEBLP0908	9/16	1/2
QEBLP0912	9/16	3/4
QEBLP0914	9/16	7/8
QEBLP0917	9/16	1 1/16
QEBLP12	3/4	3/4
QEBLP1207	3/4	7/16
QEBLP1209	3/4	9/16
QEBLP1214	3/4	7/8
QEBLP1217	3/4	1 1/16
QEBLP1221	3/4	1 5/16
QEBLP14	7/8	7/8
QEBLP1409	7/8	9/16
QEBLP1412	7/8	3/4
QEBLP1417	7/8	1 1/16
QEBLP1421	7/8	1 5/16
QEBLP17	1 1/16	1 1/16
QEBLP1712	1 1/16	3/4
QEBLP1714	1 1/16	7/8
QEBLP1721	1 1/16	1 5/16
QEBLP1726	1 1/16	1 5/8
QEBLP1730	1 1/16	1 7/8
QEBLP21	1 5/16	1 5/16
QEBLP2114	1 5/16	7/8
QEBLP2117	1 5/16	1 1/16
QEBLP2126	1 5/16	1 5/8
QEBLP26	1 5/8	1 5/8
QEBLP2617	1 5/8	1 1/16
QEBLP2621	1 5/8	1 5/16
QEBLP30	1 7/8	1 7/8

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90 Degree Elbows

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## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows

#### JIS Metric Female Swivel Komatsu x JIS Metric Male Komatsu - 90°



Part Number	JIS F (Metric) S/W	JIS M (Metric)
QEBMN14	14MM x 1.5	14MM x 1.5
QEBMN16	16MM x 1.5	16MM x 1.5
QEBMN18	18MM x 1.5	18MM x 1.5
QEBMN22	22MM x 1.5	22MM x 1.5
QEBMN24	24MM x 1.5	24MM x 1.5
QEBMN30	30MM x 1.5	30MM x 1.5

#### 90 Degree Elbows

#### JIS Imperial Female Swivel x JIS Imperial Male - 90°



Part Number	JIS BSPP F	JIS BSPP M
QEBHJ04	1/4	1/4
QEBHJ06	3/8	3/8

#### 90 Degree Elbows

#### NPT Female Solid - 90°



Part Number	NPT F	NPT F
QEBTS02	1/8	1/8
QEBTS04	1/4	1/4
QEBTS06	3/8	3/8
QEBTS08	1/2	1/2
QEBTS12	3/4	3/4
QEBTS16	1	1
QEBTS20	1 1/4	1 1/4
QEBTS32	2	2

#### 90 Degree Elbows

#### NPT Female Solid x NPT Male - 90°



Part Number	NPT F	NPT M
QEBTSU02	1/8	1/8
QEBTSU04	1/4	1/4
QEBTSU06	3/8	3/8
QEBTSU08	1/2	1/2
QEBTSU12	3/4	3/4
QEBTSU16	1	1



## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows

#### NPT Female Swivel x NPT Male - 90°



Part Number	NPT F S/W	NPT M
QEBTU02	1/8	1/8
QEBTU04	1/4	1/4
QEBTU06	3/8	3/8

#### 90 Degree Elbows

#### NPT Male - 90°



Part Number	NPT M	NPT M
QEBU02	1/8	1/8
QEBU04	1/4	1/4
QEBU06	3/8	3/8
QEBU0604	3/8	1/4
QEBU08	1/2	1/2
QEBU0806	1/2	3/8
QEBU12	3/4	3/4
QEBU16	1	1

#### 90 Degree Elbows

#### NPT Male x ORFS Male - 90°



Part Number	NPT M	ORFS M
QEBUW0209	1/8	9/16

#### 90 Degree Elbows

#### ORFS Female Swivel x ORFS Male - 90°



Part Number	ORFS F S/W	ORFS M
QEBVW09	9/16	9/16
QEBVW11	11/16	11/16
QEBVW13	13/16	13/16
QEBVW16	1	1
QEBVW19	1 3/16	1 3/16
QEBVW23	1 7/16	1 7/16
QEBVW27	1 11/16	1 11/16



## 90 Degree Elbows

### Elbow Block

#### 90 Degree Elbows



#### ORFS Male - 90°

Part Number	ORFS M	ORFS M
QEBW09	9/16	9/16
QEBW11	11/16	11/16
QEBW13	13/16	13/16
QEBW16	1	1
QEBW19	1 3/16	1 3/16

#### 90 Degree Elbows



#### SAE Female Swivel x SAE Male - 90°

Part Number	SAE F S/W	SAE M
QEBSFSM10	5/8	5/8

#### 90 Degree Elbows



#### UNO Male x ORFS Male - 90°

Part Number	UNO M	ORFS M
QEBPW0709	7/16	9/16
QEBPW0711	7/16	11/16
QEBPW09	9/16	9/16
QEBPW0911	9/16	11/16
QEBPW0913	9/16	13/16
QEBPW1211	3/4	11/16
QEBPW1213	3/4	13/16
QEBPW1413	7/8	13/16
QEBPW1416	7/8	1
QEBPW1713	1 1/16	13/16
QEBPW1719	1 1/16	1 3/16
QEBPW2119	1 5/16	1 3/16
QEBPW2123	1 5/16	1 7/16
QEBPW2127	1 5/16	1 11/16

### Elbow Block Long Drop

#### 90 Degree Elbows



#### JIC Male x NPT Male Extended Elbow - 90°

Part Number	JIC M	NPT M	Drop Length
QLEBLU0702-E30	7/16	1/8	30MM
QLEBLU0702-E40	7/16	1/8	40MM
QLEBLU0704-E40	7/16	1/4	40MM
QLEBLU0704-E55	7/16	1/4	55MM



## 90 Degree Elbows

### Elbow Block Long Drop

90 Degree Elbows

#### JIC Male x UNO Male Extended Elbow - 90°



Part Number	JIC M	UNO M	Drop Length
QLEBLP09-E53	9/16	9/16	53MM
QLEBLP12-E63	3/4	3/4	63MM
QLEBLP1214-E55	3/4	7/8	55MM
QLEBLP1214-E73	3/4	7/8	73MM
QLEBLP1412-E73	7/8	3/4	73MM
QLEBLP1414-E73	7/8	7/8	73MM

### Elbow Tube

90 Degree Elbows

#### Code 61 Flange x JIC Male - 90°



Part Number	C61 Flange	JIC M	Drop Length
QETFL0812-45MM	1/2	3/4	45MM
QETFL12-58MM	3/4	3/4	58MM
QETFL1214-53MM	3/4	7/8	53MM
QETFL1217-58MM	3/4	1 1/16	58MM
QETFL1221-60MM	3/4	1 5/16	60MM
QETFL1617-58MM	1	1 1/16	58MM
QETFL1621-70MM	1	1 5/16	70MM
QETFL2021-70MM	1 1/4	1 5/16	70MM
QETFL2026-90MM	1 1/4	1 5/8	90MM
QETFL2426-90MM	1 1/2	1 5/8	90MM
QETFL2430-104MM	1 1/2	1 7/8	104MM
QETFL3240-120MM	2	2 1/2	120MM

90 Degree Elbows

#### Code 62 Flange x JIC Male - 90°



Part Number	C62 Flange	JIC M	Drop Length
QETGL1217-58MM	3/4	1 1/16	58MM
QETGL1221-60MM	3/4	1 5/16	60MM
QETGL1617-58MM	1	1 1/16	58MM
QETGL1621-70MM	1	1 5/16	70MM
QETGL2017-70MM	1 1/4	1 1/16	70MM
QETGL2021-70MM	1 1/4	1 5/16	70MM
QETGL2026-90MM	1 1/4	1 5/8	90MM
QETGL2426-90MM	1 1/2	1 5/8	90MM
QETGL2430-104MM	1 1/2	1 7/8	104MM
QETGL3240-124MM	2	2 1/2	124MM

## 90 Degree Elbows

### Elbow Tube

#### 90 Degree Elbows



#### Code 62 Flange x ORFS Male - 90°

Part Number	C62 Flange	ORFS M	Drop Length
QETGW1219-58MM	3/4	1 3/16	58MM
QETGW1223-70MM	3/4	1 7/16	70MM
QETGW1623-70MM	1	1 7/16	70MM
QETGW2027-82MM	1 1/4	1 11/16	82MM

#### 90 Degree Elbows



#### JIC Female Swivel x JIC Male - 90°

Part Number	JIC F S/W	JIC M	Drop Length
QETKL07-21MM	7/16	7/16	21MM
QETKL09-24MM	9/16	9/16	24MM
QETKL12-31MM	3/4	3/4	31MM
QETKL14-34MM	7/8	7/8	34MM
QETKL17-53MM	1 1/16	1 1/16	53MM
QETKL21-70MM	1 5/16	1 5/16	70MM
QETKL26-85MM	1 5/8	1 5/8	85MM
QETKL30-110MM	1 7/8	1 7/8	110MM

### Elbow Tube Long

#### 90 Degree Elbows



#### Code 61 Flange x JIC Male - 90° Long Drop

Part Number	C61 Flange	JIC M	Drop Length
QELFL1217D96	3/4	1 1/16	96MM
QELFL1621D117	1	1 5/16	117MM
QELFL2026D130	1 1/4	1 5/8	130MM

#### 90 Degree Elbows



#### Code 62 Flange x JIC Male - 90° Long Drop

Part Number	C62 Flange	JIC M	Drop Length
QELGL1217D96	3/4	1 1/16	96MM
QELGL1621D117	1	1 5/16	117MM
QELGL2026D130	1 1/4	1 5/8	130MM



## 90 Degree Elbows

### Elbow Tube

#### 90 Degree Elbows

#### JIC Female Swivel x JIC Male - 90° Long Drop



Part Number	JIC F S/W	JIC M	Drop Length
QELKL07-46MM	7/16	7/16	46MM
QELKL09-55MM	9/16	9/16	55MM
QELKL12-62MM	3/4	3/4	62MM
QELKL14-65MM	7/8	7/8	65MM
QELKL17-95MM	1 1/16	1 1/16	95MM
QELKL21-107MM	1 5/16	1 5/16	107MM
QELKL26-130MM	1 5/8	1 5/8	130MM

## Caps

#### Caps

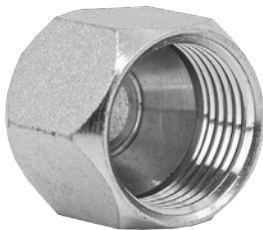
#### BSPF Female Swivel



Part Number	BSPF F
QCA02	1/8
QCA04	1/4
QCA06	3/8
QCA08	1/2
QCA10	5/8
QCA12	3/4
QCA16	1
QCA20	1 1/4
QCA24	1 1/2
QCA32	2

#### Caps

#### JIC Female Solid



Part Number	JIC F
QCKS07	7/16
QCKS09	9/16
QCKS12	3/4
QCKS14	7/8
QCKS17	1 1/16
QCKS21	1 5/16
QCKS26	1 5/8
QCKS30	1 7/8
QCKS40	2 1/2



## Caps

Caps



### JIC Female Swivel

Part Number	JIC F		
QCK07	7/16		
QCK08	1/2		
QCK09	9/16		
QCK12	3/4		
QCK14	7/8		
QCK17	1 1/16		
QCK19	1 3/16		
QCK21	1 5/16		
QCK26	1 5/8		
QCK30	1 7/8		
QCK40	2 1/2		

Caps



### JIS Imperial Female

Part Number	JIS F (BSPP)		
QCH04	1/4		
QCH06	3/8		
QCH08	1/2		
QCH12	3/4		
QCH16	1		

Caps



### JIS Metric Female (Komatsu)

Part Number	JIS F Metric		
QCMS14	14MM		
QCMS16	16MM		
QCMS18	18MM		
QCMS20	20MM		
QCMS22	22MM		
QCMS24	24MM		
QCMS26	26MM		
QCMS30	30MM		
QCMS33	33MM		

## Caps

### Caps



### ORFS Female Swivel

Part Number	ORFS F		
QCV09	9/16		
QCV11	11/16		
QCV13	13/16		
QCV16	1		
QCV19	1 3/16		
QCV23	1 7/16		
QCV27	1 11/16		
QCV32	2		

## Cross

### Cross



### BSPT Female Solid

Part Number	BSPT F		
QCRBS04	1/4		
QCRBS06	3/8		
QCRBS08	1/2		
QCRBS12	3/4		
QCRBS16	1		

### Cross



### JIC Male Solid

Part Number	JIC M		
QCRL12	3/4		

## Flange Block / Side Port

### Code 61

### Flange Block

### Code 61 Flange Blanking Plate - with O'Ring Groove



Includes clearance holes, O'Ring groove is one side only.

Part Number	C61 Flange		
QFBF12-B-0	3/4		
QFBF16-B-0	1		
QFBF20-B-0	1 1/4		
QFBF24-B-0	1 1/2		
QFBF32-B-0	2		

## Flange Block / Side Port

### Code 61

#### Flange Block

#### Code 61 Flange Blanking Plate - UNC



Includes UNC threaded bolt holes.

Part Number	C61 Flange	UNC
QFBF12-B-UNC	3/4	3/8 x 16
QFBF16-B-UNC	1	3/8 x 16
QFBF20-B-UNC	1 1/4	7/16 x 14
QFBF24-B-UNC	1 1/2	1/2 x 13
QFBF32-B-UNC	2	1/2 x 13

#### Flange Block

#### Code 61 Flange Block x BSPP Female with O'Ring Groove



Includes clearance holes & O'Ring groove.

Part Number	C61 Flange	BSPP F
BF3FA-08-O	1/2	1/2
BF3FA-12-O	3/4	3/4
BF3FA-16-O	1	1
BF3FA-20-O	1 1/4	1 1/4
BF3FA-24-O	1 1/2	1 1/2
BF3FA-32-O	2	2
BF3FA-32-16-O	2	1
BF3FA-40-O	2 1/2	2 1/2
BF3FA-48-O	3	3

#### Flange Block

#### Code 61 Flange Block x BSPP Female - UNC



Includes UNC tapped holes, no O'Ring groove.

Part Number	C61 Flange	BSPP F
BF3FB-08-UNC	1/2	1/2
BF3FB-12-UNC	3/4	3/4
BF3FB-16-UNC	1	1
BF3FB-20-UNC	1 1/4	1 1/4
BF3FB-24-UNC	1 1/2	1 1/2
BF3FB-32-UNC	2	2
BF3FB-40-UNC	2 1/2	2 1/2
BF3FB-48-UNC	3	3

#### Flange Block

#### Code 61 Flange Block x JIC Male with O'Ring Groove



Includes clearance holes & O'Ring groove.

Part Number	C61 Flange	JIC M
BF7FL0812-O	1/2	3/4
BF7FL1217-O	3/4	1 1/16
BF7FL1621-O	1	1 5/16
BF7FL2026-O	1 1/4	1 5/8
BF7FL2430-O	1 1/2	1 7/8
BF7FL3240-O	2	2 1/2



## Flange Block / Side Port

### Flange Block / Side Port



### Code 61 x BSPP Female Side Port Adaptor

Part Number	C61 Flange	BSPP F
BF4AF-1604	1	1/4

## Code 62

### Flange Block



Includes clearance holes, O'Ring is one side only.

### Code 62 Flange Blanking Plate with O'Ring Groove

Part Number	C62 Flange	
QFBG12-B-0	3/4	
QFBG16-B-0	1	
QFBG20-B-0	1 1/4	
QFBG24-B-0	1 1/2	
QFBG32-B-0	2	

### Flange Block



Includes UNC threaded bolt holes.

### Code 62 Flange Blanking Plate - UNC

Part Number	C62 Flange	UNC
QFBG12-B-UNC	3/4	3/8 x 16
QFBG16-B-UNC	1	7/16 x 14
QFBG20-B-UNC	1 1/4	1/2 x 13
QFBG24-B-UNC	1 1/2	5/8 x 11
QFBG32-B-UNC	2	3/4 x 10

### Flange Block



Includes clearance holes & O'Ring groove.

### Code 62 Flange Block x BSPP Female with O'Ring Groove

Part Number	C62 Flange	BSPP F
BF3GA-08-0	1/2	1/2
BF3GA-12-0	3/4	3/4
BF3GA-16-0	1	1
BF3GA-20-0	1 1/4	1 1/4
BF3GA-24-0	1 1/2	1 1/2
BF3GA-32-0	2	2

### Flange Block



Includes UNC tapped holes, no O'Ring groove.

### Code 62 Flange Block x BSPP Female - UNC

Part Number	C62 Flange	BSPP F
BF3GB-08-UNC	1/2	1/2
BF3GB-12-UNC	3/4	3/4
BF3GB-16-UNC	1	1
BF3GB-20-UNC	1 1/4	1 1/4
BF3GB-24-UNC	1 1/2	1 1/2
BF3GB-32-UNC	2	2



## Flange Block / Side Port

### Code 62

#### Flange Block



Includes clearance holes & O'Ring groove.

#### Code 62 Flange Block x UNO Female

Part Number	C62 Flange	UNO F
BF8GP1621-O	1	1 5/16

#### Flange Block



Includes clearance holes & O'Ring groove.

#### Code 62 Flange Block x JIC Male

Part Number	C62 Flange	JIC M
BF7GL0812-O	1/2	3/4
BF7GL1217-O	3/4	1 1/16
BF7GL1621-O	1	1 5/16
BF7GL2026-O	1 1/4	1 5/8
BF7GL2430-O	1 1/2	1 7/8
BF7GL3240-O	2	2 1/2

## Flange Clamps & Bolts

### Bolt Set Code 61

#### Flange Clamps



#### Code 61 Allen Head Bolt Set Metric

Part Number	C61 Flange	Metric
QFCF08-BOLT-C-M	1/2	8MM x 1.25 x 30
QFCF12/16-BOLT-C-M	3/4 - 1	10MM x 1.5 x 30
QFCF20-BOLT-C-M	1 1/4	10MM x 1.5 x 40
QFCF24/32-BOLT-C-M	1 1/2 - 2	12MM x 1.75 x 40
QFCF40-BOLT-C-M	2 1/2	12MM x 1.75 x 45

#### Flange Clamps



#### Code 61 Hex Bolt Set - UNC

Part Number	C61 Flange	UNC
QFCF08-BOLT-UNC	1/2	5/16 x 18 x 1 1/4
QFCF12/16-BOLT-UNC	3/4 - 1	3/8 x 16 x 1 1/4
QFCF20-BOLT-UNC	1 1/4	7/16 x 14 x 1 1/2
QFCF24-BOLT-UNC	1 1/2	1/2 x 13 x 1 1/2
QFCF32-BOLT-UNC	2	1/2 x 13 x 1 1/2
QFCF40-BOLT-UNC	2 1/2	1/2 x 13 x 1 3/4
QFCF48-BOLT-UNC	3	5/8 x 11 x 1 3/4

## Flange Clamps & Bolts

### Bolt Set Code 62

#### Flange Clamps



#### Code 62 Flange Bolt Set - Metric

Part Number	C62 Flange	Metric
QFCG12-BOLT-C-M	3/4	10MM x 15 x 35
QFCG16-BOLT-C-M	1	12MM x 1.75 x 45
QFCG20-BOLT-C-M	1 1/4	14MM x 2 x 45
QFCG24-BOLT-C-M	1 1/2	16MM x 2 x 55
QFCG32-BOLT-C-M	2	20MM x 2.5 x 70

#### Flange Clamps



#### Code 62 Flange Bolt Set - UNC

Part Number	C62 Flange	UNC
QFCG12-BOLT-UNC	3/4	3/8 x 16 x 1 1/2
QFCG16-BOLT-UNC	1	7/16 x 14 x 1 3/4
QFCG20-BOLT-UNC	1 1/4	1/2 x 13 x 1 3/4
QFCG24-BOLT-UNC	1 1/2	5/8 x 11 x 2 1/4
QFCG32-BOLT-UNC	2	3/4 x 10 x 2 3/4

### Clamps Including Bolts

#### Flange Clamps



#### Code 61 Flange Clamp Set Including Bolts - UNC

Part Number	C61 Flange	UNC
QFCF64-UNC	4	5/8 x 11 x 2

#### Flange Clamps



#### Code 62 Flange Clamp Set Including Bolts - Metric

Part Number	C62 Flange	Metric
QFCG12-METRIC	3/4	10MM x 15 x 35
QFCG16-METRIC	1	12MM x 1.75 x 45
QFCG20-METRIC	1 1/4	14MM x 2 x 45
QFCG32-METRIC	2	20MM x 2.5 x 70

## Flange Clamps & Bolts

### Clamps & Accessories

#### Flange Clamps

#### Caterpillar Flange Clamp - NO BOLTS



Part Number	CAT Flange	
QFCG12CAT-UNC	3/4	
QFCG16CAT-UNC	1	
QFCG20CAT-UNC	1 1/4	
QFCG24CAT-UNC	1 1/2	
QFCG32CAT-UNC	2	

#### Flange Clamps

#### Code 61 Flange Clamp



Part Number	C61 Flange	
QFCF08	1/2	
QFCF12	3/4	
QFCF16	1	
QFCF20	1 1/4	
QFCF24	1 1/2	
QFCF32	2	
QFCF40	2 1/2	
QFCF48	3	

#### Flange Clamps

#### Code 62 Flange Clamp



Part Number	C62 Flange	
QFCG08	1/2	
QFCG12	3/4	
QFCG16	1	
QFCG20	1 1/4	
QFCG24	1 1/2	
QFCG32	2	

#### Flange Clamps

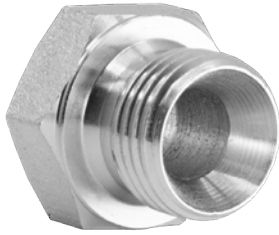
#### Caterpillar Flange Spacing Ring



Part Number	Flange	
CAT-12	3/4	
CAT-16	1	
CAT-20	1 1/4	
CAT-24	1 1/2	
CAT-32	2	

## Plugs

### Plugs



### BSPP Male

QPD02	1/8
QPD04	1/4
QPD06	3/8
QPD08	1/2
QPD10	5/8
QPD12	3/4
QPD16	1
QPD20	1 1/4
QPD24	1 1/2
QPD32	2

### Plugs



### BSPP Male Allen Head (ED Seal)

Part Number	BSPP M
QPD02A	1/8
QPD04A	1/4
QPD06A	3/8
QPD08A	1/2
QPD12A	3/4
QPD16A	1
QPD20A	1 1/4
QPD24A	1 1/2

### Plugs



### BSPT Male

Part Number	BSPT M
QPE02	1/8
QPE04	1/4
QPE06	3/8
QPE08	1/2
QPE10	5/8
QPE12	3/4
QPE16	1
QPE20	1 1/4
QPE24	1 1/2
QPE32	2



## Plugs

### Plugs

### BSPT Male - Counter Sunk Allen Head



Part Number	BSPT M	
QPE-02-CS	1/8	
QPE-04-CS	1/4	
QPE-06-CS	3/8	
QPE-12-CS	3/4	
QPE-16-CS	1	

### Plugs

### Code 61 Flange Disc



Used With QFCF clamps.

Part Number	C61 Flange	
QFBF08	1/2	
QFBF12	3/4	
QFBF16	1	
QFBF20	1 1/4	
QFBF24	1 1/2	
QFBF32	2	

### Plugs

### Code 62 Flange Disc



Used With QFCG clamps.

Part Number	C62 Flange	
QFBG08	1/2	
QFBG12	3/4	
QFBG16	1	
QFBG20	1 1/4	
QFBG24	1 1/2	
QFBG32	2	

### Plugs

### JIC Male



Part Number	JIC M	
QPL07	7/16	
QPL08	1/2	
QPL09	9/16	
QPL12	3/4	
QPL14	7/8	
QPL17	1 1/16	
QPL19	1 3/16	
QPL21	1 5/16	
QPL26	1 5/8	
QPL30	1 7/8	
QPL40	2 1/2	



## Plugs

### Plugs



### JIS Imperial BSP Male (Mitsubishi)

Part Number	JIS (BSP)	
QPJ04	1/4	
QPJ06	3/8	
QPJ08	1/2	
QPJ12	3/4	
QPJ16	1	

### Plugs



### JIS Metric Male (Komatsu)

Part Number	JIS M (Metric)	
QPN12	12MM	
QPN14	14MM	
QPN16	16MM	
QPN18	18MM	
QPN20	20MM	
QPN22	22MM	
QPN24	24MM	
QPN26	26MM	
QPN30	30MM	
QPN33	33MM	

### Plugs



### Metric Male Port Plug

Part Number	Metric M	
QPR1215	12MM x 1.5	
QPR1415	14MM x 1.5	
QPR1615	16MM x 1.5	
QPR1815	18MM x 1.5	
QPR2015	20MM x 1.5	
QPR2215	22MM x 1.5	
QPR2415	24MM x 1.5	
QPR2615	26MM x 1.5	
QPR3015	30MM x 1.5	
QPR3020	30MM x 2	
QPR3315	33MM x 1.5	
QPR3320	33MM x 2	
QPR3615	36MM x 1.5	
QPR3620	36MM x 2	
QPR4220	42MM x 2	

## Plugs

### Plugs

### Metric Male Port Plug *Continued.*



Part Number	Metric M	
QPR4520	45MM x 2	
QPR5220	52MM x 2	

### Plugs

### NPT Male



Part Number	NPT M	
QPU02	1/8	
QPU04	1/4	
QPU06	3/8	
QPU08	1/2	
QPU12	3/4	
QPU16	1	
QPU20	1 1/4	
QPU24	1 1/2	
QPU32	2	

### Plugs

### NPT Male - Counter Sunk Allen Head



Part Number	NPT M	
QPU-02-CS	1/8	
QPU-04-CS	1/4	
QPU-06-CS	3/8	
QPU-08-CS	1/2	
QPU-12-CS	3/4	
QPU-16-CS	1	

### Plugs

### ORFS Male



Part Number	ORFS M	
QPW09	9/16	
QPW11	11/16	
QPW13	13/16	
QPW16	1	
QPW19	1 3/16	
QPW23	1 7/16	
QPW27	1 11/16	
QPW32	2	



## Plugs

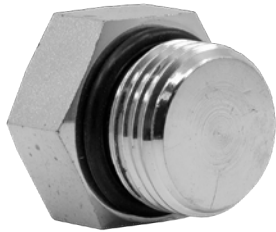
### Plugs



### UNO Male Allen Head

Part Number	UNO M
QPP05A	5/16
QPP06A	3/8
QPP07A	7/16
QPP08A	1/2
QPP09A	9/16
QPP12A	3/4
QPP14A	7/8
QPP17A	1 1/16
QPP21A	1 5/16
QPP26A	1 5/8

### Plugs



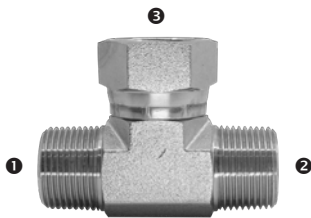
### UNO Male Hex

Part Number	UNO M
QPP07	7/16
QPP09	9/16
QPP12	3/4
QPP14	7/8
QPP17	1 1/16
QPP21	1 5/16
QPP26	1 5/8
QPP30	1 7/8

## Tee Piece

### Branch Tee

### Tee Piece



### BSPT Male x BSPT Male x BSPP Female Swivel - Branch Tee

Part Number	① BSPT M	② BSPT M	③ BSPP F S/W
QTEEEA04	1/4	1/4	1/4
QTEEEA06	3/8	3/8	3/8
QTEEEA08	1/2	1/2	1/2
QTEEEA12	3/4	3/4	3/4
QTEEEA16	1	1	1

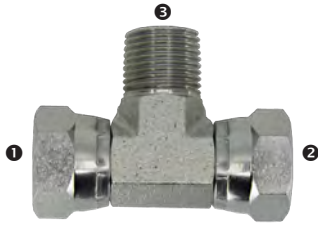


## Tee Piece

### Branch Tee

Tee Piece

#### BSPP Female Swivel x BSPP Female Swivel x BSPT Male



Part Number	1 BSPP F S/W	2 BSPP F S/W	3 BSPT M
QTEAAE08	1/2	1/2	1/2

Tee Piece

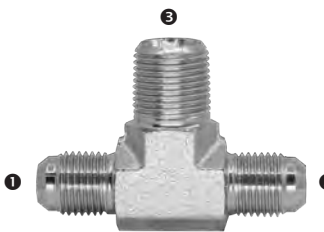
#### JIC Male x JIC Male x BSPP Male - Branch Tee



Part Number	1 JIC M	2 JIC M	3 BSPP M
QTELLD070704	7/16	7/16	1/4
QTELLD090904	9/16	9/16	1/4
QTELLD090906	9/16	9/16	3/8
QTELLD121206	3/4	3/4	3/8
QTELLD121208	3/4	3/4	1/2
QTELLD141408	7/8	7/8	1/2
QTELLD171712	1 1/16	1 1/16	3/4
QTELLD212116	1 5/16	1 5/16	1

Tee Piece

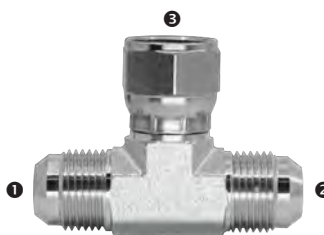
#### JIC Male x JIC Male x BSPT Male - Branch Tee



Part Number	1 JIC M	2 JIC M	3 BSPT M
QTELLE070702	7/16	7/16	1/8
QTELLE090904	9/16	9/16	1/4
QTELLE090906	9/16	9/16	3/8
QTELLE121206	3/4	3/4	3/8
QTELLE121208	3/4	3/4	1/2
QTELLE141408	7/8	7/8	1/2
QTELLE171712	1 1/16	1 1/16	3/4
QTELLE212116	1 5/16	1 5/16	1

Tee Piece

#### JIC Male x JIC Male x JIC Female Swivel - Branch Tee



Part Number	1 JIC M	2 JIC M	3 JIC S/W
QTELLK07	7/16	7/16	7/16
QTELLK08	1/2	1/2	1/2
QTELLK09	9/16	9/16	9/16
QTELLK12	3/4	3/4	3/4
QTELLK14	7/8	7/8	7/8

Continued on following page..

