

EGO

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Hydraulic Quick Couplings

ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS



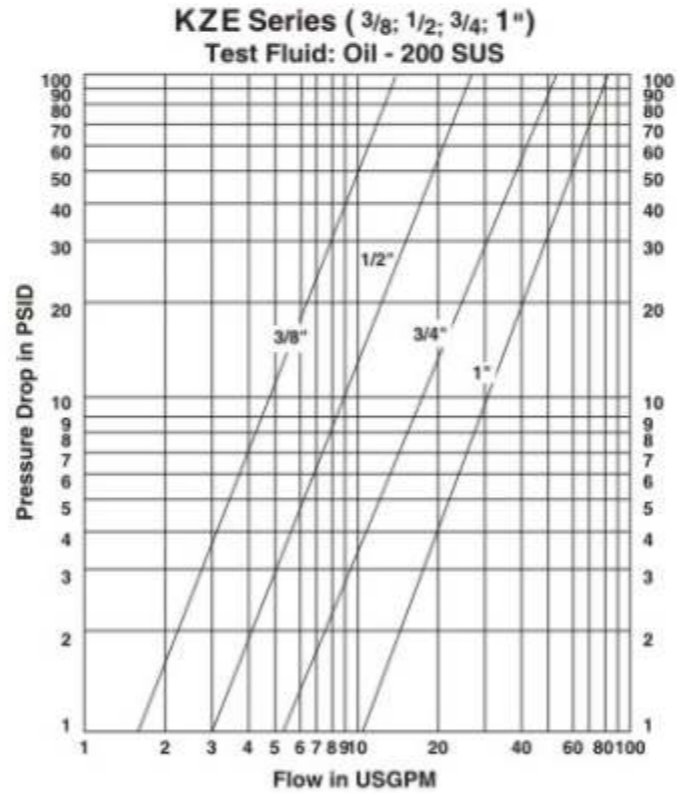
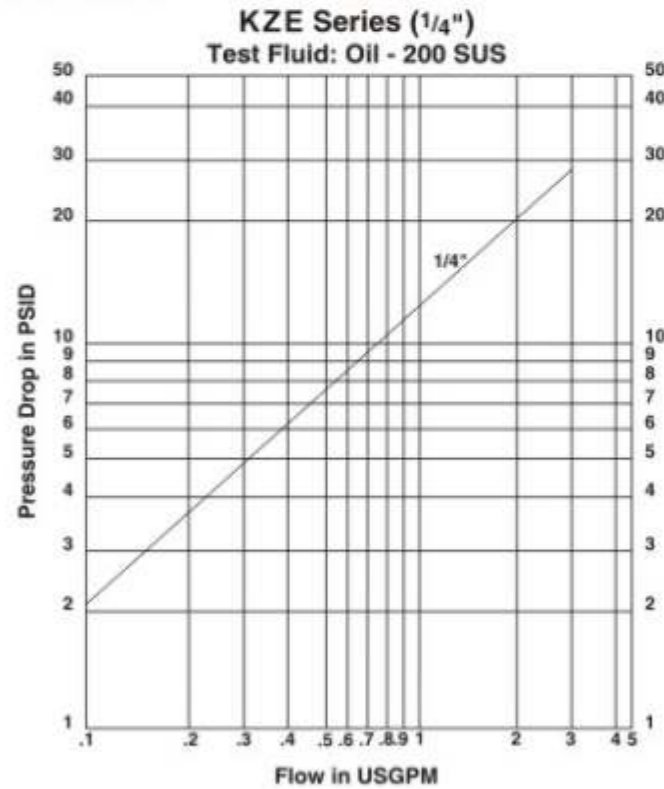
Features

- Poppet valves available to prevent uncoupled leakage
- Ball valves available for rugged dependability in heavy-duty hydraulic applications, within rated working pressure
- Critical parts are induction hardened for durability
- Dependable ball-locking mechanism holds the mating halves together
- Socket and plug are precision machined from solid bar stock
- KZE Series couplings interchange with couplings meeting ISO 7241-1, Series A.

Applications

• This Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

Performance



ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS

KZE Series Hydraulic Quick Couplings (Steel)

Specifications

Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	350	300	300	250	200
Material:	Carbon steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				

Nipples
Female Thread



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZE-01PF	G1/8	32.0	15.0	14.0	17.0	KZE-N01PF	NPT1/8	1.27	0.58	0.56	0.65
KZE-02PF	G1/4	32.0	15.0	19.0	22.0	KZE-N02PF	NPT1/4	1.27	0.58	0.75	0.87
KZE-03PF	G3/8	37.0	18.0	22.0	26.0	KZE-N03PF	NPT3/8	1.47	0.72	0.88	1.01
KZE-04PF	G1/2	46.0	20.0	27.0	31.0	KZE-N04PF	NPT1/2	1.82	0.78	1.06	1.23
KZE-06PF	G3/4	58.0	30.0	35.0	40.0	KZE-N06PF	NPT3/4	2.29	1.18	1.38	1.59
KZE-08PF	G1	66.0	34.0	41.0	48.0	KZE-N08PF	NPT1	2.58	1.34	1.62	1.88
KZE-10PF	G1 1/4	75.0	36.0	54.0	59.0	KZE-N10PF	NPT1 1/4	2.95	1.41	2.12	2.32
KZE-12PF	G1 1/2	86.0	38.0	60.0	68.0	KZE-N12PF	NPT1 1/2	3.38	1.49	2.36	2.67
KZE-16PF	G 2	100.0	77.0	77.0	84.0	KZE-N16PF	NPT 2	3.93	3.03	3.03	3.30

Couplers
Female Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZE-01SF	G1/8	47.0	22.0	27.0	KZE-N01SF	NPT1/8	1.85	0.88	1.08
KZE-02SF	G1/4	47.0	22.0	27.0	KZE-N02SF	NPT1/4	1.85	0.88	1.08
KZE-03SF	G3/8	55.0	27.0	32.0	KZE-N03SF	NPT3/8	2.18	1.06	1.27
KZE-04SF	G1/2	70.0	32.0	39.0	KZE-N04SF	NPT1/2	2.75	1.25	1.52
KZE-06SF	G3/4	85.0	41.0	48.0	KZE-N06SF	NPT3/4	3.36	1.62	1.90
KZE-08SF	G1	104.0	48.0	54.0	KZE-N08SF	NPT1	4.11	1.88	2.14
KZE-10SF	G1 1/4	110.0	54.0	69.0	KZE-N10SF	NPT1 1/4	4.33	2.12	2.71
KZE-12SF	G1 1/2	128.0	60.0	82.0	KZE-N12SF	NPT1 1/2	5.03	2.36	3.22
KZE-16SF	G 2	153.0	77.0	100.0	KZE-N16SF	NPT 2	6.02	3.03	3.93

ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS

KZEB Series Steel Ball Type Quick Couplings

Specifications

Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	350	300	300	250	200
Material:	Carbon steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZEB-01PF	G1/8	32.0	15.0	14.0	17.0	KZEB-N01PF	NPT1/8	1.27	0.58	0.56	0.65
KZEB-02PF	G1/4	32.0	15.0	19.0	22.0	KZEB-N02PF	NPT1/4	1.27	0.58	0.75	0.87
KZEB-03PF	G3/8	37.0	18.0	22.0	26.0	KZEB-N03PF	NPT3/8	1.47	0.72	0.88	1.01
KZEB-04PF	G1/2	46.0	20.0	27.0	31.0	KZEB-N04PF	NPT1/2	1.82	0.78	1.06	1.23
KZEB-06PF	G3/4	58.0	30.0	35.0	40.0	KZEB-N06PF	NPT3/4	2.29	1.18	1.38	1.59
KZEB-08PF	G1	66.0	34.0	41.0	48.0	KZEB-N08PF	NPT1	2.58	1.34	1.62	1.88
KZEB-10PF	G1 1/4	75.0	36.0	54.0	59.0	KZEB-N10PF	NPT1 1/4	2.95	1.41	2.12	2.32
KZEB-12PF	G1 1/2	86.0	38.0	60.0	68.0	KZEB-N12PF	NPT1 1/2	3.38	1.49	2.36	2.67
KZEB-16PF	G 2	100.0	77.0	77.0	84.0	KZEB-N16PF	NPT 2	3.93	3.03	3.03	3.30



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZEB-01SF	G1/8	47.0	22.0	27.0	KZEB-N01SF	NPT1/8	1.85	0.88	1.08
KZEB-02SF	G1/4	47.0	22.0	27.0	KZEB-N02SF	NPT1/4	1.85	0.88	1.08
KZEB-03SF	G3/8	55.0	27.0	32.0	KZEB-N03SF	NPT3/8	2.18	1.06	1.27
KZEB-04SF	G1/2	70.0	32.0	39.0	KZEB-N04SF	NPT1/2	2.75	1.25	1.52
KZEB-06SF	G3/4	85.0	41.0	48.0	KZEB-N06SF	NPT3/4	3.36	1.62	1.90
KZEB-08SF	G1	104.0	48.0	54.0	KZEB-N08SF	NPT1	4.11	1.88	2.14
KZEB-10SF	G1 1/4	110.0	54.0	69.0	KZEB-N10SF	NPT1 1/4	4.33	2.12	2.71
KZEB-12SF	G1 1/2	128.0	60.0	82.0	KZEB-N12SF	NPT1 1/2	5.03	2.36	3.22
KZEB-16SF	G 2	153.0	77.0	100.0	KZEB-N16SF	NPT 2	6.02	3.03	3.93

ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS

KZESS Series Hydraulic Quick Couplings(Stainless Steel)

Specifications

Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	150	100	100	100	75
Material:	Stainless Steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZESS-01PF	G1/8	32.0	15.0	14.0	17.0	KZESS-N01PF	NPT1/8	1.27	0.58	0.56	0.65
KZESS-02PF	G1/4	32.0	15.0	19.0	22.0	KZESS-N02PF	NPT1/4	1.27	0.58	0.75	0.87
KZESS-03PF	G3/8	37.0	18.0	22.0	26.0	KZESS-N03PF	NPT3/8	1.47	0.72	0.88	1.01
KZESS-04PF	G1/2	46.0	20.0	27.0	31.0	KZESS-N04PF	NPT1/2	1.82	0.78	1.06	1.23
KZESS-06PF	G3/4	58.0	30.0	35.0	40.0	KZESS-N06PF	NPT3/4	2.29	1.18	1.38	1.59
KZESS-08PF	G1	66.0	34.0	41.0	48.0	KZESS-N08PF	NPT1	2.58	1.34	1.62	1.88



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZESS-01SF	G1/8	47.0	22.0	27.0	KZESS-N01SF	NPT1/8	1.85	0.88	1.08
KZESS-02SF	G1/4	47.0	22.0	27.0	KZESS-N02SF	NPT1/4	1.85	0.88	1.08
KZESS-03SF	G3/8	55.0	27.0	32.0	KZESS-N03SF	NPT3/8	2.18	1.06	1.27
KZESS-04SF	G1/2	70.0	32.0	39.0	KZESS-N04SF	NPT1/2	2.75	1.25	1.52
KZESS-06SF	G3/4	85.0	41.0	48.0	KZESS-N06SF	NPT3/4	3.36	1.62	1.90
KZESS-08SF	G1	104.0	48.0	54.0	KZESS-N08SF	NPT1	4.11	1.88	2.14

ISO 7241 B SERIES HYDRAULIC QUICK COUPLINGS



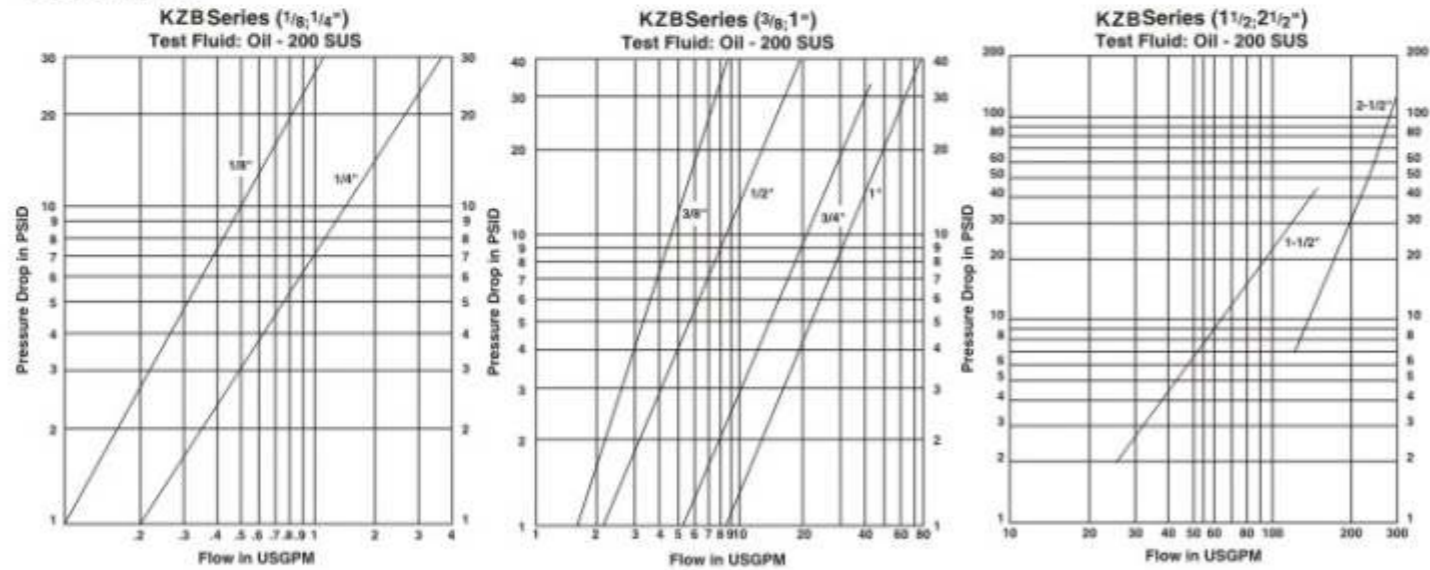
Features

- Poppet valves available to prevent uncoupled leakage
- Ball valves available for rugged dependability in heavy-duty hydraulic applications, within rated working pressure
- Critical parts are induction hardened for durability
- Dependable ball-locking mechanism holds the mating halves together
- Socket and plug are precision machined from solid bar stock
- KZB Series couplings interchange with couplings meeting ISO 7241-1, Series B.