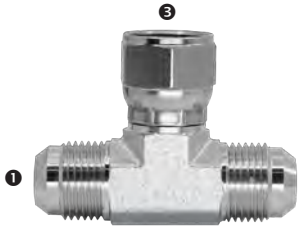


## Tee Piece

### Branch Tee

Tee Piece

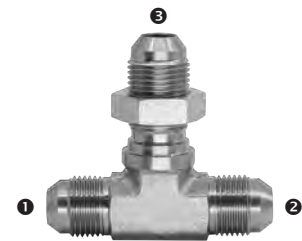
#### JIC Male x JIC Male x JIC Female Swivel - Branch Tee *Continued.*



Part Number	1 JIC M	2 JIC M	3 JIC S/W
QTELLK17	1 1/16	1 1/16	1 1/16
QTELLK21	1 5/16	1 5/16	1 5/16
QTELLK26	1 5/8	1 5/8	1 5/8
QTELLK30	1 7/8	1 7/8	1 7/8

Tee Piece

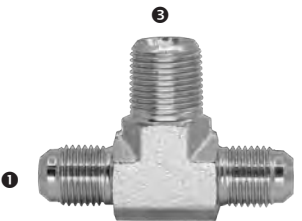
#### JIC Male x JIC Male x JIC Bulkhead Male - Branch Tee



Part Number	1 JIC M	2 JIC M	3 JIC M B/H
QTELLBL09	9/16	9/16	9/16
QTELLBL12	3/4	3/4	3/4
QTELLBL14	7/8	7/8	7/8
QTELLBL17	1 1/16	1 1/16	1 1/16
QTELLBL21	1 5/16	1 5/16	1 5/16

Tee Piece

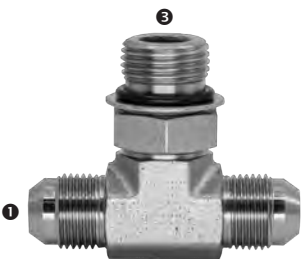
#### JIC Male x JIC Male x NPT Male - Branch Tee



Part Number	1 JIC M	2 JIC M	3 NPT M
QTELLU070702	7/16	7/16	1/8
QTELLU090904	9/16	9/16	1/4
QTELLU121206	3/4	3/4	3/8

Tee Piece

#### JIC Male x JIC Male x UNO Male - Branch Tee



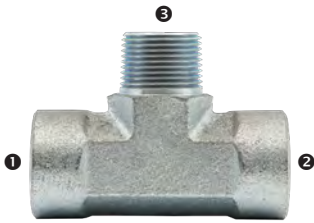
Part Number	1 JIC M	2 JIC M	3 UNO M
QTELLP07	7/16	7/16	7/16
QTELLP09	9/16	9/16	9/16
QTELLP090907	9/16	9/16	7/16
QTELLP090912	9/16	9/16	3/4
QTELLP12	3/4	3/4	3/4
QTELLP121214	3/4	3/4	7/8
QTELLP14	7/8	7/8	7/8
QTELLP17	1 1/16	1 1/16	1 1/16
QTELLP21	1 5/16	1 5/16	1 5/16

## Tee Piece

### Branch Tee

Tee Piece

#### NPT Female x NPT Female x NPT Male - Branch Tee



Part Number	1 NPT F	2 NPT F	3 NPT M
QTETSTSU16	1	1	1

Tee Piece

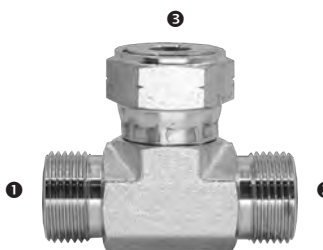
#### NPT Male x NPT Male x NPT Female - Branch Tee



Part Number	1 NPT M	2 NPT M	3 NPT F
QTEUUS20	1 1/4	1 1/4	1 1/4

Tee Piece

#### ORFS Male x ORFS Male x ORFS Female Swivel - Branch Tee



Part Number	1 ORFS M	2 ORFS M	3 ORFS F S/W
QTEWWV09	9/16	9/16	9/16
QTEWWV11	11/16	11/16	11/16
QTEWWV13	13/16	13/16	13/16
QTEWWV16	1	1	1
QTEWWV19	1 3/16	1 3/16	1 3/16
QTEWWV23	1 7/16	1 7/16	1 7/16

### Equal Female

Tee Piece

#### BSPP Female Solid





Part Number	1 BSPP F	2 BSPP F	3 BSPP F
QTEAS04	1/4	1/4	1/4
QTEAS06	3/8	3/8	3/8
QTEAS08	1/2	1/2	1/2
QTEAS12	3/4	3/4	3/4
QTEAS16	1	1	1
QTEAS32	2	2	2



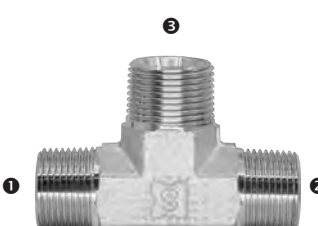
## Tee Piece

### Equal Female

Tee Piece	BSPT Female Solid			
	Part Number	① BSPT F	② BSPT F	③ BSPT F
 <p>A photograph of a BSPT Female Solid Tee Piece. It is a T-shaped metal fitting with three female BSPT ports. The top port is labeled ③, the left port is labeled ①, and the right port is labeled ②.</p>	QTEBS02	1/8	1/8	1/8
	QTEBS04	1/4	1/4	1/4
	QTEBS06	3/8	3/8	3/8
	QTEBS08	1/2	1/2	1/2
	QTEBS12	3/4	3/4	3/4
	QTEBS16	1	1	1
	QTEBS20	1 1/4	1 1/4	1 1/4
	QTEBS24	1 1/2	1 1/2	1 1/2
	QTEBS32	2	2	2

Tee Piece	NPT Female Solid			
	Part Number	① NPT F	② NPT F	③ NPT F
 <p>A photograph of an NPT Female Solid Tee Piece. It is a T-shaped metal fitting with three female NPT ports. The top port is labeled ③, the left port is labeled ①, and the right port is labeled ②.</p>	QTETS02	1/8	1/8	1/8
	QTETS04	1/4	1/4	1/4
	QTETS06	3/8	3/8	3/8
	QTETS08	1/2	1/2	1/2
	QTETS12	3/4	3/4	3/4
	QTETS16	1	1	1
	QTETS20	1 1/4	1 1/4	1 1/4
	QTETS24	1 1/2	1 1/2	1 1/2
	QTETS32	2	2	2

### Equal Male

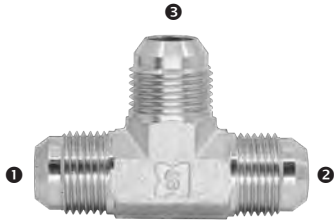
Tee Piece	BSPT Male			
	Part Number	① BSPT M	② BSPT M	③ BSPT M
 <p>A photograph of a BSPT Male Tee Piece. It is a T-shaped metal fitting with three male BSPT ports. The top port is labeled ③, the left port is labeled ①, and the right port is labeled ②.</p>	QTEE02	1/8	1/8	1/8
	QTEE04	1/4	1/4	1/4
	QTEE06	3/8	3/8	3/8
	QTEE08	1/2	1/2	1/2
	QTEE12	3/4	3/4	3/4
	QTEE16	1	1	1
	QTEE20	1 1/4	1 1/4	1 1/4



## Tee Piece

### Equal male

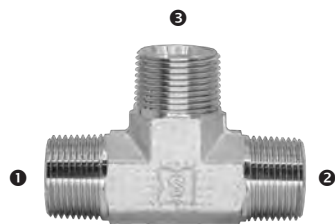
Tee Piece



### JIC Male

Part Number	1 JIC M	2 JIC M	3 JIC M
QTEL07	7/16	7/16	7/16
QTEL09	9/16	9/16	9/16
QTEL090912	9/16	9/16	3/4
QTEL12	3/4	3/4	3/4
QTEL121209	3/4	3/4	9/16
QTEL121214	3/4	3/4	7/8
QTEL14	7/8	7/8	7/8
QTEL17	1 1/16	1 1/16	1 1/16
QTEL21	1 5/16	1 5/16	1 5/16
QTEL212117	1 5/16	1 5/16	1 1/16
QTEL26	1 5/8	1 5/8	1 5/8
QTEL30	1 7/8	1 7/8	1 7/8
QTEL40	2 1/2	2 1/2	2 1/2

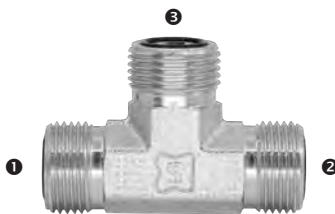
Tee Piece



### NPT Male

Part Number	1 NPT M	2 NPT M	3 NPT M
QTEU02	1/8	1/8	1/8
QTEU04	1/4	1/4	1/4
QTEU06	3/8	3/8	3/8
QTEU08	1/2	1/2	1/2
QTEU12	3/4	3/4	3/4
QTEU16	1	1	1

Tee Piece



### ORFS Male

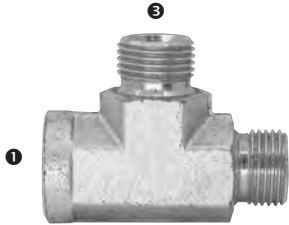
Part Number	1 ORFS M	2 ORFS M	3 ORFS M
QTEW09	9/16	9/16	9/16
QTEW11	11/16	11/16	11/16
QTEW13	13/16	13/16	13/16
QTEW16	1	1	1
QTEW19	1 3/16	1 3/16	1 3/16
QTEW23	1 7/16	1 7/16	1 7/16

## Tee Piece

### Run Tee

Tee Piece

#### BSPP Female Solid x BSPP Male x BSPP Male - Run Tee



Part Number	1 BSPP F	2 BSPP M	3 BSPP M
QTEASDD04	1/4	1/4	1/4
QTEASDD06	3/8	3/8	3/8
QTEASDD08	1/2	1/2	1/2
QTEASDD12	3/4	3/4	3/4

Tee Piece

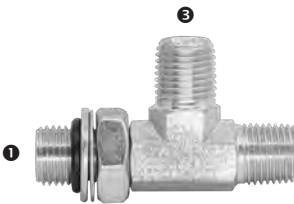
#### BSPP Female Swivel x BSPT Male x BSPT Male - Run Tee



Part Number	1 BSPP F S/W	2 BSPT M	3 BSPT M
QTEAEE02	1/8	1/8	1/8
QTEAEE04	1/4	1/4	1/4
QTEAEE06	3/8	3/8	3/8
QTEAEE08	1/2	1/2	1/2
QTEAEE12	3/4	3/4	3/4
QTEAEE16	1	1	1
QTEAEE20	1 1/4	1 1/4	1 1/4
QTEAEE24	1 1/2	1 1/2	1 1/2
QTEAEE32	2	2	2

Tee Piece

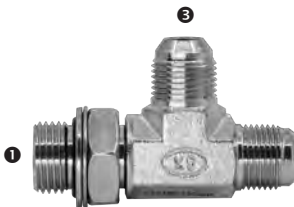
#### BSPP Male x BSPT Male x BSPT Male - Run Tee



Part Number	1 BSPP M	2 BSPT M	3 BSPT M
QTEDEE04	1/4	1/4	1/4
QTEDEE06	3/8	3/8	3/8
QTEDEE08	1/2	1/2	1/2

Tee Piece

#### BSPP Male x JIC Male x JIC Male - Run Tee



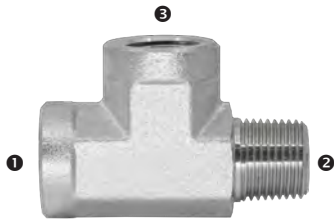
Part Number	1 BSPP M	2 JIC M	3 JIC M
QTEDLL040707	1/4	7/16	7/16
QTEDLL040909	1/4	9/16	9/16
QTEDLL060909	3/8	9/16	9/16
QTEDLL061212	3/8	3/4	3/4
QTEDLL081212	1/2	3/4	3/4
QTEDLL081414	1/2	7/8	7/8
QTEDLL121717	3/4	1 1/16	1 1/16
QTEDLL162121	1	1 5/16	1 5/16
QTEDLL202626	1 1/4	1 5/8	1 5/8

## Tee Piece

### Run Tee

Tee Piece

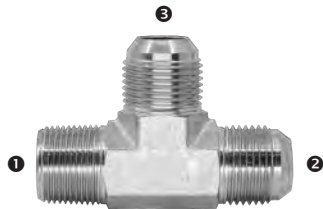
#### BSPT Female x BSPT Male x BSPT Female - Run Tee



Part Number	① BSPT F	② BSPT M	③ BSPT F
QTEBSEBS02	1/8	1/8	1/8
QTEBSEBS04	1/4	1/4	1/4
QTEBSEBS06	3/8	3/8	3/8
QTEBSEBS08	1/2	1/2	1/2
QTEBSEBS12	3/4	3/4	3/4
QTEBSEBS16	1	1	1
QTEBSEBS20	1 1/4	1 1/4	1 1/4

Tee Piece

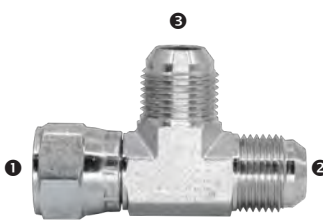
#### BSPT Male x JIC Male x JIC Male - Run Tee



Part Number	① BSPT M	② JIC M	③ JIC M
QTEELL020707	1/8	7/16	7/16
QTEELL040707	1/4	7/16	7/16
QTEELL040909	1/4	9/16	9/16
QTEELL060909	3/8	9/16	9/16
QTEELL061212	3/8	3/4	3/4
QTEELL081212	1/2	3/4	3/4
QTEELL081414	1/2	7/8	7/8
QTEELL121717	3/4	1 1/16	1 1/16
QTEELL162121	1	1 5/16	1 5/16

Tee Piece

#### JIC Female Swivel x JIC Male x JIC Male - Run Tee



M19 = 19MM Nut

Part Number	① JIC F S/W	② JIC M	③ JIC M
QTEKLL07	7/16	7/16	7/16
QTEKLL08	1/2	1/2	1/2
QTEKLL09	9/16	9/16	9/16
QTEKLL09-M19	9/16	9/16	9/16
QTEKLL12	3/4	3/4	3/4
QTEKLL120909	3/4	9/16	9/16
QTEKLL121209	3/4	3/4	9/16
QTEKLL14	7/8	7/8	7/8
QTEKLL141409	7/8	7/8	9/16
QTEKLL141412	7/8	7/8	3/4
QTEKLL17	1 1/16	1 1/16	1 1/16
QTEKLL171414	1 1/16	7/8	7/8
QTEKLL171714	1 1/16	1 1/16	7/8

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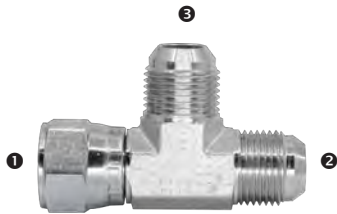


## Tee Piece

### Run Tee

Tee Piece

#### JIC Female Swivel x JIC Male x JIC Male - Run Tee *Continued*

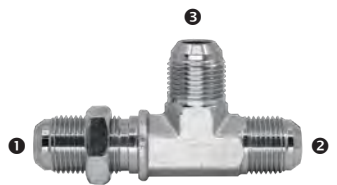


M19 = 19MM Nut

Part Number	① JIC F S/W	② JIC M	③ JIC M
QTEKLL21	1 5/16	1 5/16	1 5/16
QTEKLL211717	1 5/16	1 1/16	1 1/16
QTEKLL212117	1 5/16	1 5/16	1 1/16
QTEKLL26	1 5/8	1 5/8	1 5/8
QTEKLL30	1 7/8	1 7/8	1 7/8
QTEKLL40	2 1/2	2 1/2	2 1/2

Tee Piece

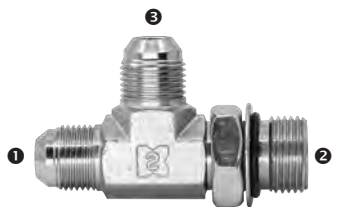
#### JIC Male Bulkhead x JIC Male x JIC Male - Run Tee



Part Number	① JIC M B/H	② JIC M	③ JIC M
QTEBLLL09	9/16	9/16	9/16
QTEBLLL12	3/4	3/4	3/4
QTEBLLL14	7/8	7/8	7/8
QTEBLLL17	1 1/16	1 1/16	1 1/16
QTEBLLL21	1 5/16	1 5/16	1 5/16
QTEBLLL26	1 5/8	1 5/8	1 5/8
QTEBLLL30	1 7/8	1 7/8	1 7/8

Tee Piece

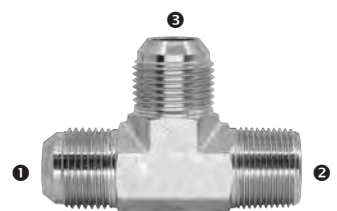
#### JIC Male x UNO Male x JIC Male - Run Tee



Part Number	① JIC M	② UNO M	③ JIC M
QTEPL07	7/16	7/16	7/16
QTEPL09	9/16	9/16	9/16
QTEPL12	3/4	3/4	3/4
QTEPL121412	3/4	7/8	3/4
QTEPL14	7/8	7/8	7/8
QTEPL17	1 1/16	1 1/16	1 1/16
QTEPL172117	1 1/16	1 5/16	1 1/16
QTEPL21	1 5/16	1 5/16	1 5/16
QTEPL26	1 5/8	1 5/8	1 5/8

Tee Piece

#### JIC Male x NPT Male x JIC Male - Run Tee



Part Number	① JIC M	② NPT M	③ JIC M
QTELUL262026	1 5/8	1 1/4	1 5/8

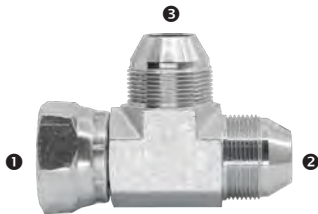


## Tee Piece

### Run Tee

Tee Piece

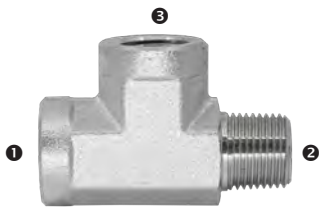
#### JIS Female Komatsu Swivel x JIS Male x JIS Male - Metric



Part Number	① JIS F S/W	② JIS M	③ JIS M
QTEMNN14	14MM x 1.5	14MM x 1.5	14MM x 1.5
QTEMNN18	18MM x 1.5	18MM x 1.5	18MM x 1.5
QTEMNN22	22MM x 1.5	22MM x 1.5	22MM x 1.5
QTEMNN24	24MM x 1.5	24MM x 1.5	24MM x 1.5
QTEMNN30	30MM x 1.5	30MM x 1.5	30MM x 1.5

Tee Piece

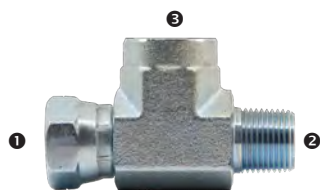
#### NPT Female x NPT Male x NPT Female - Run Tee



Part Number	① NPT F	② NPT M	③ NPT F
QTETSUTS04	1/4	1/4	1/4
QTETSUTS06	3/8	3/8	3/8
QTETSUTS08	1/2	1/2	1/2
QTETSUTS12	3/4	3/4	3/4
QTETSUTS16	1	1	1

Tee Piece

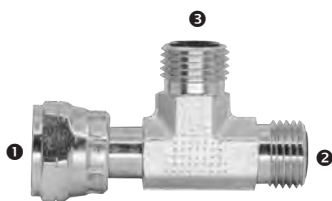
#### NPT Female Swivel x NPT Male x NPT Female - Run Tee



Part Number	① NPT F S/W	② NPT M	③ NPT F
QTETUTS06	3/8	3/8	3/8
QTETUTS12	3/4	3/4	3/4

Tee Piece

#### ORFS Female Swivel x ORFS Male x ORFS Male - Run Tee



Part Number	① ORFS F S/W	② ORFS M	③ ORFS M
QTEVWW09	9/16	9/16	9/16
QTEVWW11	11/16	11/16	11/16
QTEVWW13	13/16	13/16	13/16
QTEVWW16	1	1	1
QTEVWW19	1 3/16	1 3/16	1 3/16
QTEVWW23	1 7/16	1 7/16	1 7/16
QTEVWW27	1 11/16	1 11/16	1 11/16

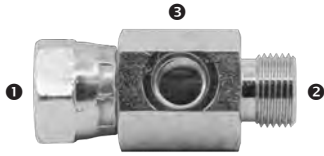


## Tee Piece

### Test Tees

Tee Piece

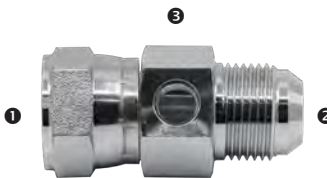
#### BSPP Female Swivel x BSPP Male x UNO Female (SAE O'Ring)



Part Number	1 BSPP F S/W	2 BSPP M	3 UNO F
QTEADPFS040407	1/4	1/4	7/16
QTEADPFS060607	3/8	3/8	7/16
QTEADPFS080807	1/2	1/2	7/16
QTEADPFS121207	3/4	3/4	7/16
QTEADPFS161607	1	1	7/16

Tee Piece

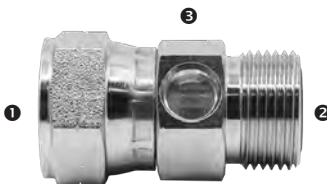
#### JIC Female Swivel x JIC Male x UNO Female



Part Number	1 JIC F S/W	2 JIC M	3 UNO F
QTEKLPFS07	7/16	7/16	7/16
QTEKLPFS090907	9/16	9/16	7/16
QTEKLPFS121207	3/4	3/4	7/16
QTEKLPFS141407	7/8	7/8	7/16
QTEKLPFS171707	1 1/16	1 1/16	7/16
QTEKLPFS212107	1 5/16	1 5/16	7/16
QTEKLPFS262607	1 5/8	1 5/8	7/16

Tee Piece

#### ORFS Female Swivel x ORFS Male x UNO Female



Part Number	1 ORFS F S/W	2 ORFS M	3 UNO F
QTEVWPFS090907	9/16	9/16	7/16
QTEVWPFS111107	11/16	11/16	7/16
QTEVWPFS131307	13/16	13/16	7/16
QTEVWPFS161607	1	1	7/16
QTEVWPFS191907	1 3/16	1 3/16	7/16
QTEVWPFS232307	1 7/16	1 7/16	7/16

## Tube Fittings Metric

### 90 Degree Elbow Male/Female Swivel

Tube Fittings Metric

#### Metric Tube Female Swivel x Metric Tube Male - 90°



Part Number	DIN	Tube OD	Thread Size
QTMA2-06L	L	6MM	12MM x 1.5
QTMA2-06S	S	6MM	14MM x 1.5
QTMA2-08L	L	8MM	14MM x 1.5
QTMA2-08S	S	8MM	16MM x 1.5
QTMA2-10L	L	10MM	16MM x 1.5
QTMA2-10S	S	10MM	18MM x 1.5
QTMA2-12L	L	12MM	18MM x 1.5
QTMA2-12S	S	12MM	20MM x 1.5
QTMA2-14S	S	14MM	22MM x 1.5
QTMA2-15L	L	15MM	22MM x 1.5
QTMA2-16S	S	16MM	24MM x 1.5
QTMA2-18L	L	18MM	26MM x 1.5
QTMA2-20S	S	20MM	30MM x 2
QTMA2-22L	L	22MM	30MM x 2
QTMA2-25S	S	25MM	36MM x 2
QTMA2-28L	L	28MM	36MM x 2
QTMA2-30S	S	30MM	42MM x 2
QTMA2-35L	L	35MM	45MM x 2
QTMA2-38S	S	38MM	52MM x 2
QTMA2-42L	L	42MM	52MM x 2

### 90 Degree Elbow Male/Male

Tube Fittings Metric

#### Metric Tube Male x BSPP Male - 90°



Part Number	DIN	Tube OD	Metric Thread Size	BSPP M
QTMA1D-06S04	S	6MM	12MM x 1.5	1/4
QTMA1D-08L04	L	8MM	14MM x 1.5	1/4
QTMA1D-08S04	S	8MM	16MM x 1.5	1/4
QTMA1D-10L04	L	10MM	16MM x 1.5	1/4
QTMA1D-10L06	L	10MM	16MM x 1.5	3/8
QTMA1D-10S06	S	10MM	18MM x 1.5	3/8
QTMA1D-12L06	L	12MM	18MM x 1.5	3/8
QTMA1D-12S06	S	12MM	20MM x 1.5	3/8
QTMA1D-14S08	S	14MM	22MM x 1.5	1/2
QTMA1D-15L08	L	15MM	22MM x 1.5	1/2

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## Tube Fittings Metric

### 90 Degree Elbow Male/Male

Tube Fittings Metric

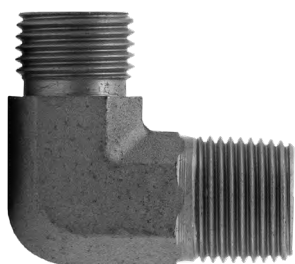
#### Metric Tube Male x BSPP Male - 90° *Continued...*



Part Number	DIN	Tube OD	Metric Thread Size	BSPP M
QTMA1D-16S08	S	16MM	24MM x 1.5	1/2
QTMA1D-18L08	L	18MM	26MM x 1.5	1/2
QTMA1D-20S12	S	20MM	30MM x 2	3/4
QTMA1D-22L12	L	22MM	30MM x 2	3/4
QTMA1D-25S16	S	25MM	36MM x 2	1
QTMA1D-28L16	L	28MM	36MM x 2	1
QTMA1D-30S20	S	30MM	42MM x 2	1 1/4
QTMA1D-35L20	L	35MM	45MM x 2	1 1/4
QTMA1D-38S24	S	38MM	52MM x 2	1 1/2
QTMA1D-42L24	L	42MM	52MM x 2	1 1/2

Tube Fittings Metric

#### Metric Tube Male x BSPT Male - 90°



Part Number	DIN	Tube OD	Metric Thread Size	BSPT M
QTMA1E-06LL02	LL	6MM	10MM x 1.5	1/8
QTMA1E-06L02	L	6MM	12MM x 1.5	1/8
QTMA1E-06L04	L	6MM	12MM x 1.5	1/4
QTMA1E-06S04	S	6MM	14MM x 1.5	1/4
QTMA1E-06S06	S	6MM	14MM x 1.5	3/8
QTMA1E-08L02	L	8MM	14MM x 1.5	1/8
QTMA1E-08L04	L	8MM	14MM x 1.5	1/4
QTMA1E-08L06	L	8MM	14MM x 1.5	3/8
QTMA1E-08S04	S	8MM	16MM x 1.5	1/4
QTMA1E-08S06	S	8MM	16MM x 1.5	3/8
QTMA1E-10L04	L	10MM	16MM x 1.5	1/4
QTMA1E-10L06	L	10MM	16MM x 1.5	3/8
QTMA1E-10S04	S	10MM	18MM x 1.5	1/4
QTMA1E-10S06	S	10MM	18MM x 1.5	3/8
QTMA1E-10S08	S	10MM	18MM x 1.5	1/2
QTMA1E-12L04	L	12MM	18MM x 1.5	1/4
QTMA1E-12L06	L	12MM	18MM x 1.5	3/8
QTMA1E-12L08	L	12MM	18MM x 1.5	1/2
QTMA1E-12S06	S	12MM	20MM x 1.5	3/8
QTMA1E-12S08	S	12MM	20MM x 1.5	1/2
QTMA1E-14S08	S	14MM	22MM x 1.5	1/2
QTMA1E-15L08	L	15MM	22MM x 1.5	1/2
QTMA1E-16S08	S	16MM	24MM x 1.5	1/2
QTMA1E-18L08	L	18MM	26MM x 1.5	1/2

ADAPTORS  
Tube Fittings Metric

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## Tube Fittings Metric

### 90 Degree Elbow Male/Male

Tube Fittings Metric

#### Metric Tube Male x Metric Tube Male - 90°



Part Number	DIN	Tube OD	Metric Thread Size
QTMA1-06L	L	6MM	12MM x 1.5
QTMA1-06S	S	6MM	14MM x 1.5
QTMA1-08L	L	8MM	14MM x 1.5
QTMA1-08S	S	8MM	16MM x 1.5
QTMA1-10L	L	10MM	16MM x 1.5
QTMA1-10S	S	10MM	18MM x 1.5
QTMA1-12L	L	12MM	18MM x 1.5
QTMA1-12S	S	12MM	20MM x 1.5
QTMA1-14S	S	14MM	22MM x 1.5
QTMA1-15L	L	15MM	22MM x 1.5
QTMA1-16S	S	16MM	24MM x 1.5
QTMA1-18L	L	18MM	26MM x 1.5
QTMA1-20S	S	20MM	26MM x 1.5
QTMA1-22L	L	22MM	30MM x 2
QTMA1-25S	S	25MM	36MM x 2
QTMA1-28L	L	28MM	36MM x 2
QTMA1-30S	S	30MM	42MM x 2
QTMA1-35L	L	35MM	45MM x 2
QTMA1-38S	S	38MM	52MM x 2
QTMA1-42L	L	42MM	52MM x 2

Tube Fittings Metric

#### Metric Tube Male x UNO (SAE O'Ring) Male - 90°



Part Number	DIN	Tube OD	Metric Thread Size	UNO M
QTMA1P-06L07	L	6MM	12MM x 1.5	7/16
QTMA1P-06S07	S	6MM	14MM x 1.5	7/16
QTMA1P-08L09	L	8MM	14MM x 1.5	9/16
QTMA1P-08S09	S	8MM	16MM x 1.5	9/16
QTMA1P-10L09	L	10MM	16MM x 1.5	9/16
QTMA1P-10S09	S	10MM	18MM x 1.5	9/16
QTMA1P-10S12	S	10MM	18MM x 1.5	3/4
QTMA1P-12L12	L	12MM	18MM x 1.5	3/4
QTMA1P-12L17	L	12MM	18MM x 1.5	1 1/16
QTMA1P-12S12	S	12MM	20MM x 1.5	3/4
QTMA1P-14S14	S	14MM	22MM x 1.5	7/8

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## Tube Fittings Metric

### 90 Degree Elbow Male/Male

Tube Fittings Metric

#### Metric Tube Male x UNO (SAE O'Ring) Male - 90° *Continued..*



Part Number	DIN	Tube OD	Metric Size	UNO M
QTMA1P-15L12	L	15MM	22MM x 1.5	3/4
QTMA1P-15L14	L	15MM	22MM x 1.5	7/8
QTMA1P-16S14	S	16MM	24MM x 1.5	7/8
QTMA1P-18L17	L	18MM	26MM x 1.5	1 1/16
QTMA1P-20S17	S	20MM	30MM x 2	1 1/16
QTMA1P-22L17	L	22MM	30MM x 2	1 1/16
QTMA1P-25S21	S	25MM	36MM x 2	1 5/16
QTMA1P-28L17	L	28MM	36MM x 2	1 1/16
QTMA1P-28L21	L	28MM	36MM x 2	1 5/16
QTMA1P-30S26	S	30MM	42MM x 2	1 5/8
QTMA1P-35L26	L	35MM	45MM x 2	1 5/8
QTMA1P-38S30	S	38MM	52MM x 2	1 7/8
QTMA1P-42L30	L	42MM	52MM x 2	1 7/8

Tube Fittings Metric

#### Metric Tube Male x Metric Taper Male - 90°



Part Number	DIN	Tube OD	Metric Thread Size	Thread Size - Taper Male
QTMA1R-06LLM6	LL	6MM	10MM x 1	M6
QTMA1R-06LLM8	LL	6MM	10MM x 1	M8
QTMA1R-06LLM10	LL	6MM	10MM x 1	M10

**NOTE:** Nut & cutting ring incl.

### Blanking Plug

Tube Fittings Metric

#### Metric Tube Blanking Plug



Part Number	DIN	Tube OD	Thread Size
QTMA8-06L	L	6MM	12MM x 1.5
QTMA8-06S	S	6MM	14MM x 1.5
QTMA8-08L	L	8MM	14MM x 1.5
QTMA8-08S	S	8MM	16MM x 1.5
QTMA8-10L	L	10MM	16MM x 1.5
QTMA8-10S	S	10MM	18MM x 1.5
QTMA8-12L	L	12MM	18MM x 1.5
QTMA8-12S	S	12MM	20MM x 1.5
QTMA8-14S	S	14MM	22MM x 1.5

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## Tube Fittings Metric

### Blanking Plug

Tube Fittings Metric

#### Metric Tube Blanking Plug *Continued.*



Part Number	DIN	Tube OD	Thread Size
QTMA8-15L	L	15MM	22MM x 1.5
QTMA8-16S	S	16MM	24MM x 1.5
QTMA8-18L	L	18MM	26MM x 1.5
QTMA8-20S	S	20MM	30MM x 2
QTMA8-22L	L	22MM	30MM x 2
QTMA8-25S	S	25MM	36MM x 2
QTMA8-28L	L	28MM	36MM x 2
QTMA8-30S	S	30MM	42MM x 2
QTMA8-35L	L	35MM	45MM x 2
QTMA8-38S	S	38MM	52MM x 2
QTMA8-42L	L	42MM	52MM x 2

### Bulkhead

Tube Fittings Metric

#### Metric Tube Bulkhead



Part Number	DIN	Tube OD	Thread Size
QTMA15-06L	L	6MM	12MM x 1.5
QTMA15-06S	S	6MM	14MM x 1.5
QTMA15-08L	L	8MM	14MM x 1.5
QTMA15-08S	S	8MM	16MM x 1.5
QTMA15-10L	L	10MM	16MM x 1.5
QTMA15-10S	S	10MM	18MM x 1.5
QTMA15-12L	L	12MM	18MM x 1.5
QTMA15-12S	S	12MM	20MM x 1.5
QTMA15-14S	S	14MM	22MM x 1.5
QTMA15-15L	L	15MM	22MM x 1.5
QTMA15-16S	S	16MM	24MM x 1.5
QTMA15-18L	L	18MM	26MM x 1.5
QTMA15-20S	S	20MM	30MM x 2
QTMA15-22L	L	22MM	30MM x 2
QTMA15-25S	S	25MM	36MM x 2
QTMA15-28L	L	28MM	36MM x 2
QTMA15-30S	S	30MM	42MM x 2
QTMA15-35L	L	35MM	45MM x 2
QTMA15-38S	S	38MM	52MM x 2
QTMA15-42L	L	42MM	52MM x 2



## Tube Fittings Metric

### Blanking Cap

Tube Fittings Metric

#### Metric Tube Blanking Cap



QTMA6 comes complete with nut.

Part Number	DIN	Tube Size	Thread Size
QTMA6-06L	L	6MM	12MM x 1.5
QTMA6-06S	S	6MM	14MM x 1.5
QTMA6-08L	L	8MM	14MM x 1.5
QTMA6-08S	S	8MM	16MM x 1.5
QTMA6-10L	L	10MM	16MM x 1.5
QTMA6-10S	S	10MM	18MM x 1.5
QTMA6-12L	L	12MM	18MM x 1.5
QTMA6-12S	S	12MM	20MM x 1.5
QTMA6-14S	S	14MM	22MM x 1.5
QTMA6-15L	L	15MM	22MM x 1.5
QTMA6-16S	S	16MM	24MM x 1.5
QTMA6-18L	L	18MM	26MM x 1.5
QTMA6-20S	S	20MM	30MM x 2
QTMA6-22L	L	22MM	30MM x 2
QTMA6-25S	S	25MM	36MM x 2
QTMA6-28L	L	28MM	36MM x 2
QTMA6-30S	S	30MM	42MM x 2
QTMA6-35L	L	35MM	45MM x 2
QTMA6-38S	S	38MM	52MM x 2
QTMA6-42L	L	42MM	52MM x 2

### Cutting Ring

Tube Fittings Metric

#### Metric Cutting Ring



Part Number	DIN	Tube Size
QTMA11-06LL	LL	6MM
QTMA11-06LS	LS	6MM
QTMA11-08LS	LS	8MM
QTMA11-10LS	LS	10MM
QTMA11-12LS	LS	12MM
QTMA11-14S	S	14MM

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## Tube Fittings Metric

### Cutting Ring

Tube Fittings Metric

#### Metric Cutting Ring *Continued..*



Part Number	DIN	Tube Size
QTMA11-15L	L	15MM
QTMA11-16S	S	16MM
QTMA11-18L	L	18MM
QTMA11-20S	S	20MM
QTMA11-22L	L	22MM
QTMA11-25S	S	25MM
QTMA11-28L	L	28MM
QTMA11-30S	S	30MM
QTMA11-35L	L	35MM
QTMA11-38S	S	38MM
QTMA11-42L	L	42MM

Tube Fittings Metric

#### Metric Cutting Ring - Stainless Steel



Part Number	DIN	Tube Size
QTMA11-06LS-SS	LS	6MM
QTMA11-08LS-SS	LS	8MM
QTMA11-10LS-SS	LS	10MM
QTMA11-12LS-SS	LS	12MM
QTMA11-14S-SS	S	14MM
QTMA11-15L-SS	L	15MM
QTMA11-16S-SS	S	16MM
QTMA11-18L-SS	L	18MM
QTMA11-20S-SS	S	20MM
QTMA11-22L-SS	L	22MM
QTMA11-25S-SS	S	25MM
QTMA11-28L-SS	L	28MM
QTMA11-30S-SS	S	30MM
QTMA11-35L-SS	L	35MM
QTMA11-38S-SS	S	38MM
QTMA11-42L-SS	L	42MM

## Tube Fittings Metric

### Straight

Tube Fittings Metric

#### Metric Tube Male x BSPP Female Solid



Part Number	DIN	Tube OD	Metric Thread Size	BSPP F
QTMAAS-06L02	L	6MM	12MM x 1.5	1/8
QTMAAS-06L04	L	6MM	12MM x 1.5	1/4
QTMAAS-06S04	S	6MM	14MM x 1.5	1/4
QTMAAS-08L04	L	8MM	14MM x 1.5	1/4
QTMAAS-08L06	L	8MM	14MM x 1.5	3/8
QTMAAS-08L08	L	8MM	14MM x 1.5	1/2
QTMAAS-08S04	S	8MM	16MM x 1.5	1/4
QTMAAS-10L04	L	10MM	16MM x 1.5	1/4
QTMAAS-10L06	L	10MM	16MM x 1.5	3/8
QTMAAS-10L08	L	10MM	16MM x 1.5	1/2
QTMAAS-10S06	S	10MM	18MM x 1.5	3/8
QTMAAS-12L04	L	12MM	18MM x 1.5	1/4
QTMAAS-12L06	L	12MM	18MM x 1.5	3/8
QTMAAS-12L08	L	12MM	18MM x 1.5	1/2
QTMAAS-12S06	S	12MM	20MM x 1.5	3/8
QTMAAS-12S08	S	12MM	20MM x 1.5	1/2
QTMAAS-14S08	S	14MM	22MM x 1.5	1/2
QTMAAS-15L06	L	15MM	22MM x 1.5	3/8
QTMAAS-15L08	L	15MM	22MM x 1.5	1/2
QTMAAS-16S08	S	16MM	24MM x 1.5	1/2
QTMAAS-18L08	L	18MM	26MM x 1.5	1/2
QTMAAS-20S12	S	20MM	30MM x 2	3/4
QTMAAS-22L12	L	22MM	30MM x 2	3/4
QTMAAS-25S16	S	25MM	36MM x 2	1
QTMAAS-28L16	L	28MM	36MM x 2	1
QTMAAS-30S20	S	30MM	42MM x 2	1 1/4
QTMAAS-35L20	L	35MM	45MM x 2	1 1/4
QTMAAS-38S24	S	38MM	52MM x 2	1 1/2
QTMAAS-42L24	L	42MM	52MM x 2	1 1/2

## Tube Fittings Metric

### Straight

Tube Fittings Metric

#### Metric Tube Female Swivel x BSPP Port Male



Part Number	DIN	Tube OD	Metric Thread Size	BSPP M
QTMA16D-06L02	L	6MM	12MM x 1.5	1/8
QTMA16D-06S04	S	6MM	14MM x 1.5	1/4
QTMA16D-08L04	L	8MM	14MM x 1.5	1/4
QTMA16D-08S04	S	8MM	16MM x 1.5	1/4
QTMA16D-10L04	L	10MM	16MM x 1.5	1/4
QTMA16D-10L06	L	10MM	16MM x 1.5	3/8
QTMA16D-10S04	S	10MM	18MM x 1.5	1/4
QTMA16D-10S06	S	10MM	18MM x 1.5	3/8
QTMA16D-12L04	L	12MM	18MM x 1.5	1/4
QTMA16D-12L06	L	12MM	18MM x 1.5	3/8
QTMA16D-12L08	L	12MM	18MM x 1.5	1/2
QTMA16D-12S04	S	12MM	20MM x 1.5	1/4
QTMA16D-12S06	S	12MM	20MM x 1.5	3/8
QTMA16D-12S08	S	12MM	20MM x 1.5	1/2
QTMA16D-14S08	S	14MM	22MM x 1.5	1/2
QTMA16D-15L08	L	15MM	22MM x 1.5	1/2
QTMA16D-16S08	S	16MM	24MM x 1.5	1/2
QTMA16D-18L08	L	18MM	26MM x 1.5	1/2
QTMA16D-18L12	L	18MM	26MM x 1.5	3/4
QTMA16D-20S12	S	20MM	30MM x 2	3/4
QTMA16D-22L12	L	22MM	30MM x 2	3/4
QTMA16D-25S16	S	25MM	36MM x 2	1
QTMA16D-28L16	L	28MM	36MM x 2	1
QTMA16D-30S20	S	30MM	42MM x 2	1 1/4
QTMA16D-35L20	L	35MM	45MM x 2	1 1/4
QTMA16D-38S24	S	38MM	52MM x 2	1 1/2
QTMA16D-42L24	L	42MM	52MM x 2	1 1/2

## Tube Fittings Metric

### Straight

Tube Fittings Metric

#### Metric Tube Female Swivel x Metric Tube Male



Part Number	DIN	Tube OD	Thread Size
QTMA17-12L	L	12MM	18MM x 1.5

Tube Fittings Metric

#### Metric Tube Male Joiner




Part Number	DIN	Tube OD	Thread Size
QTMA-06LL	LL	6MM	10MM x 1
QTMA-06L	L	6MM	12MM x 1.5
QTMA-06S	S	6MM	14MM x 1.5
QTMA-08L	L	8MM	14MM x 1.5
QTMA-08S	S	8MM	16MM x 1.5
QTMA-10L	L	10MM	16MM x 1.5
QTMA-10S	S	10MM	18MM x 1.5
QTMA-12L	L	12MM	18MM x 1.5
QTMA-12S	S	12MM	20MM x 1.5
QTMA-14S	S	14MM	22MM x 1.5
QTMA-15L	L	15MM	22MM x 1.5
QTMA-16S	S	16MM	24MM x 1.5
QTMA-18L	L	18MM	26MM x 1.5
QTMA-20S	S	20MM	30MM x 2
QTMA-22L	L	22MM	30MM x 2
QTMA-25S	S	25MM	36MM x 2
QTMA-28L	L	28MM	36MM x 2
QTMA-30S	S	30MM	42MM x 2
QTMA-35L	L	35MM	42MM x 2
QTMA-38S	S	38MM	52MM x 2
QTMA-42L	L	42MM	52MM x 2



## Tube Fittings Metric

### Straight

Tube Fittings Metric	Metric Tube Male x BSPP Male				
	Part Number	DIN	Tube OD	Metric Thread Size	Thread Size BSPP M
 <p>Including ED seal.</p>	QTMAD-06L02	L	6MM	12MM x 1.5	1/8
	QTMAD-06L04	L	6MM	12MM x 1.5	1/4
	QTMAD-06S04	S	6MM	14MM x 1.5	1/4
	QTMAD-08L02	L	8MM	14MM x 1.5	1/8
	QTMAD-08L04	L	8MM	14MM x 1.5	1/4
	QTMAD-08L06	L	8MM	14MM x 1.5	3/8
	QTMAD-08S04	S	8MM	16MM x 1.5	1/4
	QTMAD-08S06	S	8MM	16MM x 1.5	3/8
	QTMAD-10L04	L	10MM	16MM x 1.5	1/4
	QTMAD-10L06	L	10MM	16MM x 1.5	3/8
	QTMAD-10L08	L	10MM	16MM x 1.5	1/2
	QTMAD-10S04	S	10MM	18MM x 1.5	1/4
	QTMAD-10S06	S	10MM	18MM x 1.5	3/8
	QTMAD-10S08	S	10MM	18MM x 1.5	1/2
	QTMAD-12L04	L	12MM	18MM x 1.5	1/4
	QTMAD-12L06	L	12MM	18MM x 1.5	3/8
	QTMAD-12L08	L	12MM	18MM x 1.5	1/2
	QTMAD-12L12	L	12MM	18MM x 1.5	3/4
	QTMAD-12S04	S	12MM	20MM x 1.5	1/4
	QTMAD-12S06	S	12MM	20MM x 1.5	3/8
	QTMAD-12S08	S	12MM	20MM x 1.5	1/2
	QTMAD-14S08	S	14MM	22MM x 1.5	1/2
	QTMAD-15L06	L	15MM	22MM x 1.5	3/8
	QTMAD-15L08	L	15MM	22MM x 1.5	1/2
	QTMAD-16S06	S	16MM	24MM x 1.5	3/8
	QTMAD-16S08	S	16MM	24MM x 1.5	1/2
	QTMAD-16S12	S	16MM	24MM x 1.5	3/4
	QTMAD-18L08	L	18MM	26MM x 1.5	1/2
	QTMAD-18L12	L	18MM	26MM x 1.5	3/4
	QTMAD-20S08	S	20MM	30MM x 2	1/2
QTMAD-20S12	S	20MM	30MM x 2	3/4	
QTMAD-22L12	L	22MM	30MM x 2	3/4	
QTMAD-25S08	S	25MM	36MM x 2	1/2	

Continued on following page..



## Tube Fittings Metric

### Straight

Tube Fittings Metric

#### Metric Tube Male x BSPP Male *Continued.*



Including ED seal.

Part Number	DIN	Tube OD	Metric Thread Size	BSPP M
QTMAD-25S12	S	25MM	36MM x 2	3/4
QTMAD-25S16	S	25MM	36MM x 2	1
QTMAD-28L16	L	28MM	36MM x 2	1
QTMAD-30S20	S	30MM	42MM x 2	1 1/4
QTMAD-35L20	L	35MM	45MM x 2	1 1/4
QTMAD-38S24	S	38MM	52MM x 2	1 1/2
QTMAD-42L24	L	42MM	52MM x 2	1 1/2

Tube Fittings Metric

#### Metric Tube Male x BSPT Male



Part Number	DIN	Tube OD	Metric Thread Size	BSPT M
QTMAE-06LL02	LL	6MM	10MM x 1	1/8
QTMAE-06L02	L	6MM	12MM x 1.5	1/8
QTMAE-06L04	L	6MM	12MM x 1.5	1/4
QTMAE-08L02	L	8MM	14MM x 1.5	1/8
QTMAE-08L04	L	8MM	14MM x 1.5	1/4
QTMAE-10L04	L	10MM	16MM x 1.5	1/4
QTMAE-12L04	L	12MM	18MM x 1.5	1/4
QTMAE-12L06	L	12MM	18MM x 1.5	3/8
QTMAE-12L08	L	12MM	18MM x 1.5	1/2
QTMAE-15L06	L	15MM	22MM x 1.5	3/8
QTMAE-15L08	L	15MM	22MM x 1.5	1/2
QTMAE-18L08	L	18MM	26MM x 1.5	1/2
QTMAE-22L12	L	22MM	30MM x 2	3/4
QTMAE-28L16	L	28MM	36MM x 2	1
QTMAE-35L20	L	35MM	45MM x 2	1 1/4
QTMAE-42L24	L	42MM	52MM x 2	1 1/2

## Tube Fittings Metric

### Straight

Tube Fittings Metric	Metric Tube Male x JIC Male				
	Part Number	DIN	Tube OD	Metric Thread Size	Thread Size JIC M
	QTMAL-06L07	L	6MM	12MM x 1.5	7/16
	QTMAL-06L09	L	6MM	12MM x 1.5	9/16
	QTMAL-06S07	S	6MM	14MM x 1.5	7/16
	QTMAL-06S09	S	6MM	14MM x 1.5	9/16
	QTMAL-08L09	L	8MM	14MM x 1.5	9/16
	QTMAL-08S09	S	8MM	16MM x 1.5	9/16
	QTMAL-10L09	L	10MM	16MM x 1.5	9/16
	QTMAL-10L12	L	10MM	16MM x 1.5	3/4
	QTMAL-10S09	S	10MM	18MM x 1.5	9/16
	QTMAL-10S12	S	10MM	18MM x 1.5	3/4
	QTMAL-12L12	L	12MM	18MM x 1.5	3/4
	QTMAL-12S12	S	12MM	20MM x 1.5	3/4
	QTMAL-14S14	S	14MM	22MM x 1.5	7/8
	QTMAL-15L14	L	15MM	22MM x 1.5	7/8
	QTMAL-15L17	L	15MM	22MM x 1.5	1 1/16
	QTMAL-16S14	S	16MM	24MM x 1.5	7/8
	QTMAL-16S17	S	16MM	24MM x 1.5	1 1/16
	QTMAL-18L12	L	18MM	26MM x 1.5	3/4
	QTMAL-18L17	L	18MM	26MM x 1.5	1 1/16
	QTMAL-20S17	S	20MM	30MM x 2	1 1/16
	QTMAL-22L17	L	22MM	30MM x 2	1 1/16
	QTMAL-22L21	L	22MM	30MM x 2	1 5/16
	QTMAL-25S21	S	25MM	36MM x 2	1 5/16
	QTMAL-28L21	L	28MM	36MM x 2	1 5/16
	QTMAL-30S21	S	30MM	42MM x 2	1 5/16
	QTMAL-30S26	S	30MM	42MM x 2	1 5/8
	QTMAL-35L21	L	35MM	45MM x 2	1 5/16
	QTMAL-35L26	L	35MM	45MM x 2	1 5/8
	QTMAL-38S26	S	38MM	52MM x 2	1 5/8

## Tube Fittings Metric

### Straight

Tube Fittings Metric



#### Metric Tube Male x NPT Male

Part Number	DIN	Tube OD	Metric Thread Size	Thread Size NPT M
QTMAU-10L02	L	10MM	16MM x 1.5	1/8
QTMAU-18L12	L	18MM	26MM x 1.5	3/4

Tube Fittings Metric



#### Metric Tube Male x UNO Male (SAE O'Ring)

Part Number	DIN	Tube OD	Metric Thread Size	UNO M
QTMAP-08L07	L	8MM	14MM x 1.5	7/16
QTMAP-08S07	S	8MM	16MM x 1.5	7/16
QTMAP-10L07	L	10MM	16MM x 1.5	7/16
QTMAP-10L09	L	10MM	16MM x 1.5	9/16
QTMAP-10S09	S	10MM	18MM x 1.5	9/16
QTMAP-12L09	L	12MM	18MM x 1.5	9/16
QTMAP-12L12	L	12MM	18MM x 1.5	3/4
QTMAP-12L14	L	12MM	18MM x 1.5	7/8
QTMAP-12S09	S	12MM	20MM x 1.5	9/16
QTMAP-12S12	S	12MM	20MM x 1.5	3/4
QTMAP-15L12	L	15MM	22MM x 1.5	3/4
QTMAP-15L14	L	15MM	22MM x 1.5	7/8
QTMAP-16S12	S	16MM	24MM x 1.5	3/4
QTMAP-16S14	S	16MM	24MM x 1.5	7/8
QTMAP-18L12	L	18MM	26MM x 1.5	3/4
QTMAP-18L14	L	18MM	26MM x 1.5	7/8
QTMAP-20S12	S	20MM	30MM x 2	3/4
QTMAP-20S14	S	20MM	30MM x 2	7/8
QTMAP-20S17	S	20MM	30MM x 2	1 1/16
QTMAP-22L14	L	22MM	30MM x 2	7/8
QTMAP-22L17	L	22MM	30MM x 2	1 1/16
QTMAP-22L21	L	22MM	30MM x 2	1 5/16
QTMAP-25S17	S	25MM	36MM x 2	1 1/16
QTMAP-25S21	S	25MM	36MM x 2	1 5/16
QTMAP-28L17	L	28MM	36MM x 2	1 1/16
QTMAP-28L21	L	28MM	36MM x 2	1 5/16

Continued on following page..



## Tube Fittings Metric

### Straight

Tube Fittings Metric

#### Metric Tube Male x UNO Male (SAE O'Ring) *Continued..*



Part Number	DIN	Tube OD	Metric Thread Size	UNO M
QTMAP-30S21	S	30MM	42MM x 2	1 5/16
QTMAP-30S26	S	30MM	42MM x 2	1 5/8
QTMAP-35L21	L	35MM	45MM x 2	1 5/16
QTMAP-35L26	L	35MM	45MM x 2	1 5/8
QTMAP-38S26	S	38MM	52MM x 2	1 5/8
QTMAP-42L26	L	42MM	52MM x 2	1 5/8

Tube Fittings Metric

#### Metric Tube Male x Metric Taper Male



Part Number	DIN	Tube OD	Metric Thread Size	Metric Taper Thread Size
QTMAR-06LLM6	LL	6MM	10MM x 1	M6
QTMAR-6LLM8	LL	6MM	10MM x 1	M8
QTMAR-6LLM10	LL	6MM	10MM x 1	M10

### Tee

Tube Fittings Metric

#### Metric Tube Female Swivel x Metric Tube Male Run Tee



Part Number	DIN	Tube OD	Thread Size
QTMA3-06L	L	6MM	12MM x 1.5
QTMA3-06S	S	6MM	14MM x 1.5
QTMA3-08L	L	8MM	14MM x 1.5
QTMA3-08S	S	8MM	16MM x 1.5
QTMA3-10L	L	10MM	16MM x 1.5
QTMA3-10S	S	10MM	18MM x 1.5
QTMA3-12L	L	12MM	18MM x 1.5
QTMA3-12S	S	12MM	20MM x 1.5
QTMA3-14S	S	14MM	22MM x 1.5
QTMA3-15L	L	15MM	22MM x 1.5
QTMA3-16S	S	16MM	24MM x 1.5
QTMA3-18L	L	18MM	26MM x 1.5
QTMA3-20S	S	20MM	30MM x 2
QTMA3-22L	L	22MM	30MM x 2
QTMA3-25S	S	25MM	36MM x 2
QTMA3-28L	L	28MM	36MM x 2
QTMA3-30S	S	30MM	42MM x 2

*Continued on following page..*



## Tube Fittings Metric

### Tee

Tube Fittings Metric

#### Metric Tube Female Swivel x Metric Tube Male Run Tee *Continued..*



Part Number	DIN	Tube OD	Thread Size
QTMA3-35L	L	35MM	45MM x 2
QTMA3-38S	S	38MM	52MM x 2
QTMA3-42L	L	42MM	52MM x 2

Tube Fittings Metric


#### Metric Tube Male x Metric Tube F Swivel - Branch Tee




Part Number	DIN	Tube OD	Thread Size
QTMA4-06L	L	6MM	12MM x 1.5
QTMA4-06S	S	6MM	14MM x 1.5
QTMA4-08L	L	8MM	14MM x 1.5
QTMA4-08S	S	8MM	16MM x 1.5
QTMA4-10L	L	10MM	16MM x 1.5
QTMA4-10S	S	10MM	18MM x 1.5
QTMA4-12L	L	12MM	18MM x 1.5
QTMA4-12S	S	12MM	20MM x 1.5
QTMA4-14S	S	14MM	22MM x 1.5
QTMA4-15L	L	15MM	22MM x 1.5
QTMA4-16S	S	16MM	24MM x 1.5
QTMA4-18L	L	18MM	26MM x 1.5
QTMA4-20S	S	20MM	30MM x 2
QTMA4-22L	L	22MM	30MM x 2
QTMA4-25S	S	25MM	36MM x 2
QTMA4-28L	L	28MM	36MM x 2
QTMA4-30S	S	30MM	42MM x 2
QTMA4-35L	L	35MM	45MM x 2
QTMA4-38S	S	38MM	52MM x 2
QTMA4-42L	L	42MM	52MM x 2

## Tube Fittings Metric

### Tee

Tube Fittings Metric	Metric Tube Male x Metric Tube Male Tee			
	Part Number	DIN	Tube OD	Thread Size
	QTMA12-06L	L	6MM	12MM x 1.5
	QTMA12-06S	S	6MM	14MM x 1.5
	QTMA12-08L	L	8MM	14MM x 1.5
	QTMA12-08S	S	8MM	16MM x 1.5
	QTMA12-10L	L	10MM	16MM x 1.5
	QTMA12-10S	S	10MM	18MM x 1.5
	QTMA12-12L	L	12MM	18MM x 1.5
	QTMA12-12S	S	12MM	20MM x 1.5
	QTMA12-14S	S	14MM	22MM x 1.5
	QTMA12-15L	L	15MM	22MM x 1.5
	QTMA12-16S	S	16MM	24MM x 1.5
	QTMA12-18L	L	18MM	26MM x 1.5
	QTMA12-20S	S	20MM	30MM x 2
	QTMA12-22L	L	22MM	30MM x 2
	QTMA12-25S	S	25MM	36MM x 2
	QTMA12-28L	L	28MM	36MM x 2
	QTMA12-30S	S	30MM	30MM x 2
	QTMA12-35L	L	35MM	45MM x 2
	QTMA12-38S	S	38MM	52MM x 2
	QTMA12-42L	L	42MM	52MM x 2

### Tube Nut

Tube Fittings Metric	Metric Tube Nut			
	Part Number	DIN	Tube Size	Thread Size
	QTMA7-06LL	LL	6MM	10MM x 1
	QTMA7-06L	L	6MM	12MM x 1.5
	QTMA7-06S	S	6MM	14MM x 1.5
	QTMA7-08L	L	8MM	14MM x 1.5
	QTMA7-08S	S	8MM	16MM x 1.5
	QTMA7-10L	L	10MM	16MM x 1.5
	QTMA7-10S	S	10MM	18MM x 1.5
	QTMA7-12L	L	12MM	18MM x 1.5
	QTMA7-12S	S	12MM	20MM x 1.5
	QTMA7-14S	S	14MM	22MM x 1.5

Continued on following page..



## Tube Fittings Metric

### Tube Nut

Tube Fittings Metric

#### Metric Tube Nut *Continued.*



Part Number	DIN	Tube Size	Thread Size
QTMA7-15L	L	15MM	22MM x 1.5
QTMA7-16S	S	16MM	24MM x 1.5
QTMA7-18L	L	18MM	26MM x 1.5
QTMA7-20S	S	20MM	30MM x 2
QTMA7-22L	L	22MM	30MM x 2
QTMA7-25S	S	25MM	36MM x 2
QTMA7-28L	L	28MM	36MM x 2
QTMA7-30S	S	28MM	42MM x 2
QTMA7-35L	L	35MM	45MM x 2
QTMA7-38S	S	38MM	52MM x 2
QTMA7-42L	L	42MM	52MM x 2

## Tube Fittings Imperial

### Straight

Tube Fittings Imperial

#### Imperial Tube Compression x JIC



Part Number	Tube OD	JIC Male
QTIAL0609	3/8	9/16
QTIAL0812	1/2	3/4

Tube Fittings Imperial

#### Imperial Tube Compression Joiner



Part Number	Tube Size	Tube Size
QTIA-06	3/8	3/8
QTIA-08	1/2	1/2

### Cutting Ring

Tube Fittings Imperial

#### Imperial Tube Cutting Ring



Part Number	Tube Size
QTIA11-06	3/8



## Tube Fittings Imperial

### Flare Nuts & Sleeves

#### Tube Fittings Imperial



#### JIC Tube Nut

Part Number	JIC Nut	Tube OD
QTIA9K07	7/16	1/4
QTIA9K09	9/16	3/8
QTIA9K12	3/4	1/2
QTIA9K14	7/8	5/8
QTIA9K17	1 1/16	3/4
QTIA9K21	1 5/16	1
QTIA9K26	1 5/8	1 1/4
QTIA9K30	1 7/8	1 1/2

#### Tube Fittings Imperial



#### JIC Tube Sleeve

Part Number	JIC Nut	Tube OD
QTIA10K07	7/16	1/4
QTIA10K09	9/16	3/8
QTIA10K12	3/4	1/2
QTIA10K14	7/8	5/8
QTIA10K17	1 1/16	3/4
QTIA10K21	1 5/16	1
QTIA10K26	1 5/8	1 1/4
QTIA10K30	1 7/8	1 1/2

#### Tube Fittings Imperial



#### JIC Tube Nut & Sleeve Stainless Steel

Part Number	JIC Nut	Tube OD
QTIA9/10K07SS	7/16	1/4
QTIA9/10K09SS	9/16	3/8
QTIA9/10K12SS	3/4	1/2
QTIA9/10K14SS	7/8	5/8
QTIA9/10K17SS	1 1/16	3/4
QTIA9/10K21SS	1 5/16	1

## Weld On

### Weld On Female

Weld On



#### BSPF Swivel Tube Weld

Part Number	Tube Size	Thread Size BSPF F S/W
QWFA04	1/4	1/4
QWFA06	3/8	3/8
QWFA08	1/2	1/2
QWFA0812	1/2	3/4
QWFA12	3/4	3/4
QWFA16	1	1
QWFA20	1 1/4	1 1/4
QWFA24	1 1/2	1 1/2

Weld On



#### JIC Female Swivel Tube Weld

Part Number	Tube Size	Thread Size JIC F S/W
QWFK0407	1/4	7/16
QWFK0607	3/8	7/16
QWFK0609	3/8	9/16
QWFK0612	3/8	3/4
QWFK0812	1/2	3/4
QWFK0814	1/2	7/8
QWFK1012	5/8	3/4
QWFK1014	5/8	7/8
QWFK1017	5/8	1 1/16
QWFK1214	3/4	7/8
QWFK1217	3/4	1 1/16
QWFK1617	1	1 1/16
QWFK1621	1	1 5/16
QWFK2021	1 1/4	1 5/16
QWFK2026	1 1/4	1 5/8
QWFK2426	1 1/2	1 5/8
QWFK2430	1 1/2	1 7/8

## Weld On

### Weld On Female

Weld On

#### UNO Female Port



Part Number	Outside Dia.	UNO F
QWFPFS2509	25MM	9/16
QWFPFS2712	27MM	3/4
QWFPFS2714	27MM	7/8
QWFPFS3317	33MM	1 1/16

### Weld On Male

Weld On

#### BSPT Male Weld-On



Part Number	Tube Size	Thread Size BSPT M
QWME04	1/4	1/4
QWME06	3/8	3/8
QWME08	1/2	1/2
QWME12	3/4	3/4
QWME16	1	1
QWME20	1 1/4	1 1/4
QWME24	1 1/2	1 1/2

Weld On

#### Code 61 Weld-On



Part Number	Tube Size	Flange Size Code 61
QWMF1212	3/4	3/4
QWMF1216	3/4	1
QWMF1612	1	3/4
QWMF1616	1	1
QWMF1620	1	1 1/4
QWMF2016	1 1/4	1
QWMF2020	1 1/4	1 1/4
QWMF2024	1 1/4	1 1/2
QWMF2424	1 1/2	1 1/2
QWMF2432	1 1/2	2
QWMF3232	2	2
QWMF3240	2	2 1/2
QWMF40	2 1/2	2 1/2



## Weld On

### Weld On Male

Weld On



### Code 62 Weld-On

Part Number	Tube Size	Flange Size Code 62
QWVG1212	3/4	3/4
QWVG1216	3/4	1
QWVG1612	1	3/4
QWVG1616	1	1
QWVG1620	1	1 1/4
QWVG2016	1 1/4	1
QWVG2020	1 1/4	1 1/4

Weld On



### JIC Male Weld-On

Part Number	Tube Size	JIC Male
QWML0407	1/4	7/16
QWML0609	3/8	9/16
QWML0612	3/8	3/4
QWML0809	1/2	9/16
QWML0812	1/2	3/4
QWML0814	1/2	7/8
QWML1012	5/8	3/4
QWML1014	5/8	7/8
QWML1214	3/4	7/8
QWML1217	3/4	1 1/16
QWML1617	1	1 1/16
QWML1621	1	1 5/16
QWML2021	1 1/4	1 5/16
QWML2026	1 1/4	1 5/8
QWML2426	1 1/2	1 5/8
QWML2430	1 1/2	1 7/8