Applications

• This Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

Performance



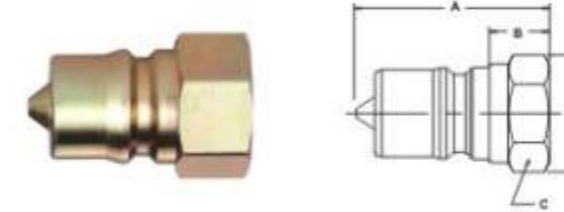
ISO 7241 B SERIES HYDRAULIC QUICK COUPLINGS

KZB Series Hydraulic Quick Couplings (Steel)

Specifications

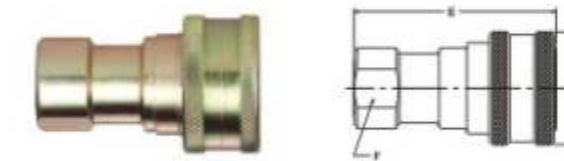
Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	350	300	300	250	200
Material:	Carbon steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				

Nipples
Female Thread



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZB-01PF	G1/8	41.0	10.0	14.0	17.0	KZB-N01PF	NPT1/8	1.61	0.41	0.56	0.65
KZB-02PF	G1/4	35.0	17.0	19.0	22.0	KZB-N02PF	NPT1/4	1.39	0.65	0.75	0.87
KZB-03PF	G3/8	38.0	14.0	22.0	26.0	KZB-N03PF	NPT3/8	1.50	0.54	0.88	1.01
KZB-04PF	G1/2	44.0	18.0	28.0	33.0	KZB-N04PF	NPT1/2	1.75	0.69	1.12	1.30
KZB-06PF	G3/4	55.0	20.0	35.0	40.0	KZB-N06PF	NPT3/4	2.16	0.79	1.38	1.59
KZB-08PF	G1	74.0	25.0	41.0	48.0	KZB-N08PF	NPT1	2.91	0.99	1.62	1.88
KZB-10PF	G1 1/4	76.0	25.0	54.0	59.0	KZB-N10PF	NPT1 1/4	2.99	0.99	2.13	2.32
KZB-12PF	G1 1/2	82.0	26.0	63.0	69.0	KZB-N12PF	NPT1 1/2	3.22	1.02	2.48	2.72
KZB-16PF	G 2	88.0	28.0	77.0	84.0	KZB-N16PF	NPT 2	3.46	1.10	3.03	3.30

Couplers
Female Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZB-01SF	G1/8	48.0	17.0	24.0	KZB-N01SF	NPT1/8	1.90	0.68	0.96
KZB-02SF	G1/4	57.0	21.0	29.0	KZB-N02SF	NPT1/4	2.26	0.81	1.14
KZB-03SF	G3/8	63.0	22.0	36.0	KZB-N03SF	NPT3/8	2.49	0.88	1.40
KZB-04SF	G1/2	73.0	28.0	45.0	KZB-N04SF	NPT1/2	2.87	1.12	1.77
KZB-06SF	G3/4	90.0	33.0	54.0	KZB-N06SF	NPT3/4	3.56	1.31	2.14
KZB-08SF	G1	106.0	41.0	64.0	KZB-N08SF	NPT1	4.18	1.62	2.52
KZB-10SF	G1 1/4	115.0	54.0	79.0	KZB-N10SF	NPT1 1/4	4.53	2.13	3.11
KZB-12SF	G1 1/2	124.0	63.0	79.0	KZB-N12SF	NPT1 1/2	4.88	2.48	3.11
KZB-16SF	G 2	132.0	77.0	109.0	KZB-N16SF	NPT 2	5.20	3.03	4.29

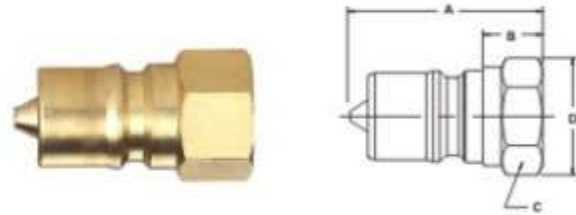
ISO 7241 B SERIES HYDRAULIC QUICK COUPLINGS

KZD Series Hydraulic Quick Couplings(Brass)

Specifications

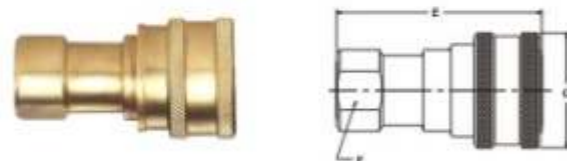
Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	75	75	45	45	45
Material:	Brass				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				

Nipples
Female Thread



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZD-01PF	G1/8	41.0	10.0	14.0	17.0	KZD-N01PF	NPT1/8	1.61	0.41	0.56	0.65
KZD-02PF	G1/4	35.0	17.0	19.0	22.0	KZD-N02PF	NPT1/4	1.39	0.65	0.75	0.87
KZD-03PF	G3/8	38.0	14.0	22.0	26.0	KZD-N03PF	NPT3/8	1.50	0.54	0.88	1.01
KZD-04PF	G1/2	44.0	18.0	28.0	33.0	KZD-N04PF	NPT1/2	1.75	0.69	1.12	1.30
KZD-06PF	G3/4	55.0	20.0	35.0	40.0	KZD-N06PF	NPT3/4	2.16	0.79	1.38	1.59
KZD-08PF	G1	74.0	25.0	41.0	48.0	KZD-N08PF	NPT1	2.91	0.99	1.62	1.88
KZD-10PF	G1 1/4	76.0	25.0	54.0	59.0	KZD-N10PF	NPT1 1/4	2.99	0.99	2.13	2.32
KZD-12PF	G1 1/2	82.0	26.0	63.0	69.0	KZD-N12PF	NPT1 1/2	3.22	1.02	2.48	2.72
KZD-16PF	G 2	88.0	28.0	77.0	84.0	KZD-N16PF	NPT 2	3.46	1.10	3.03	3.30

Couplers
Female Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZD-01SF	G1/8	48.0	17.0	24.0	KZD-N01SF	NPT1/8	1.90	0.68	0.96
KZD-02SF	G1/4	57.0	21.0	29.0	KZD-N02SF	NPT1/4	2.26	0.81	1.14
KZD-03SF	G3/8	63.0	22.0	36.0	KZD-N03SF	NPT3/8	2.49	0.88	1.40
KZD-04SF	G1/2	73.0	28.0	45.0	KZD-N04SF	NPT1/2	2.87	1.12	1.77
KZD-06SF	G3/4	90.0	33.0	54.0	KZD-N06SF	NPT3/4	3.56	1.31	2.14
KZD-08SF	G1	106.0	41.0	64.0	KZD-N08SF	NPT1	4.18	1.62	2.52
KZD-10SF	G1 1/4	115.0	54.0	79.0	KZD-N10SF	NPT1 1/4	4.53	2.13	3.11
KZD-12SF	G1 1/2	124.0	63.0	79.0	KZD-N12SF	NPT1 1/2	4.88	2.48	3.11
KZD-16SF	G 2	132.0	77.0	109.0	KZD-N16SF	NPT 2	5.20	3.03	4.29

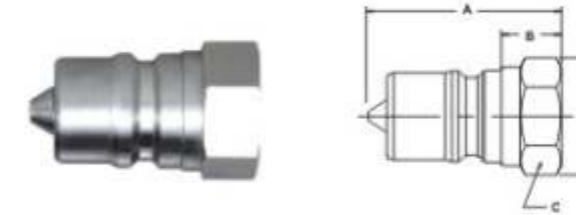
ISO 7241 B SERIES HYDRAULIC QUICK COUPLINGS

KZBSS Series Hydraulic Quick Couplings(Stainless Steel)

Specifications

Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	150	100	100	100	75
Material:	Stainless Steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				

Nipples
Female Thread



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZBSS-01PF	G1/8	41.0	10.0	14.0	17.0	KZBSS-N01PF	NPT1/8	1.61	0.41	0.56	0.65
KZBSS-02PF	G1/4	35.0	17.0	19.0	22.0	KZBSS-N02PF	NPT1/4	1.39	0.65	0.75	0.87
KZBSS-03PF	G3/8	38.0	14.0	22.0	26.0	KZBSS-N03PF	NPT3/8	1.50	0.54	0.88	1.01
KZBSS-04PF	G1/2	44.0	18.0	28.0	33.0	KZBSS-N04PF	NPT1/2	1.75	0.69	1.12	1.30
KZBSS-06PF	G3/4	55.0	20.0	35.0	40.0	KZBSS-N06PF	NPT3/4	2.16	0.79	1.38	1.59
KZBSS-08PF	G1	74.0	25.0	41.0	48.0	KZBSS-N08PF	NPT1	2.91	0.99	1.62	1.88

Couplers
Female Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZBSS-01SF	G1/8	48.0	17.0	24.0	KZBSS-N01SF	NPT1/8	1.90	0.68	0.96
KZBSS-02SF	G1/4	57.0	21.0	29.0	KZBSS-N02SF	NPT1/4	2.26	0.81	1.14
KZBSS-03SF	G3/8	63.0	22.0	36.0	KZBSS-N03SF	NPT3/8	2.49	0.88	1.40
KZBSS-04SF	G1/2	73.0	28.0	45.0	KZBSS-N04SF	NPT1/2	2.87	1.12	1.77
KZBSS-06SF	G3/4	90.0	33.0	54.0	KZBSS-N06SF	NPT3/4	3.56	1.31	2.14
KZBSS-08SF	G1	106.0	41.0	64.0	KZBSS-N08SF	NPT1	4.18	1.62	2.52



Features

- * Heavy duty heat treated poppet valves are standard with rugged, specially-designed seals made of nitrile for long leak-free performance in the toughest applications.
- * High-strength steel valve guides designed for high flow rates and made extra tough for agricultural and snow plow service.
- * Dependable hardened chrome alloy steel locking balls. Heat treated plugs and sleeves.

Applications

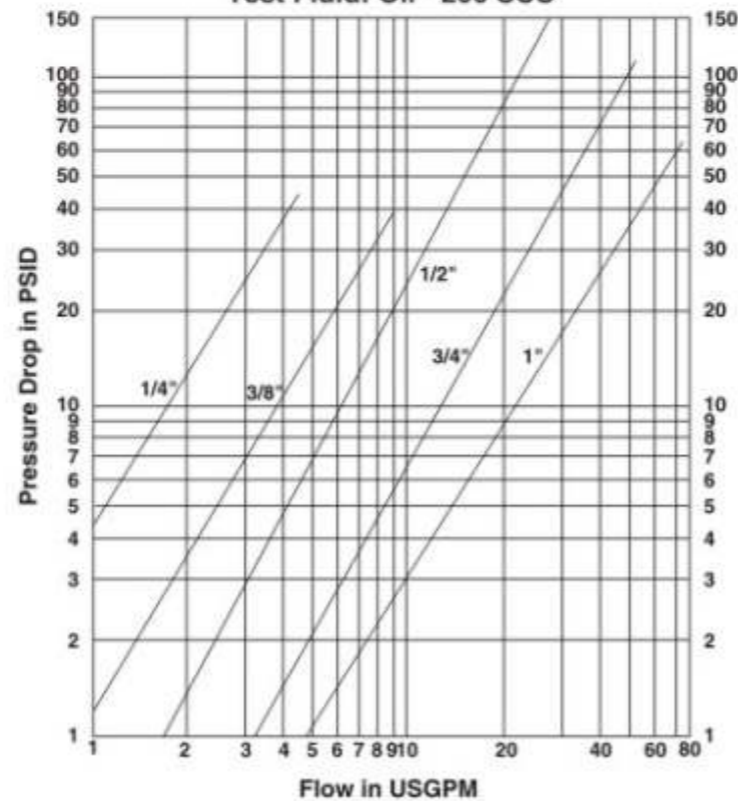
* KPC Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

Specifications

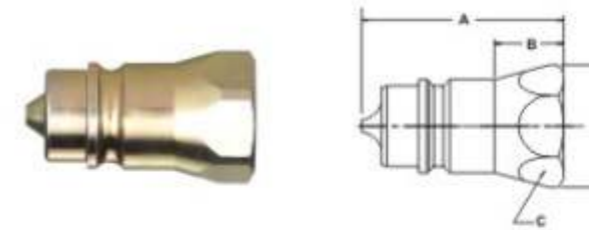
Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	200	200	200	200	200
Rated Flow (GPM)	3	6	12	28	50
Temperature Range(Std seals):	-20°C to +80°C				

Performance

KPC Series (1/4", 3/8", 1/2", 3/4", 1")
Test Fluid: Oil - 200 SUS



Nipples
Female Thread



Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KPC-02PF	G1/4	33.0	16.0	19.0	22.0	KPC-N02PF	NPT1/4	1.31	0.63	0.75	0.87
KPC-03PF	G3/8	41.0	20.0	24.0	27.0	KPC-N03PF	NPT3/8	1.60	0.80	0.94	1.08
KPC-04PF	G1/2	50.0	15.0	27.0	31.0	KPC-N04PF	NPT1/2	1.95	0.59	1.06	1.23
KPC-06PF	G3/4	46.0	31.0	33.0	39.0	KPC-N06PF	NPT3/4	1.81	1.23	1.31	1.52
KPC-08PF	G1	71.0	38.0	41.0	48.0	KPC-N08PF	NPT 1	2.79	1.49	1.63	1.88

Couplers
Female Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KPC-02SF	G1/4	49.0	19.0	27.0	KPC-N02SF	NPT1/4	1.94	0.75	1.08
KPC-03SF	G3/8	59.0	24.0	34.0	KPC-N03SF	NPT3/8	2.31	0.94	1.33
KPC-04SF	G1/2	66.0	27.0	39.0	KPC-N04SF	NPT1/2	2.60	1.06	1.52
KPC-06SF	G3/4	89.0	35.0	48.0	KPC-N06SF	NPT3/4	3.50	1.38	1.90
KPC-08SF	G1	98.0	41.0	53.0	KPC-N08SF	NPT 1	3.84	1.63	2.08

PUSH AND PULL TYPE HYDRAULIC QUICK COUPLINGS



Features

- Double acting sleeve for one handed operation when coupler is clamp or bulkhead mounted.
- Poppet valves available to prevent uncoupled leakage.
- Ball valves are available for rugged dependability in heavy duty hydraulic applications, within rated working pressures.
- Critical parts are induction hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Couplers and nipple are precision machined from solid bar stock.

Applications

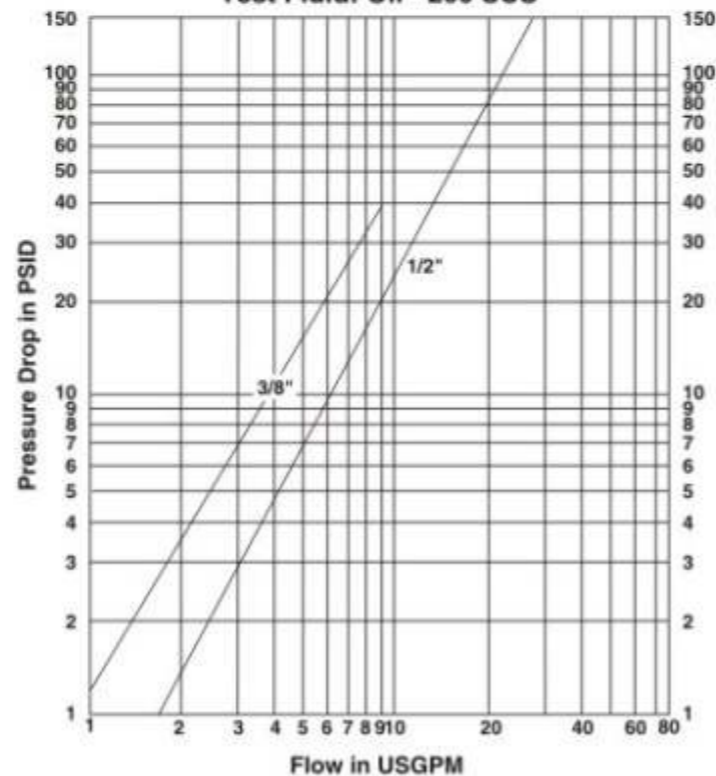
- KZA Series brings to the industry a proven design for use on construction equipment, forestry equipment agricultural machinery, and oil tools.