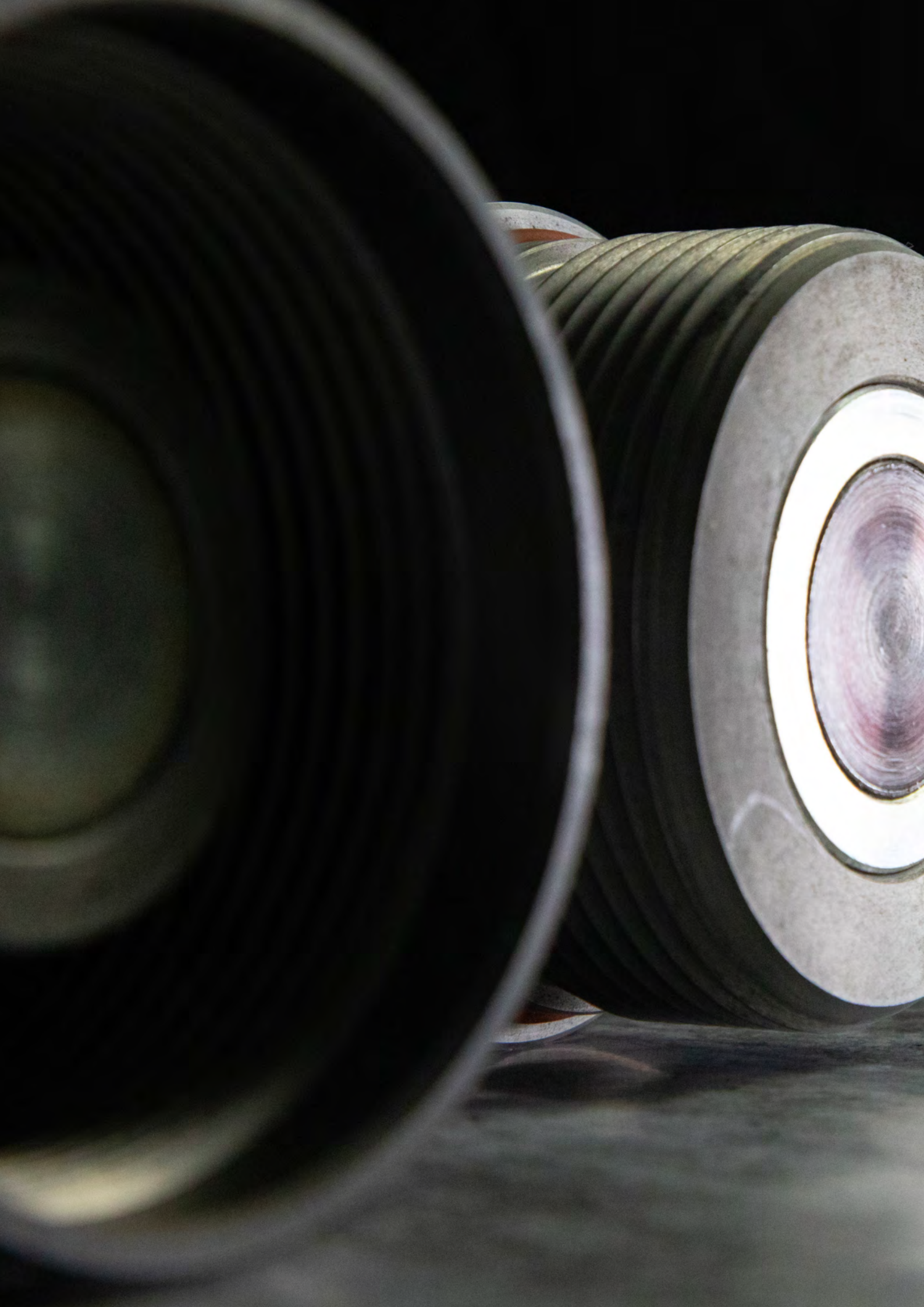
Weld On



### ORFS Male Weld-On

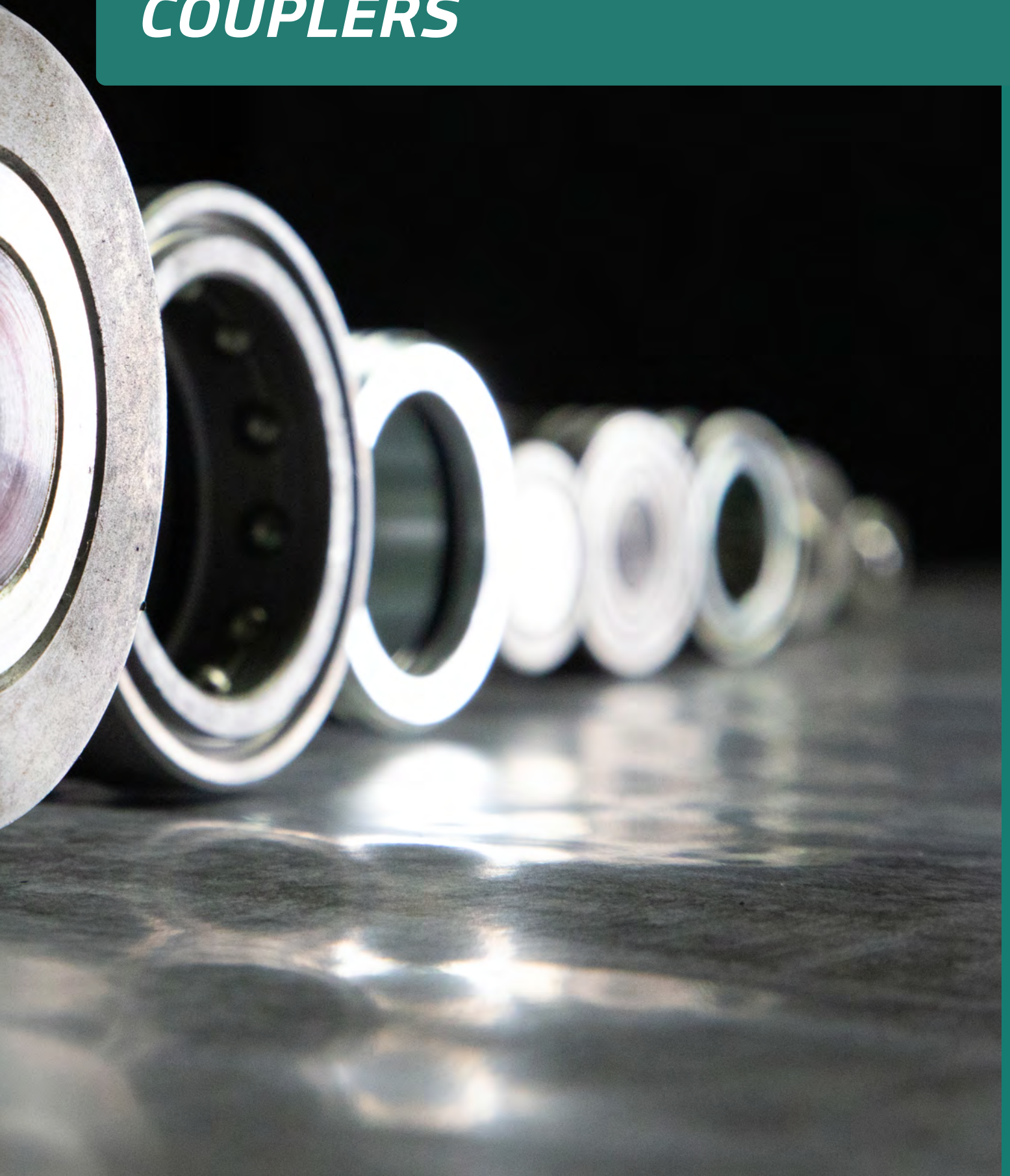
Part Number	Tube Size	JIC Male
QWVW0611	3/8	11/16







*SECTION 4*  
***COUPLERS***



# Couplers

## Poppet Couplers



ISO7241-1 A-Series

KQRP-F/M-A | Page 287



NV Faster Interchange

KQRP-F/M-NV | Page 287



ISO7241-1 A-Series  
Connect Under Pressure

KQRP-F/M-A/NV CUP  
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ISO7241-1 A Series Push  
Pull

KQRP-F-PP | Page 288

ISO7241-1 B-Series



KQRP-F/M-B | Page 289

ISO7241-1B B-Series  
(Carpet Cleaners)



KQRP-F/M-B-BRASS  
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## Agricultural Couplers

Ball Coupler



KQRB | Page 291

Ball Push Pull ISO7241-1  
A-Series



KQRB-F-PP  
Page 291

Tractor Rigid Mount  
Breakaway



KQRP-F-JD-PP-SW  
Page 291

## PBR Interchange

PBR Interchange  
Poppet Coupler



KQRP-F/M-PBR  
Page 292

## Nordic Interchange

Tema Interchange  
Poppet



KQRT-F/M | Page 292

Tema Interchange  
Connect Under Pressure



KQRT-F/M-E | Page 293

## Flat Face

ISO16028 A-Series  
High-Pressure



KQRF-F/M-UNO/BSP  
Page 294

ISO16028 A-Series High Pressure  
Connect Under Pressure



KQRF-M-UNO/CUP  
Page 295

ISO16028 A-Series  
High-Pressure Bulkhead



KQRF-F/M-ORFS BH/JIC BH |  
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## Screw Together



ISO14541 VD Poppet

KQRS-F/M-VD | Page 297

Faster VV Interchange



KQRS-F/M-VV | Page 298

## Screw Together Flat Face


















VEP Interchange

KQRS-F/M-FF-BSP  
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# Couplers

<p><b>Jacking</b></p>	<p>ISO14540 720 BAR</p>  <p><b>KQRJ-F/M-NPT</b> Page 301</p>	<p>700 BAR Flat Face</p>  <p><b>KQRJ-FF-F/M</b> Page 301</p>	<p><b>Coupler Accessories</b></p>	<p><b>Poppet Caps, Plugs &amp; Seal Kits</b></p>
<p>ISO7241-1 A-Series Caps &amp; Plugs</p>  <p><b>KQRC-C/P-A</b> Page 289</p>	<p>NV Faster Interchange Caps &amp; Plugs</p>  <p><b>KQRC-C/P-NV</b> Page 290</p>	<p>Seal Kit</p>  <p><b>KQRP-A/NV-SK</b> Page 290</p>	<p><b>PBR Caps, Plugs &amp; Seal Kits</b></p>	<p>Caps &amp; Plugs</p>  <p><b>KQRC-C/P/-PBR</b>   Page 292</p>
<p>Seal Kits</p>  <p><b>KQRP-SK-PBR</b>   Page 292</p>	<p><b>Nordic Interchange Caps, Plugs &amp; Seal Kits</b></p>	<p>Caps &amp; Plugs</p>  <p><b>KQRC-P/C-T</b>   Page 293</p>	<p>Seal Kit</p>  <p><b>KQRT-SEALKIT</b> Page 293</p>	<p><b>Flat Face Caps, Plugs &amp; Colour Rings</b></p>
<p>S016028 A-Series High-Pressure Caps &amp; Plugs</p>  <p><b>KQRC-C/P-FF</b> Page 296</p>	<p>Colour Coding Rings for Flat Face Couplers</p>  <p><b>COLOUR RINGS</b> Page 297</p>	<p><b>Screw Together Caps, Plugs &amp; Seal Kits</b></p>	<p>ISO14541 Caps &amp; Plugs</p>  <p><b>KQRC-C-VD</b>   Page 298</p>	<p>Faster Interchange VV Caps &amp; Plugs</p>  <p><b>KQRC-C-VV</b>   Page 299</p>
<p><b>Screw Together Flat Face Plugs &amp; Caps</b></p>	<p>Screw Together Flat Face Caps &amp; Plugs</p>  <p><b>KQRC-FF-S</b>   Page 300</p>	<p><b>Jacking Caps &amp; Plugs</b></p>	<p>ISO14541 700 BAR Caps &amp; Plugs</p>  <p><b>KQRC-C/P-J</b>   Page 301</p>	<p>MORE PRODUCTS COMING SOON</p>





# D.N.P.

*Did you know that Taipan is Australia's largest supplier of D.N.P. products?*

D.N.P. Industriale Srl, established in 1985, has been a prominent manufacturer of precision quick couplings for hydraulic systems. Renowned for their innovation, reliability, and exceptional products like push pull valves and special executions, D.N.P. has earned a leading position in the global quick coupling industry.

Taipan takes immense pride in offering D.N.P. products, as they are manufactured in-house in Italy with unwavering product monitoring, emphasising D.N.P.'s commitment to quality beyond the finished product. This unwavering dedication is why Taipan firmly believes in the superiority of D.N.P. products.



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Hydraulic Hose Systems

## Poppet Couplers

### Poppet Couplers

### ISO7241-1 A Series

Manufactured from zinc plated carbon steel. Hardened ball contact areas. Standard A-series seals are nitrile, back-up rings are PTFE. Viton seals are available on request.

Interchanges with DNP PAV1, Stucchi, Faster ANV, Hansen HA, Parker 6600, 2000 and Aeroquip 5600, G5600, Ryco R81/82(1/2,3/4&1), Safeway S56.



SS = Stainless Steel

Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-04F-A	250	1/4 BSPP	12	6.3	11.85
KQRP-04M-A	250	1/4 BSPP	12	6.3	11.85
KQRP-06F-A	250	3/8 BSPP	23	10.0	17.30
KQRP-06M-A	250	3/8 BSPP	23	10.0	17.30
KQRP-08F-A/NV	250	1/2 BSPP	45	12.5	20.55
KQRP-08F-A/NV-SS	300	1/2 BSPP	45	12.5	20.55
KQRP-08F-M22	250	M22 X 1.5	45	12.5	20.55
KQRP-08M-7/8UNO	250	7/8 UNO	45	12.5	20.55
KQRP-08M-A/NV	250	1/2 BSPP	45	12.5	20.55
KQRP-08M-A/NV-3/4UNO	250	3/4 UNO	45	12.5	20.55
KQRP-08M-A/NV-SS	300	1/2 BSPP	45	12.5	20.55
KQRP-08M-M22	250	M22 X 1.5	45	12.5	20.55
KQRP-12F-A	250	3/4 BSPP	106	20.0	29.10
KQRP-12M-A	250	3/4 BSPP	106	20.0	29.10
KQRP-16F-A	200	1 BSPP	189	25.0	34.35
KQRP-16M-A	200	1 BSPP	189	25.0	34.35
KQRP-20F-A	200	1 1/4 BSPP	288	31.5	45.00
KQRP-20M-A	200	1 1/4 BSPP	288	31.5	45.00
KQRP-24F-A	190	1 1/2BSPP	379	40.0	55.00
KQRP-24M-A	190	1 1/2BSPP	379	40.0	55.00

### Poppet Couplers

### NV Faster Interchange

Interchanges with DNP PDV1, Parker 4000 series & Faster NV series.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-04F-NV	400	1/4 BSPP	12	6.3	14.20
KQRP-04M-NV	400	1/4 BSPP	12	6.3	14.20
KQRP-06F-NV	350	3/8 BSPP	23	10.0	19.00
KQRP-06M-NV	350	3/8 BSPP	23	10.0	19.00
KQRP-08F-A/NV	250	1/2 BSPP	45	12.5	20.55
KQRP-08F-M22	250	M22 X 1.5	45	12.5	20.55

Continued on following page...

## Poppet Couplers

### Poppet Couplers

### NV Faster Interchange *Continued...*

Interchanges with DNP PDV1, Parker 4000 series & Faster NV series.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-08M-7/8UNO	250	7/8 UNO	45	12.5	20.55
KQRP-08M-A/NV	250	1/2 BSPP	45	12.5	20.55
KQRP-08M-A/NV-3/4UNO	250	3/4 UNO	45	12.5	20.55
KQRP-08M-M22	250	M22 X 1.5	45	12.5	20.55
KQRP-12F-NV	250	3/4 BSPP	106	20.0	28.00
KQRP-12M-NV	250	3/4 BSPP	106	20.0	28.00
KQRP-16F-NV	250	1 BSPP	189	25.0	31.30
KQRP-16M-NV	250	1 BSPP	189	25.0	31.30

### Poppet Couplers

### ISO7241-1 A-Series Connect Under Pressure

Interchanges with DNP PDV1, Parker 4000 series & Faster NV series.  
CUP = Connect under pressure (Residual Only).



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-08F-A/NV-CUP	250	1/2 BSPP	45	12.5	20.55
KQRP-08M-A/NV-CUP	250	1/2 BSPP	45	12.5	20.55

### Poppet Couplers

### ISO7241-1 A-Series Push Pull

Interchanges with DNP PDS1, PPV3, PPV1, Ryco R91 & R86, Stucchi 1RS/I.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-08F-A/NV-3/4UNO-PP	250	3/4 UNO	45	12.5	20.55
KQRP-08F-PP	250	1/2 BSPP	45	12.5	20.55
KQRP-08F-7/8UNO-PP	250	7/8 UNO	45	12.5	20.55



## Poppet Couplers

### Poppet Couplers

### ISO7241-1 B Series

Manufactured from zinc plated carbon steel. Hardened ball contact areas. Standard seals are nitrile, back-up rings are PTFE. Viton seals are available on request. Interchanges with DNP PBV1, Faster HNV, Hansen HK, Parker 60 series - H, Aeroquip 60B/F6600 and Safeway S10.



SS = Stainless Steel

Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-06F-B	250	3/8 BSPP	23	10.0	19.10
KQRP-06M-B	250	3/8 BSPP	23	10.0	19.10
KQRP-06F-B-SS	350	3/8 BSPP	23	10.0	19.10
KQRP-06M-B-SS	350	3/8 BSPP	23	10.0	19.10
KQRP-08F-B	250	1/2 BSPP	45	12.5	23.55
KQRP-08M-B	250	1/2 BSPP	45	12.5	23.55
KQRP-12F-B	250	3/4 BSPP	106	20.0	31.45
KQRP-12M-B	250	3/4 BSPP	106	20.0	31.45
KQRP-16F-B	200	1 BSPP	189	25.0	37.77
KQRP-16M-B	200	1 BSPP	189	25.0	37.77

### Poppet Couplers

### ISO7241-1 B Series (Carpet Cleaners)

Manufactured from brass. Standard seals are nitrile, back-up rings are PTFE. Viton seals are available on request. Interchanges with DNP PBV1, Faster HNV, Hansen HK, Parker 60 series - H, Aeroquip 60B/F6600 and Safeway S10.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-04F-B-BRASS	200	1/4 BSPP	12	6.3	14.20
KQRP-04M-B-BRASS	200	1/4 BSPP	12	6.3	14.20

## Poppet Caps, Plugs & Seal Kits

### Poppet Caps, Plugs & Seal Kits

### ISO7241-1 A-Series Caps & Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-04C-A	1/4	CAP	MALE	PVC
KQRC-04P-A	1/4	PLUG	FEMALE	PVC
KQRC-06C-A	3/8	CAP	MALE	PVC
KQRC-06P-A	3/8	PLUG	FEMALE	PVC
KQRC-08C-A/NV-BLACK	1/2	CAP	MALE	PVC
KQRC-08C-A/NV-BLUE	1/2	CAP	MALE	PVC
KQRC-08C-A/NV-GREEN	1/2	CAP	MALE	PVC

*Continued on following page...*



## Poppet Caps, Plugs & Seal Kits

### Poppet Caps, Plugs & Seal Kits

### ISO7241-1 A-Series Caps & Plugs *Continued...*



ADC

Part Number	Size	Type	Fits Gender	Material
KQRC-08C-A/NV-YELLOW	1/2	CAP	MALE	PVC
KQRC-08C-A/NV-RED	1/2	CAP	MALE	PVC
KQRC-08C-A/NV ADC	1/2	CAP	FEMALE	PVC
KQRC-08P-A/NV-BLACK	1/2	PLUG	FEMALE	PVC
KQRC-08P-A/NV-BLU	1/2	PLUG	FEMALE	PVC
KQRC-08P-A/NV-GREEN	1/2	PLUG	FEMALE	PVC
KQRC-08P-A/NV-YELLOW	1/2	PLUG	FEMALE	PVC
KQRC-08P-A/NV-RED	1/2	PLUG	FEMALE	PVC
KQRC-12C-A- RED	3/4	CAP	MALE	PVC
KQRC-12C-A-BLACK	3/4	CAP	MALE	PVC
KQRC-12C-A-GREY	3/4	CAP	MALE	PVC
KQRC-12P-A-RED	3/4	PLUG	FEMALE	PVC
KQRC-12P-A-BLACK	3/4	PLUG	FEMALE	PVC
KQRC-12P-A-GREY	3/4	PLUG	FEMALE	PVC
KQRC-16C-A	1	CAP	MALE	PVC
KQRC-16P-A	1	PLUG	FEMALE	PVC

### Poppet Caps, Plugs & Seal Kits

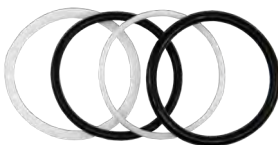
### NV Faster Interchange Caps & Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-04C-NV	1/4	CAP	MALE	PVC
KQRC-04P-NV	1/4	PLUG	FEMALE	PVC
KQRC-06C-NV	3/8	CAP	MALE	PVC
KQRC-06P-NV	3/8	PLUG	FEMALE	PVC
KQRC-12C-NV	3/4	CAP	MALE	PVC
KQRC-12P-NV	3/4	PLUG	FEMALE	PVC
KQRC-16C-NV	1	CAP	MALE	PVC
KQRC-16P-NV	1	PLUG	FEMALE	PVC

### Poppet Caps, Plugs & Seal Kits

### A/NV Series Seal Kits



Part Number	Size	Type	Fits Gender	Series
KQRP-08F-A/NV-SK	1/2	SEAL KIT	FEMALE	A/NV SERIES
KQRP-12F-A-SK	3/4	SEAL KIT	FEMALE	A SERIES
KQRP-16F-A-SK	1	SEAL KIT	FEMALE	A SERIES
KQRP-08F-A/NV-SK	1/2	SEAL KIT	FEMALE	A/NV SERIES
KQRP-12F-NV-SK	3/4	SEAL KIT	FEMALE	NV SERIES
KQRP-16F-NV-SK	1	SEAL KIT	FEMALE	NV SERIES



## Agricultural

Agricultural

### Ball Coupler

Manufactured from zinc plated carbon steel. Hardened ball contact areas. Standard seals are nitrile, back-up rings are PTFE. Viton seals are available on request.

Interchanges with DNP PDS1, Stucchi, IR (Ball) series, Parker 4000.

\* Fixed Ball (Poppet type with seal).



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRB-04F	300	1/4 BSPP	12	6.3	14.20
KQRB-04M	300	1/4 BSPP	12	6.3	14.20
KQRB-06F	250	3/8 BSPP	23	10	19.00
KQRB-06M	250	3/8 BSPP	23	10	19.00
KQRB-08F	200	1/2 BSPP	30	12.5	20.55
KQRB-08M	200	1/2 BSPP	30	12.5	20.55
KQRB-08M-GH*	200	1/2 BSPP	30	12.5	20.55
KQRB-12F	200	3/4 BSPP	60	19	27.93
KQRB-12M	200	3/4 BSPP	60	19	27.93

Agricultural

### Ball Push Pull ISO7241-1 Series-A

Manufactured from zinc plated carbon steel. Hardened ball contact areas. Standard seals are nitrile, back-up rings are PTFE. Viton seals are available on request.

Interchanges with DNP PDS1, Stucchi, IR (Ball) series, Parker 4000.

\* Fixed Ball (Poppet type with seal).



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRB-08F-PP	200	1/2 BSPP	30	12.5	20.55
KQRB-08F-PP-GH*	200	1/2 BSPP	30	12.5	20.55

Agricultural

### Tractor Rigid Mount Breakaway Coupler

Interchanges with Inteva 1077 series ISO 7421-A Faster 3CFPV, 4SRP, Parker RSD.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size
KQRP-08F-JD-PP-SW	275	1/2 BSPP	90	12.5

Can't find what you're looking for?

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## PBR Interchange

### PBR Interchange

### Poppet Coupler

Manufactured from zinc plated carbon steel. Hardened ball contact areas. Standard seals are nitrile, back-up rings are PTFE. Viton seals are available on request.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRP-16F-PBR	300	1 BSPP	200	25.0	38.00
KQRP-16M-PBR	300	1 BSPP	200	25.0	38.00

### PBR Interchange

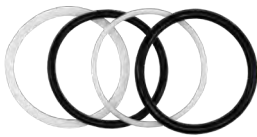
### PBR Caps & Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-16C-PBR	1	CAP	MALE	PVC
KQRC-16P-PBR	1	PLUG	FEMALE	PVC

### PBR Interchange

### PBR Seal Kits



Part Number	Size	Type	Fits Gender
KQRP-16SK-PBR	1	SEAL KIT	FEMALE

## Nordic Interchange

### Nordic Interchange

### Poppet

Manufactured from zinc plated carbon steel. Hardened ball contact areas. Double O’ring and backup for extra sealing capacity. Interchanges with Parker Tema T and H series, DNP PTVI, Stucchi IRC series and CEJN 525.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRT-04F	400	1/4 BSPP	12	6.3	11.95
KQRT-04M	400	1/4 BSPP	12	6.3	11.95
KQRT-06F	370	3/8 BSPP	45	10.0	20.00
KQRT-06M	370	3/8 BSPP	45	10.0	20.00
KQRT-08F	350	1/2 BSPP	90	12.5	24.80
KQRT-08M	350	1/2 BSPP	90	12.5	24.80
KQRT-12F	300	3/4 BSPP	212	19.0	32.70
KQRT-12M	300	3/4 BSPP	212	19.0	32.70
KQRT-16F	300	1 BSPP	380	25.0	40.90
KQRT-16M	300	1 BSPP	380	25.0	40.90



## Nordic Interchange

Nordic Interchange

### Connect Under Pressure

Interchanges with Parker Tema T series, DNP PTKI, Stucchi IRC-PC series and CEJN 525.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter ø
KQRT-08F-E	300	1/2 BSPP	90	12.5	24.8
KQRT-08M-E	300	1/2 BSPP	90	12.5	24.8
KQRT-12F-E	300	3/4 BSPP	212	19.0	32.70
KQRT-12M-E	300	3/4 BSPP	212	19.0	32.70
KQRT-16F-E	300	1 BSPP	380	25.0	40.90
KQRT-16M-E	300	1 BSPP	380	25.0	40.90

Nordic Interchange

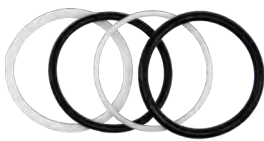
### Caps & Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-06P-B/TEMA	3/8	PLUG	FEMALE	PVC
KQRC-06C-B/TEMA	3/8	CAP	MALE	PVC
KQRC-08C-B/TEMA	1/2	CAP	MALE	PVC
KQRC-08P-B/TEMA	1/2	PLUG	FEMALE	PVC
KQRC-12C-T	3/4	CAP	MALE	PVC
KQRC-12P-T	3/4	PLUG	FEMALE	PVC
KQRC-16C-T	1	CAP	MALE	PVC
KQRC-16P-T	1	PLUG	FEMALE	PVC

Nordic Interchange

### Seal Kits



Part Number	Size	Type	Fits Gender
KQRT-08-SEALKIT	1/2	SEAL KIT	FEMALE
KQRT-12-SEALKIT	3/4	SEAL KIT	FEMALE
KQRT-16-SEALKIT	1	SEAL KIT	FEMALE



## Flat Face

Flat Face

### ISO16028 A-Series High-Pressure

Flat interface allows easy cleaning. Low spill, low air inclusion. Safety locking sleeve. 12-20 locking balls for optimum life. 3/8 sizes meets HTMA interchange dimensions. Interchanges with DNP PLT4, Stucchi FIRG/A series, Faster 2FFI (up to 1/2) & FFN38, Parker FF (3/8 only), Hansen QA, Ryco R110-06/08, Safeway FF49, Aeroquip FD89/FD49.

**EXAMPLE:** KQRF Flat Face 08 ISO Body Size 10 Thread Dash Size M or F Male/Female 5/8ORFS Thread Type BH If it is a bulkhead fitting



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRF-02-02AF	500	1/8 BSPP	3	5.0	13.60
KQRF-02-02AM	500	1/8 BSPP	3	5.0	13.60
KQRF-04-04F	400	1/4 BSPP	12	6.3	16.20
KQRF-04-04M	400	1/4 BSPP	12	6.3	16.20
KQRF-06-06F	350	3/8 BSPP	23	10.0	19.80
KQRF-06-06M	350	3/8 BSPP	23	10.0	19.80
KQRF-06-08F	350	1/2 BSPP	23	10.0	19.80
KQRF-06-08F-UNO	350	3/4 UNO	23	10.0	19.80
KQRF-06-08M	350	1/2 BSPP	23	10.0	19.80
KQRF-06-08M-UNO	350	3/4 UNO	23	10.0	19.80
KQRF-08-08AF	350	1/2 BSPP	45	12.5	24.60
KQRF-08-08AM	350	1/2 BSPP	45	12.5	24.60
KQRF-08-10F UNO	350	7/8 UNO	45	12.5	24.60
KQRF-08-10M UNO	350	7/8 UNO	45	12.5	24.60
KQRF-08-12F	350	3/4 BSPP	45	12.5	24.60
KQRF-08-12F UNO	350	1 1/16 UNO	45	12.5	24.60
KQRF-08-12M	350	3/4 BSPP	45	12.5	24.60
KQRF-08-12M UNO	350	1 1/16 UNO	45	12.5	24.60
KQRF-10-12F-BSP	350	3/4 BSPP	74	16.0	27.00
KQRF-10-12F-UNO	350	1 1/16 UNO	74	16.0	27.00
KQRF-10-12M-BSP	350	3/4 BSPP	74	16.0	27.00
KQRF-10-12M-UNO	350	1 1/16 UNO	74	16.0	27.00
KQRF-12-12F BSP	350	3/4 BSPP	100	19.0	30.00
KQRF-12-12F UNO	350	1 1/16 UNO	100	19.0	30.00
KQRF-12-12M BSP	350	3/4 BSPP	100	19.0	30.00
KQRF-12-12M-UNO	350	1 1/16 UNO	100	19.0	30.00
KQRF-12-16F	350	1 BSPP	100	19.0	30.00
KQRF-12-16F-UNO	350	1 5/16 UNO	100	19.0	30.00
KQRF-12-16M	350	1 BSPP	100	19.0	30.00



## Flat Face

Flat Face

### ISO16028 A-Series High-Pressure *Continued...*

Flat interface allows easy cleaning. Low spill, low air inclusion. Safety locking sleeve. 12-20 locking balls for optimum life. 3/8 sizes meets HTMA interchange dimensions. Interchanges with DNP PLT4, Stucchi FIRG/A series, Faster 2FFI (up to 1/2) & FFN38, Parker FF (3/8 only), Hansen QA, Ryco R110-06/08, Safeway FF49, Aeroquip FD89/FD49.

**EXAMPLE:** KQRF Flat Face 08 ISO Body Size 10 Thread Dash Size M or F Male/Female 5/8ORFS Thread Type BH If it is a bulkhead fitting



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\emptyset$
KQRF-12-16M-UNO	350	1 5/16 UNO	100	19.0	30.00
KQRF-16-16F BSP	350	1 BSPP	189	25.0	36.00
KQRF-16-16M BSP	350	1 BSPP	189	25.0	36.00
KQRF-16-20F	350	1 1/4 BSPP	189	25.0	36.00
KQRF-16-20M	350	1 1/4 BSPP	189	25.0	36.00
KQRF-20-20F	250	1 1/4 BSPP	260	31.5	44.00
KQRF-20-20M	250	1 1/4 BSPP	260	31.5	44.00
KQRF-24-24F	250	1 1/2 BSPP	379	40.0	57.00
KQRF-24-24M	250	1 1/2 BSPP	379	40.0	57.00

Flat Face

### ISO16028 A-Series High-Pressure Connect Under Pressure

Flat interface allows easy cleaning. Low spill, low air inclusion. Safety locking sleeve. 12-20 locking balls for optimum life. 3/8 sizes meets HTMA interchange dimensions. Interchanges with DNP PLT4, Stucchi FIRG/A series, Faster 2FFI (up to 1/2) & FFN38, Parker FF (3/8 only), Hansen QA, Ryco R110-06/08, Safeway FF49, Aeroquip FD89/FD49. CUP = Connect under pressure.

**EXAMPLE:** KQRF Flat Face 08 ISO Body Size 10 Thread Dash Size M or F Male/Female 5/8ORFS Thread Type BH If it is a bulkhead fitting



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\emptyset$
KQRF-08-08M-CUP	350	1/2 BSPP	45	12.5	24.50
KQRF-08-10M UNO-CUP	350	7/8 UNO	45	12.5	24.50
KQRF-08-12M UNO-CUP	350	1 1/16 UNO	45	12.5	24.50
KQRF-12-12M BSP-CUP	350	3/4 BSPP	100	19	30.00

*Continued on following page...*

## Flat Face

Flat Face

### ISO16028 A-Series High-Pressure Bulkhead

Flat interface allows easy cleaning. Low spill, low air inclusion. Safety locking sleeve. 12-20 locking balls for optimum life. 3/8 sizes meets HTMA interchange dimensions.  
Interchanges with DNP PLT4, Stucchi FIRG/A series, Faster 2FFI (up to 1/2) & FFN38, Parker FF (3/8 only), Hansen QA, Ryco R110-06/08, Safeway FF49, Aeroquip FD89/FD49.

**EXAMPLE:** KQRF Flat Face 08 ISO Body Size 10 Thread Dash Size M or F Male/Female 5/8ORFS Thread Type BH If it is a bulkhead fitting



Part Number	Pressure Rating/ BAR	Male Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRF-08-10F-5/8ORFSBH	350	1 ORFS BH	45	12.5	24.60
KQRF-08-10F-7/8JICBH	350	7/8 JIC BH	45	12.5	24.60
KQRF-08-10M-5/8ORFSBH	350	1 ORFS BH	45	12.5	24.60
KQRF-08-10M-7/8JICBH	350	7/8 JIC BH	45	12.5	24.60

## Flat Face Caps & Plugs

Flat Face Caps & Plugs

### ISO16028 A-Series High-Pressure Caps & Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-04C-FF	1/4	CAP	MALE	PVC
KQRC-04P-FF	1/4	PLUG	FEMALE	PVC
KQRC-06C-FF	3/8	CAP	MALE	PVC
KQRC-06P-FF	3/8	PLUG	FEMALE	PVC
KQRC-08C-FF	1/2	CAP	MALE	PVC
KQRC-08P-FF	1/2	PLUG	FEMALE	PVC
KQRC-10C-FF-AL	5/8	CAP	MALE	ALUMINIUM
KQRC-10P-FF-AL	5/8	PLUG	FEMALE	ALUMINIUM
KQRC-12C-FF	3/4	CAP	MALE	PVC
KQRC-12P-FF	3/4	PLUG	FEMALE	PVC
KQRC-16C-FF	1	CAP	MALE	PVC
KQRC-16P-FF	1	PLUG	FEMALE	PVC

## Flat Face Colour Rings

### Flat Face Colour Rings

### Colour Rings

Ideal for colour coding couplers to match male to female.  
Other sizes available on request.



Part Number	Description	Size	Colour
KQRCR-08F-BLUE		1/2	BLUE
KQRCR-08F-GREEN		1/2	GREEN
KQRCR-08F-GREY		1/2	GREY
KQRCR-08F-ORANGE		1/2	ORANGE
KQRCR-08F-RED		1/2	RED
KQRCR-08F-VIOLET		1/2	VIOLET
KQRCR-08F-WHITE		1/2	WHITE
KQRCR-08F-YELLOW		1/2	YELLOW
KQRCR-08M-BLUE		1/2	BLUE
KQRCR-08M-GREEN		1/2	GREEN
KQRCR-08M-GREY		1/2	GREY
KQRCR-08M-ORANGE		1/2	ORANGE
KQRCR-08M-RED		1/2	RED
KQRCR-08M-VIOLET		1/2	VIOLET
KQRCR-08M-WHITE		1/2	WHITE
KQRCR-08M-YELLOW		1/2	YELLOW
KQRCR-08M-TOOL		1/2	N/A

## Screw Together

### Screw Together

### ISO14541 VD Poppet

Interchanges with DNP PVV3, Stucchi VD series, Faster CVV, Parker QHPA & Ryc0 R120.

**EXAMPLE:** KQRS 08 10 M or F  
Flat Face ISO Body Size Thread Dash Size Male/Female



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter ø
KQRS-04F-VD	450	1/4 BSPP	12	6.3	
KQRS-04M-VD	450	1/4 BSPP	12	6.3	24.00
KQRS-06F-VD	400	3/8 BSPP	23	10.0	
KQRS-06M-VD	400	3/8 BSPP	23	10.0	28.00
KQRS-08F-VD	400	1/2 BSPP	45	12.5	
KQRS-08M-VD	400	1/2 BSPP	45	12.5	36.00
KQRS-12F-VD	300	3/4 BSPP	106	19.0	



## Screw Together

Screw Together

### ISO14541 VD Poppet *Continued...*

Interchanges with DNP PVV3, Stucchi VD series, Faster CVV, Parker QHPA & Ryco R120.

**EXAMPLE:** KQRS Flat Face    08 ISO Body Size    10 Thread Dash Size    M or F Male/Female



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRS-12M-VD	300	3/4 BSPP	106	19.0	42.00
KQRS-16-12F-VD	300	3/4 BSPP	189	25.0	
KQRS-16-12M-VD	300	3/4 BSPP	189	25.0	48.00
KQRS-16F-VD	300	1 BSPP	189	25.0	
KQRS-16M-VD	300	1 BSPP	189	25.0	48.00

Screw Together

### Faster VV Interchange

Interchanges with DNP-VDVI and Faster VV series.



Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRS-06F-VV	300	3/8 BSPP	23	10.0	
KQRS-06M-VV	300	3/8 BSPP	23	10.0	19.0
KQRS-08F-VV	300	1/2 BSPP	45	12.5	
KQRS-08M-VV	300	1/2 BSPP	45	12.5	20.50
KQRS-12F-VV	250	3/4 BSPP	106	19.0	
KQRS-12M-VV	250	3/4 BSPP	106	19.0	27.90
KQRS-16F-VV	230	1 BSPP	189	25.0	
KQRS-16M-VV	230	1 BSPP	189	25.0	31.30

## Screw Together Caps, Plugs & Seal Kits

Screw Together Caps, Plugs & Seal Kits

### ISO14541 Caps, Plugs & Seal Kits



Part Number	Size	Type	Fits Gender	Material
KQRC-06C-VD	3/8	CAP	MALE	PVC
KQRC-06P-VD	3/8	PLUG	FEMALE	PVC
KQRC-08C-VD	1/2	CAP	MALE	PVC
KQRC-08C-VD-AL	1/2	CAP	MALE	ALUMINIUM
KQRC-08P-VD	1/2	PLUG	FEMALE	PVC
KQRC-08P-VD-AL	1/2	PLUG	FEMALE	ALUMINIUM
KQRC-12P-VD	3/4	PLUG	FEMALE	PVC
KQRC-12P-VD-AL	3/4	PLUG	FEMALE	ALUMINIUM

*Continued on following page...*

## Screw Together Caps, Plugs & Seal Kits

### Screw Together Caps, Plugs & Seal Kits

### ISO14541 Caps, Plugs & Seal Kits *Continued...*



Part Number	Size	Type	Fits Gender	Material
KQRC-12C-VD	3/4	CAP	MALE	PVC
KQRC-12C-VD-AL	3/4	CAP	MALE	ALUMINIUM
KQRC-16C-VD	1	CAP	MALE	PVC
KQRC-16P-VD	1	PLUG	FEMALE	PVC
KQRS-16F-VD-SEALKIT	1	SEAL KIT	FEMALE	

### Screw Together Caps, Plugs & Seal Kits

### VV Caps & Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-08C-VV-AL	1/2	CAP	MALE	ALUMINIUM
KQRC-08P-VV-AL	1/2	PLUG	FEMALE	ALUMINIUM
KQRC-12C-VV-AL	3/4	CAP	MALE	ALUMINIUM
KQRC-12P-VV-AL	3/4	PLUG	FEMALE	ALUMINIUM
KQRC-16C-VV-AL	1	CAP	MALE	ALUMINIUM
KQRC-16P-VV-AL	1	PLUG	FEMALE	ALUMINIUM

## Screw Together Flat Face

### Screw Together Flat Face

### VEP Interchange

Interchanges with DNP PVT4 (-20) and PST4, Stucchi VEP series, Aeroquip FD96.

**EXAMPLE:** KQRS Flat Face    08 ISO Body Size    10 Thread Dash Size    M or F Male/Female    Flat Face Coupler Type    BSP Thread Type



NB: Exclusive profile for -20

Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter ø
KQRS-08-08F-FF-BSP	350	1/2 BSPP	45	12.5	24.50
KQRS-08-08M-FF-BSP	350	1/2 BSPP	45	12.5	24.50
KQRS-10-12F-FF-BSP	350	3/4 BSPP	74	16.0	27.00
KQRS-10-12M-FF-BSP	350	3/4 BSPP	74	16.0	27.00
KQRS-12-16F-FF-BSP	350	1 BSPP	100	19.0	29.90
KQRS-12-16M-FF-BSP	350	1 BSPP	100	19.0	29.90
KQRS-16-16F-FF-BSP	350	1 BSPP	189	25.0	36.00
KQRS-16-16M-FF-BSP	350	1 BSPP	189	25.0	36.00
KQRS-16-20F-FF-BSP	350	1 1/4 BSPP	189	25.0	36.00

*Continued on following page...*

## Screw Together Flat Face

Screw Together Flat Face

VEP Interchange *Continued...*

Interchanges with DNP PVT4 (-20) and PST4, Stucchi VEP series, Aeroquip FD96.

**EXAMPLE:** KQRS Flat Face    08 ISO Body Size    10 Thread Dash Size    M or F Male/Female    Flat Face Coupler Type    BSP Thread Type



NB: Exclusive profile for -20

Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRS-20-20F-FF-BSP	350	1 1/4 BSPP	288	31.5	44.00
KQRS-20-20M-FF-BSP	350	1 1/4 BSPP	288	31.5	44.00
KQRS-24-24F-FF-BSP	300	1 1/2 BSPP	379	40.0	56.90
KQRS-24-24M-FF-BSP	300	1 1/2 BSPP	379	40.0	56.90

## Screw Together Flat Face Caps & Plugs

Screw Together Flat Face Caps & Plugs

VEP Interchange



NB: Exclusive profile for -20

Part Number	Size	Type	Fits Gender	Material
KQRC-08C-FFS-AL	1/2	CAP	MALE	ALUMINIUM
KQRC-08P-FFS-AL	1/2	PLUG	FEMALE	ALUMINIUM
KQRC-10C-FFS-AL	5/8	CAP	MALE	ALUMINIUM
KQRC-10P-FFS-AL	5/8	PLUG	FEMALE	ALUMINIUM
KQRC-12C-FFS-AL	3/4	CAP	MALE	ALUMINIUM
KQRC-12P-FFS-AL	3/4	PLUG	FEMALE	ALUMINIUM
KQRC-16C-FFS-AL	1	CAP	MALE	ALUMINIUM
KQRC-16P-FFS-AL	1	PLUG	FEMALE	ALUMINIUM
KQRC-20C-FFS-AL	1 1/4	CAP	MALE	ALUMINIUM
KQRC-20P-FFS-AL	1 1/4	PLUG	FEMALE	ALUMINIUM

*Continued on following page...*

## Jacking

Jacking

### ISO14540 720 BAR

Designed for high pressure hydraulic applications such as jacking systems.



BALL



POPJET

Part Number	Pressure Rating/ BAR	Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRJ-04F	720	1/4 NPTM	5	6.3	15.90
KQRJ-04M	720	1/4 NPTF	5	6.3	15.90
KQRJ-06F-NPTF	720	3/8 NPTF	9	10.0	19.00
KQRJ-06F-NPTM	720	3/8 NPTM	9	10.0	19.00
KQRJ-06M-NPTF	720	3/8 NPTF	9	10.0	19.00
KQRJP-06F-NPTF	720	3/8 NPTF	9	10.0	19.00
KQRJP-06M-NPTF	720	3/8 NPTF	9	10.0	19.00

Jacking

### 700 BAR Flat Face

Interchanges with DNP PLT7 and Stucchi HP.



Part Number	Pressure Rating/ BAR	Thread	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQRJFF-04-06F-NPT	700	3/8 NPTF	12	6.3	16.60
KQRJFF-04-06M-NPT	700	3/8 NPTF	12	6.3	16.60

## Jacking Caps & Plugs

Jacking Caps & Plugs

### ISO14541 700 BAR Caps and Plugs



Part Number	Size	Type	Fits Gender	Material
KQRC-04C-J	1/4	CAP	MALE	STEEL
KQRC-04P-J	1/4	PLUG	FEMALE	STEEL
KQRC-06P/C-J	3/8	CAP + PLUG	UNI-SEX	PVC





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**TAIPAN**  
Hydraulic Hose Systems



# SECTION 5 **ACCESSORIES**



# Accessories

## Clamps

### PVC Clamps

#### Cushion



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#### Double Cushion



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### Stainless Steel Hose Clamp

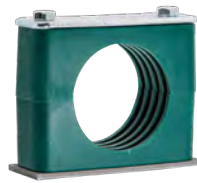
#### Ultra Heavy Duty



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### Ribbed

#### Single Ribbed



SINGLE | Page 312

#### Double Ribbed



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#### Heavy Duty Single Ribbed UV Resistant



HD SINGLE | Page 314

## Smooth Bore

#### Single UV Resistant Smooth Bore



SINGLE SB | Page 314

#### Double UV Resistant Smooth Bore



DOUBLE SB | Page 315

## Clamp Accessories

### Stacking Bolt

#### To Suit Single Clamp



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#### To Suit Double Clamp



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## Stacking Plate

#### To Suit Single Clamp



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#### To Suit Double Clamp



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## Hose Protection

### Hose Sleeve

#### Scuff Cover



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#### Safe Sleeve



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#### Fast Wrap



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# Accessories

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<p><b>Ties</b></p>	<p><b>Bundle Straps</b></p>  <p>TBS   Page 321</p>	<p><b>Nylon Zipties</b></p>  <p>ZIPTIE   Page 321</p>	<p><b>Stainless Steel Zipties</b></p>  <p>ZIPTIE (SS)   Page 321</p>	<p>MORE PRODUCTS COMING SOON</p>
<p><b>Bend Restrictors</b></p>	<p><b>Vinyl Bend Restrictors</b></p>  <p>VBR   Page 322</p>	<p><b>Plastic Caps</b></p>	<p><b>BSP Plastic Caps</b></p>  <p>BC   Page 322</p>	<p><b>JIC Plastic Caps</b></p>  <p>JC   Page 322</p>
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# Accessories

BSPP ED



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ORFS Male D90



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BSP Self-Centering Seal



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Metric Self-Centering Seal



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**Dowty Washer and O'Ring Kits**



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O'Ring Kits



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**High Pressure Ball Valves**

**Straight HPBV**

Straight



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MORE PRODUCTS COMING SOON

**Three Way HPBV**



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T Port



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**HPBV Accessories**

Handle



HPBV HANDLES | Page 330

**Taimi Live Swivels**

**Straight Swivels**

BSPP Male/Female



SZ-PM-PF | Page 331

BSPP Male/Male



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JIC Male/Female



SZ-JM-JF | Page 331



# Accessories

JIC Male/Male



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ORFS Male/Female



SZ-SM-SF | Page 331

ORFS Male/Male



SZ-SM-SM | Page 332

90 Degree Swivels

ORFS M x UNO F/M



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BSPP M x UNO F/M



SZ90-PM-BF  
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Taimi Swivel Seal Kits

Seal Kit



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MORE PRODUCTS  
COMING SOON

MORE PRODUCTS  
COMING SOON

Test

Test Kits

Analogue



TEST KIT ANALOGUE  
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Digital



TEST KIT DIGITAL  
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MORE PRODUCTS  
COMING SOON

DN2 Test Hose

DN2 - Test



TEST DN2 63 MPA  
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DN2-Test 20

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MORE PRODUCTS  
COMING SOON

# Accessories

## 90 Degree

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## DN2 Test Hose Accessories

DN2-Plugs and Caps



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## Gauges

Analogue Pressure Gauges



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## Gauge Accessories

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Gauge Bracket



Pressure Gauge Bracket DN63  
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Gauge Adaptor



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## Diagnostic Test Points

Interchange 620 BAR



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Interchange 420 BAR



KQFFTP-F/M | Page 337

## Test Tees

BSPP F x BSPP M x UNO F



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JIC F S/W x JIC M x UNO F



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ORFS F x ORFS M x UNO F



QTEVWPFS | Page 338

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON

MORE PRODUCTS COMING SOON







# NO WORRIES WARRANTY

*We're serious about our goal of zero product failures.*

At Taipan, we offer an utterly reliable product warranty. In the unlikely event that you encounter a problem, we will work with you to resolve issues efficiently and help you support your customers. Once the dust settles, we will work with you to get to the bottom of the problem.

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**TAIPAN**  
Hydraulic Hose Systems



# Clamps

## PVC

PVC

### Single Cushion



Heavy Duty PVC Clamp - Australian made to AS1977 TYPE 3/105T, Stainless - made to order.

Part Number	Tube Size	Band Width	Hole Size
PC6-1610	6MM	16MM	10MM
PC10-1910	10MM	19MM	10MM
PC12-1910	12MM	19MM	10MM
PC13-1910	13MM	19MM	10MM
PC14-1910	14MM	19MM	10MM
PC15-1910	15MM	19MM	10MM
PC16-1910	16MM	19MM	10MM
PC18-1910	18MM	19MM	10MM
PC22-2513	22MM	25MM	13MM
PC23-2513	23MM	25MM	13MM
PC25-2513	25MM	25MM	13MM
PC28-2513	28MM	25MM	13MM
PC29-2513	29MM	25MM	13MM
PC30-2513	30MM	25MM	13MM
PC32-2513	32MM	25MM	13MM
PC35-2513	35MM	25MM	13MM
PC36-2513	36MM	25MM	13MM
PC38-2513	38MM	25MM	13MM
PC40-2513	40MM	25MM	13MM
PC45-2513	45MM	25MM	13MM
PC46-2513	46MM	25MM	13MM
PC51-2513	51MM	25MM	13MM
PC60-2513	60MM	25MM	13MM
PC67-2513	67MM	25MM	13MM
PC70-2513	70MM	25MM	13MM
PC90-2513	90MM	25MM	13MM



## Clamps

### PVC

#### PVC



Heavy Duty PVC Double Cushion Clamp - Australian made to AS1977 TYPE 3/105T. Stainless - made to order.

#### Double Cushion

Part Number	Tube Size	Band Width	Hole Size
PCD20-2513	20 x 2MM	25MM	13MM
PCD28-2513	28 x 2MM	25MM	13MM
PCD29-2513	29 x 2MM	25MM	13MM
PCD38-2513	38 x 2MM	25MM	13MM
PCD42-2513	42 x 2MM	25MM	13MM

### Stainless Steel Hose Clamps

#### SS Hose Clamps



W2 - Stainless band with mild steel bolt.

#### Ultra Heavy Duty (Mikalor brand)

Part Number	Description
SC17-19W2	
SC19-21W2	
SC21-23W2	
SC23-25W2	
SC25-27W2	
SC27-29W2	
SC29-31W2	SUITS 100R4-12
SC31-34W2	
SC34-37W2	
SC37-40W2	SUITS 100R4-16
SC40-43W2	
SC43-47W2	SUITS 100R4-20
SC47-51W2	
SC51-55W2	SUITS 100R4-24
SC55-59W2	
SC59-63W2	
SC63-68W2	SUITS 100R4-32
SC68-73W2	
SC73-79W2	SUITS 100R4-40
SC79-85W2	
SC85-91W2	SUITS 100R4-48
SC91-97W2	

Continued on following page..

## Clamps

### Stainless Steel Hose Clamps

#### SS Hose Clamps

#### Ultra Heavy Duty (Mikalor brand) *Continued...*



W2 - Stainless band with mild steel bolt.

Part Number	Description
SC97-104W2	
SC104-112W2	
SC112-121W2	
SC121-130W2	
SC130-140W2	
SC174-187W2	

### Ribbed - Polypropylene

#### Ribbed - Polypropylene

#### Single



Green ribbed Polypropylene insert.

Part Number	Description	Group
6.4MM SINGLE		1
8MM SINGLE		1
9.5MM SINGLE		1
12MM SINGLE		1
12.7MM SINGLE	SUITS 1/4 ONE WIRE	2
14MM SINGLE	SUITS 1/4 TWO WIRE	2
15MM SINGLE		2
16MM SINGLE		2
18MM SINGLE	SUITS 3/8 ONE WIRE	2
19MM SINGLE	SUITS 3/8 TWO WIRE	3
20MM SINGLE	SUITS 1/2 ONE WIRE	3
22MM SINGLE	SUITS 1/2 TWO WIRE	3
25MM SINGLE		3
25.4MM SINGLE	SUITS 5/8 TWO WIRE	3
26.9MM SINGLE	SUITS 3/4 ONE WIRE	4
28MM SINGLE		4
30MM SINGLE	SUITS 3/4 TWO WIRE	4
32MM SINGLE		5
35MM SINGLE		5
38MM SINGLE	SUITS 1 TWO WIRE	5
42MM SINGLE		5
44.5MM SINGLE		6

*Continued on following page..*

# Clamps

## Ribbed - Polypropylene

### Ribbed - Polypropylene

### Single *Continued...*



Green ribbed  
Polypropylene insert.

Part Number	Description	Group
50.8MM SINGLE		6
60.3MM SINGLE		7

### Ribbed - Polypropylene

### Double



Green ribbed  
Polypropylene insert.

Part Number	Description	Group
6.4MM DOUBLE		1
8MM DOUBLE		1
9.5MM DOUBLE		1
12.7MM DOUBLE	SUITS 1/4 ONE WIRE	2
14MM DOUBLE	SUITS 1/4 TWO WIRE	2
15MM DOUBLE		2
16MM DOUBLE		2
18MM DOUBLE	SUITS 3/8 ONE WIRE	2
19MM DOUBLE	SUITS 3/8 TWO WIRE	3
20MM DOUBLE	SUITS 1/2 ONE WIRE	3
22MM DOUBLE	SUITS 1/2 TWO WIRE	3
25MM DOUBLE		3
25.4MM DOUBLE	SUITS 5/8 TWO WIRE	3
28MM DOUBLE		4
30MM DOUBLE	SUITS 3/4 TWO WIRE	4
32MM DOUBLE		5
38MM DOUBLE	SUITS 1 TWO WIRE	5
42MM DOUBLE		5



## Clamps

### Ribbed Bore - Polyamide

#### Ribbed - Polyamide



Black UV resistant Polyamide insert.

#### Heavy Duty Single

Part Number	Description	Group
25.4MM HD SINGLE	SUITS 5/8 TWO WIRE	2
26.9MM HD SINGLE	SUITS 3/4 ONE WIRE	2
32MM HD SINGLE		3
33.7MM HD SINGLE		3
38MM HD SINGLE	SUITS 1 TWO WIRE	3
42MM HD SINGLE		4
44.5MM HD SINGLE		4
48.3MM HD SINGLE		4
50.8MM HD SINGLE		4
57MM HD SINGLE		4
60.3MM HD SINGLE		4
70MM HD SINGLE		4

### Smooth Bore - Polyamide

#### Smooth Bore - Polyamide



Black UV resistant Polyamide insert.

#### Single

Part Number	Description	Group
6.4MM SINGLE SB BLK		1
8MM SINGLE SB BLK		1
9.5MM SINGLE SB BLK		1
12.7MM SINGLE SB BLK	SUITS 1/4 ONE WIRE	2
14MM SINGLE SB BLK	SUITS 1/4 TWO WIRE	2
15MM SINGLE SB BLK		2
16MM SINGLE SB BLK		2
18MM SINGLE SB BLK	SUITS 3/8 ONE WIRE	2
19MM SINGLE SB BLK	SUITS 3/8 TWO WIRE	3
20MM SINGLE SB BLK	SUITS 1/2 ONE WIRE	3
22MM SINGLE SB BLK	SUITS 1/2 TWO WIRE	3
25.4MM SINGLE SB BLK	SUITS 5/8 TWO WIRE	3
28MM SINGLE SB BLK		4
30MM SINGLE SB BLK	SUITS 3/4 TWO WIRE	4
32MM SINGLE SB BLK		5
35MM SINGLE SB BLK		5

Continued on following page..

# Clamps

## Smooth Bore - Polyamide

### Smooth Bore - Polyamide

### Single *Continued...*



Black UV resistant Polyamide insert.

Part Number	Description	Group
38MM SINGLE SB BLK	SUITS 1 TWO WIRE	5
42MM SINGLE SB BLK		5
50.8MM SINGLE SB BLK		6

### Smooth Bore - Polyamide

### Double



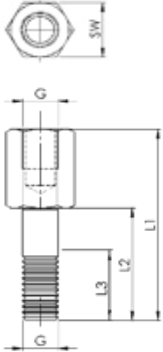
Black UV resistant Polyamide insert.

Part Number	Description	Group
6.4MM DOUBLE SBBLK		1
8MM DOUBLE SBBLK		1
9.5MM DOUBLE SBBLK		1
12.7MM DOUBLE SBBLK	SUITS 1/4 ONE WIRE	2
14MM DOUBLE SBBLK	SUITS 1/4 TWO WIRE	2
15MM DOUBLE SBBLK		2
16MM DOUBLE SBBLK		2
18MM DOUBLE SBBLK	SUITS 3/8 ONE WIRE	2
19MM DOUBLE SBBLK	SUITS 3/8 TWO WIRE	3
20MM DOUBLE SBBLK	SUITS 1/2 ONE WIRE	3
22MM DOUBLE SBBLK	SUITS 1/2 TWO WIRE	3
25.4MM DOUBLE SBBLK	SUITS 5/8 TWO WIRE	3
28MM DOUBLE SBBLK		4
30MM DOUBLE SBBLK	SUITS 3/4 TWO WIRE	4
32MM DOUBLE SBBLK		5
38MM DOUBLE SBBLK		5

## Clamp Accessories

### Stacking Bolt

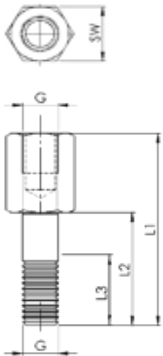
#### Stacking Bolt



#### Single

Part Number	Group	Clamp Size (MM)	L1	L2	L3 min.	SW	G (Thread)
SB-G1	1	6.4, 8, 9.5, 12	34	20	12	11	M6
SB-G2	2	12.7, 14, 15, 16, 18	39	25	12	11	M6
SB-G3	3	19, 20, 22, 25, 25.4	44	30	12	11	M6
SB-G4	4	26.9, 28, 30	48	35	12	11	M6
SB-G5	5	32, 35, 38, 42	64	50	12	11	M6

#### Stacking Bolt

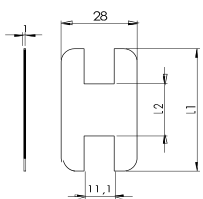


#### Double

Part Number	Group	Clamp Size (MM)	L1	L2	L3 min.	SW	G (Thread)
SB-G1	1	6.4, 8, 9.5, 12	34	20	12	11	M6
SB-DI2	2	12.7, 14, 15, 16, 18	34	20	12	12	M8
SB-DI3	3	19, 20, 22, 25, 25.4	44	29	12	12	M8
SB-DI4	4	28, 30	49	34	12	12	M8
SB-DI5	5	32, 38, 42	61	46	12	12	M8

### Stacking Plates

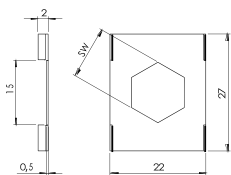
#### Stacking Plates



#### Stacking Plate Single

Part Number	Group	Clamp Size (MM)	L1	L2
SP-G1	1	6.4, 8, 9.5, 12	34	7
SP-G2	2	12.7, 14, 15, 16, 18	40	13
SP-G3	3	19, 20, 22, 25, 25.4	48	20
SP-G4	4	28, 30	57	27
SP-G5	5	32, 35, 38, 42	69	39

#### Stacking Plates



#### Stacking Plate Double

Part Number	Group	Clamp Size (MM)	SW (MM)
SP-DI1	1	6.4, 8, 9.5	11.1
SP-DI2/5	2-5	12.7, 14, 15, 16, 18, 19, 20, 22, 25, 25.4, 28, 30, 32, 38, 40	12.1

# Hose Protection

## Hose Sleeve

### Hose Sleeve

### Scuff Cover

MSHA approved, RoHS, ISO6945.

Textile sleeve consists of nylon multifilament, with particularly smooth inner wall. It reduces frictional resistance problems and the tight woven construction helps disperse the fluid in a ruptured hose.

Operating temperature -50°C to 150°C, melting point 240°C.

Material - Nylon.



Part Number	Description	Roll Size (M)
SCMSHA-ID17	SCUFF COVER MSHA 17MM I.D (30MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID20	SCUFF COVER MSHA 17MM I.D (36MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID23	SCUFF COVER MSHA 23MM I.D (40MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID25	SCUFF COVER MSHA 27MM I.D (43MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID27	SCUFF COVER MSHA 27MM I.D (45MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID30	SCUFF COVER MSHA 30MM I.D (52MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID33	SCUFF COVER MSHA 33MM I.D (55MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID36	SCUFF COVER MSHA 36MM I.D (60MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID40	SCUFF COVER MSHA 40MM I.D (66MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID44	SCUFF COVER MSHA 44MM I.D (74MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID47	SCUFF COVER MSHA 47MM I.D (77MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID53	SCUFF COVER MSHA 53MM I.D (86MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID55	SCUFF COVER MSHA 55MM I.D (90MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID60	SCUFF COVER MSHA 60MM I.D (98MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID66	SCUFF COVER MSHA 66MM I.D (106MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID73	SCUFF COVER MSHA 73MM I.D (118MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID78	SCUFF COVER MSHA 78MM I.D (126MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID85	SCUFF COVER MSHA 85MM I.D (136MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID94	SCUFF COVER MSHA 94MM I.D (150MM FLAT) -50 TO 150 DEG	50M
SCMSHA-ID112	SCUFF COVER MSHA 112MM I.D (178MM FLAT) -50 TO 150 DEG	50M



## Hose Protection

### Hose Sleeve

#### Hose Sleeve

#### Safe Sleeve

MSHA approved. Meets the requirements of ISO 3457, EN4413 and EN1299.  
Recommended for use to protect personnel near by from hose burst (pin hole tested).  
Recommended temperature range -40°C to 120°C - UV resistant.  
Material - Polyester.

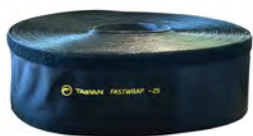


Part Number	Description	Roll Size (M)
SSMSHA-ID17	SAFE SLEEVE MSHA 17MM I.D (27MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID23	SAFE SLEEVE MSHA 23MM I.D (36MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID27	SAFE SLEEVE MSHA 27MM I.D (42MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID30	SAFE SLEEVE MSHA 30MM I.D (50MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID39	SAFE SLEEVE MSHA 39MM I.D (62MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID46	SAFE SLEEVE MSHA 46MM I.D (73MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID55	SAFE SLEEVE MSHA 55MM I.D (87MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID62	SAFE SLEEVE MSHA 62MM I.D (98MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID78	SAFE SLEEVE MSHA 78MM I.D (123MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID109	SAFE SLEEVE MSHA 109MM I.D (172MM FLAT) -40 TO 120 DEG	50M
SSMSHA-ID125	SAFE SLEEVE MSHA 125MM I.D (197MM FLAT) -40 TO 120 DEG	50M

#### Hose Sleeve

#### Fast Wrap

Taipan Fastwrap sleeve is made from 100% PA6 textile sleeve with PU coating and hook and loop fasteners. Comes in 25M rolls. Hook and loop design provides a quick and easy solution for bundling hose groups together. It can be used to protect cylinder rods from damage or contamination prolonging seal life. It can also be used for many other applications. Sleeve can be cut using standard scissors. A heat gun is useful for sealing the cut edge. **NOTE: Sold in full roll lengths only.**



Part Number	Description	Roll Size (M)
FASTWRAP-25	FASTWRAP SLEEVE 25MM I.D	25M
FASTWRAP-50	FASTWRAP SLEEVE 50MM I.D	25M
FASTWRAP-75	FASTWRAP SLEEVE 75MM I.D	25M
FASTWRAP-100	FASTWRAP SLEEVE 100MM I.D	25M
FASTWRAP-125	FASTWRAP SLEEVE 125MM I.D	25M
FASTWRAP-150	FASTWRAP SLEEVE 150MM I.D	25M
FASTWRAP-175	FASTWRAP SLEEVE 175MM I.D	25M
FASTWRAP-200	FASTWRAP SLEEVE 200MM I.D	25M

# Hose Protection

## Hose Sleeve

### Hose Sleeve

### Fire Sleeve

Taipan fire sleeve is the perfect choice for protecting industrial hydraulic hoses, pneumatic lines, fuel and oil hoses, brake hoses, wires and cables from exposure to high temperature heat or flames. Constructed from fibreglass yarn with a high grade silicone rubber coating.

Working temperature: 260°C (continuous), peak temperature 1650°C.



Part Number	Description	Roll Size (M)
FS-15MM	FIRE SLEEVE RED SILICON 15MM I.D	20M
FS-20MM	FIRE SLEEVE RED SILICON 20MM I.D	20M
FS-28MM	FIRE SLEEVE RED SILICON 28MM I.D	20M
FS-35MM	FIRE SLEEVE RED SILICON 35MM I.D	20M
FS-50MM	FIRE SLEEVE RED SILICON 50MM I.D	20M

### Hose Sleeve

### Fire Sleeve Tape



Part Number	Description	Roll Size (M)
FS-TAPE-25MM	FIRE SLEEVE TAPE 0.5 X 25MM X 10M RED	10M

Silicone self-fusing tape for finishing ends of fire sleeve on hose.

### Hose Sleeve

### Spring Guard



Part Number	I.D. (MM)	Pitch (MM)	Wire Size (MM)	Roll Size (M)
TSG-17	17	3.0	1.8	10M
TSG-22	22	4.0	1.8	10M
TSG-25	25	4.0	1.8	10M
TSG-32	32	6.0	2.0	10M
TSG-36	36	6.0	2.0	10M
TSG-41	41	8.0	2.5	5M
TSG-44	44	8.0	2.5	5M
TSG-51	51	8.0	3.0	5M
TSG-54	54	10.0	3.0	5M
TSG-59	59	10.0	3.0	5M
TSG-62	62	12.0	3.0	5M

Only sold by the roll

# Hose Protection

## Hose Sleeve

### Hose Sleeve

### Spiral Guard

General purpose flat spiral guard - made from High Density Polyethylene (HDPE).  
 Suitable for use -40°C to 80°C.  
 Oil resistant and UV resistant - Black.  
 Other colours and FRAS rated available on request.



Part Number	I.D. (MM)	O.D. (MM)	Roll Size (M)
R10SSG	7.0	9.0	50
R12SSG	9.5	12.5	50
R16SSG	12.5	16.0	20
R16SSG-YELLOW	12.5	16.0	50
R20SSG	16.0	20.0	20
R20SSG-YELLOW	16.0	20.0	50
R25SSG	21.0	25.0	20
R25SSG-YELLOW	21.0	25.0	50
R32SSG	27.0	32.0	20
R32SSG-YELLOW	27.0	32.0	50
R40SSG	34.0	40.0	20
R40SSG-YELLOW	34.0	40.0	50
R50SSG	44.0	50.0	20
R50SSG-YELLOW	44.0	50.0	50
R63SSG	55.0	63.0	20
R75SSG	66.0	75.0	20
R90SSG	79.0	90.0	20
R110SSG	99.0	110.0	12
R110SSG-YELLOW	99.0	110.0	12
R125SSG	114.0	125.0	12

### Hose Sleeve

### FCC Crimp Rings



For attaching SCMSHA & SSMSHA. Material - Mild steel Cr3 plated.