Specifications

Body Size(in)	3/8	1/2
Rated Pressure(Bar)	200	200
Material:	Carbon steel	
Standard seal material:	NBR (other material is available on request)	
Temperature Range(Std seals):	-20°C to +80°C	

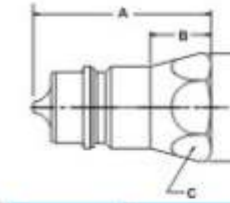
Performance

KZA Series (3/8", 1/2")
Test Fluid: Oil - 200 SUS



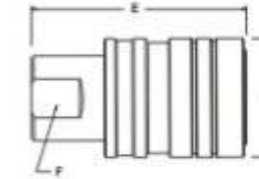
PUSH AND PULL TYPE HYDRAULIC QUICK COUPLINGS

Nipples Female Thread



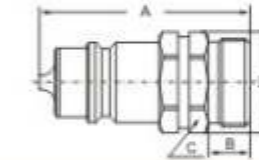
Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
KZA-03PF	G3/8"	41.0	20.0	24.0	27.0	KZA-N03PF	NPT3/8"	1.60	0.80	0.94	1.08
KZA-04PF	G1/2"	50.0	28.0	27.0	31.0	KZA-N04PF	NPT1/2"	1.95	1.09	1.06	1.23

Couplers Female Thread



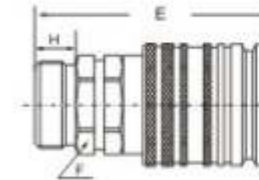
Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
KZA-03SF	G3/8"	59.0	21.0	33.0	KZA-N03SF	NPT3/8"	2.31	0.81	1.31
KZA-04SF	G1/2"	68.0	24.0	38.0	KZA-N04SF	NPT1/2"	2.68	0.94	1.50

Nipples Male Thread



Part No.	Thread Size M	A Overall Length (mm.)	B Overall Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)
KZA-14PF-M	M14x1.5	56.0	12.0	27.0	31.0
KZA-16PF-M	M16x1.5	56.0	12.0	27.0	31.0
KZA-18PF-M	M18x1.5	56.0	12.0	27.0	31.0
KZA-22PF-M	M22x1.5	56.0	12.0	27.0	31.0

Couplers Male Thread



Part No.	Thread Size M	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	H Overall Length (mm.)
KZA-14SF-M	M14x1.5	72.0	27.0	38.0	12.0
KZA-16SF-M	M16x1.5	72.0	27.0	38.0	12.0
KZA-18SF-M	M18x1.5	72.0	27.0	38.0	12.0
KZA-22SF-M	M22x1.5	72.0	27.0	38.0	12.0

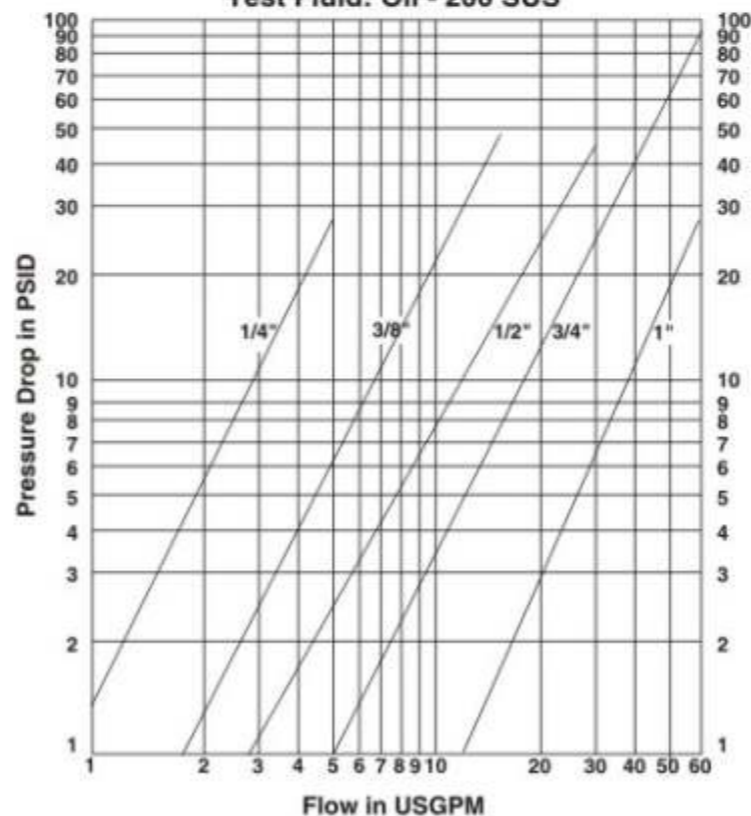


Features

- * Sleeve locking mechanism is engaged by rotating sleeve after connection. It prevents accidental disconnection when the coupling is dragged along the ground
- * Sleeve mechanism is designed to help prevent dirt from entering the internal mechanism and thus causing faulty operation when connecting or disconnecting, the sleeve covers the retaining ring and also incorporates a dust seal in the spring
- * Steel construction, zinc plated with yellow chromate finish. Hardened nipples and sleeves and solid barstock construction for maximum resistance to damage from hydraulic and mechanical shock
- * This Anti-Blowout Nitrile/PTFE bonded seal is designed to prevent blow-out or damage during severe service conditions
- * Durable ball-locking mechanism assures reliable connections, every time. A large number of locking balls distributes the work load evenly while providing alignment and swiveling action to reduce hose torque and prolong hose life. CAUTION: These products are not to be used as swivels. Rotation under pressure will result in excessive and premature wear
- * This series couplings employ flush valving when connecting or that only small amounts of fluid can be lost during disconnection or air inclusion during reconnection
- * This series conforms to standard of ISO16028

Performance

QKPT Series (1/4; 3/8; 1/2; 3/4; 1")
Test Fluid: Oil - 200 SUS



Applications

* This Series couplings are widely used in the public utility market where hydraulic oil spillage can constitute a serious safety hazard, particularly in overhead bucket hoists that are used for maintenance of high-voltage power transmission lines. These couplings are also used for quick change of hydraulic tools in construction, railway maintenance and mining industries. The ease of cleaning makes them ideal for use in these types of hostile environments

Flat Face Hydraulic Quick Couplings (Steel)

Specifications

Body Size(in)	1/4	3/8	1/2	3/4	1
Rated Pressure(Bar)	300	250	200	200	200
Material:	Carbon steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range(Std seals):	-20°C to +80°C				

**Nipples
Female Thread**



Part No.	Thread Size BSPP	Body Size	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	Body Size	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
QKPT 02-02PF	G1/4	1/4	48.0	35.0	22.0	24.0	QKPT 02-N02PF	NPT1/4	1/4	1.88	1.37	0.86	0.94
QKPT 03-03PF	G3/8	3/8	60.0	43.0	24.0	26.0	QKPT 03-N03PF	NPT3/8	3/8	2.36	1.69	0.94	1.02
QKPT 03-04PF	G1/2	3/8	63.0	46.0	27.0	29.0	QKPT 03-N04PF	NPT1/2	3/8	2.48	1.81	1.06	1.14
QKPT 04-04PF	G1/2	1/2	70.0	53.0	32.0	35.0	QKPT 04-N04PF	NPT1/2	1/2	2.77	2.08	1.25	1.37
QKPT 04-06PF	G3/4	1/2	70.0	53.0	32.0	35.0	QKPT 04-N06PF	NPT3/4	1/2	2.77	2.08	1.25	1.37
QKPT 06-06PF	G3/4	3/4	70.0	53.0	36.0	38.0	QKPT 06-N06PF	NPT3/4	3/4	2.77	2.08	1.41	1.51
QKPT 08-08PF	G1	1	83.0	59.0	45.0	48.0	QKPT 08-N08PF	NPT1	1	3.26	2.32	1.77	1.88

**Couplers
Female Thread**



Part No.	Thread Size BSPP	Body Size	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	Body Size	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
QKPT 02-02SF	G1/4	1/4	48.0	24.0	28.0	QKPT 02-N02SF	NPT1/4	1/4	1.88	0.94	1.10
QKPT 03-03SF	G3/8	3/8	65.0	27.0	32.0	QKPT 03-N03SF	NPT3/8	3/8	2.55	1.06	1.25
QKPT 03-04SF	G1/2	3/8	70.0	27.0	32.0	QKPT 03-N04SF	NPT1/2	3/8	2.75	1.06	1.25
QKPT 04-04SF	G1/2	1/2	79.0	36.0	40.0	QKPT 04-N04SF	NPT1/2	1/2	3.11	1.41	1.57
QKPT 04-06SF	G3/4	1/2	79.0	36.0	40.0	QKPT 04-N06SF	NPT3/4	1/2	3.11	1.41	1.57
QKPT 06-06SF	G3/4	3/4	79.0	36.0	41.0	QKPT 06-N06SF	NPT3/4	3/4	3.11	1.41	1.63
QKPT 08-08SF	G1	1	93.0	45.0	48.0	QKPT 08-N08SF	NPT1	1	3.66	1.77	1.88

FLAT FACE HYDRAULIC QUICK COUPLINGS / INTERNATIONAL INTERCHANGE ISO 16028

Flat Face Hydraulic Quick Couplings (Stainless Steel)

Specifications

Body Size (in)	1/4	3/8	1/2	3/4	1
Rated Pressure (Bar)	250	250	200	200	200
Material:	Stainless Steel				
Standard seal material:	NBR (other material is available on request)				
Temperature Range (Std seals):	-20°C to +80°C				

Nipples Female Thread



Part No.	Thread Size BSPP	Body Size	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	Body Size	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
QKPS 02-02PF	G1/4	1/4	48.0	35.0	22.0	24.0	QKPS 02-N02PF	NPT1/4	1/4	1.88	1.37	0.86	0.94
QKPS 03-03PF	G3/8	3/8	60.0	43.0	24.0	26.0	QKPS 03-N03PF	NPT3/8	3/8	2.36	1.69	0.94	1.02
QKPS 03-04PF	G1/2	3/8	63.0	46.0	27.0	29.0	QKPS 03-N04PF	NPT1/2	3/8	2.48	1.81	1.06	1.14
QKPS 04-04PF	G1/2	1/2	70.0	53.0	32.0	35.0	QKPS 04-N04PF	NPT1/2	1/2	2.77	2.08	1.25	1.37
QKPS 04-06PF	G3/4	1/2	70.0	53.0	32.0	35.0	QKPS 04-N06PF	NPT3/4	1/2	2.77	2.08	1.25	1.37
QKPS 06-06PF	G3/4	3/4	70.0	53.0	36.0	38.0	QKPS 06-N06PF	NPT3/4	3/4	2.77	2.08	1.41	1.51
QKPS 08-08PF	G1	1	83.0	59.0	45.0	48.0	QKPS 08-N08PF	NPT1	1	3.26	2.32	1.77	1.88

Couplers Female Thread



Part No.	Thread Size BSPP	Body Size	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	Body Size	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
QKPS 02-02SF	G1/4	1/4	48.0	24.0	28.0	QKPS 02-N02SF	NPT1/4	1/4	1.88	0.94	1.10
QKPS 03-03SF	G3/8	3/8	65.0	27.0	32.0	QKPS 03-N03SF	NPT3/8	3/8	2.55	1.06	1.25
QKPS 03-04SF	G1/2	3/8	70.0	27.0	32.0	QKPS 03-N04SF	NPT1/2	3/8	2.75	1.06	1.25
QKPS 04-04SF	G1/2	1/2	79.0	36.0	40.0	QKPS 04-N04SF	NPT1/2	1/2	3.11	1.41	1.57
QKPS 04-06SF	G3/4	1/2	79.0	36.0	40.0	QKPS 04-N06SF	NPT3/4	1/2	3.11	1.41	1.57
QKPS 06-06SF	G3/4	3/4	79.0	36.0	41.0	QKPS 06-N06SF	NPT3/4	3/4	3.11	1.41	1.63
QKPS 08-08SF	G1	1	93.0	45.0	48.0	QKPS 08-N08SF	NPT1	1	3.66	1.77	1.88

THREAD-TO-CONNECT UNDER PRESSURE COUPLINGS



Applications

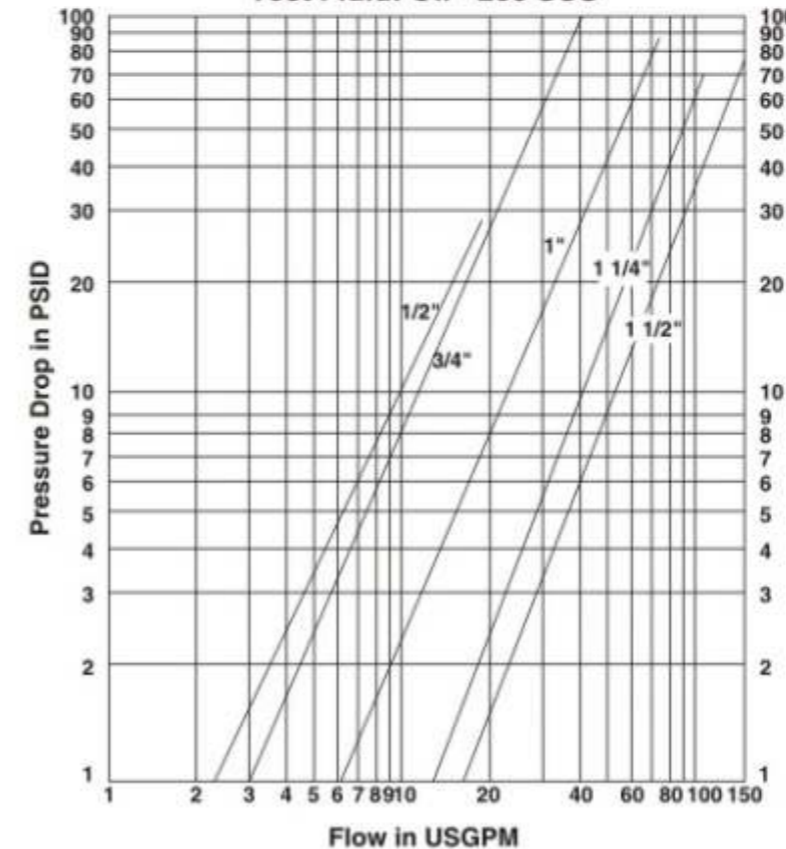
- QKTF Series, thread-to-connect couplings can be used in a wide range of industrial applications where heavy-duty couplings are required that can be connected under pressure, with little or no spillage. QKTF is ideal for connecting hydraulic lines on oil field equipment like power tongs, swivels and mobile drilling rigs. It is also widely used on dump trailers to connect the tractor to wet-line hydraulic systems.
- Other uses include: submersible pumps, engine test stands, and many other applications where high pressure, heavy duty couplings are required.