Part Number	I.D. (MM)
FCC04	25MM
FCC06/08	32MM
FCC10/12	38MM
FCC16	48MM
FCC20	59MM
FCC24	65MM
FCC32	82MM

## Hose Protection

### Ties

#### Ties / Restraints

#### Bundle Straps

Bundling strap is made from 25MM width of polypropylene textile sleeve with a steel buckle. It can hold up to 2450N (200KG) weight. This product is widely used to bundle hydraulic hose or other cables. It can be quickly and easily assembled and dismantled. It can also be reused more than once.



Part Number	Strap Length
TBS600	600MM
TBS800	800MM
TBS1000	1000MM
TBS1500	1500MM
TBS5000	5000MM

#### Ties / Restraints

#### Nylon Zipties



Part Number	Description	Unit
ZIPTIE 100 X 2.5 X 100	ZIPTIE 100 X 2.5	BAG OF 100
ZIPTIE 100 X 3.6 X 100	ZIPTIE 100 X 3.6	BAG OF 100
ZIPTIE 200 X 2.5 X 100	ZIPTIE 200 X 2.5	BAG OF 100
ZIPTIE 200 X 4.8 X 100	ZIPTIE 200 X 4.8	BAG OF 100
ZIPTIE 280 X 4.8 X 100	ZIPTIE 280 X 4.8	BAG OF 100
ZIPTIE 300 X 4.8 X 100	ZIPTIE 300 X 4.8	BAG OF 100
ZIPTIE 200 X 7.2 X 100	ZIPTIE 200 X 7.2	BAG OF 100
ZIPTIE 370 X 7.2 X 100	ZIPTIE 370 X 7.2	BAG OF 100
ZIPTIE 450 X 7.2 X 100	ZIPTIE 450 X 7.2	BAG OF 100
ZIPTIE 550 X 7.2 X 100	ZIPTIE 550 X 7.2	BAG OF 100
ZIPTIE 550 X 9 X 100	ZIPTIE 550 X 9	BAG OF 100
ZIPTIE 750 X 9 X 100	ZIPTIE 750 X 9	BAG OF 100
ZIPTIE 1000 X 9 X 100	ZIPTIE 1000 X 9	BAG OF 100
ZIPTIE 900 X 12 X 100	ZIPTIE 900 X 12	BAG OF 100

#### Ties / Restraints

#### Stainless Steel (316) Zipties



Part Number	Description	Unit
ZIPTIE-SS 200 X 4.6 X 100	ZIPTIE-SS 200 X 4.6	BAG OF 100
ZIPTIE-SS 350 X 4.6 X 100	ZIPTIE-SS 350 X 4.6	BAG OF 100
ZIPTIE-SS 300 X 8 X 100	ZIPTIE-SS 300 X 8	BAG OF 100
ZIPTIE-SS 400 X 8 X 100	ZIPTIE-SS 400 X 8	BAG OF 100



## Hose Protection

### Bend Restrictors

#### Bend Restrictors

#### Vinyl Bend Restrictors

Made from high quality PVC.

Temperature rating -40°C to 90°C.

Widely used for pressure wash and jacking hose assemblies to reduce the bending stress near the hose coupling. This added protection prevents damage to the hose and ultimately extends the life cycle of the hose.



Part Number	Length	Min Hose O.D (MM)	Max Hose O.D (MM)
VBR-0095	134.6MM	9.5	14.6
VBR-0150	140MM	15.0	17.5
VBR-0175	152.4MM	17.5	19.0
VBR-0190	177.8MM	19.0	21.0

### Plastic Caps

#### Plastic Caps

#### BSP Plastic Caps



Part Number	Description
BC-04	BSP PLASTIC CAP 1/4 BSP
BC-06	BSP PLASTIC CAP 3/8 BSP
BC-08	BSP PLASTIC CAP 1/2 BSP
BC-12	BSP PLASTIC CAP 3/4 BSP
BC-16	BSP PLASTIC CAP 1 BSP
BC-20	BSP PLASTIC CAP 1 1/4 BSP
BC-24	BSP PLASTIC CAP 1 1/2 BSP
BC-32	BSP PLASTIC CAP 2 BSP

#### Plastic Caps

#### JIC



Part Number	Description
JC-07	PLASTIC CAP 7/16 JIC
JC-09	PLASTIC CAP 9/16 JIC
JC-12	PLASTIC CAP 3/4 JIC
JC-14	PLASTIC CAP 7/8 JIC
JC-17	PLASTIC CAP 1 1/16 JIC
JC-21	PLASTIC CAP 1 5/16 JIC
JC-26	PLASTIC CAP 1 5/8 JIC
JC-30	PLASTIC CAP 1 7/8 JIC

## Hose Protection

### Plastic Caps

#### Plastic Caps

#### Code 61



Part Number	Description
F61PC-12	PLASTIC CAP CODE 61 X 3/4
F61PC-16	PLASTIC CAP CODE 61 X 1
F61PC-20	PLASTIC CAP CODE 61 X 1 1/4

#### Plastic Caps

#### Code 62



Part Number	Description
F62PC-12	PLASTIC CAP CODE 62 X 3/4
F62PC-16	PLASTIC CAP CODE 62 X 1
F62PC-20	PLASTIC CAP CODE 62 X 1 1/4

#### Plastic Caps

#### Heat Shrink Caps



Part Number	Description
CSC-2030P	CLEAN SEAL CAPSULES FITS 12 TO 18MM HEX
CSC-2224P	CLEAN SEAL CAPSULES FITS 16 TO 21MM HEX
CSC-2527P	CLEAN SEAL CAPSULES FITS 18 TO 23MM HEX
CSC-3133P	CLEAN SEAL CAPSULES FITS 24 TO 29MM HEX
CSC-3840P	CLEAN SEAL CAPSULES FITS 30 TO 36MM HEX
CSC-4345P	CLEAN SEAL CAPSULES FITS 32 TO 41MM HEX
CSC-5260P	CLEAN SEAL CAPSULES FITS 41 TO 50MM HEX
CSC-5860P	CLEAN SEAL CAPSULES FITS 49 TO 56MM HEX
CSC-6760P	CLEAN SEAL CAPSULES FITS 55 TO 65MM HEX
CSC-8060P	CLEAN SEAL CAPSULES FITS 64 TO 78MM HEX

### Plastic Plugs

#### Plastic Plugs

#### BSP



Part Number	Description
BP-04	PLASTIC PLUG BSP 1/4
BP-06	PLASTIC PLUG BSP 3/8
BP-08	PLASTIC PLUG BSP 1/2
BP-12	PLASTIC PLUG BSP 3/4
BP-16	PLASTIC PLUG BSP 1

## Hose Protection

### Plastic Plugs

#### Plastic Plugs



#### JIC

Part Number	Description
JP-07	PLASTIC PLUG 7/16 JICM
JP-09	PLASTIC PLUG 9/16 JICM
JP-12	PLASTIC PLUG 3/4 JICM
JP-14	PLASTIC PLUG 7/8 JICM
JP-17	PLASTIC PLUG 1 1/16 JICM
JP-21	PLASTIC PLUG 1 5/16 JICM
JP-26	PLASTIC PLUG 1 5/8 JICM
JP-30	PLASTIC PLUG 1 7/8 JICM

#### Plastic Plugs



#### ORFS

Part Number	Description
JP-09-ORFS	PLASTIC PLUG 9/16 ORFS
JP-11-ORFS	PLASTIC PLUG 11/16 ORFS
JP-13-ORFS	PLASTIC PLUG 13/16 ORFS
JP-16-ORFS	PLASTIC PLUG 1 ORFS
JP-19-ORFS	PLASTIC PLUG 1 3/16 ORFS
JP-23-ORFS	PLASTIC PLUG 1 7/16 ORFS
JP-27-ORFS	PLASTIC PLUG 1 11/16 ORFS



## Seals / O'Rings / Retaining Rings

### Seals / O'Rings / Retaining Rings

### BSPP O'Ring



Part Number	Size
B002	1/8
B004	1/4
B006	3/8
B008	1/2
B010	5/8
B012	3/4
B016	1
B020	1 1/4
B024	1 1/2
B032	2

### Seals / O'Rings / Retaining Rings

### BSPP Retaining Ring



Part Number	Size
BRR02	1/8
BRR04	1/4
BRR06	3/8
BRR08	1/2
BRR10	5/8
BRR12	3/4
BRR16	1
BRR20	1 1/4
BRR24	1 1/2
BRR32	2



## Seals / O'Rings / Retaining Rings

### Seals / O'Rings / Retaining Rings

### BSPP Encapsulated Seal



Part Number	Size
OR-ED04	1/4
OR-ED06	3/8
OR-ED08	1/2
OR-ED12	3/4
OR-ED16	1
OR-ED20	1 1/4

### Seals / O'Rings / Retaining Rings

### ORFS Male O'Ring D90



Part Number	Size
ORORFS09	9/16
ORORFS11	11/16
ORORFS13	13/16
ORORFS16	1
ORORFS19	1 3/16
ORORFS23	1 7/16
ORORFS27	1 11/16
ORORFS32	2

### Seals / O'Rings / Retaining Rings

### SAE Flange O'Ring D90



Part Number	Size
ORFL08	1/2
ORFL10	5/8
ORFL12	3/4
ORFL16	1
ORFL20	1 1/4
ORFL24	1 1/2
ORFL32	2
ORFL40	2 1/2
ORFL48	3

## Seals / O'Rings / Retaining Rings

### Seals / O'Rings / Retaining Rings

### CAT Flange D90



D-Ring

Part Number	Size
ORFL12-CAT	3/4
ORFL16-CAT	1
ORFL20-CAT	1 1/4
ORFL24-CAT	1 1/2
ORFL32-CAT	2

### Seals / O'Rings / Retaining Rings

### UNO O'Ring D90



Part Number	Size
ORUN007	7/16
ORUN009	9/16
ORUN012	3/4
ORUN014	7/8
ORUN017	1 1/16
ORUN021	1 5/16
ORUN026	1 5/8
ORUN030	1 7/8
ORUN040	2 1/2

### Seals / O'Rings / Retaining Rings

### Metric DIN O'Ring



Part Number	Size
ORM-08LS	08S
ORM-10LS	10LS
ORM-12LS	12LS
ORM-14S	14S
ORM-15L	15L
ORM-16S	16S
ORM-18L	18L
ORM-20S	20S
ORM-22L	22L
ORM-25S	25S
ORM-28L	28L
ORM-30S	30S
ORM-35L	35L
ORM-38S	38S
ORM-42L	42L

## Seals / O'Rings / Retaining Rings

Seals / O'Rings /  
Retaining Rings

### Metric Self-Centering Seal

All of our Dowty seals are made from Nitrile NBR. Nitrile is based on Acrylonitrile Butadiene Copolymer material that is resistant to all mineral oils, water and watery liquids. It is also resistant to hot air and numerous other chemicals. Nitrile NBR is a general purpose rubber and is used in a variety of applications. Operating temperature range -30°C to 110°C.



Part Number	Size
QDM-08	8MM
QDM-10	10MM
QDM-12	12MM
QDM-14	14MM
QDM-16	16MM
QDM-18	18MM
QDM-20	20MM
QDM-22	22MM
QDM-24	24MM
QDM-26	26MM
QDM-27	27MM
QDM-30	30MM
QDM-33	33MM
QDM-36	36MM
QDM-42	42MM
QDM-45	45MM
QDM-48	48MM
QDM-52	52MM

Seals / O'Rings /  
Retaining Rings

### Imperial Self-Centering Seal



Part Number	Size
QD-02	1/8
QD-04	1/4
QD-06	3/8
QD-08	1/2
QD-10	5/8
QD-12	3/4
QD-16	1
QD-20	1 1/4
QD-24	1 1/2
QD-32	2

## Dowty Washer & O'Ring Kits

### Dowty Washer



### Metric & Imperial Dowty Washer Kit

Part Number	Description
QD-KIT	BSP BONDED SEAL ASSORTMENT KIT
QDM-KIT	METRIC BONDED SEAL ASSORTMENT KIT

### O'Rings



### Cat D Ring and Metric L/S O'Ring Kit

Part Number	Description
ORK-CAT/METRIC	O'RING KIT CAT + DIN L/S

### O'Rings



### ORFS/UNO/SAE Flange O'Ring Kit

Part Number	Description
ORK-ORFS/UNO/SAE	O'RING KIT ORFS, UNO, SAE

## High Pressure Ball Valves

### Straight HPBV

#### Straight HPBV'S



#### Two Way HPBV

Part Number	Pressure Rating/BAR	Bore Size	Female Thread
HPBV-04	500	1/4	1/4 BSPP
HPBV-06	500	3/8	3/8 BSPP
HPBV-08	500	1/2	1/2 BSPP
HPBV-12	400	3/4	3/4 BSPP
HPBV-16	350	1	1 BSPP
HPBV-16-20	350	1	1 1/4 BSPP
HPBV-16-24	350	1	1 1/2 BSPP
HPBV-32	320	2	2 BSPP



## High Pressure Ball Valves

### Three Way HPBV

#### 3 Way HPBV'S

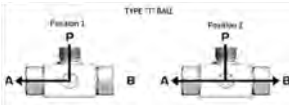
#### L Port



Part Number	Pressure Rating/BAR	Bore Size	Female Thread
HPBV3-04L	500	1/4	1/4 BSPP
HPBV3-06L	500	3/8	3/8 BSPP
HPBV3-08L	500	1/2	1/2 BSPP
HPBV3-12L	400	3/4	3/4 BSPP
HPBV3-16L	350	1	1 BSPP

#### 3 Way HPBV'S

#### T Port



Part Number	Pressure Rating/BAR	Bore Size	Female Thread
HPBV3-04T	500	1/4	1/4 BSPP
HPBV3-06T	500	3/8	3/8 BSPP
HPBV3-08T	500	1/2	1/2 BSPP
HPBV3-12T	400	3/4	3/4 BSPP
HPBV3-16T	350	1	1 BSPP

### HPBV Accessories

#### HPBV Accessories

#### Handles



Part Number	Valve to Suit
HPBV-HANDLE-4-8	1/4 - 1/2
HPBV-HANDLE-12-24	3/4 - 1 1/2
HPBV-HANDLE-32	2



## Taimi Live Swivels

### Straight Swivels

#### Straight Swivels

#### BSP Male/Female



Part Number	Description	Thread Size
SZ-P08M-P08F	SWIVEL M/F BSPP 6250PSI	1/2
SZ-P12M-P12F	SWIVEL M/F BSPP 6250PSI	3/4
SZ-P16M-P16F	SWIVEL M/F BSPP 6250PSI	1
SZ-P20M-P20F	SWIVEL M/F BSPP 6250PSI	1 1/4

#### Straight Swivels

#### BSP Male/Male



Part Number	Description	Thread Size
SZ-P12M-P12M	SWIVEL M BSPP 6250PSI	3/4

#### Straight Swivels

#### JIC Male/Female



Part Number	Description	Thread Size
SZ-J06M-JB06F	SWIVEL M/F JIC 6250PSI	9/16
SZ-J08M-JB08F	SWIVEL M/F JIC 6250PSI	3/4
SZ-J10M-JB10F	SWIVEL M/F JIC 6250PSI	7/8
SZ-J12M-JB12F	SWIVEL M/F JIC 6250PSI	1 1/16
SZ-J16M-JB16F	SWIVEL M/F JIC 6250PSI	1 5/16

#### Straight Swivels

#### JIC Male/Male



Part Number	Description	Thread Size
SZ-J06M-J06M	SWIVEL MALE JIC 6250PSI	9/16

#### Straight Swivels

#### ORFS Male/Female



Part Number	Description	Thread Size
SZ-S08M-S08F	SWIVEL M/F ORFS 6250PSI	13/16
SZ-S12M-S12F	SWIVEL M/F ORFS 6250PSI	1 1/16
SZ-S16M-S16F	SWIVEL M/F ORFS 6250PSI	1 7/16

## Taimi Live Swivels

### Straight Swivels

#### Straight Swivels

#### ORFS Male/Male



Part Number	Description	Thread Size
SZ-S06M-S06M	SWIVEL M ORFS 6250PSI	11/16
SZ-S08M-S08M	SWIVEL M ORFS 6250PSI	13/16
SZ-S12M-S12M	SWIVEL M ORFS 6250PSI	1 3/16
SZ-S16M-S16M	SWIVEL M ORFS 6250PSI	1 7/16

### 90 Degree Swivels

#### 90 Degree Swivels

#### ORFS x UNO Female/Male



Part Number	Description	Thread Size Male	Thread Size Female
SZ90-S12M-B12F	SWIVEL 90 DEG MALE ORFS X F/M ORB 6250PSI	1 3/16	1 1/16

#### 90 Degree Swivels

#### BSPF Male x UNO Female

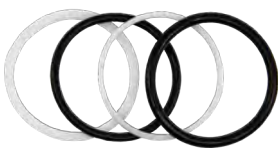


Part Number	Description	Thread Size Male	Thread Size Female
SZ90-P08M-B08F	SWIVEL 90 DEG MALE BSPF X F/M ORB 6250PSI	1/2	3/4
SZ90-P12M-B12F	SWIVEL 90 DEG MALE BSPF X F/M ORB 6250PSI	3/4	1 1/16
SZ90-P16M-B16F	SWIVEL 90 DEG MALE BSPF X F/M ORB 6250PSI	1	1 5/16

### Swivel Accessories

#### Swivel Accessories

#### Taimi Seal Kits



Part Number	Description
SZ-06-001SK-A	SEAL KIT - J06
SZ-08-001SK-A	SEAL KIT - J08
SZ-08-002SK-A	SEAL KIT - S08/P08/F08
SZ-10-001SK-A	SEAL KIT - J10/P10/F10
SZ-12-001SK-A	SEAL KIT - J12/P12/F1
SZ-12-002SK-A	SEAL KIT - S12
SZ-16-001SK-A	SEAL KIT - J16/P16/F16
SZ-16-002SK-A	SEAL KIT - S16

## Test

### Test Kits

#### Test Kits



#### Test Kit Analogue

Part Number	Description
TEST KIT ANALOGUE	3 x GAUGES 3 x TEST HOSE LENGTH: 1.5M - 25MPA - 40MPA - 60MP 6 TEST COUPLINGS: - M10*1 - M14 x 15 - G1/4 - R1/4 - UNF 7/16 - NPT 1/4-18

#### Test Kits



#### Test Kit Digital

Part Number	Description
TEST KIT DIGITAL	2 x DIGITAL GAUGES 700BAR 2 x TEST HOSES 1.5M 2 x COUPLERS - CASE/JOHN DEERE * 1/8BSPP - KOMATSU/HITACHI X M14*1.5F 9 TEST COUPLINGS - 1/8 BSPP - M14*1.5 - 1/4 BSPP - 7/16-20UNF - 3/8 BSPP - 9/16-18UNF - M10*1 - 1/4NPT - M10*1.25

### DN2 Test

#### DN2 Test



#### DN2 Test Hose

Part Number	Description	ID
TESTDN263MPA	DN2 TEST HOSE	2MM

\*Hose Only - Hose tails sold separately

#### DN2 Test



#### DN2 BSP Hose Tails

Part Number	Description	Hose	Thread
TG1/2F	STRAIGHT BSP FEMALE	DN2	1/2 BSPPF (GAUGE)
TG1/2F90	90 DEG BSP FEMALE	DN2	1/2 BSPPF (GAUGE)
TG1/4F	STRAIGHT BSP FEMALE	DN2	1/4 BSPPF (GAUGE)
TG1/4F90	90 DEG BSP FEMALE	DN2	1/4 BSPPF (GAUGE)

#### DN2 Test



#### DN2 Test 20 Hose Tails

Part Number	Description	Hose	Thread
TM16X2F	STRAIGHT TEST 20	DN2	16MM X 2.0 FEMALE
TM16X2F90	90 DEG TEST 20	DN2	16MM X 2.0 FEMALE



## Test

### DN2 Test

#### DN2 Test DN2 JIC Hose Tails



Part Number	Description	Hose	Thread
TJF07F	STRAIGHT JIC FEMALE	DN2	7/16
TJF09F	STRAIGHT JIC FEMALE	DN2	9/16

#### DN2 Test DN2 Metric Hose Tails



Part Number	Description	Hose	Thread
TM06LF	STRAIGHT METRIC FEMALE	DN2	6L (12MM x 1.5)
TM06SF	STRAIGHT METRIC FEMALE	DN2	6S (14MM x 1.5)

#### DN2 Test DN2 Crimp Ferrule



Part Number	Description	Hose
TDN2SHELL	DN2 HOSE CRIMP SHELL	DN2

#### DN2 Test Test Hose Accessories



Part Number	Description
TGPLUG	FERRULE COVER TO SUIT DN2 SHELL
TGCAP	PLASTIC CAP FOR TEST 20 FEMALE

## Test

### Gauges

#### Gauges

#### Analogue Pressure Gauges



63MM - Liquid filled.



Part Number	Description	Pressure PSI	Style
PG63-BE-14.5	PRESSURE GAUGE DN63 1/4 BSPPG	14.5	BOTTOM ENTRY
PG63-BE-23.2	PRESSURE GAUGE DN63 1/4 BSPPG	23.2	BOTTOM ENTRY
PG63-BE-36.25	PRESSURE GAUGE DN63 1/4 BSPPG	36.2	BOTTOM ENTRY
PG63-BE-58	PRESSURE GAUGE DN63 1/4 BSPPG	58	BOTTOM ENTRY
PG63-BE-87	PRESSURE GAUGE DN63 1/4 BSPPG	87	BOTTOM ENTRY
PG63-BE-145	PRESSURE GAUGE DN63 1/4 BSPPG	145	BOTTOM ENTRY
PG63-BE-232	PRESSURE GAUGE DN63 1/4 BSPPG	232	BOTTOM ENTRY
PG63-BE-362.5	PRESSURE GAUGE DN63 1/4 BSPPG	362	BOTTOM ENTRY
PG63-BE-580	PRESSURE GAUGE DN63 1/4 BSPPG	580	BOTTOM ENTRY
PG63-BE-870	PRESSURE GAUGE DN63 1/4 BSPPG	870	BOTTOM ENTRY
PG63-BE-1450	PRESSURE GAUGE DN63 1/4 BSPPG	1450	BOTTOM ENTRY
PG63-BE-2320	PRESSURE GAUGE DN63 1/4 BSPPG	2320	BOTTOM ENTRY
PG63-BE-3625	PRESSURE GAUGE DN63 1/4 BSPPG	3625	BOTTOM ENTRY
PG63-BE-5800	PRESSURE GAUGE DN63 1/4 BSPPG	5800	BOTTOM ENTRY
PG63-BE-8700	PRESSURE GAUGE DN63 1/4 BSPPG	8700	BOTTOM ENTRY
PG63-RE-14.5	PRESSURE GAUGE DN63 1/4 BSPPG	14.5	REAR ENTRY
PG63-RE-23.2	PRESSURE GAUGE DN63 1/4 BSPPG	23.2	REAR ENTRY
PG63-RE-36.25	PRESSURE GAUGE DN63 1/4 BSPPG	36.2	REAR ENTRY
PG63-RE-58	PRESSURE GAUGE DN63 1/4 BSPPG	58	REAR ENTRY
PG63-RE-87	PRESSURE GAUGE DN63 1/4 BSPPG	87	REAR ENTRY
PG63-RE-145	PRESSURE GAUGE DN63 1/4 BSPPG	145	REAR ENTRY
PG63-RE-232	PRESSURE GAUGE DN63 1/4 BSPPG	232	REAR ENTRY
PG63-RE-362.5	PRESSURE GAUGE DN63 1/4 BSPPG	362	REAR ENTRY
PG63-RE-580	PRESSURE GAUGE DN63 1/4 BSPPG	580	REAR ENTRY
PG63-RE-870	PRESSURE GAUGE DN63 1/4 BSPPG	870	REAR ENTRY
PG63-RE-1450	PRESSURE GAUGE DN63 1/4 BSPPG	1450	REAR ENTRY
PG63-RE-2320	PRESSURE GAUGE DN63 1/4 BSPPG	2320	REAR ENTRY
PG63-RE-3625	PRESSURE GAUGE DN63 1/4 BSPPG	3625	REAR ENTRY
PG63-RE-5800	PRESSURE GAUGE DN63 1/4 BSPPG	5800	REAR ENTRY
PG63-RE-8700	PRESSURE GAUGE DN63 1/4 BSPPG	8700	REAR ENTRY

## Test

### Gauges

#### Gauges Digital Pressure Gauge



Part Number	Description	BAR	Style
PG-DG80-700BAR	DIGITAL PRESSURE GAUGE	700	BOTTOM ENTRY

### Gauge Accessories

#### Gauges Gauge Adaptor to BSPT Male



Part Number	Description	BSPF (Gauge)	BSPT M
QAAE04G	GAUGE ADAPTOR TO BSPT MALE	1/4	1/4

#### Gauge Accessories Protective Boot



Part Number	Description
DIGIBOOT	DIGITAL TEST GAUGE BOOT 80MM

Gauge protector to suit Digital Gauge.  
\*Skin only - Gauge not included.

#### Gauge Accessories Gauge Bracket



Part Number	Description	Style
PG63-RE-GB	PRESSURE GAUGE BRACKET DN63	TO FIT REAR ENTRY

## Test

### Diagnostic Test Points

#### Diagnostic Test Points

#### Male Test 20



Interchanges with Stauff Test 20, Parker EMA3 series.

Part Number	Pressure Rating/ BAR	Female Thread	Rated Flow Rate L/M
KQTPD02	620	1/8 BSPPM	0.8
KQTPD04	620	1/4 BSPPM	0.8
KQTPE04	620	1/4 BSPTM	0.8
KQTPK07	620	7/16 JIC F	0.8
KQTTP07	620	7/16 UNO M	0.8
KQTTP09	620	9/16 UNO M	0.8
KQTPR10X1	620	M10*1.0	0.8
KQTPR10X1.25	620	M10*1.25	0.8
KQTPR12X1.5	620	M12*1.5	0.8
KQTPR14X1.5	620	M14*1.5	0.8
KQTPR16X1.5	620	M16*1.5	0.8

#### Diagnostic Test Points

#### Female Test 20



KQTFAS04	620	1/4 BSPPF (GAUGE)	0.8
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#### Diagnostic Test Points

#### ISO15171 / SAEJ1502 420 BAR



Interchanges with Inteva 136 series, Faster DF series, Parker PD series.

Part Number	Pressure Rating/ BAR	Thread Style	Rated Flow Rate L/M	ISO Coupler Body Size	Male Tip Diameter $\phi$
KQFFTP-04F-BSPP	400	1/4 BSPP F	2	6.3	12.60
KQFFTP-04F-BSPTF	400	1/4 BSPT F	2	6.3	12.60
KQFFTP-04M-BSPTM	400	1/4 BSPT M	2	6.3	12.60
KQFFTP-04F-UNO	400	7/16 UNO F	2	6.3	12.60
KQFFTP-04M-UNO	400	7/16 UNO M	2	6.3	12.60
KQFFTP-04F-NPTF	400	1/4 NPT F	2	6.3	12.60
KQFFTP-04M-NPTM	400	1/4 NPT M	2	6.3	12.60

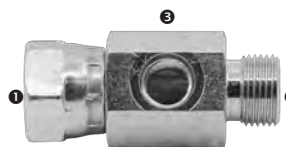


## Test

### Test Tees

#### Test Tees

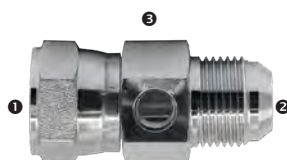
#### BSPP Female x BSPP Male x UNO Female



Part Number	1 BSPP F	2 BSPP M	3 UNO F
QTEADPFS040407	1/4	1/4	7/16
QTEADPFS060607	3/8	3/8	7/16
QTEADPFS080807	1/2	1/2	7/16
QTEADPFS121207	3/4	3/4	7/16
QTEADPFS161607	1	1	7/16

#### Test Tees

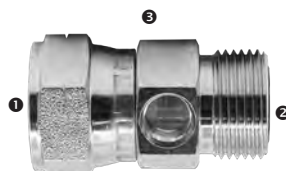
#### JIC Female Swivel x JIC Male x UNO Female



Part Number	1 JIC F S/W	2 JIC M	3 UNO F
QTEKL PFS07	7/16	7/16	7/16
QTEKL PFS090907	9/16	9/16	7/16
QTEKL PFS121207	3/4	3/4	7/16
QTEKL PFS141407	7/8	7/8	7/16
QTEKL PFS171707	1 1/16	1 1/16	7/16
QTEKL PFS212107	1 5/16	1 5/16	7/16
QTEKL PFS262607	1 5/8	1 5/8	7/16

#### Test Tees

#### ORFS Female x ORFS Male x UNO Female



Part Number	1 ORFS F	2 ORFS M	3 UNO F
QTEVWPFS090907	9/16	9/16	7/16
QTEVWPFS111107	11/16	11/16	7/16
QTEVWPFS131307	13/16	13/16	7/16
QTEVWPFS161607	1	1	7/16
QTEVWPFS191907	1 3/16	1 3/16	7/16
QTEVWPFS232307	1 7/16	1 7/16	7/16



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**TAIPAN**  
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# SECTION 6 HOSE ASSEMBLY EQUIPMENT





# Hose Assembly Equipment

## Hand/Air Operated Crimper Guide

3/4" / Two Wire



H19MM | Page 346

1" / Two Wire



H25 MINI | Page 347



H25MM | Page 348

1 1/4" / Two Wire

1 1/4" / Four Wire



H32MM | Page 349

# Hose Assembly Equipment

## Electrically Operated Crimper Guide

1 ¼" / Four Wire



H32 RANGE | Page 350



H32 MOBILE RANGE | Page 350

1 ¼" / Six Wire

2" / Four Wire



H50 RANGE | Page 351



H50 MOBILE RANGE | Page 351

1 ½" / Six Wire

2" / Four Wire



H50-46 RANGE | Page 352


















H50-46 MOBILE RANGE  
Page 352

2" / Six Wire



H50-6 RANGE | Page 353

## Hose Assembly Equipment

<b>Cut Off Saws</b>	Workshop	Mobile	Floor Mounted	Floor Mounted
	 <b>E-HCL</b>   Page 354	 <b>E-HCLMOBILE</b>   Page 354	 <b>OP-TAGLTF3D</b>   Page 355	 <b>E-HCC3</b>   Page 355
<b>Flare Tool</b>	Tube Flarer	<b>Crimper Accessories</b>		Foam Inserts
	 <b>E-HF3</b>   Page 356			 <b>E-FOAMINSERT</b>   Page 357
		Seal Kits		
		 <b>E-SEALKIT</b>   Page 357		
Spring Kits	Quick Change Tools	Calibrators	<b>Hose Assembly Accessories</b>	
 <b>E-SPRINGKIT</b>   Page 357	 <b>E-QCT</b>   Page 358	 <b>E-CALIBRATOR</b>   Page 358	 <b>CES10</b>   Page 359	
Spiral Guard Tool	Thread Gauge Kit	Foam Bullets	FCC Crimp Rings	MORE PRODUCTS COMING SOON
 <b>WRAPMAN</b>   Page 359	 <b>TAIPAN-TGK</b>   Page 359	 <b>FB</b>   Page 360	 <b>FCC</b>   Page 360	

**HOSE ASSEMBLY EQUIPMENT**  
Quick Reference





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- Install info
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- Events

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**TAIPAN**  
Hydraulic Hose Systems



## Hand/Air Operated Crimpers

### H19MM

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
S07*	7.0 - 9.9	40	18
S10*	10.0 - 12.9	40	22
S13*	13.0 - 15.9	40	25
S1605	16.0 - 18.9	40	28
S19	19 - 20.9	40	31
S21	21.0 - 23.9	50	33
S24	24.0 - 27.9	50	36
S28	28.0 - 33.9	50	40

\*Non-standard die set - sold separately.



E-H19MM

### Specifications

Crimping Range	6mm - 34mm	
Max Crimping Force	900 KN / 90 TON	
Hose Capacity	3/16"-3/4" Two Wire	
Max Opening (MM) *	+13	
Max Work Opening (MM) **	+12	
Calibration	Dial micrometer	
Operation	Twin speed hand pump with integrated relief valve	Air over hydraulic pump (690 bar/10,000 psi)
Net Weight	20kg	22kg
Gross Weight	26kg	28kg
Dimensions	265mm x 523mm x 210mm	165mm x 280mm x 210mm

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.

## Hand/Air Operated Crimpers

### H25MINI

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
A06*	6.0 - 7.9	40	18
A08*	8.0 - 9.9	40	20
A10*	10.0 - 12.9	40	22
A13*	13.0 - 15.9	40	25
A160S	16.0 - 20.9	55	28
A21	21.0 - 23.9	50	33
A24	24.0 - 27.9	50	36
A28	28.0 - 30.9	60	40
A31	31.0 - 33.9	60	43
A34	34.0 - 39.9	60	46
A40	40.0 - 45.9	60	52
A42*	42.0 - 47.9	65	54

\*Non-standard die set - sold separately.