Specifications

Body Size (in)	3/4	1	1 1/4
Rated Pressure (Bar)	200	200	200
Material:	Brass & Carbon steel		
Standard seal material:	NBR (other material is available on request)		
Temperature Range (Std seals):	-20°C to +80°C		

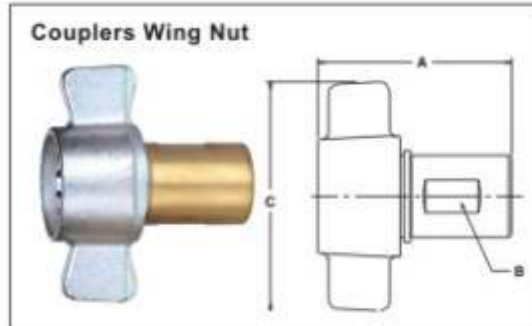
Performance

QKTF Series (1/2; 3/4; 1; 1 1/4; 1 1/2") Test Fluid: Oil - 200 SUS



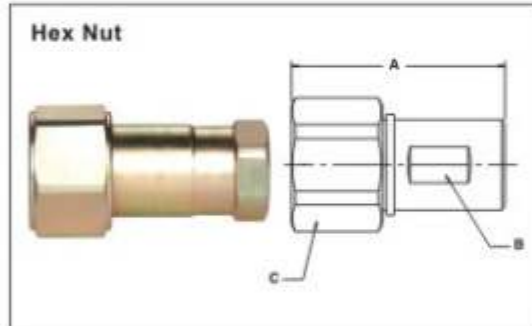
THREAD-TO-CONNECT UNDER PRESSURE COUPLINGS

Connect Under Pressure Couplings



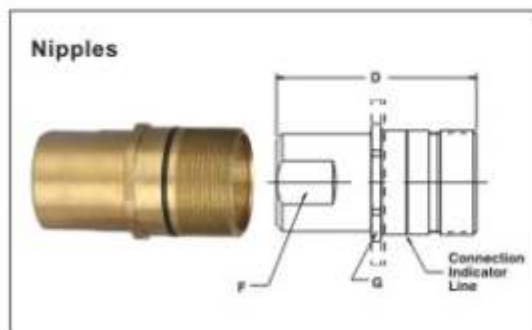
Part No.	Thread Size NPT	Body Size	Dimensions (in.) Overall Length	Dimensions (in.) Wrench Flats	Dimensions (in.) Wing Nut
			A	B	C
QKTF 06-N04SF	NPT1/2	3/4	3.22	1.16	4.06
QKTF 06-N06SF	NPT3/4	3/4	3.22	1.16	4.06
QKTF 08-N08SF	NPT 1	1	3.87	1.43	4.38
QKTF 10-N10SF	NPT 1 1/4	1 1/4	4.16	1.78	5.20

Contact us for BSPP port availability



Part No.	Thread Size NPT	Body Size	Dimensions (in.) Overall Length	Dimensions (in.) Wrench Flats	Dimensions (in.) Wing Nut
			A	B	C
QKTF 06-N04HF	NPT1/2	3/4	3.22	1.16	1.75
QKTF 06-N06HF	NPT3/4	3/4	3.22	1.16	1.75
QKTF 08-N08HF	NPT 1	1	3.87	1.43	2.13
QKTF 10-N10HF	NPT 1 1/4	1 1/4	4.16	1.78	2.50

Contact us for BSPP port availability



Part No.	Thread Size NPT	Body Size	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Wrench Flats
			D	G	F
QKTF 06-N04PF	NPT1/2	3/4	3.11	1.62	1.18
QKTF 06-N06PF	NPT3/4	3/4	3.11	1.62	1.18
QKTF 08-N08PF	NPT 1	1	3.55	1.88	1.56
QKTF 10-N10PF	NPT 1 1/4	1 1/4	3.71	2.13	1.88

Contact us for BSPP port availability

THREAD LOCKED TYPE HYDRAULIC COUPLINGS



Features

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

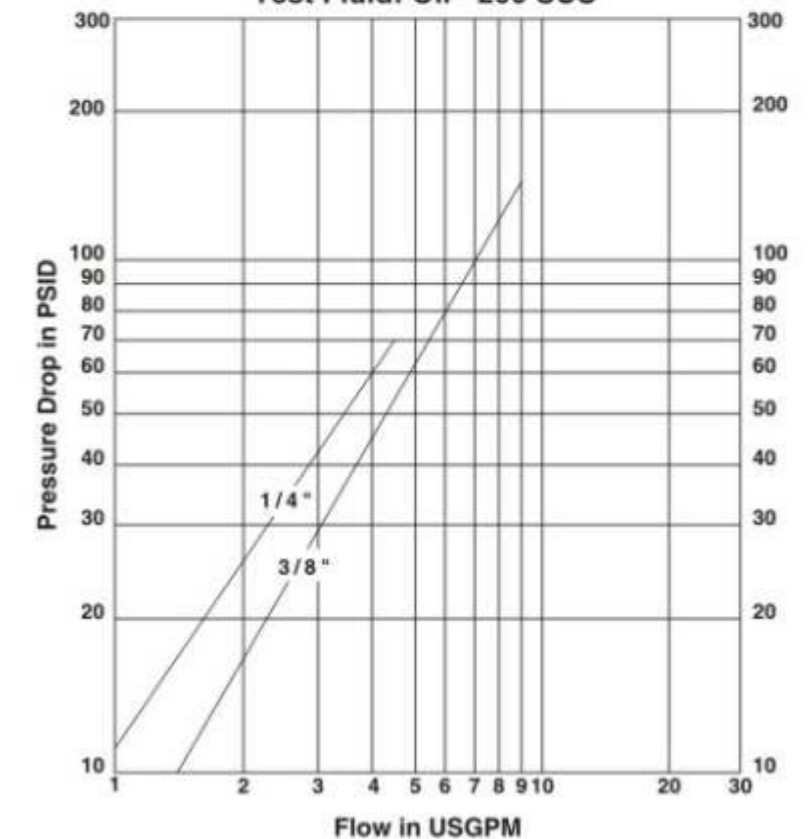
Specifications

Body Size	1/4	3/8	1/2	3/4
Rated Pressure (Bar)	750		600	
Rated Flow (GPM)	3	6	8	10
Temperature Range (std seals)	-20°C to +80°C			

Applications

• QKTL Series couplings with their threaded union locking system and precision ball-type check valves, are designed for extreme high pressure applications such as found on portable hydraulic rams. See pages noted in Table of Contents for dust plugs and caps for the Parker full line of hydraulic couplings.

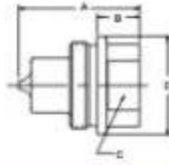
Performance QKTL Series (1/4; 3/8") Test Fluid: Oil - 200 SUS



THREAD LOCKED TYPE HYDRAULIC COUPLINGS

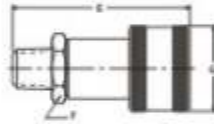
Poppet Valve Type

Nipples Female Thread



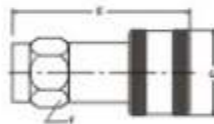
Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
QKTL-02PF	G1/4	33.0	12.0	19.0	29.0	QKTL-N02PF	NPT1/4	1.29	0.48	0.75	1.13
QKTL-03PF	G3/8	40.0	13.0	24.0	32.0	QKTL-N03PF	NPT3/8	1.58	0.50	0.94	1.25
QKTL-04PF	G1/2	49.0	22.0	27.0	38.0	QKTL-N04PF	NPT1/2	1.92	0.86	1.06	1.49
QKTL-06PF	G3/4	70.0	40.0	50.0	56.0	QKTL-N06PF	NPT3/4	2.75	1.57	1.96	2.20

Couplers Male Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
QKTL-02SFM	G1/4	60.0	21.0	29.0	QKTL-N02SFM	NPT1/4	2.38	0.81	1.13
QKTL-03SFM	G3/8	73.0	25.0	35.0	QKTL-N03SFM	NPT3/8	2.88	1.00	1.38
QKTL-04SFM	G1/2	63.0	27.0	45.0	QKTL-N04SFM	NPT1/2	2.48	1.06	1.77
QKTL-06SFM	G3/4	82.0	38.0	42.0	QKTL-N06SFM	NPT3/4	3.22	1.49	1.65

Couplers Female Thread

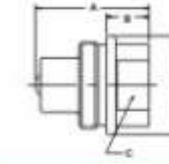


Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
QKTL-02SFF	G1/4	60.0	21.0	29.0	QKTL-N02SFF	NPT1/4	2.38	0.81	1.13
QKTL-03SFF	G3/8	73.0	25.0	35.0	QKTL-N03SFF	NPT3/8	2.88	1.00	1.38
QKTL-04SFF	G1/2	63.0	27.0	45.0	QKTL-N04SFF	NPT1/2	2.48	1.06	1.77
QKTL-06SFF	G3/4	82.0	38.0	42.0	QKTL-N06SFF	NPT3/4	3.22	1.49	1.65

THREAD LOCKED TYPE HYDRAULIC COUPLINGS

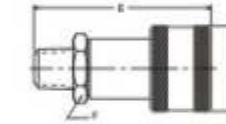
Steel Ball Valve Type

Nipples Female Thread



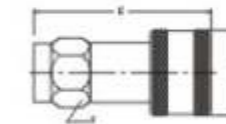
Part No.	Thread Size BSPP	A Overall Length (mm.)	B Exposed Length (mm.)	C Hex Size (mm.)	D Largest Diameter (mm.)	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)	D Largest Diameter (in.)
QKTL-02PF-B	G1/4	33.0	12.0	19.0	29.0	QKTL-N02PF-B	NPT1/4	1.29	0.48	0.75	1.13
QKTL-03PF-B	G3/8	40.0	13.0	24.0	32.0	QKTL-N03PF-B	NPT3/8	1.58	0.50	0.94	1.25
QKTL-04PF-B	G1/2	49.0	22.0	27.0	38.0	QKTL-N04PF-B	NPT1/2	1.92	0.86	1.06	1.49
QKTL-06PF-B	G3/4	70.0	40.0	50.0	56.0	QKTL-N06PF-B	NPT3/4	2.75	1.57	1.96	2.20

Couplers Male Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
QKTL-02SFM-B	G1/4	60.0	21.0	29.0	QKTL-N02SFM-B	NPT1/4	2.38	0.81	1.13
QKTL-03SFM-B	G3/8	73.0	25.0	35.0	QKTL-N03SFM-B	NPT3/8	2.88	1.00	1.38
QKTL-04SFM-B	G1/2	63.0	27.0	45.0	QKTL-N04SFM-B	NPT1/2	2.48	1.06	1.77
QKTL-06SFM-B	G3/4	82.0	38.0	42.0	QKTL-N06SFM-B	NPT3/4	3.22	1.49	1.65

Couplers Female Thread



Part No.	Thread Size BSPP	E Overall Length (mm.)	F Hex Size (mm.)	G Largest Diameter (mm.)	Part No.	Thread Size NPT	E Overall Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
QKTL-02SFF-B	G1/4	60.0	21.0	29.0	QKTL-N02SFF-B	NPT1/4	2.38	0.81	1.13
QKTL-03SFF-B	G3/8	73.0	25.0	35.0	QKTL-N03SFF-B	NPT3/8	2.88	1.00	1.38
QKTL-04SFF-B	G1/2	63.0	27.0	45.0	QKTL-N04SFF-B	NPT1/2	2.48	1.06	1.77
QKTL-06SFF-B	G3/4	82.0	38.0	42.0	QKTL-N06SFF-B	NPT3/4	3.22	1.49	1.65



Applications

+ Moldmate couplings are specifically designed for connecting coolant lines to molds and dies, on injection molding machinery in the plastics and die casting industries. Moldmate couplings significantly reduce machine downtime by providing fast and easy connection of coolant lines during mold changes. Their short nipples can be recessed below the surface of the mold for more efficient storage of molds. Moldmate couplers are available with or without valves in the female half. Non-valved couplers provide maximum flow for efficient cooling. Valved couplers shut off when disconnected.

Specifications

Body Size(in)	1/4	3/8	1/2
Rated Pressure(Bar)	15	15	15
Material:	Brass		
Standard seal material:	SILICONE (Viton is available on request)		
Temperature Range(Std seals):	-68°C to +205°C		

Selection Guidelines

+ Moldmate couplings are designed for a maximum working pressure of 200 PSI. Most thermoplastic and thermoset heat transfer systems have pumps which provide relatively high flow rates at relatively low pressures. Water and water glycol (anti-freeze) systems usually have capacities ranging from 10 to 40 gpm, with most from 10 to 15 gpm. Normal medial opening pressures are 20 to 60 PSI for these systems. Heat transfer systems using oil generally operate from 10 to 30 PSI. However, their flow rates are usually much higher, requiring the total volume of oil to be circulated at least once per minute.

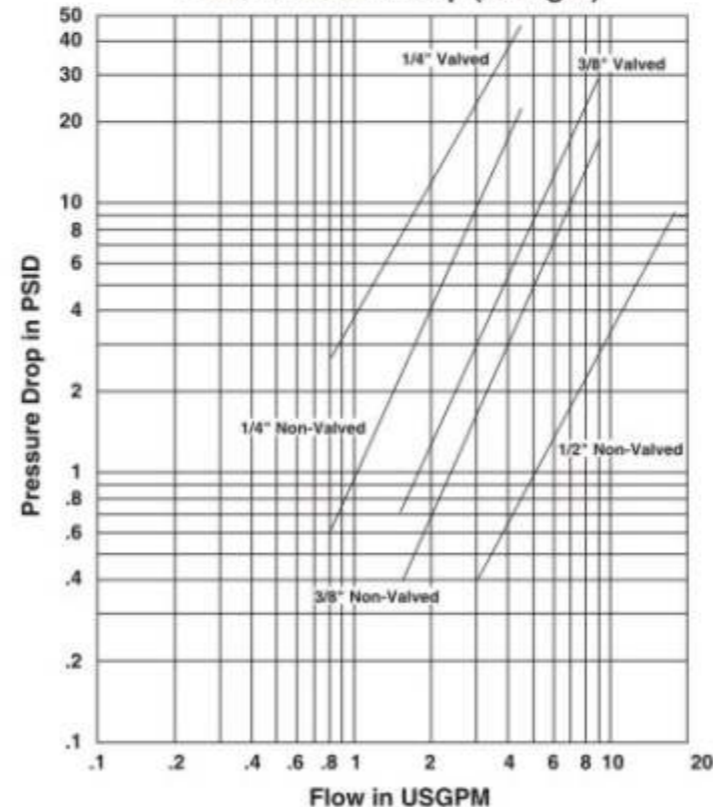
+ The number of hose connections in a single mold system results in a cumulative pressure drop. Please note the Pressure Drop vs. Flow Rate chart provided, to select the appropriate size.

+ Temperature is another important consideration. Parker moldmate couplings with their standard Silicone seal have a temperature capability of -68°C to +205°C. Rapid deterioration of the seal and leakage may result if used beyond these limits.

+ External conditions of temperature, corrosive atmospheres, and other abnormalities may affect coupling performance and must be considered when selection is made. Consult factory with questions.

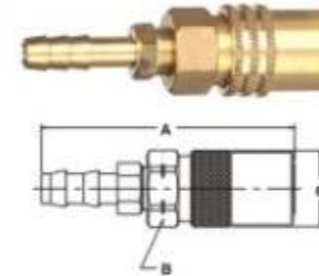
Performance

**Moldmate Series (1/4; 3/8; 1/2")
Water Pressure Drop (Straight)**



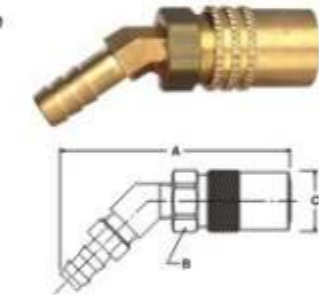
Mold Coolant Line Couplers

**Couplers
Straight**



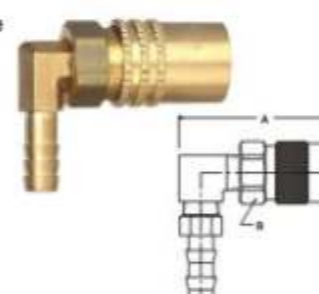
Part No.	Hose I.d	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)
PC204	1/4	2.10	0.62	0.71
PC205	5/16	2.10	0.62	0.71
PC206	3/8	2.10	0.62	0.71
PC306	3/8	3.01	0.88	0.96
PC308	1/2	3.15	0.88	0.96
PC504	1/2	3.55	1.12	1.30
PC506	3/4	3.80	1.12	1.21

45 Degree



Part No.	Hose I.d	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)
PC224	1/4	2.67	0.56	0.71
PC225	5/16	2.69	0.56	0.71
PC226	3/8	2.71	0.56	0.71
PC326	3/8	3.65	0.88	0.96
PC328	1/2	3.69	0.88	0.96
PC524	1/2	4.18	1.12	1.30
PC526	3/4	4.56	1.12	1.21

90 Degree



Part No.	Hose I.d	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)
PC214	1/4	1.78	0.56	0.71
PC215	5/16	1.78	0.56	0.71
PC216	3/8	1.78	0.56	0.71
PC316	3/8	2.78	0.88	0.96
PC318	1/2	2.78	0.88	0.96
PC514	1/2	3.50	1.12	1.30
PC516	3/4	3.50	1.12	1.21

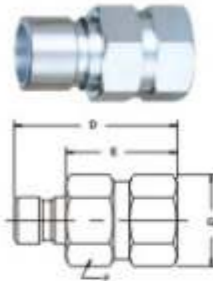
Sub Assemblies

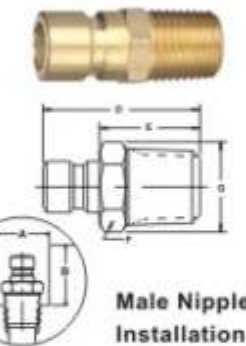


Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)
PC200	1/4	1/8	1.15	0.56
PC300	5/16	1/4	1.84	0.88
PC500	3/8	1/2	2.02	1.12

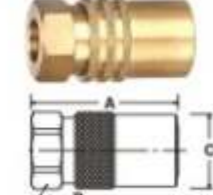
MOLD COOLANT-LINE QUICK COUPLERS / D-M-E PARKER AND FOSTER INTERCHANGE

Mold Coolant Line Plugs

Nipples Female Pipe Thread	Part No.	Thread Size NPT	D Overall Length (in.)	E Exposed Length (in.)	F Hex Size (in.)	G Largest Dia. (in.)
	MP251F	1/8	0.97	0.58	0.58	0.50
	MP252F	1/4	1.28	0.89	0.72	0.63
	MP253F	3/8	1.41	1.02	0.87	0.75
	MP352F	1/4	1.48	0.88	0.72	0.63
	MP353F	3/8	1.58	0.98	0.87	0.75
	MP354F	1/2				
	MP356F	3/4				

Male Pipe Thread	Part No.	Thread Size NPT	D Overall Length (in.)	E Exposed Length (in.)	F Hex Size (in.)	G Largest Dia. (in.)	A Largest Dia. (in.)	B Recess (in.)
	PN251	1/8	0.94	0.54	0.44	0.51	0.69	0.69
	PN252	1/4	1.13	0.74	0.56	0.67	0.84	0.94
	PN253	3/8	1.19	0.79	0.69	0.79	1.00	0.94
	PN352	1/4	1.34	0.74	0.56	0.65	1.00	1.09
	PN353	3/8	1.38	0.78	0.69	0.59	1.00	1.13
	PN354	1/2	1.59	0.99	0.88	1.01	1.19	1.25
	PN554	1/2	1.69	0.92	0.88	1.01	1.25	1.50
	PN556	3/4	1.75	0.99	1.12	1.30	1.50	1.56

Valved

Sub Assemblies	Part No.	Thread Size NPT	A Overall Length (in.)	B Exposed Length (in.)	C Hex Size (in.)
	PC200V	1/8	1.15	0.56	0.71
	PC300V	1/4	1.84	0.88	0.96

Male Pipe Thread	Part No.	Thread Size NPT	D Overall Length (in.)	E Exposed Length (in.)	F Hex Size (in.)	G Largest Dia. (in.)
	PN252V	1/4	1.13	0.74	0.56	0.67
	PN352V	1/4	1.34	0.74	0.56	0.65
	PN353V	3/8	1.38	0.78	0.69	0.59

STRAIGHT THROUGH COUPLINGS / INDUSTRIAL INTERCHANGE



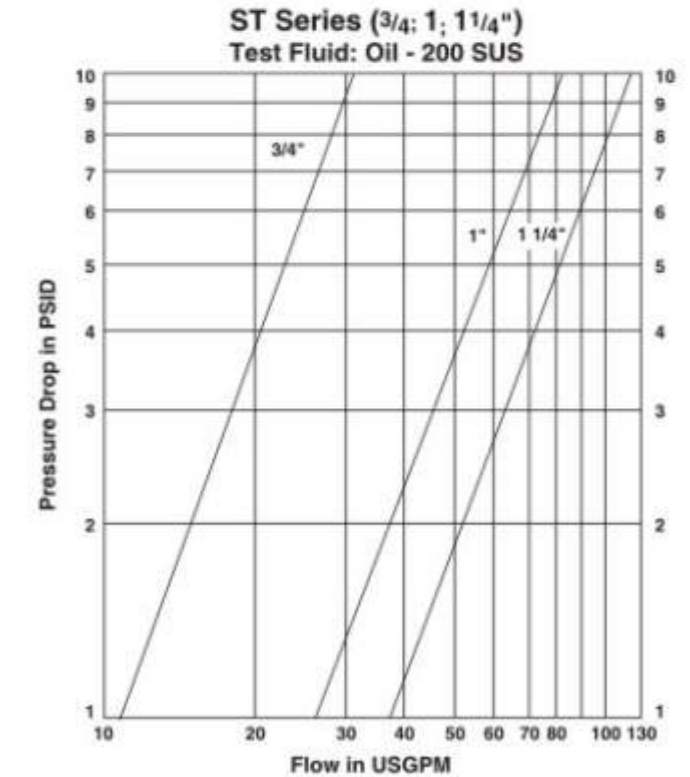
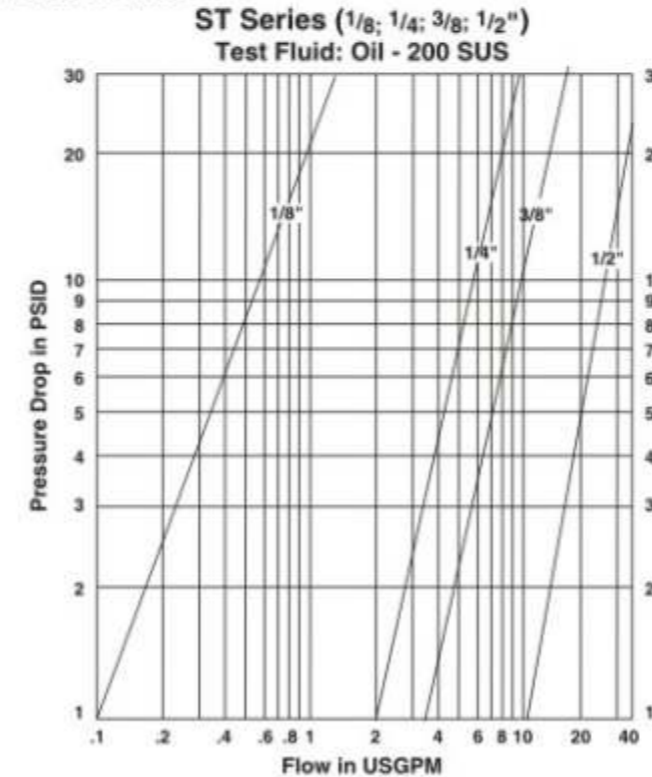
Applications

* ST Series are non-valved couplings for applications where maximum flow is required. Their smooth, open bore offers the lowest pressure drop of any quick coupling design and is ideal for applications such as high-pressure water and steam washers, carpet cleaners and mold coolant lines. They are often used in food processing, on fluid and dye transfer lines.

Specifications

Body Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
Rated Pressure (PSI)								
Brass	2500	5200	2700	2200	1700	1200	1700	1400
Steel	2600	5500	3500	2700	2700	2000	-	-
Stainless Steel	4200	6700	5500	3000	3000	1700	-	-
Rated Flow	3	6	12	12	28	50	76	100
Temperature Range (std seals)	-20°C to +100°C							

Performance



STRAIGHT THROUGH COUPLINGS / INDUSTRIAL INTERCHANGE

Couplers Female Thread	Part No. (Brass)	Part No. (Stainless)	Thread Size NPT	A Overall Length (in.)	B Wrench Flate (in.)	C Largest Diameter (in.)
	ST1SF	ST1SF-304				
	ST2SF	ST2SF-304	1/4	1.54	0.81	0.94
	ST3SF	ST3SF-304	3/8	1.59	1.00	1.16
	ST4SF	ST4SF-304	1/2	1.98	1.13	1.30
	ST6SF	ST6SF-304	3/4	2.15	1.44	1.66
	ST8SF	ST8SF-304	1	2.43	1.75	2.02
	ST10SF		1 1/4	2.44	2.00	2.51
	ST12SF		1 1/2	2.88	2.50	3.00

Couplers Male Thread	Part No. (Brass)	Part No. (Stainless)	Thread Size NPT	A Overall Length (in.)	B Wrench Flate (in.)	C Largest Diameter (in.)
	ST1SM	ST1SM-304				
	ST2SM	ST2SM-304	1/4	1.69	0.81	0.81
	ST3SM	ST3SM-304	3/8	1.75	1.00	1.16
	ST4SM	ST4SM-304	1/2	1.94	1.13	1.30
	ST6SM		3/4	2.17	1.44	1.66
	ST8SM		1	2.53	1.75	2.02

Nipples Female Thread	Part No. (Brass)	Part No. (Stainless)	Part No. (Steel)	Thread Size NPT	D Overall Length (in.)	E Exposed Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
	ST1PF	ST1PF-304	ST1PF-S					
	ST2PF	ST2PF-304	ST2PF-S	1/4	1.46	0.74	0.75	0.87
	ST3PF	ST3PF-304	ST3PF-S	3/8	1.62	0.96	1.38	1.59
	ST4PF	ST4PF-304	ST4PF-S	1/2	1.85	0.95	1.13	1.30
	ST6PF		ST6PF-S	3/4	2.15	1.09	1.38	1.59
	ST8PF		ST8PF-S	1	2.35	1.18	1.63	1.88
	ST10PF		ST10PF-S	1 1/4	2.38	1.11	2.00	2.31
	ST12PF		ST12PF-S	1 1/2	2.81	1.17	2.38	2.74

Nipples Male Thread	Part No. (Brass)	Part No. (Stainless)	Part No. (Steel)	Thread Size NPT	D Overall Length (in.)	E Exposed Length (in.)	F Hex Size (in.)	G Largest Diameter (in.)
	ST1PM	ST1PM-304	ST1PM-S					
	ST2PM	ST2PM-304	ST2PM-S	1/4	1.53	0.81	0.56	0.65
	ST3PM	ST3PM-304	ST3PM-S	3/8	1.69	0.86	0.69	0.79
	ST4PM	ST4PM-304	ST4PM-S	1/2	1.94	1.01	0.88	1.01
	ST6PM		ST6PM-S	3/4	2.19	1.11	1.06	1.23
	ST8PM		ST8PM-S	1	2.51	1.34	1.38	1.59

GARDEN HOSE COUPLINGS



Features

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

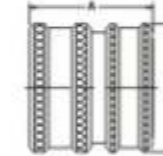
Applications

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

Specifications

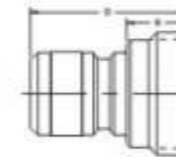
Body Size	3/4"
Rated Pressure (PSI)	200
Rated Flow (GPM)	28
Temperature Range (std seals)	-20°C to +100°C

Couplers Female Thread



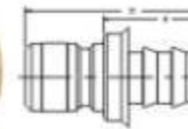
Body Size	Part No.	Thread Size NH	Overall Length A (in.)	Largest Diameter C (in.)	Wt. (LB.) P/Piece (in.)
3/4	GH-60SF	3/4-11 1/2	1.16	1.21	0.12

Nipple Male Thread



Body Size	Part No.	Thread Size NH	Overall Length D (in.)	Exposed Length E (in.)	Wt. (LB.) P/Piece (in.)
3/4	GH-60PF	3/4-11 1/2	1.25	0.50	0.08

Nipple Hose Stem



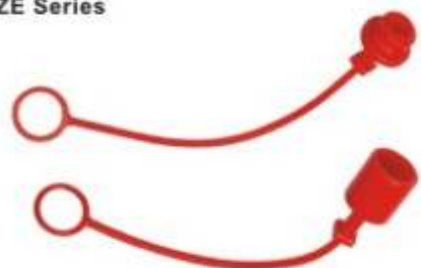
Body Size	Part No.	Thread Size NH	Overall Length D (in.)	Exposed Length E (in.)	Wt. (LB.) P/Piece (in.)
3/4	GH-60HF	3/4-11 1/2	1.78	1.00	0.11

DUST PLUGS AND DUST CAPS

Dust Plug: Used on Coupler (female half)

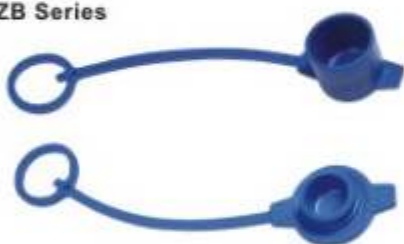
Dust Cap: Used on Nipple (male half)

KZE Series



Body Size (in.)	Dust Plug Part No. Rubber	Dust Cap Part No. Rubber
1/4	CZE-1/4	PZE-1/4
3/8	CZE-3/8	PZE-3/8
1/2	CZE-1/2	PZE-1/2
3/4	CZE-3/4	PZE-3/4
1	CZE-1	PZE-1

KZB Series



Body Size (in.)	Dust Plug Part No. Rubber	Dust Cap Part No. Rubber
1/4	CZB-1/4	PZB-1/4
3/8	CZB-3/8	PZB-3/8
1/2	CZB-1/2	PZB-1/2
3/4	CZB-3/4	PZB-3/4
1	CZB-1	PZB-1

QKTL Series



Body Size (in.)	Dust Plug Part No. Steel	Dust Cap Part No. Steel
1/4	CTL-1/4	PTL-1/4
3/8	CTL-3/8	PTL-3/8

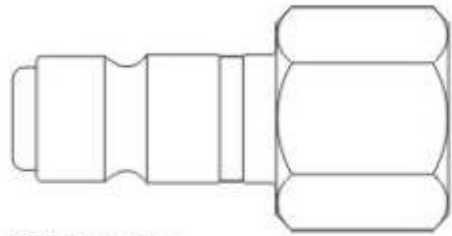
Pneumatic Quick Couplings

PNEUMATIC COUPLING DESIGNS

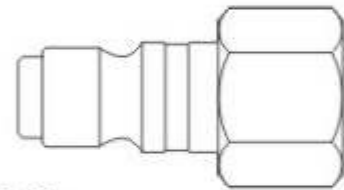
QPE Quick Coupling Division manufactures quick couplings to interchange with popular designs that have become accepted standards in the industry today. The

actual size nipple chart below can be used to help select Parker Quick Couplings that will interchange with specific nipple designs and sizes.