E-H25MINI



E-H25MINI-HANDPUMP

### Specifications

Crimping Range	6mm - 46mm	
Max Crimping Force	1000 KN / 100 Ton	
Hose Capacity	3/16" - 1" Two Wire 3/16" - 1" Four Wire ***	
Max Opening (MM) *	+24	
Max Work Opening (MM) **	+12	
Calibration	Dial micrometer	
Operation	Twin speed hand pump with integrated relief valve	Air over hydraulic pump (690 bar/10,000 psi)
Net Weight	38kg	40kg
Gross Weight	48kg	50kg
Dimensions	364mm x 524mm x 312mm	287mm x 231mm x 274mm

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.

\*\*\* 1" Four wire can only be crimped with a special die set A42

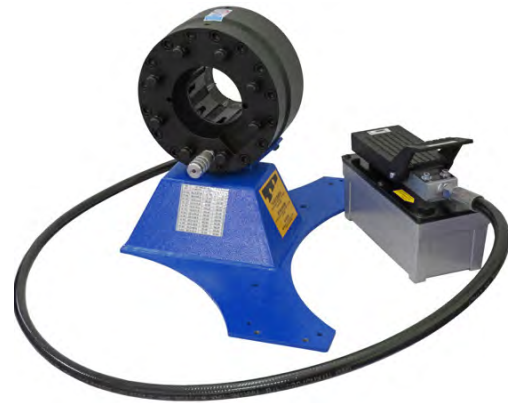
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## Hand/Air Operated Crimpers

### H25MM

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
H06*	06.0 - 07.9	40	18
H08*	08.0 - 09.9	40	20
H10*	10.0 - 12.9	40	22
H13*	13.0 - 15.9	40	25
H160S	16.0 - 18.9	55	28
H19	19.0 - 20.9	40	31
H21	21.0 - 23.9	40	33
H24	24.0 - 27.9	50	36
H28	28.0 - 30.9	60	40
H31	31.0 - 33.9	60	43
H34	34.0 - 39.9	70	46
H40	40.0 - 43.9	70	52
H44	44.0 - 49.9	70	56
H50	50.0 - 54.4	75	62



E-H25MM



E-H25MM-HANDPUMP

\*Non-standard die set - sold separately.

### Specifications

<b>Crimping Range</b>	6mm - 58mm	
<b>Max Crimping Force</b>	1400 KN / 140 Ton	
<b>Hose Capacity</b>	3/16"-1 1/4" Two Wire 3/16"-1" Four Wire	
<b>Max Opening (MM) *</b>	+31	
<b>Max Work Opening (MM) **</b>	+12	
<b>Calibration</b>	Dial micrometer	
<b>Operation</b>	Twin speed hand pump with integrated relief valve	Air over hydraulic pump (690 bar/10,000 psi)
<b>Net Weight</b>	60kg	62kg
<b>Gross Weight</b>	70kg	52kg
<b>Dimensions</b>	394mm x 788mm x 360mm	

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.

## Hand/Air Operated Crimpers

### H32MM

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
H06*	06.0 - 07.9	40	18
H08*	08.0 - 09.9	40	20
H10*	10.0 - 12.9	40	22
H13*	13.0 - 15.9	40	25
H160S	16.0 - 18.9	55	28
H19	19.0 - 20.9	40	31
H21	21.0 - 23.9	40	33
H24	24.0 - 27.9	50	36
H28	28.0 - 30.9	60	40
H31	31.0 - 33.9	60	43
H34	34.0 - 39.9	70	46
H40	40.0 - 43.9	70	52
H44	44.0 - 49.9	70	56
H50	50.0 - 54.4	75	62



**E-H32MM**

\*Non-standard die set - sold separately.

### Specifications

<b>Crimping Range</b>	6mm - 58mm
<b>Max Crimping Force</b>	1750KN / 175 Ton
<b>Hose Capacity</b>	3/16"-1 1/4" Four Wire
<b>Max Opening (MM) *</b>	+31
<b>Max Work Opening (MM) **</b>	+12
<b>Calibration</b>	Dial micrometer
<b>Operation</b>	Air over hydraulic pump [690 bar/10,000 psi]
<b>Net Weight</b>	77kg
<b>Gross Weight</b>	87kg
<b>Dimensions</b>	413mm x 809mm x 383mm

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.



## Electrically Operated Crimpers

### H32

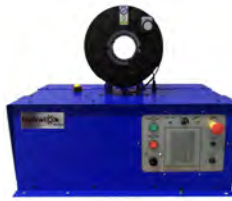
Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
H06*	06.0 - 07.9	40	18
H08*	08.0 - 09.9	40	20
H10*	10.0 - 12.9	40	22
H13*	13.0 - 15.9	40	25
H160S	16.0 - 18.9	55	28
H19	19.0 - 20.9	40	31
H21	21.0 - 23.9	40	33
H24	24.0 - 27.9	50	36
H28	28.0 - 30.9	60	40
H31	31.0 - 33.9	60	43
H34	34.0 - 39.9	70	46
H40	40.0 - 43.9	70	52
H44	44.0 - 49.9	70	56
H50	50.0 - 54.4	75	62



E-H32MOBILE 12V or 24V



Optional drawer set for mobile



E-H32ECO



E-H32HYDRA



E-H32MODULAR



Die Rack & Quick Change Tool

\*Non-standard die set - sold separately.

## Specifications

<b>Crimping Range</b>	6mm - 58mm
<b>Max Crimping Force</b>	1750KN / 175 Ton
<b>Hose Capacity</b>	3/16" - 1 1/4" Four Wire
<b>Max Opening (MM) *</b>	+31
<b>Max Work Opening (MM) **</b>	+12

	H32MOBILE	H32MODULAR	H32ECO	H32HYDRA
<b>Calibration</b>	Dial calibrator	Dial calibrator	Dial calibrator	Touchscreen
<b>Motor</b>	1.8KW	1.8 KW	2.2KW	2.2KW
<b>Power</b>	12V or 24V	12V or 24V	220V 1 Ph 50HZ	220V 1 Ph 50HZ
<b>Net Weight</b>	91kg		124kg	124kg
<b>Gross Weight</b>	101kg		134kg	134kg
<b>Dimensions</b>	530mm x 470mm x 475mm		750mm x 453mm x 630mm	750mm x 453mm x 630mm
<b>Die Rack</b>	N/A	N/A	1 Rack 10 die pots	1 Rack 10 die pots
<b>Drawer Set</b>	Optional	N/A	N/A	N/A
<b>Quick Change Tool</b>	Optional	Optional	Yes	Yes
<b>Foot Pedal</b>	N/A	N/A	N/A	Optional

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.



# Electrically Operated Crimpers

## H50

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
L06*	06.0 - 07.9	40	18
L08*	08.0 - 09.9	40	20
L10*	10.0 - 12.9	40	22
L13*	13.0 - 15.9	40	25
L160S	16.0 - 18.9	55	28
L19	19.0 - 20.9	40	31
L21	21.0 - 23.9	40	33
L24	24.0 - 27.9	50	52
L28	28.0 - 30.9	60	40
L31	31.0 - 33.9	60	43
L34	34.0 - 39.9	70	46
L40	40.0 - 43.9	70	52
L44	44.0 - 49.9	70	56
L50	50.0 - 54.4	80	62
L54.5	54.5 - 57.9	80	67
L58	58.0 - 61.9	105	70
L62	62.0 - 69.9	110	74
L70	70.0 - 76.9	110	82

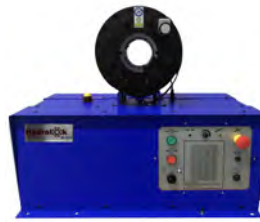
\*Non-standard die set - sold separately.



E-H50MOBILE 12V or 24V



Optional drawer set for mobile



E-H50ECO



E-H50HYDRA



Die Rack & Quick Change Tool

## Specifications

<b>Crimping Range</b>	6mm - 76mm		
<b>Max Crimping Force</b>	2509 KN / 250 Ton		
<b>Hose Capacity</b>	3/16" - 2" Four Wire 1 1/4" Six Wire		
<b>Max Opening (MM) *</b>	+35		
<b>Max Work Opening (MM) **</b>	+12		

	H50MOBILE	H50ECO	H50HYDRA
<b>Calibration</b>	Dial calibrator	Dial calibrator	Touchscreen
<b>Motor</b>	1.8KW	2.2KW	2.2KW
<b>Power</b>	12V or 24V	220V 1 Ph 50HZ	220V 1 Ph 50HZ
<b>Net Weight</b>	111kg	159kg	159kg
<b>Gross Weight</b>	121kg	169kg	169kg
<b>Dimensions</b>	530mm x 470mm x 525mm	750mm x 453mm x 680mm	750mm x 453mm x 680mm
<b>Die Rack</b>	N/A	1 Rack 14 Pots	1 Rack 14 Pots
<b>Drawer Set</b>	Optional	N/A	N/A
<b>Quick Change Tool</b>	Optional	Included	Included
<b>Foot Pedal</b>	N/A	N/A	Optional

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.

## Electrically Operated Crimpers

### H50-46

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
M06*	06.0 - 07.9	40	18
M08*	08.0 - 09.9	40	20
M10*	10.0 - 12.9	40	22
M13*	13.0 - 15.9	40	25
M160S	16.0 - 18.9	55	28
M19	19.0 - 20.9	40	31
M21	21.0 - 23.9	50	33
M24	24.0 - 27.9	50	36
M28	28.0 - 30.9	50	40
M31	31.0 - 33.9	60	43
M34	34.0 - 39.9	70	46
M40	40.0 - 43.9	85	52
M44	44.0 - 49.9	80	56
M50	50.0 - 54.4	80	62
M54.5	54.5 - 57.9	100	66.5
M58	58.0 - 61.9	105	70
M62	62.0 - 69.9	110	74
M70	70.0 - 76.9	110	82
M77	77.0 - 83.0	120	89



E-H5046MOBILE 12V or 24V



Optional Drawer Set



E-H5046ECO



E-H5046HYDRA



E-H5046MODULAR-12V



Die Rack & Quick Change Tool

\*Non-standard die set - sold separately.

## Specifications

<b>Crimping Range</b>	6mm - 83mm			
<b>Max Crimping Force</b>	3195 KN / 319 Ton			
<b>Hose Capacity</b>	3/16" -2" Four Wire 3/16" -1 1/2" Six Wire			
<b>Max Opening (MM) *</b>	+25			
<b>Max Work Opening (MM) **</b>	+12			

	H50-46MOBILE	H50-46MODULAR	H50-46ECO	H50-46HYDRA
<b>Calibration</b>	Dial calibrator	Dial calibrator	Dial calibrator	Touchscreen
<b>Motor</b>	1.8KW	1.8KW	2.2KW	2.2KW
<b>Power</b>	12V or 24V	12V or 24V	220V 1 Ph 50HZ	220V 1 Ph 50HZ
<b>Net Weight</b>	111kg		194kg	194kg
<b>Gross Weight</b>	121kg		204kg	204kg
<b>Dimensions</b>	530mm x 470mm x 525mm		750mm x 453mm x 716mm	750mm x 453mm x 716mm
<b>Die Rack</b>	N/A	N/A	1 Rack 15 Pots	1 Rack 15 Pots
<b>Drawer Set</b>	Optional	N/A	N/A	N/A
<b>Quick Change Tool</b>	Optional	Optional	Included	Included
<b>Foot Pedal</b>	N/A	N/A	N/A	Optional

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.





## Electrically Operated Crimpers

### H50-6

Die No.	Range (MM)	Length (MM)	Max Ferrule dia. (MM)
M06*	06.0 - 07.9	40	18
M08*	08.0 - 09.9	40	20
M10*	10.0 - 12.9	40	22
M13*	13.0 - 15.9	40	25
M160S	16.0 - 18.9	55	28
M19	19.0 - 20.9	40	31
M21	21.0 - 23.9	50	33
M24	24.0 - 27.9	50	36
M28	28.0 - 30.9	50	40
M31	31.0 - 33.9	60	43
M34	34.0 - 39.9	70	46
M40	40.0 - 43.9	85	52
M44	44.0 - 49.9	80	56
M50	50.0 - 54.4	80	62
M54.5	54.5 - 57.9	100	66.5
M58	58.0 - 61.9	105	70
M62	62.0 - 69.9	110	74
M70	70.0 - 76.9	110	82
M77	77.0 - 83.0	120	89



E-H506ECO



E-H506HYDRA



Die Rack & Quick Change Tool

\*Non-standard die set - sold separately.

## Specifications

<b>Crimping Range</b>	6mm - 83mm	
<b>Max Crimping Force</b>	4500 KN / 450 Ton	
<b>Hose Capacity</b>	3/16"-2" Six Wire	
<b>Max Opening (MM) *</b>	+47	
<b>Max Work Opening (MM) **</b>	+12	
	<b>H506ECO</b>	<b>H506HYDRA</b>
<b>Calibration</b>	Dial calibrator	Touchscreen
<b>Motor</b>	2.2KW	2.2KW
<b>Power</b>	220V 1 Ph 50HZ	220V 1 Ph 50HZ
<b>Net Weight</b>	245kg	245kg
<b>Gross Weight</b>	255kg	255kg
<b>Dimensions</b>	750mm x 453mm x 795mm	750mm x 453mm x 795mm
<b>Die Rack</b>	1 Rack 15 Pots	1 Rack 15 Pots
<b>Quick Change Tool</b>	Included	Included
<b>Foot Pedal</b>	Optional	Included

\* The maximum opening of the machine is the result of the sum of this value and the nominal size master die set used.

\*\* The maximum starting diameter is the result of the sum of this value and the nominal size master die set used.

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## Cut Off Saws

### E-HCL



Part Number	Description
E-HCL240V	240V Cut Off Saw
E-HCL3PH	380V Cut Off Saw

### Specifications

Cutting Range (mm/inch)	3/16" - 2" One & Two Wire 3/16" - 1 1/4" Four Wire
Motor	2.2KW
Power	240V 1 PH 50 HZ or 380V 3PH 50 HZ
Rotational Speed	1420 RPM
Slotted Blade Size	Ø 250mm x 3mm x 25mm
Extraction Port Size	Ø 51mm
Net Weight	42kg
Gross Weight	52kg
Dimensions	405mm x 385mm x 435mm

### E-HCLMOBILE



Part Number	Description
E-HCLMOBILE12V	12V Cut Off Saw
E-HCLMOBILE24V	24V Cut Off Saw

### Specifications

Cutting Range (MM/inch)	3/16" - 1 1/2" One & Two Wire 3/16" - 1 1/4" Four Wire
Motor	1.8KW
Power	12V or 24V
Slotted Blade Size	Ø 250mm x 3mm x 25mm
Extraction Port Size	Ø 51mm
Net Weight	23kg
Gross Weight	29kg
Dimensions	320mm x 470mm x 445mm

## Cut Off Saws

### OP-TAGLTF3D - Manual Foot Pedal



#### Specifications

Cutting Range (mm/inch)	3/16" - 2" Six Wire
	3/16" - 2 1/2" Four Wire
	3/16" - 3" Two Wire
Motor	5.5KW
Power	400V 3PH 50HZ
Rotational speed	2900 RPM
Cutting Mechanism	Mechanical Foot Pedal
Slotted Blade Size	Ø 400mm
Extraction Port Size	Ø 100mm
Net Weight	190kg
Dimensions	1000mm x 710mm x 1150 mm

### E-HCC3 - Pneumatic Foot Pedal



#### Specifications

Cutting Range (mm/inch)	3/16" - 2" One & Two Wire
	3/16" - 1 1/2" Six Wire
Motor	5.5KW
Power	400V 3PH 50HZ
Rotational Speed	2900 RPM
Cutting Mechanism	Pneumatic Foot Pedal
Air Supply	8 Bar
Slotted Blade Size	Ø 350mm
Extraction Port Size	Ø 100mm
Net Weight	160kg
Dimensions	1013mm x 520mm x 1135mm

# Flare Tool

## Hydraflare

### Specifications

<b>Tube Capacity</b>	6mm - 42mm / 1/4" - 1 1/2"
<b>Calibration</b>	Bourdon pressure gauge
<b>Operation</b>	Twin speed hand pump with integrated relief valve (690 bar/10,000 psi)
<b>Net Weight</b>	30kg
<b>Gross Weight</b>	36kg
<b>Dimensions</b>	419mm x 280mm x 250mm

### Metric Die Size (Available on request)

Part Number	Description
PF1-DIES-06M	Flaring die 6mm
PF1-DIES-08M	Flaring die 8mm
PF1-DIES-10M	Flaring die 10mm
PF1-DIES-12M	Flaring die 12mm
PF1-DIES-14M	Flaring die 14mm
PF1-DIES-15M	Flaring die 15mm
PF1-DIES-16M	Flaring die 16mm
PF1-DIES-18M	Flaring die 18mm
PF1-DIES-20M	Flaring die 20mm
PF1-DIES-22M	Flaring die 22mm
PF1-DIES-25M	Flaring die 25mm
PF3-DIES-28M	Flaring die 28mm
PF3-DIES-30M	Flaring die 30mm
PF3-DIES-35M	Flaring die 35mm
PF3-DIES-38M	Flaring die 38mm
PF3-DIES-42M	Flaring die 42mm



*\*Dies not included  
\*Optional drawer*

### Imperial Die Size

Part Number	Description
PF1-DIES-04I	Flaring die 1/4"
PF1-DIES-05I	Flaring die 5/16"
PF1-DIES-06I	Flaring die 3/8"
PF1-DIES-08I	Flaring die 1/2"
PF1-DIES-10I	Flaring die 5/8"
PF1-DIES-12I	Flaring die 3/4"
PF1-DIES-14I	Flaring die 7/8"
PF1-DIES-16I	Flaring die 1"
PF3-DIES-20I	Flaring die 1 1/4"
PF3-DIES-24I	Flaring die 1 1/2"



## Crimper Accessories

### Foam Inserts



Recommended to extend head life by reducing foreign object/material entering swaging ring cavity.

Part Number	Description	Bag Qty
E-H19FOAMINSERT	FOAM INSERTS FOR H19 CRIMPER	8
E-H25MINIFOAMINSERT	FOAM INSERTS FOR H25 CRIMPER	8
E-H32FOAMINSERT	FOAM INSERTS FOR H32 CRIMPER	8
E-H50FOAMINSERT	FOAM INSERTS FOR H50 CRIMPER	8
E-H5046FOAMINSERT	FOAM INSERTS FOR H50-46 CRIMPER	8
E-H506FOAMINSERT	FOAM INSERTS FOR H50-6 CRIMPER	8

### Seal Kits



Part Number	Description
E-SEALKITDS8	DS8 SEAL KIT
E-SEALKITFOOTPUMP	AIR OVER HYD FOOT PUMP SEAL KIT
E-SEALKITH19MM	CRIMPER SEAL KIT H19MM
E-SEALKITH25MINI	CRIMPER SEAL KIT H25MINI
E-SEALKITH25MM	CRIMPER SEAL KIT H25MM
E-SEALKITH32	CRIMPER SEAL KIT H32
E-SEALKITH50	CRIMPER SEAL KIT H50
E-SEALKITH5046	CRIMPER SEAL KIT H5046
E-SEALKITH506	CRIMPER SEAL KIT H506

### Spring Kits



Part Number	Description
E-SPRINGKITDS8	DS8 SPRING KIT
E-SPRINGKITH19MM	H19MM SPRING KIT
E-SPRINGKITH25MINI	H25MINI SPRING KIT
E-SPRINGKITH25MM	H25MM SPRING KIT
E-SPRINGKITH32	H32 SPRING KIT
E-SPRINGKITH50	H50 SPRING KIT
E-SPRINGKITH5046	H5046 SPRING KIT



## Crimper Accessories

### Quick Change Tools



Part Number	Description	Voltage
E-QCT-H32-12V	QUICK CHANGE TOOL FOR H32	12V
E-QCT-H32-24V	QUICK CHANGE TOOL FOR H32	24V/ 240V
E-QCT-H50-12V	QUICK CHANGE TOOL FOR H50	12V
E-QCT-H50-24V	QUICK CHANGE TOOL FOR H50	24V/ 240V
E-QCT-H5046-12V	QUICK CHANGE TOOL FOR H5046	12V
E-QCT-H5046-24V	QUICK CHANGE TOOL FOR H5046	24V/ 240V

### Calibrators



Part Number	Description
E-CALIBRATORH25MINI	CALIBRATING ASSEMBLY TO SUIT H25MINI
E-CALIBRATORH32	CALIBRATING ASSEMBLY TO SUIT H25/32
E-CALIBRATORH50	CALIBRATING ASSEMBLY TO SUIT H50
E-CALIBRATORH5046	CALIBRATING ASSEMBLY TO SUIT H50-46
E-CALIBRATORH506	CALIBRATING ASSEMBLY TO SUIT H50-6

## Hose Assembly Accessories

### Hose Cleaning Kit



Part Number	Description
CES10	HOSE CLEANING KIT 6MM TO 50MM C.W 10 NOZZLES

### Spiral Guard Application Tool



Part Number	Description
WRAPMAN	SPIRAL GUARD INSTALLATION TOOL

### Thread Gauge Kit



Part Number	Description
TAIPAN-TGK	TAIPAN THREAD GAUGE KIT (BATTERY NOT INCLUDED - LR44H-1.5V)

## Hose Assembly Accessories

### Foam Bullets



Standard projectile material - Polyurethane.

Part Number	Description	Bag Qty
FB07	1/4 FOAM BULLET 25T X 6MM	100
FB09	1/4 FOAM BULLET 25T X 9MM	100
FB11	3/8 FOAM BULLET 25T X 11MM	100
FB14	1/2 FOAM BULLET 25T X 14MM	100
FB21	3/4 FOAM BULLET 30T X 21MM	100
FB27	1 FOAM BULLET 30T X 27MM	50
FB27L	1 FOAM BULLET 50T X 27MM	50
FB33	1 1/4 FOAM BULLET 40T X 33MM	50
FB40	1 1/2 FOAM BULLET 45T X 40MM	50
FB40L	1 1/2 FOAM BULLET 50T X 40MM	50
FB53	2 INCH FOAM BULLET 50T X 53MM	20

### FCC Crimp Rings - For Sleeve



Part Number	Description
FCC04	25MM
FCC006/08	32MM
FCC10/12	38MM
FCC16	48MM
FCC20	59MM
FCC24	65MM
FCC32	82MM





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**TAIPAN**  
Hydraulic Hose Systems





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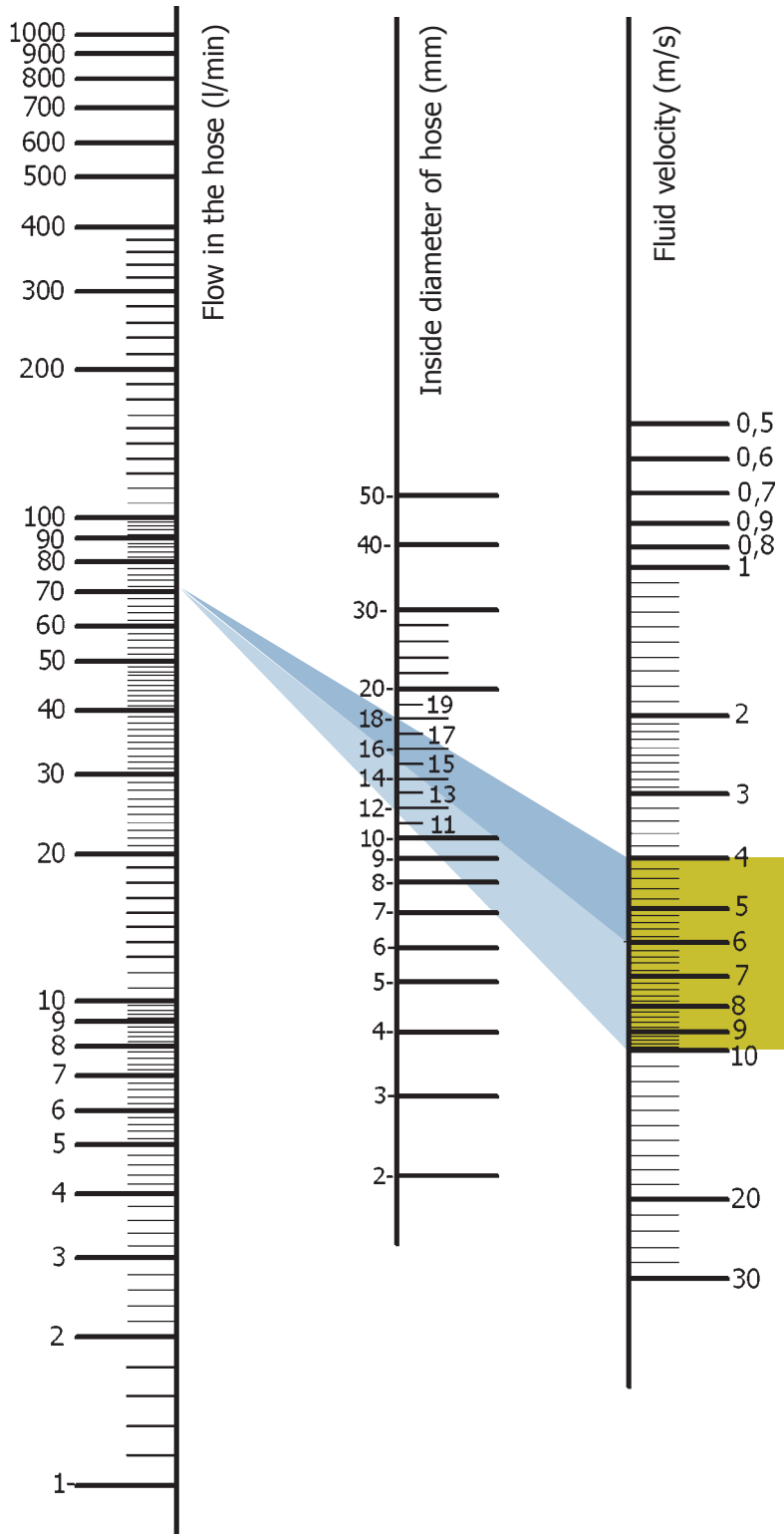


*SECTION 7*  
**TECHNICAL INFORMATION**



## Hose Flow Chart

**How to use this chart:** Determine the proper flow rate that your system requires, then connect a straight edge from the selected flow rate to the recommended velocity range. The required hose I.D. will appear at the intersection of the straight edge and the centre column. If the straight edge passes through the scale between sizes listed, use the next largest I.D. hose.





## Flange & Adaptor Torque Recommendation

### For DIN 2353 12°, 30° and Universal Inverted Cone

Size O.D mm		Ft. Lbs.		Newton-meters	
Light Series Tube	Heavy Series Tube	Min.	Max.	Min.	Max.
-6	-	7	15	10	20
-8	-	15	26	20	35
-10	-8	18	30	25	40
-12	-10	22	33	30	45
-14	-12	26	37	35	50
-15	-14	30	52	40	70
-	-16	30	52	40	70
-18	-	44	74	60	100
-22	-20	59	89	80	120
-28	-25	74	111	100	150
-	-30	74	162	150	220
-35	-	133	184	180	250
-42	-38	148	221	200	300

### For BSP 30° Inverted Cone

Size		Ft. Lbs.		Newton-meters	
Dash	Inch	Min.	Max.	Min.	Max.
-2	1/8	7	9	9	12
-4	1/4	11	18	15	24
-6	3/8	19	28	26	38
-8	1/2	30	36	41	49
-10	5/8	37	44	50	60
-12	3/4	50	60	68	81
-16	1	79	95	107	129
-20	1 1/4	127	152	172	206
-24	1 1/2	167	190	226	258
-32	2	262	314	355	426

### For Flat-Face O'Ring Seal (Steel)

Size		Ft. Lbs.		Newton-meters	
Dash	Inch	Min.	Max.	Min.	Max.
-4	1/4	18	20	25	28
-6	3/8	29	32	40	44
-8	1/2	41	45	55	61
-10	5/8	44	49	60	66
-12	3/4	66	73	90	99
-16	1	92	101	125	138
-20	1 1/4	125	138	170	187
-24	1 1/2	147	162	200	220

### For 4-Bolt Flange Connections

Bolt Size	Line Size	Torque Nm	Torque Lb-Ft
.31	-8	23	17
.38	-12	35	26
.44	-16	58	43
.50	-20	88	65
.63	-24	176	130
.75	-32	298	220

#### Notes:

1. The 4-bolt flange seal is a face seal. The shoulder which contains the seal must fit squarely against the mating surface and be held there with even tension on all bolts.
2. Torque values apply to plated bolts and bolts with light engine oil.
3. Lubricate o-ring with a light oil (SAE 10W or 20W) before assembly.
4. Finger tighten all four bolts making sure the flange and fitting shoulder are started square.
5. Tighten all bolts evenly by partially tightening each bolt and repeating the sequence until all bolts are tightened to the specific torque in the table.

### Maximum Recommended Torque for Dry NPTF (Tapered) Pipe Threads\*

Size	Ft-Lbs.	Newton-Meters
2	20	25
4	25	35
6	35	45
8	45	60
12	55	75
16	65	90
20	80	110
24	95	130
32	120	160

#### \*Notes:

1. The torque values obtained from tightening pipe threads can vary considerably depending on thread condition. Adequate sealing can occur at values much lower than the maximum values listed above. Only enough torque to achieve adequate sealing should be applied.
2. When using a male tapered pipe thread with a female straight or parallel pipe thread, maximum values are 50% of those listed in the table.
3. If thread sealant is used, maximum values shown should be decreased by 25%.



## Flange & Adaptor Torque Recommendation

### For 37° & 45° (Machined or Flared)

Size		Steel				Brass			
Dash	Inch	Ft. Lbs.		Newton-meters		Ft. Lbs.		Newton-meters	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
-4	1/4	10	11	13	15	5	6	6 3/4	9
-5	5/16	13	15	18	20	7	9	10	13
-6	3/8	17	19	23	26	12	15	17	20
-8	1/2	34	38	47	52	20	24	27 2/3	33
-10	5/8	50	56	69	76	34	40	46 1/3	55
-12	3/4	70	78	96	106	53	60	72 1/3	82
-16	1	94	104	127	141	74	82	100 1/2	111
-20	1 1/4	124	138	169	188	75	83	101 1/2	113
-24	1 1/2	156	173	212	235	79	87	107	118
-32	2	219	243	296	329	158	175	214	237

### For SAE O-Ring Boss (Steel)

Size		Ft. Lbs.		Newton-meters		Ft. Lbs.		Newton-meters	
Dash	Inch	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
-3	3/16	-	-	-	-	8	10	11	13
-4	1/4	14	16	20	22	14	16	20	22
-5	5/16	-	-	-	-	18	20	24	27
-6	3/8	24	26	33	35	24	26	33	35
-8	1/2	37	44	50	60	50	60	68	78
-10	5/8	50	60	68	81	72	80	98	110
-12	3/4	75	83	101 1/2	113	125	135	170	183
-14	7/8	-	-	-	-	160	180	215	245
-16	1	111	125	150	170	200	220	270	300
-20	1 1/4	133	152	180	206	210	280	285	380
-24	1 1/2	156	184	212	250	270	360	370	490



## Adaptor Pressure Rating Chart

JIC - UNO - NPT SAE J514							Flange SAE J518		
SAE Dash Size	Nom Tube O.D	Straight Thread Size	Nom Pipe Size	Rigid SAE Threads Unions and Bulkheads PSI (JICM)	Adjustable SAE Threads and Female Swivels PSI (JICF)	Fittings with Pipe Threads PSI (NPT)	SAE Dash Size	Code 61 Flange (J518) PSI	Code 62 Flange (J518) PSI
-2	0.125	5/16-24	1/8	5000	5000	5000	-2		
-3	0.188	3/8-24	1/8	5000	5000	5000	-3		
-4	0.25	7/16-20	1/8	5000	4500	5000	-4		
-5	0.313	1/2-20	1/8	5000	4000	5000	-5		
-6	0.375	9/16-18	1/4	5000	4000	4000	-6		
-8	0.5	3/4-16	3/8	4500	4000	3000	-8	5000	6000
-10	0.625	7/8-14	1/2	3500	3000	3000	-10		
-12	0.75	1-1/16-12	3/4	3500	3000	2500	-12	5000	6000
-14	0.875	1-3/16-12	3/4	3000	2500	2500	-14		
-16	1	1-5/16-12	1	3000	2500	2000	-16	5000	6000
-20	1.25	1-5/8-12	1-1/4	2500	2000	1150	-20	4000	6000
-24	1.5	1-7/8-12	1-1/2	2000	1500	1000	-24	3000	6000
-32	2	2-1/2-12	2	1500	1125	1000	-32	3000	6000

ORFS - ISO8434-3				Metric L/S - ISO8434		BSPP - ISO8434-6			
Tube O.D		ORFS M & F Nonadjustable PSI	ORFS M & F Adjustable (Positional Fittings) (PSI)	DIN (L) Cone & Cutting Ring ISO8434 (BAR)	DIN (S) Cone & Cutting Ring ISO8434 (BAR)	Nom Tube O.D	Thread size	60 Degree Cone - With O'Ring BSPP (BAR)	60 Degree Cone - Without O'Ring BSPP (BAR)
6	1/4	9135	5800	250	630	6	1/8	-	350
8	5/16	9135	5800	250	630	8	1/4	400	350
10	3/8	9135	5800	250	630	10	3/8	400	350
12	1/2	9135	5800	250	400	12	1/2	350	315
16	5/8	9135	5800	250	400	16	5/8	350	315
20	3/4	5800	5800	160	400	20	3/4	315	250
22	7/8	5800	5075	160	400				
25	1	5800	5075	100	250	25	1	250	200
30	1 1/4	3625	3625	100	250	32	1-1/4	200	160
38	1 1/2	3625	3625	100	250	38	1-1/2	160	125
50	N/A	N/A	N/A	100	250	50	2	125	80

**Notes:**

- Working pressures given are for low carbon steel fittings only.
- Proof pressure is twice working pressure.
- Burst pressure is 4 x working pressure.
- Cyclic endurance is tested at 133% of working pressure for 1 million cycles IAW J343.