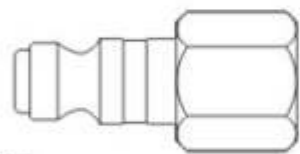
"T" Series (Tru-Flate Interchange)



1/2" Body Size

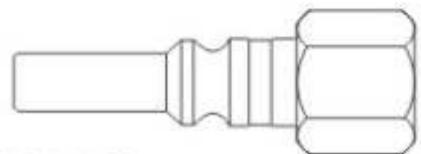


3/8" Body Size



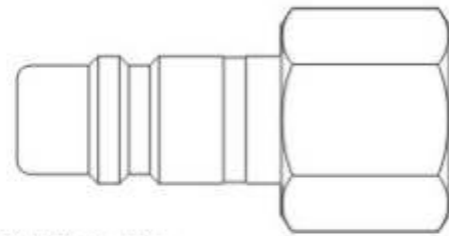
1/4" Body Size

"L" Series (Lincoln Interchange)

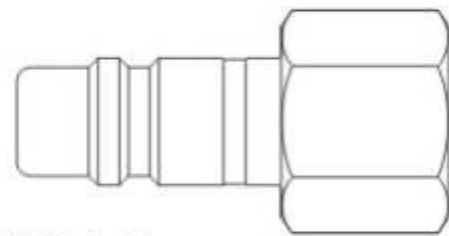


1/4" Body Size

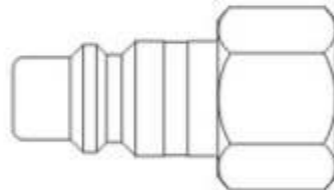
"I" Series (Industrial Interchange)



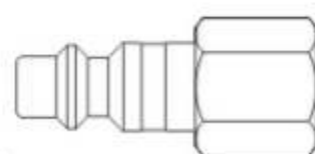
3/4" Body Size



1/2" Body Size

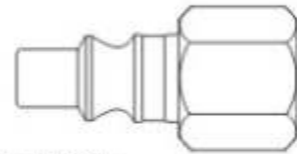


3/8" Body Size



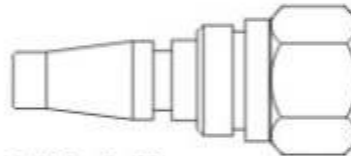
1/4" Body Size

"A" Series (ARO-210 Interchange)



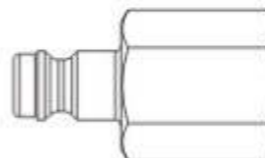
1/4" Body Size

"S" Series (Schrader Interchange)

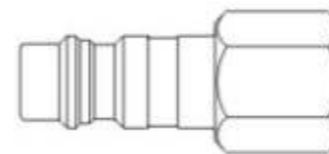


1/4" Body Size

"E" Series (Rectus Series 21 Interchange)



1/8" Body Size



1/4" Body Size

PNEUMATIC SINGLE SHUT-OFF

UNIVERSAL SERIES
ARO, TRU-FLATE, INDUSTRIAL INTERCHANGE

Features

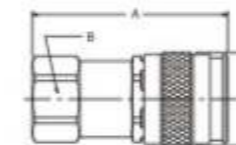
- The 1/4" Universal Coupler will accept the industrial interchange, tru-flate, and ARO.210 style nipples.
- The coupler features automatic push-to-connect operation, high flow machined "window valve," corrosion resistant solid brass construction and a sleeve guard which helps prevent accidental disconnects and protects the sleeve from damage.
- The coupler is available with male or female pipe thread ports.
- While the best quick coupling performance is obtained by matching like series couplers and nipples, the universal coupler permits multiple series nipples to mate with one coupler.



Specifications

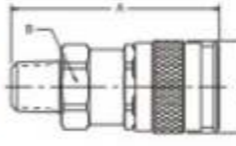
Body Size	1/4
Rated Pressure (PSI)	150
Temperature Range (Nitrile seal)	-40° to +250°F.
Locking Device	4 balls
Vacuum Service	Not Recommended

Couplers Female Pipe Thread



Part No. Brass	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
USF-N02	1/4	1/4-18	2.06	0.81	0.98

Male Pipe Thread



Part No. Brass	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
USM-N02	1/4	1/4-18	2.21	0.81	0.98
USM-N03	1/4	3/8-18	2.21	0.81	0.98

Features

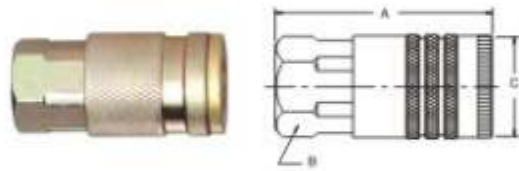
- * "A" series couplings are interchangeable with ARO 210 series couplings
- * "A" couplings have a full opening tubular valve for maximum flow and a built-in sleeve guard to minimize accidental disconnect.
- The "A" Series is only available in 1/4" body size.
- * Standard seal material is nitrile. See the Coupling Selection and Ordering Information guide at the beginning of Section A and the Fluid Compatibility Chart at the end of this catalog for optional materials.

Specifications

Body Size	1/4
Rated Pressure (PSI)	250
Temperature Range (Nitrile seal)	-40° to +250°F.
Locking Device	6 balls/locking pin



Manual couplers with 6 locking BOLLS
Female Pipe Thread



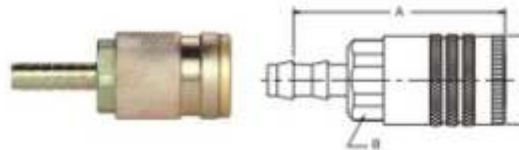
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ASF-N01	1/4	1/8-27	1.86	0.75	0.88
ASF-N02	1/4	1/4-18	1.92	0.81	0.94
ASF-N03	1/4	3/8-18	1.92	0.81	0.94

Male Pipe Thread



Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ASM-N02	1/4	1/4-18	2.08	0.75	0.88
ASM-N03	1/4	3/8-18	2.11	0.75	0.88

Standard Hose Barb



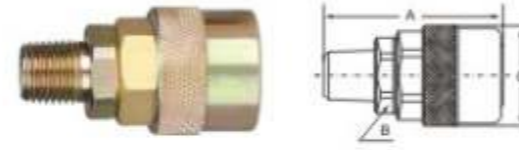
Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ASH-1/4	1/4	1/4	2.35	0.75	0.88
ASH-3/8	1/4	3/8	2.50	0.75	0.88

Automatic Coupler With Locking PIN
Female Pipe Thread



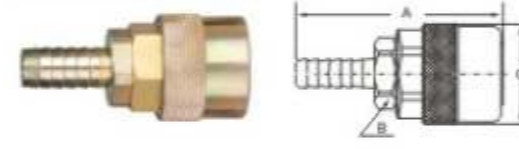
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ASFA-N01	1/4	1/8-27	1.86	0.75	0.88
ASFA-N02	1/4	1/4-18	1.92	0.81	0.94
ASFA-N03	1/4	3/8-18	1.92	0.81	0.94

Male Pipe Thread



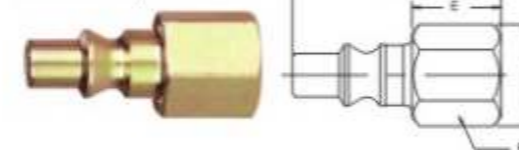
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ASMA-N02	1/4	1/4-18	2.08	0.75	0.88
ASMA-N03	1/4	3/8-18	2.11	0.75	0.88

Standard Hose Barb



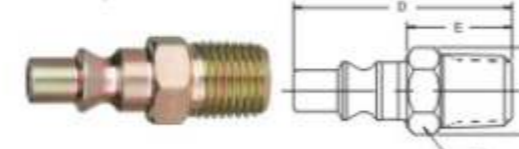
Part No.	Body Size (in.)	Hose L.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ASHA-1/4	1/4	1/4	2.35	0.75	0.88
ASHA-3/8	1/4	3/8	2.50	0.75	0.88

Nipples
Female Pipe Thread



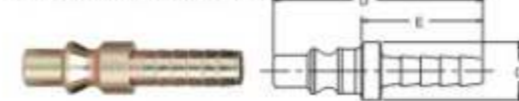
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	F	G
APF-N02	1/4	1/4-18	1.47	0.66	0.62	0.72

Male Pipe Thread



Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	F	G
APM-N02	1/4	1/4-18	1.62	0.82	0.56	0.65

Standard Hose Barb



Part No.	Body Size (in.)	Hose L.d.	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Largest Diameter
			D	E	G
APH1/4	1/4	1/4	2.00	1.19	0.55



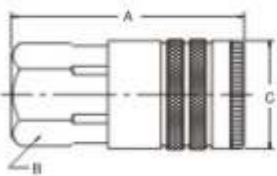
Features

- "I" series couplings are interchangeable with INDUSTRIAL INTERCHANGE series couplings
- "I" series couplings have a full opening tubular valve for maximum flow and a built-in sleeve guard to minimize accidental disconnect.
- The "I" Series is available in 1/4" 3/8" 1/2" body size. Standard seal material is nitrile. See the Coupling Selection and Ordering Information guide at the beginning of Section A and the Fluid Compatibility Chart at the end of this catalog for optional materials.

Specifications

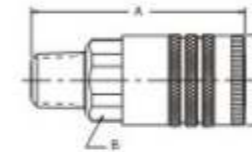
Body Size	1/4	3/8	1/2
Rated Pressure (psi)	300	300	300
Temperature Range (std seals)	-40° to +250°F.		
Locking Device	6 balls/locking pin		

Manual couplers with 6 locking BOLLS
Female Pipe Thread



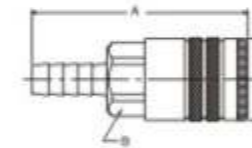
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ISF2-N01	1/4	1/8-27	1.83	0.75	0.88
ISF2-N02	1/4	1/4-18	1.83	0.75	0.88
ISF2-N03	1/4	3/8-18	1.95	0.81	0.94
ISF3-N02	3/8	1/4-18	2.22	0.88	1.06
ISF3-N03	3/8	3/8-18	2.28	0.88	1.06
ISF3-N04	3/8	1/2-14	2.55	1.00	1.16
ISF4-N03	1/2	3/8-18	2.74	1.00	1.19
ISF4-N04	1/2	1/2-14	2.96	1.00	1.19
ISF4-N06	1/2	3/4-14	3.19	1.25	1.44

Male Pipe Thread



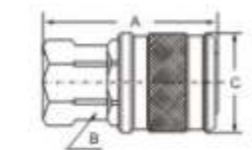
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ISM2-N01	1/4	1/8-27	1.89	0.75	0.88
ISM2-N02	1/4	1/4-18	2.05	0.75	0.88
ISM2-N03	1/4	3/8-18	2.08	0.75	0.88
ISM3-N02	3/8	1/4-18	2.36	0.88	1.06
ISM3-N03	3/8	3/8-18	2.39	0.88	1.06
ISM3-N04	3/8	1/2-14	2.55	0.88	1.06
ISF4-N03	1/2	3/8-18	2.93	1.00	1.19
ISF4-N04	1/2	1/2-14	3.08	1.00	1.19
ISF4-N06	1/2	3/4-14	3.21	1.13	1.30

Standard Hose Barb



Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ISH2-1/4	1/4	1/4	2.49	0.75	0.88
ISH2-5/16	1/4	5/16	2.49	0.75	0.88
ISH2-3/8	1/4	3/8	2.49	0.75	0.88
ISH3-3/8	3/8	3/8	2.86	0.88	1.06
ISH3-1/2	3/8	1/2	3.08	0.88	1.06
ISH4-3/8	1/2	3/8	3.37	1.00	1.19
ISH4-1/2	1/2	1/2	3.62	1.00	1.19
ISH4-3/4	1/2	3/4	3.96	1.00	1.19

Automatic Coupler With Locking PIN
Female Pipe Thread

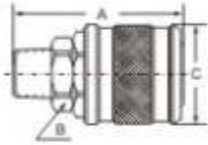


Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ISFA2-N01	1/4	1/8-27	1.89	0.75	0.88
ISFA2-N02	1/4	1/4-18	2.05	0.75	0.88
ISFA2-N03	1/4	3/8-18	2.08	0.75	0.88
ISFA3-N02	3/8	1/4-18	2.36	0.88	1.06
ISFA3-N03	3/8	3/8-18	2.39	0.88	1.06
ISFA3-N04	3/8	1/2-14	2.55	0.88	1.06
ISFA4-N03	1/2	3/8-18	2.93	1.00	1.19
ISFA4-N04	1/2	1/2-14	3.08	1.00	1.19
ISFA4-N06	1/2	3/4-14	3.21	1.13	1.30

PNEUMATIC SINGLE SHUT-OFF

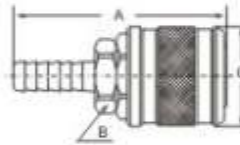
"I"Series/INDUSTRIAL INTERCHANGE

Male Pipe Thread



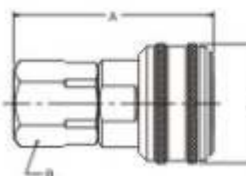
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ISMA2-N01	1/4	1/8-27	1.89	0.75	0.88
ISMA2-N02	1/4	1/4-18	2.05	0.75	0.88
ISMA2-N03	1/4	3/8-18	2.08	0.75	0.88
ISMA3-N02	3/8	1/4-18	2.36	0.88	1.06
ISMA3-N03	3/8	3/8-18	2.39	0.88	1.06
ISMA3-N04	3/8	1/2-14	2.55	0.88	1.06
ISFA4-N03	1/2	3/8-18	2.93	1.00	1.19
ISFA4-N04	1/2	1/2-14	3.08	1.00	1.19
ISFA4-N06	1/2	3/4-14	3.21	1.13	1.30