TECHNICAL INFO  
Adaptor Pressure Rating Chart

# Hose Assembly Instructions

## 1 - Select the correct hose tail series for the intended hose:

100R1	"D" reusables & "K" series permanent crimp
100R2	"D" reusables & "K" series permanent crimp
100R5	"DF" reusables, "F" series & "K" series permanent crimp
100R6	"H" series push on tails
100R7	"J" series one piece permanent crimp
100R8	"J" series one piece permanent crimp
100R12	"L" series one piece permanent crimp
100R13	"N" series one piece permanent crimp
100R14	"C" series one piece permanent crimp
100R15	"N" series one piece permanent crimp, -06 & -08 "L" series, -32 "NP" series
100R16	"K" series permanent crimp
100R17	"K" series permanent crimp
100R19	"K" series permanent crimp

## 2 - Mark insertion depth on hose with suitable marker

Hose dash size	Insertion depth in mm				
	A	K	L	M	N
-4	37	21			
-5		24			
-6	40	29	27		
-8	40	33	32		
-10	40	40	33	47	
-12	40	38	37	48	56
-16	43	44	44	51	59
-20		48	46	64	71
-24		37	59	62	
-32		46	62	73	

### Step 1



### Step 2



## 3 - Lubricate if necessary with either Rubber Grease Castrol GRR(B) or clean SAE30 engine oil

**Do not use lubricant on multispiral hose**

## 4 - Insert hose into fitting to depth indicated above

## 5 - Set press to dimension required (crimp charts can be downloaded from the resources page on our website).

### 6a - For K, L & N series fittings, insert hose and tail into press so entire shell is inside the die set

Crimp to desired dimension  
Remove and check final crimp size (must be within  $\pm 0.25$ mm of designated dimension)  
(Diameter is to be measured at the centre of the shell)

### 6b - C & J series require a bump to be left on the top closest to the nut

Refer to current crimp chart for crimp length - head to [www.taipan.com.au/resources/](http://www.taipan.com.au/resources/)

### 6c - For D & DF series reusables

Cut hose to length  
Screw socket onto hose in counter clockwise direction until hose bottoms out  
Back off 1/2 turn  
Dip hose end into SAE30 engine oil or similar heavy oil, Rubber grease may also be used  
Screw tail into shell until the Hex on the nipple rests against the shoulder on the shell

## 7 - Clean hose using Polyshot or similar cleaner and ensure there are no foreign objects left in the hose

**Note: for stainless steel Dow Corning Molykote G-N or equivalent lubricant must be used or thread will seize.**

## Conversion Factors

Multiply	By	To Obtain	Example
<b>Pressure</b>			
Pound/Inch sq (psi)	0.069	Bar	100 PSI by 0.069 = 6.895 bar
Pound/Inch sq (psi)	0.070	Kilogram/centimetre sq	100 PSI by 0.070 = 7.031 Kg/cm
Pound/Inch sq (psi)	6.895	kilopascal (Kpa)	100 PSI BY 6.895 = 689.476 Kpa
Pound/Inch sq (psi)	0.007	Megapascal (Mpa)	100 PSI by 0.00689 = 0.689 Mpa
<b>Velocity</b>			
Inch/min	25.4	Millimetre/min	10 Inch/min by 25.4 = 254 mm/min
Foot/min	0.305	Metre/min	10 Foot/min by 0.3048 = 3.048 Metres/min
Mile/Hour	1.609	Kilometre/hr	10 MPH by 1.609 = 16.093 km/hr
Gallons/min U.K.	4.546	Litre/min	10 GPM (U.K.) by 4.546 = 45.460 L/min
Gallons/min U.S.	3.785	Litre/min	10 GPM (U.S.) by 3.785 = 37.854 L/min
<b>Linear</b>			
Inch (ins)	25.4	Millimetre (mm)	1 5/16 ins to 1.3125 ins by 25.4 = 33.334 mm
Foot(ft)	0.305	Metre (M)	3 ft 6 ins to 3.5 ft by 0.305 = 1.07 Metres
<b>Area</b>			
Square Inch	645.16	Square Millimetre	10 sq ins by 645.16 = 6,4516 sq mm
Square Foot	0.093	Square Metre	10 sq ft by 0.093 = 0.93 sq m
<b>Volume</b>			
Gallons U.K.	277.42	Cubic Inches	10 U.K. gals by 277.42 = 2,774.2 cu in
Gallons U.S.	231.000	Cubic Inches	10 U.S. gals by 231 = 2,310 cu in
Cubic Inches	16.387	Cubic Centimetres	54.5 cu ins by 16.387 = 893.095 cu in
Cubic Inches	0.016	Litre	1,000 cu ins by 0.016 = 16,387 Litres
Gallons U.K.	4.546	Litre	10 U.K. gals by 4.546 = 45.461 Litres
Gallons U.S.	3.785	Litre	10 U.S. gals by 3.785 = 37.854 Litres
<b>Mass &amp; Density</b>			
Pound (avoirdupois)	0.454	Kilogram	10 pounds by 0.454 = 4.536 kg
Ton (long 2,240 lb)	1.016	Tonne	10 ton by 1.016 = 10.016 tonnes
Ton (short 2,000 lb)	0.907	Tonne	10 ton by 0.907 = 9.072 tonnes
Ton (metric)	1.000	Tonne	10 ton by 1.0 = 10.0 tonnes
<b>Force</b>			
Kilogram-force	9.80665	Newton (N)	10 kilogram-force by 9.80665 = 98.0665 N
<b>Torque</b>			
Pound -Inch	0.113	Newton-Metre (Nm)	10 pound-in by 0.113 = 1.130 Nm
Pound-Foot	1.356	Newton-Metre (Nm)	10 pound-ft by 1.356 = 13.559 Nm
<b>Power</b>			
Horsepower (hp)	0.746	kilowatt (kW)	10 hp by 0.746 = 7.457 kW
<b>Temperature</b>			
Degrees Fahrenheit	(°F-32)/1.8	Degrees Celsius	(100 °F-32) divide by 1.8 = 37.778°C
Degrees Celsius	1.8 °C + 32	Degrees Fahrenheit	(1.8 by 100 °C) plus 32 = 212 °F



## Standards & Certifications of Product

TAIPAN HOSE RANGE		SAE	USCG	ISO	DNV	EN / DIN	MSHA	BV	LR	MED	MA	API	KR	ABS	DOT	GL
HOSE	SIZES															
100R1	ALL	SAE J517		ISO6805			X		X				X	X		
100R2	ALL	SAE J517		ISO6805		ENB53	X		X				X	X		
100R2GP	ALL	SAE J517														
100R2H	1 1/4" TO 2"	SAE J517				ENB53	X									
100R2J																
100R4	ALL	SAE J1527 TYPE A														
100R5H	ALL	SAE J517													X	
100R6	ALL	SAE J517					X									
100R6 (FC332)	ALL	SAE J517												X		
100R6H	ALL	SAE J517					X									
100R7	ALL	SAE J517		ISO3949-R7		ENB55										
100R7NC	ALL	SAE J517		ISO3949-R7		ENB55										
100R8		SAE J517		ISO3949-R8		ENB55										
100R8NC		SAE J517		ISO3949-R8		ENB55								X		
100R12	1 1/2" TO 2"	SAE J517			X	ENB56	X			X				X		
100R12SF	1 1/4" TO 1 1/2"	SAE J517			X	ENB56	X			X				X		
100R12SF	3/4" AND 1"	SAE J517			X		X	X								
100R13	3/4" TO 1 1/4"	SAE J517					X		X				X	X		
100R14	ALL	SAE J517														
100R15	2"	SAE J517		ISO3862		ENB56	X									
100R15	3/8" TO 1 1/2"	SAE J517			X	ENB56	X	X	X	X				X		
100R16	ALL	SAE J517					X	X	X							
100R16GP	ALL	SAE J517				ENB57	X									
100R16H	1/4" TO 1"	SAE J517			X	ENB57	X									
100R16TW	3/8"			ISO11237		ENB57		X								
100R17	ALL	SAE J517					X									
100R18TW	ALL	SAE J517		ISO3949-R18												
100R19	ALL	SAE J517			X		X									
GH506	ALL			ISO3862	X	ENB56 TYPE 45H	X									
MUD HOSE	2"												7K			
100R2PWH	ALL					EN7751 / 1829-1										
SAE188	3/8"	SAE188														
TX2	1/4" TO 1"	SAE J517			X	ENB57	X							X		
TX4000	3/8" TO 1"	SAE J517			X	ENB56	X			X				X		
TX6000	3/8" TO 1 1/4"	SAE J517		ISO18752-CC			X							X		



## Metric Thread Chart

SEAL	30° FLARE	24° CONE	24° CONE	24° CONE	24° CONE	60° CONE
Measure the tube seat						
O.D PITCH	KOMATSU	DIN L LIGHT	DIN S HEAVY	FRENCH GAZ	ISO	DIN 7631
M12 x 1.5		-6				-6
M14 x 1.5	-4	-8	-6			-8
M16 x 1.5		-10	-8			-10
M18 x 1.5	-6	-12	-10			-12
M20 x 1.5			-12	-13	-14	
M22 x 1.5	-8	-15	-14			-15
M24 x 1.5	-10		-16	-17		
M26 x 1.5		-18				-18
M27 x 1.5					-18	
M30 x 1.5	-12			-21	-22	-22
M30 x 2		-22	-20			
M33 x 1.5	-16				-25	
M33 x 2						
M36 x 1.5	-20			-27	-28	
M36 x 2		-28	-25			
M38 x 1.5						-28
M39 x 1.5					-30	
M39 x 2						
M42 x 1.5	-24				-32	
M42 x 2			-30			
M45 x 1.5				-33	-35	-35
M45 x 2		-35				
M48 x 1.5					-38	
M52 x 1.5				-42	-40	-42
M52 x 2		-42	-38			

## Procedure for Identifying Metric Threads

### - MALES -

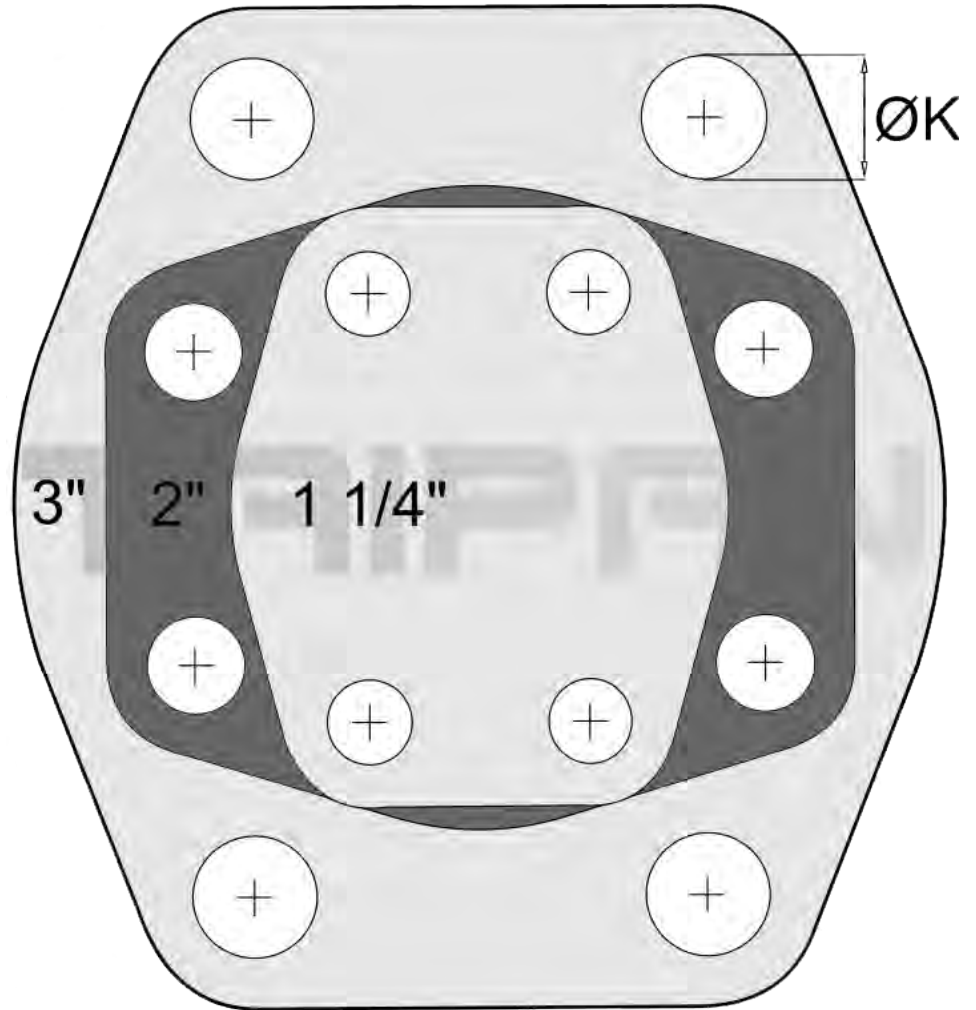
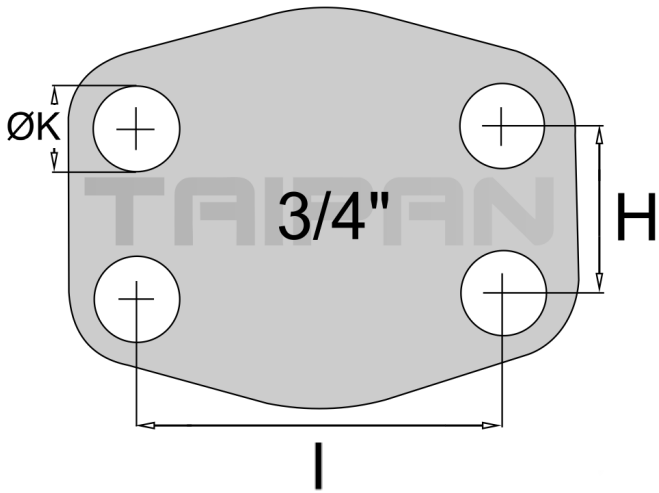
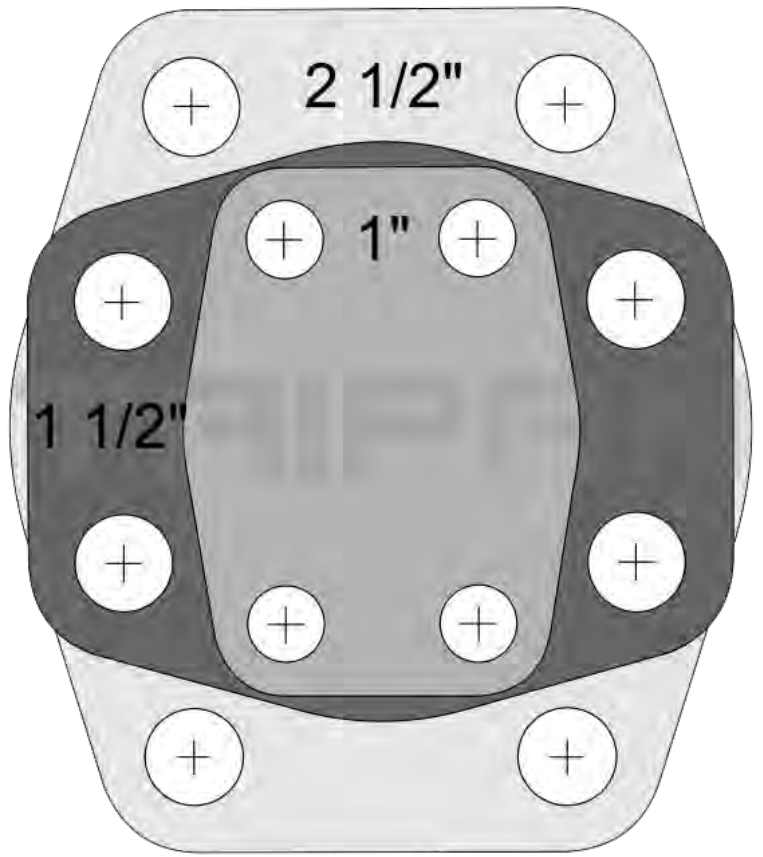
- 1) Measure pitch
- 2) Measure outside diameter
- 3) Measure the tube seat
- 4) Refer to the above chart

### - FEMALES -

- 1) Measure pitch
- 2) Measure inside diameter
- 3) Add pitch to I.D = Male O.D
- 4) Measure the tube seat
- 5) Refer to the above chart

3000 PSI Code 61 Flange Profile/Sizes

Size	H	I	Ø Screw Hole	Ø Threads
1/2"	17.5	38.1	8.7	M8 - 5/16
3/4"	22.3	47.6	10.9	M10 - 3/8
1"	26.2	52.4	10.5	M10 - 3/8
1 1/4"	30.2	58.7	11.8	M10 - 7/16
1 1/2"	35.7	69.9	13.4	M12 - 1/2
2"	42.9	77.8	13.4	M12 - 1/2
2 1/2"	50.8	88.9	13.4	M12/M14 - 1/2
3"	61.9	106.4	17.4	M16 - 5/8
4"	77.8	130.2	17	M16 - 5/8

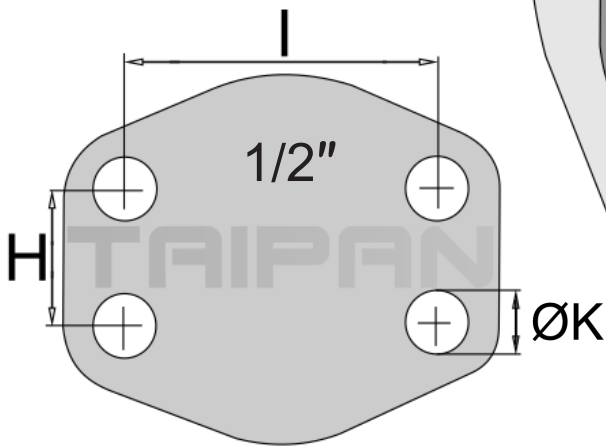
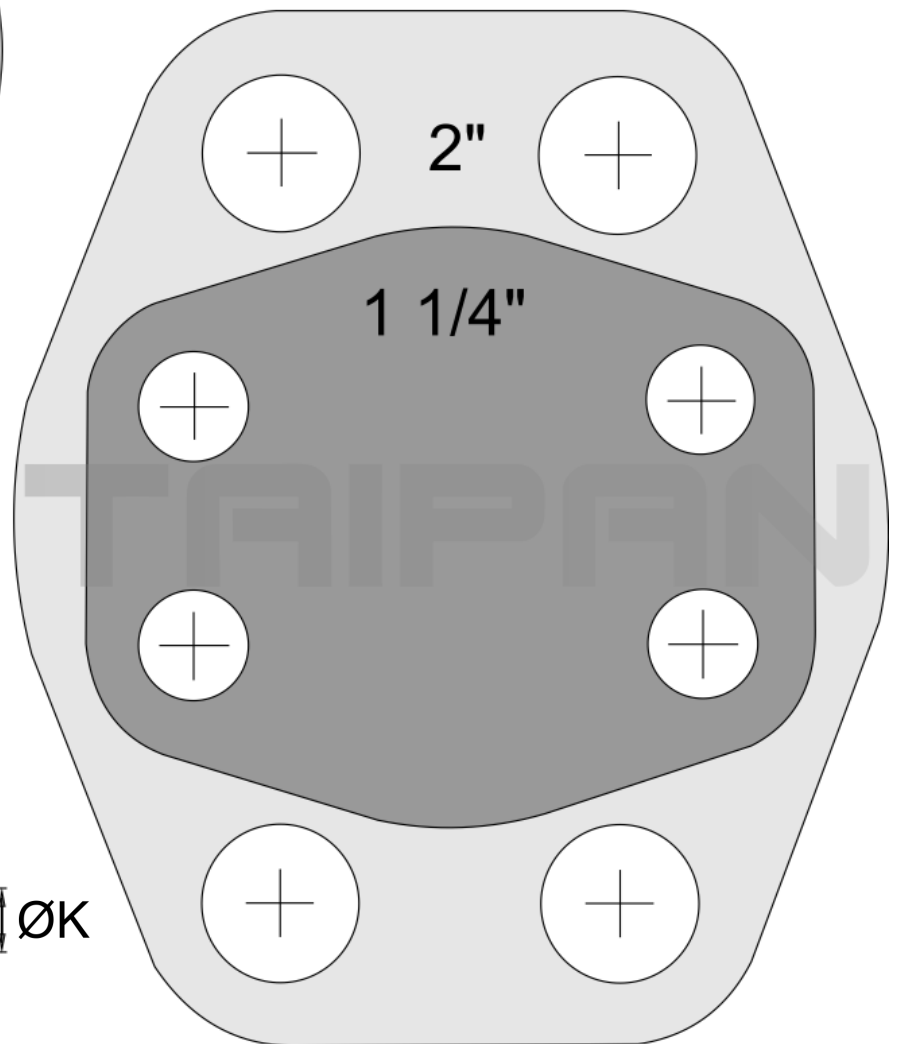
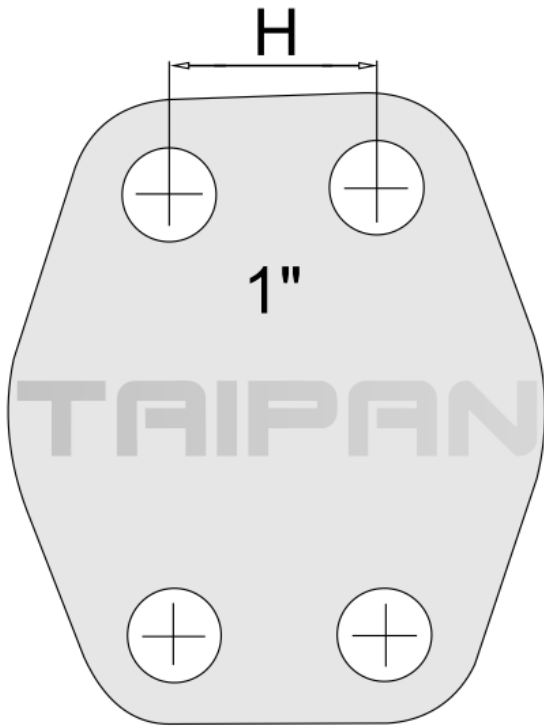
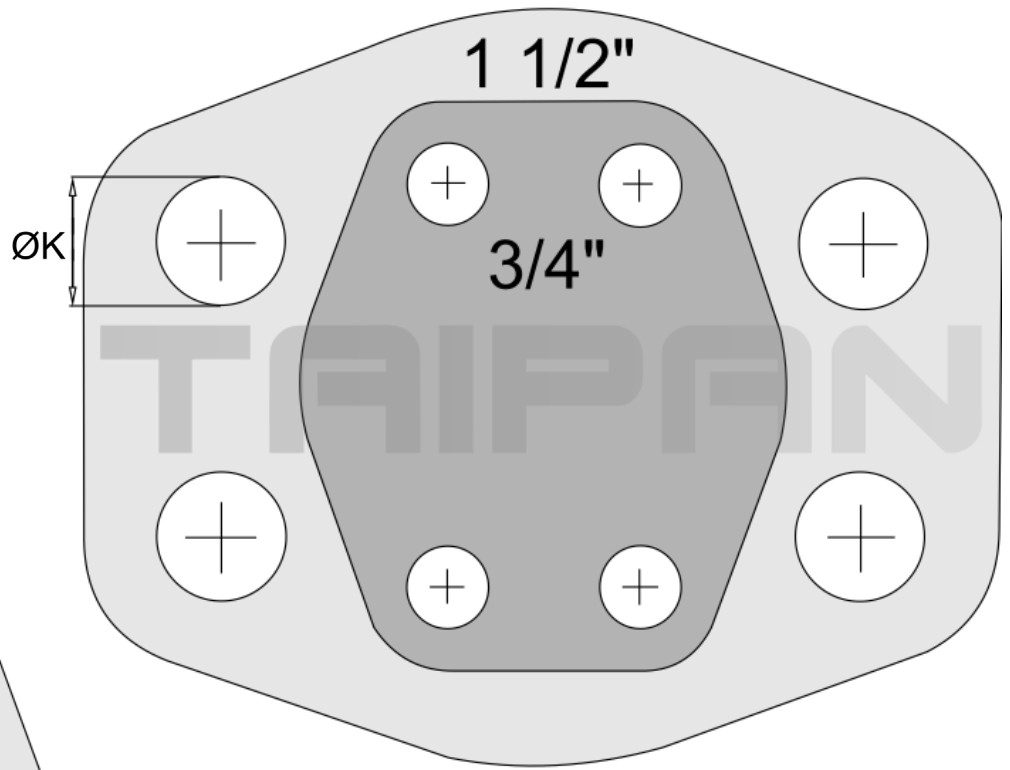


TECHNICAL INFO  
Flange Size Guide



6000 PSI Code 62 Flange Profile/Sizes

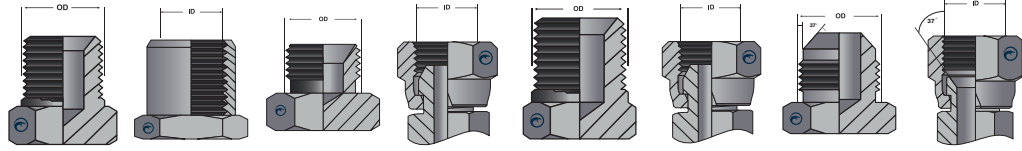
Size	H	I	Ø Screw Hole	Ø Threads
1/2"	18.5	40.5	8.7	M8 - 5/16
3/4"	23.8	50.8	10.5	M10 - 3/8
1"	27.8	57.2	12.2	M12 - 7/16
1 1/4"	31.8	66.6	14.9	M12/M14 - 1/2
1 1/2"	36.5	79.3	16.7	M16 - 5/8
2"	44.5	96.8	21.3	M20 - 3/4





## Thread Identification Chart

DASH SIZE	THREAD/ FLANGE SIZE	BSPT 60° CONE	BSPP ISO 8434-6	NPT NPSM- 60° CONE	JIC & UNO (UNF THREAD) SAE J514, ISO 8434-2 (UNF THREAD)
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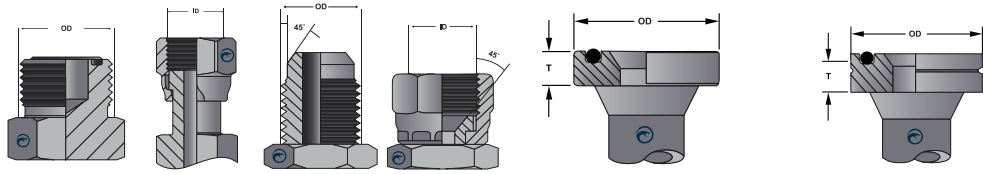


		MALE O.D (TPI) ISO 7-1	FEMALE I.D (TPI)	MALE O.D (TPI)	FEMALE I.D (TPI)	MALE O.D (TPI) ANSI B 1.20.3	FEMALE I.D (TPI)	MALE O.D (TPI)	FEMALE I.D (TPI)
-02	1/8	9.5 (28)	8.4 (28)	9.6 (28)	8.6 (28)	9.9 (27)	8.7 (27)		
-04	1/4	12.8 (19)	11.2 (19)	13.0 (19)	11.9 (19)	13.2 (18)	11.2 (18)		
-05	5/16							7.9 (24)	6.9 (24)
-06	3/8	16.3 (19)	14.7 (19)	16.5 (19)	15.2 (19)	16.6 (18)	14.7 (18)	9.5 (24)	8.5 (24)
-07	7/16							11.1 (20)	9.9 (20)
-08	1/2	20.4 (14)	18.3 (14)	20.8 (14)	19.1 (14)	20.6 (14)	17.8 (14)	12.7 (20)	11.4 (20)
-09	9/16							14.3 (18)	13.0 (18)
-10	5/8	22.5 (14)	20.6 (14)	22.8 (14)	20.8 (14)				
-11	11/16								
-12	3/4	25.9 (14)	23.9 (14)	26.3 (14)	24.6 (14)	26.0 (14)	23.4 (14)	19.1 (16)	17.5 (16)
-13	13/16								
-14	7/8							22.2 (14)	20.3 (14)
-16	1	32.6 (11)	29.7 (11)	33.1 (11)	30.7 (11)	32.5 (11.5)	29.5 (11.5)		
-17	1.1/16							27.0 (12)	24.9 (12)
-19	1.3/16							30.2 (12)	28.2 (12)
-20	1.1/4	41.1 (11)	38.6 (11)	41.8 (11)	39.4 (11)	41.2 (11.5)	38.1 (11.5)		
-21	1.5/16							33.3 (12)	31.2 (12)
-23	1.7/16								
-24	1.1/2	47.0 (11)	44.5 (11)	47.7 (11)	45.5 (11)	47.3 (11.5)	43.9 (11.5)		
-26	1.5/8							41.3 (12)	39.1 (12)
-27	1.11/16								
-30	1.7/8							47.6 (12)	45.5 (12)
-32	2	58.6 (11)	56.4 (11)	59.5 (11)	57.4 (11)	59.3 (11.5)	56.4 (11.5)		
-40	2.1/2	74.1 (11)	71.9 (11)	75.1 (11)	72.6 (11)	71.5 (8)	69.1 (8)	63.5 (12)	61.5 (12)
-48	3	86.6 (11)	84.6 (11)	87.9 (11)	85.4 (11)	87.3 (8)	84.8 (8)		

TECHNICAL INFO  
Thread ID Chart

## Thread Identification Chart

DASH SIZE	THREAD/ FLANGE SIZE	ORFS (UNF) ISO 8434-3	SAE 45 FLARE SAE J514	SAE CODE 61 SAE J518	SAE CODE 62 SAE J518
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		MALE O.D (TPI)	FEMALE I.D (TPI)	MALE O.D (TPI)	FEMALE I.D (TPI)	O.D	THICKNESS	O.D	THICKNESS
-02	1/8								
-04	1/4								
-05	5/16			7.9 (24)	6.8 (24)				
-06	3/8			9.5 (24)	8.4 (24)				
-07	7/16			11.1 (20)	9.9 (20)				
-08	1/2			12.7 (20)	11.4 (20)	30.2	6.73	31.7	7.75
-09	9/16	14.3 (18)	12.9 (18)						
-10	5/8			15.9 (18)	14.2 (18)	34.0	6.73		
-11	11/16	17.3 (16)	16.0 (16)						
-12	3/4			19.1 (16)	17.5 (16)	38.1	6.73	41.3	8.76
-13	13/16	20.6 (16)	19.1 (16)						
-14	7/8			22.2 (14)	20.6 (14)				
-16	1	25.4 (14)	23.6 (14)			44.5	8.00	47.6	9.53
-17	1.1/16			27.0 (14)	24.9 (14)				
-19	1.3/16	30.0 (12)	28.2 (12)						
-20	1.1/4					50.8	8.00	54.0	10.29
-21	1.5/16								
-23	1.7/16	36.3 (12)	34.3 (12)						
-24	1.1/2					60.3	8.00	63.5	12.57
-26	1.5/8								
-27	1.11/16	42.7 (12)	40.6 (12)						
-30	1.7/8								
-32	2	51.8 (12)	48.8 (12)			71.4	9.53	79.4	12.57
-40	2.1/2					84.1	9.53		
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# PRODUCT FINDER INDEX

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