Standard Hose Barb



Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ISHA2-1/4	1/4	1/4	2.49	0.75	0.88
ISHA2-5/16	1/4	5/16	2.49	0.75	0.88
ISHA2-3/8	1/4	3/8	2.49	0.75	0.88
ISHA3-3/8	3/8	3/8	2.86	0.88	1.06
ISHA3-1/2	3/8	1/2	3.08	0.88	1.06
ISHA4-3/8	1/2	3/8	3.37	1.00	1.19
ISHA4-1/2	1/2	1/2	3.62	1.00	1.19
ISHA4-3/4	1/2	3/4	3.96	1.00	1.19

Automatic Coupler With 3 Balls Female Pipe Thread

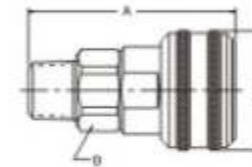


Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
BSF2-N01	1/4	1/8-27	1.96	0.75	1.20
BSF2-N02	1/4	1/4-18	1.96	0.75	1.20
BSF2-N03	1/4	3/8-18	2.03	0.81	1.20
BSF3-N02	3/8	1/4-18	2.26	0.88	1.39
BSF3-N03	3/8	3/8-18	2.33	0.88	1.39
BSF3-N04	3/8	1/2-14	2.57	1.00	1.39
BSF4-N03	1/2	3/8-18	2.76	1.00	1.52
BSF4-N04	1/2	1/2-14	3.00	1.00	1.52
BSF4-N06	1/2	3/4-14	3.12	1.25	1.52

PNEUMATIC SINGLE SHUT-OFF

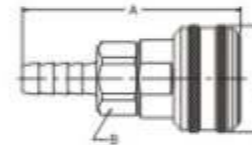
"I"Series/INDUSTRIAL INTERCHANGE

Male Pipe Thread



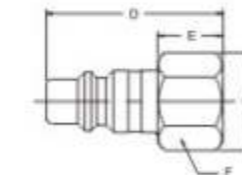
Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
BSM2-N01	1/4	1/8-27	2.03	0.75	1.20
BSM2-N02	1/4	1/4-18	2.18	0.75	1.20
BSM2-N03	1/4	3/8-18	2.18	0.75	1.20
BSM3-N02	3/8	1/4-18	2.38	0.88	1.39
BSM3-N03	3/8	3/8-18	2.44	0.88	1.39
BSM3-N04	3/8	1/2-14	2.57	0.88	1.39
BSM4-N03	1/2	3/8-18	2.92	1.00	1.52
BSM4-N04	1/2	1/2-14	3.09	1.00	1.52
BSM4-N06	1/2	3/4-14	3.12	1.13	1.52

Standard Hose Barb



Part No. Brass	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
BSH2-1/4	1/4	1/4	2.62	0.75	1.20
BSH2-5/16	1/4	5/16	2.62	0.75	1.20
BSH2-3/8	1/4	3/8	2.62	0.75	1.20
BSH3-3/8	3/8	3/8	2.85	0.88	1.39
BSH3-1/2	3/8	1/2	2.85	0.88	1.39
BSH4-1/2	1/2	1/2	3.33	1.00	1.52
BSH4-3/4	1/2	3/4	3.86	1.00	1.52

Nipples Female Pipe Thread

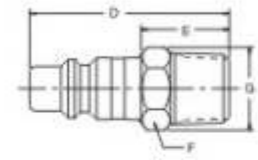


Part No. Brass	Body Size (in.)	Part No. Steel	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	F	G
IPF2-N01	1/4	IPF2-N01-S	1/8-27	1.38	0.61	0.50	0.58
IPF2-N02	1/4	IPF2-N02-S	1/4-18	1.56	0.80	0.62	0.72
IPF2-N03	1/4	IPF2-N03-S	3/8-18	1.60	0.83	0.81	0.94
IPF3-N02	3/8	IPF3-N02-S	1/4-18	1.60	0.65	0.62	0.72
IPF3-N03	3/8	IPF3-N03-S	3/8-18	1.69	0.74	0.81	0.94
IPF3-N04	3/8	IPF3-N04-S	1/2-14	1.84	0.90	1.00	1.16
IPF4-N03	1/2	IPF4-N03-S	3/8-18	2.03	0.79	0.81	0.94
IPF4-N04	1/2	IPF4-N04-S	1/2-14	2.25	1.01	1.00	1.16
IPF4-N06	1/2	IPF4-N06-S	3/4-14	2.38	1.13	1.25	1.44

PNEUMATIC SINGLE SHUT-OFF

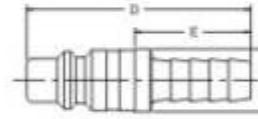
"I" Series/INDUSTRIAL INTERCHANGE

Male Pipe Thread



Part No. Brass	Body Size (in.)	Part No. Steel	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
				D	E	F	G
IPM2-N01	1/4	IPM2-N01-S	1/8-27	1.56	0.80	0.50	0.58
IPM2-N02	1/4	IPM2-N02-S	1/4-18	1.72	0.95	0.56	0.65
IPM2-N03	1/4	IPM2-N03-S	3/8-18	1.81	1.05	0.69	0.80
IPM3-N01	3/8	IPM3-N01-S	1/8-27	1.72	0.77	0.62	0.72
IPM3-N02	3/8	IPM3-N02-S	1/4-18	1.88	0.93	0.62	0.72
IPM3-N03	3/8	IPM3-N03-S	3/8-18	1.91	0.96	0.69	0.80
IPM3-N04	3/8	IPM3-N04-S	1/2-14	2.12	1.18	0.88	1.02
IPM4-N03	1/2	IPM4-N03-S	3/8-18	2.31	1.07	0.69	0.79
IPM4-N04	1/2	IPM4-N04-S	1/2-14	2.48	1.22	0.88	1.01
IPM4-N06	1/2	IPM4-N06-S	3/4-14	2.53	1.29	1.13	1.30

Standard Hose Barb



Part No. Brass	Body Size (in.)	Part No. Steel	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Largest Diameter
				D	E	F
IPH2-1/4	1/4	IPH2-1/4-S	1/4	2.09	1.33	0.55
IPH2-5/16	1/4	IPH2-5/16-S	5/16	2.09	1.33	0.55
IPH2-3/8	1/4	IPH2-3/8-S	3/8	2.09	1.33	0.55
IPH3-3/8	3/8	IPH3-3/8-S	3/8	2.19	1.24	0.62
IPH3-1/2	3/8	IPH3-1/2-S	1/2	2.19	1.52	0.68
IPH4-3/8	1/2	IPH4-3/8-S	3/8	2.53	1.29	0.68
IPH4-1/2	1/2	IPH4-1/2-S	1/2	2.53	1.57	0.68
IPH4-3/4	1/2	IPH4-3/4-S	3/4	3.06	1.91	0.93

PNEUMATIC SINGLE SHUT-OFF

"T" Series/PARKER (TRU-FLATE) INTERCHANGE



Features

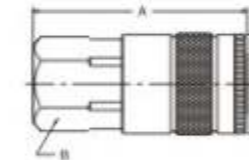
- * "T" Series couplings are the original Tru-Flate design.
- * This unique design has been field proven as a long lasting, high performance coupling especially when used with pneumatic tools.
- * Standard seals are Buna-N (Nitrile). See the Coupling Selection and Ordering Information Guide at the beginning of Section A and the Fluid Compatibility Chart at the end of this catalog for optional materials.

Specifications

Body Size	1/4	3/8	1/2
Rated Pressure (psi)	300	300	300
Temperature Range (std seals)	-40° to +250°F.		
Locking Device	6 balls/locking pin		

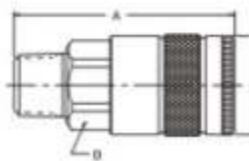
Manual couplers With 6 Locking balls

Female Pipe Thread



Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
TSF2-N01	1/4	1/8-27	1.83	0.75	0.88
TSF2-N02	1/4	1/4-18	1.83	0.75	0.88
TSF2-N03	1/4	3/8-18	1.95	0.81	0.94
TSF3-N02	3/8	1/4-18	2.22	0.88	1.06
TSF3-N03	3/8	3/8-18	2.28	0.88	1.06
TSF3-N04	3/8	1/2-14	2.55	1.00	1.16
TSF4-N03	1/2	3/8-18	2.74	1.00	1.19
TSF4-N04	1/2	1/2-14	2.96	1.00	1.19
TSF4-N06	1/2	3/4-14	3.19	1.25	1.44

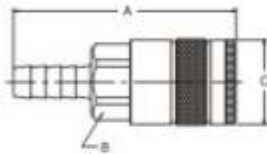
Male Pipe Thread



Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
TSM2-N01	1/4	1/8-27	1.89	0.75	0.88
TSM2-N02	1/4	1/4-18	2.05	0.75	0.88
TSM2-N03	1/4	3/8-18	2.08	0.75	0.88
TSM3-N02	3/8	1/4-18	2.36	0.88	1.06
TSM3-N03	3/8	3/8-18	2.39	0.88	1.06
TSM3-N04	3/8	1/2-14	2.55	0.88	1.06
TSM4-N03	1/2	3/8-18	2.93	1.00	1.19
TSM4-N04	1/2	1/2-14	3.08	1.00	1.19
TSM4-N06	1/2	3/4-14	3.21	1.13	1.30

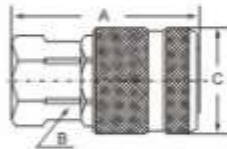
PNEUMATIC SINGLE SHUT-OFF "T" Series/PARKER (TRU-FLATE)INTERCHANGE

Standard Hose Barb



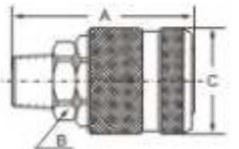
Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
TSH2-1/4	1/4	1/4	2.49	0.75	0.88
TSH2-5/16	1/4	5/16	2.49	0.75	0.88
TSH2-3/8	1/4	3/8	2.49	0.75	0.88
TSH3-3/8	3/8	3/8	2.86	0.88	1.06
TSH3-1/2	3/8	1/2	3.08	0.88	1.06
TSH4-3/8	1/2	3/8	3.37	1.00	1.19
TSH4-1/2	1/2	1/2	3.62	1.00	1.19
TSH4-3/4	1/2	3/4	3.96	1.00	1.19

Automatic Coupler With Locking PIN Female Pipe Thread



Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
TSFA2-N01	1/4	1/8-27	1.89	0.75	1.06
TSFA2-N02	1/4	1/4-18	2.05	0.75	1.06
TSFA2-N03	1/4	3/8-18	2.08	0.75	1.06
TSFA3-N02	3/8	1/4-18	2.36	0.88	1.19
TSFA3-N03	3/8	3/8-18	2.39	0.88	1.19
TSFA3-N04	3/8	1/2-14	2.55	0.88	1.19
TSFA4-N03	1/2	3/8-18	2.93	1.00	1.30
TSFA4-N04	1/2	1/2-14	3.08	1.00	1.30
TSFA4-N06	1/2	3/4-14	3.21	1.00	1.30

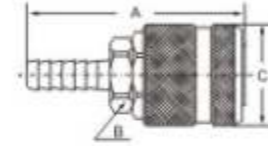
Male Pipe Thread



Part No.	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
TSMA2-N01	1/4	1/8-27	1.89	0.75	1.06
TSMA2-N02	1/4	1/4-18	2.05	0.75	1.06
TSMA2-N03	1/4	3/8-18	2.08	0.75	1.06
TSMA3-N02	3/8	1/4-18	2.36	0.88	1.19
TSMA3-N03	3/8	3/8-18	2.39	0.88	1.19
TSMA3-N04	3/8	1/2-14	2.55	0.88	1.19
TSFA4-N03	1/2	3/8-18	2.93	1.00	1.30
TSFA4-N04	1/2	1/2-14	3.08	1.00	1.30
TSFA4-N06	1/2	3/4-14	3.21	1.00	1.30

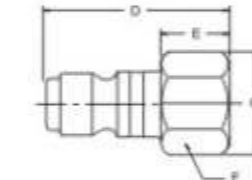
PNEUMATIC SINGLE SHUT-OFF "T" Series/PARKER (TRU-FLATE)INTERCHANGE

Standard Hose Barb



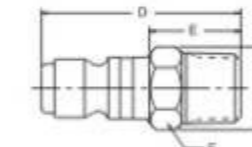
Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
TSHA2-1/4	1/4	1/4	2.49	0.75	1.06
TSHA2-5/16	1/4	5/16	2.49	0.75	1.06
TSHA2-3/8	1/4	3/8	2.49	0.75	1.06
TSHA3-3/8	3/8	3/8	2.86	0.88	1.19
TSHA3-1/2	3/8	1/2	3.08	0.88	1.19
TSHA4-3/8	1/2	3/8	3.37	1.00	1.30
TSHA4-1/2	1/2	1/2	3.62	1.00	1.30
TSHA4-3/4	1/2	3/4	3.96	1.00	1.30

Nipples Female Pipe Thread



Part No. Brass	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	F	G
TPF2-N01	1/4	1/8-27	1.28	0.55	0.50	0.58
TPF2-N02	1/4	1/4-18	1.47	0.74	0.62	0.72
TPF2-N03	1/4	3/8-18	1.50	0.77	0.81	0.94
TPF3-N02	3/8	1/4-18	1.60	0.67	0.62	0.72
TPF3-N03	3/8	3/8-18	1.68	0.77	0.81	0.94
TPF4-N03	1/2	3/8-18	2.05	0.83	0.81	0.94
TPF4-N04	1/2	1/2-14	2.27	1.05	1.00	1.16
TPF4-N06	1/2	3/4-14	2.38	1.13	1.25	1.44

Male Pipe Thread



Part No. Brass	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	F	G
TPM2-N01	1/4	1/8-27	1.47	0.74	0.50	0.58
TPM2-N02	1/4	1/4-18	1.62	0.89	0.56	0.65
TPM2-N03	1/4	3/8-18	1.72	0.99	0.69	0.80
TPM3-N02	3/8	1/4-18	1.88	0.95	0.62	0.72
TPM3-N03	3/8	3/8-18	1.90	0.98	0.69	0.80
TPM4-N03	1/2	3/8-18	2.33	1.12	0.69	0.79
TPM4-N04	1/2	1/2-14	2.48	1.27	0.88	1.01
TPM4-N06	1/2	3/4-14	2.53	1.29	1.13	1.30

Standard Hose Barb



Part No. Brass	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Largest Diameter
			D	E	G
TPH2-1/4-S	1/4	1/4	2.00	1.27	0.55
TPH2-3/8-S	1/4	3/8	2.00	1.27	0.55
TPH3-3/8-S	3/8	3/8	2.19	1.27	0.63
TPH4-3/8-S	1/2	3/8	2.53	1.29	0.69
TPH4-1/2-S	1/2	1/2	2.81	1.60	0.81
TPH4-3/4-S	1/2	3/4	3.16	1.91	0.94

PNEUMATIC SINGLE SHUT-OFF

"S" Series/SCHRADER INTERCHANGE



Features

- Engineered for speedy coupling and uncoupling. To lock – push in; to unlock – give the coupler sleeve a 1/8 turn. Designed to protect against accidental uncoupling.
- A variety of port configurations are available to meet specific needs.
- Standard Twist-Lock couplings are ideal for low to medium air flows, such as air tools.
- Standard Seals are Buna-N (Nitrile).
- Constructed of Zinc bodies and Zinc plated steel sleeves and nipples.
- Interchanges with Schrader Twist-Lock style couplings.

Specifications

Body Size	1/4
Rated Pressure (PSI)	250
Temperature Range (Nitrile seal)	-10° to +165°F.
Locking Device	CAM

Couplers Female Thread



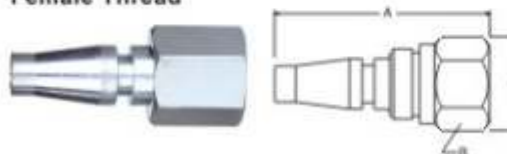
Part No. Steel	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
SSF2-N02	1/4	1/4-18	1.875	0.69	1.12
SSF2-N03	1/4	3/8-18	1.875	0.69	1.12

Male Thread



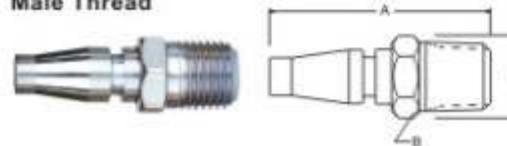
Part No. Steel	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
SSM2-N02	1/4	1/4-18	2.125	0.69	1.12
SSM2-N03	1/4	3/8-18	2.125	0.69	1.12

Nipples Female Thread



Part No. Steel	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
SPF2-N01	1/4	1/8-27	1.53	0.56	0.65
SPF2-N02	1/4	1/4-18	1.81	0.69	0.79

Male Thread



Part No. Steel	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
SPM2-N01	1/4	1/8-27	1.65	0.56	0.65
SPM2-N02	1/4	1/4-18	1.75	0.56	0.65

PNEUMATIC SINGLE SHUT-OFF

"L" Series/LINCOLN INTERCHANGE



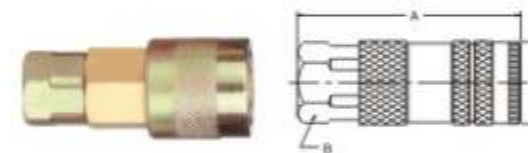
Features

- "L" Series couplings are interchangeable with Lincoln's "Long Stem" series couplings
- "L" Series couplings have a full opening tubular valve for maximum flow and a built-in sleeve guard to minimize accidental disconnect.
- The "L" Series is only available in 1/4" body size.
- "L" Series couplings have all brass bodies and steel valves.
- Standard seal material is Buna-N (Nitrile). See the Coupling Selection and Ordering Information Guide at the beginning of Section A and the Fluid Compatibility Chart at the end of this catalog for optional materials.

Specifications

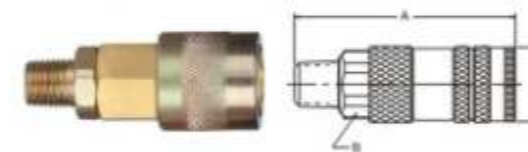
Body Size	1/4
Rated Pressure (PSI)	300
Temperature Range (Nitrile seal)	-40° to +250°F.
Locking Device	Locking Pin

Automatic Coupler With Locking PIN Female Pipe Thread



Part No. Brass	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
LSF2-N02	1/4	1/4-18	2.39	0.75	0.88

Male Pipe Thread



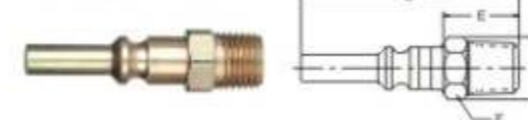
Part No. Brass	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
LSM-N02	1/4	1/4-18	2.61	0.75	0.88

Nipples Female Pipe Thread



Part No. Steel	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	F	G
LPF-N02	1/4	1/4-18	2.10	0.77	0.62	0.72

Male Pipe Thread



Part No. Steel	Body Size (in.)	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	F	G
LPM-N02	1/4	1/4-18	2.25	0.92	0.56	0.65



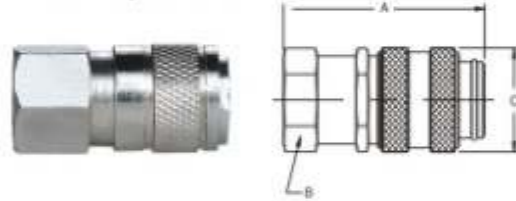
Features

- * "E" series couplings feature a unique design that allows for simple push-to connect operation yet requires a two step process to disconnect. To disconnect, the nipple must be pushed into the coupler before the coupler sleeve can be retracted.
- * This sleeve locking feature greatly reduces the potential of accidental disconnects in applications where connection integrity is of primary importance.
- * Typical uses include rescue and breathing air equipment in addition to general pneumatic applications.
- * Couplers feature solid brass construction, nickel plating, sleeve guard, high flow window valve, stainless steel springs and locking balls.

Specifications

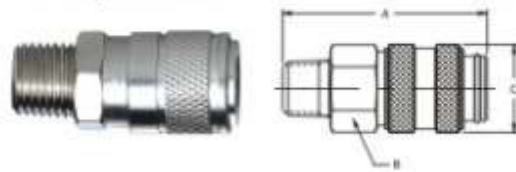
Body Size	1/8	1/4
Rated Pressure (PSI)	150	
Temperature Range (Nitrile seal)	-40° to +250°F.	
Locking Device	4 balls	
Vacuum Service	Not Recommended	

**Automatic Coupler With 4 Balls
Female Pipe Thread**



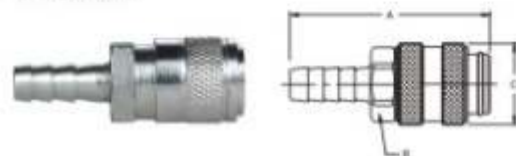
Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					A	B	C
ESF1-01	1/8	G1/8	ESF1-N01	NPT1/8	1.42	0.55	0.70
ESF1-02	1/8	G1/4	ESF1-N02	NPT1/4	1.81	0.67	0.70
ESF2-02	1/4	G1/4	ESF2-N02	NPT1/4	2.45	0.81	0.98
ESF2-03	1/4	G3/8	ESF2-N03	NPT3/8	2.55	0.81	0.98

Male Pipe Thread



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					A	B	C
ESM1-01	1/8	G1/8	ESM1-N01	NPT1/8	1.37	0.55	0.70
ESM1-02	1/8	G1/4	ESM1-N02	NPT1/4	1.45	0.66	0.70
ESM2-02	1/4	G1/4	ESM2-N02	NPT1/4	2.55	0.81	0.98
ESM2-03	1/4	G3/8	ESM2-N03	NPT3/8	2.58	0.81	0.98

Hose Barb



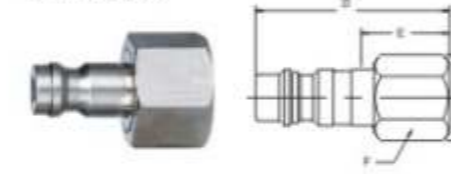
Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ESH1-1/4	1/8	1/4	1.92	0.55	0.70
ESH1-5/16	1/8	5/16	1.92	0.55	0.70
ESH2-1/4	1/4	1/4	3.02	0.81	0.98
ESH2-3/8	1/4	3/8	3.02	0.81	0.98

Locking Hose



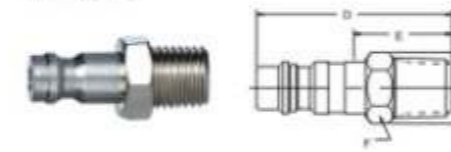
Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ESL2-0640	1/8	6X4mm	1.73	0.55	0.70
ESL2-0850	1/8	8X5mm	1.73	0.55	0.70
ESL2-1065	1/4	10x6.5mm	2.14	0.81	0.98
ESL2-1280	1/4	12X8mm	0.64	0.81	0.98

**Nipples
Female Pipe**



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					D	E	F	G
EPF1-01	1/8	G1/8	EPF1-N01	NPT1/8	1.14	0.61	0.55	0.63
EPF1-02	1/8	G1/4	EPF1-N02	NPT1/4	1.34	0.81	0.67	0.78
EPF2-01	1/4	G1/4	EPF2-N01	NPT1/4	1.62	0.74	0.62	0.72
EPF2-02	1/4	G3/8	EPF2-N02	NPT3/8	1.65	0.77	0.81	0.94

Male Pipe



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					D	E	F	G
EPM1-01	1/8	G1/8	EPM1-N01	NPT1/8	1.06	0.53	0.43	0.51
EPM1-02	1/8	G1/4	EPM1-N02	NPT1/4	1.20	0.67	0.55	0.63
EPM2-01	1/4	G1/4	EPM2-N01	NPT1/4	1.77	0.89	0.56	0.72
EPM2-02	1/4	G3/8	EPM2-N02	NPT3/8	1.80	0.92	0.69	0.94

Hose Barb



Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	G
EPH1-1/4	1/8	1/4	1.39	0.84	0.39
EPH1-5/16	1/8	5/16	1.39	0.84	0.39
EPH2-1/4	1/4	1/4	2.06	1.18	0.55
EPH2-3/8	1/4	3/8	2.06	1.18	0.55

Locking Hose



Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	G
EPL2-0640	1/8	6X4mm	1.37	0.59	0.11
EPL2-0850	1/8	8X5mm	1.39	0.59	0.19
EPL2-1065	1/4	10x6.5mm	1.55	0.66	0.25
EPL2-1280	1/4	12X8mm	1.63	0.66	0.39

PNEUMATIC DOUBLE SHUT-OFF "E" Series /RECTUS SERIES 21 INTERCHANGE

Automatic Couplers Female Pipe



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					A	B	C
ESFD1-01	1/8	G1/8	ESFD1-N01	NPT1/8	1.42	0.55	0.63
ESFD1-02	1/8	G1/4	ESFD1-N02	NPT1/4	1.81	0.67	0.78

Male Pipe



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					A	B	C
ESMD1-01	1/8	G1/8	ESMD1-N01	NPT1/8	1.50	0.55	0.63
ESMD1-02	1/8	G1/4	ESMD1-N02	NPT1/4	1.61	0.55	0.63

Locking Hose



Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
ESLD1-0640	1/8	6X4mm	1.73	0.55	0.70
ESLD1-0850	1/8	8X5mm	1.73	0.55	0.70
ESLD1-1065	1/8	10x6.5mm	2.12	0.86	0.98
ESLD1-1280	1/8	12X8mm	2.20	0.86	0.98

Nipples Female Pipe Thread



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					D	E	F	G
EPFD1-01	1/8	G1/8	EPFD1-N01	NPT1/8	1.56	1.03	0.55	0.63
EPFD1-02	1/8	G1/4	EPFD1-N02	NPT1/4	1.97	1.44	0.67	0.78

Male Pipe Thread



Part No. Bsp	Body Size (in.)	Thread Size BSP	Part No. NPT	Thread Size NPT	Dimensions (in.) Overall Length	Dimensions (in.) Exposed Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
					D	E	F	G
EPMD1-01	1/8	G1/8	EPMD1-N01	NPT1/8	1.65	1.12	0.55	0.63
EPMD1-02	1/8	G1/4	EPMD1-N02	NPT1/4	1.77	1.24	0.67	0.78

Locking Hose



Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			D	E	G
EPLD2-0640	1/8	6X4mm	1.57	0.59	0.11
EPLD2-0850	1/8	8X5mm	1.59	0.59	0.19
EPLD2-1065	1/8	10x6.5mm	1.75	0.59	0.27
EPLD2-1280	1/8	12X8mm	1.83	0.64	0.39

PNEUMATIC SINGLE SHUT-OFF "N" Series /ASIA TYPE INTERCHANGE



Features

- * "N" series couplings feature a unique design that allows for simple push-to connect operation yet requires a two step process to disconnect. To disconnect, the nipple must be pushed into the coupler before the coupler sleeve can be retracted.
- * This sleeve locking feature greatly reduces the potential of accidental disconnects in applications where connection integrity is of primary importance.
- * Typical uses include rescue and breathing air equipment in addition to general pneumatic applications.

Specifications

Body Size	1/4
Rated Pressure (PSI)	150
Temperature Range (Nitrile seal)	-40° to +250°F.
Locking Device	4 balls
Vacuum Service	Not Recommended

Automatic Coupler With 4 Balls Female Pipe Thread



Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NSF2-01	1/4	G1/8	2.28	0.86	0.86
NSF2-02	1/4	G1/4	2.36	0.86	0.86
NSF2-03	1/4	G3/8	2.44	0.86	0.86
NSF2-04	1/4	G1/2	2.55	0.86	0.86

Male Pipe Thread



Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NSM2-01	1/4	G1/8	2.28	0.86	0.86
NSM2-02	1/4	G1/4	2.36	0.86	0.86
NSM2-03	1/4	G3/8	2.40	0.86	0.86
NSM2-04	1/4	G1/2	2.55	0.86	0.86

Hose Barb

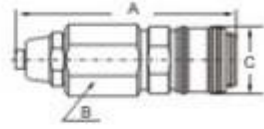


Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NSH2-1/4	1/4	1/4	2.83	0.86	0.86
NSH2-5/16	1/4	5/16	2.83	0.86	0.86
NSH2-3/8	1/4	3/8	2.83	0.86	0.86
NSH2-1/2	1/4	1/2	2.83	0.86	0.86

PNEUMATIC SINGLE SHUT-OFF

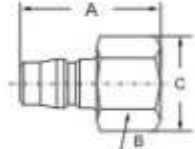
"N" Series / ASIA TYPE INTERCHANGE

Lock Hose



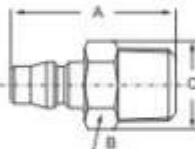
Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NSL2-0640	1/4	6X4mm	2.30	0.86	0.86
NSL2-0850	1/4	8X5mm	2.36	0.86	0.86
NSL2-1065	1/4	10x6.5mm	2.44	0.86	0.86
NSL2-1280	1/4	12X8mm	2.46	0.86	0.86

Nipples Female Pipe Thread



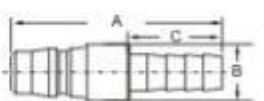
Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NPF2-01	1/4	G1/8	1.35	0.55	0.64
NPF2-02	1/4	G1/4	1.47	0.66	0.74
NPF2-03	1/4	G3/8	1.47	0.86	0.98
NPF2-04	1/4	G1/2	1.52	0.94	1.10

Male Pipe Thread



Part No.	Body Size (in.)	Thread Size BSP	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NPM2-01	1/4	G1/8	1.47	0.55	0.64
NPM2-02	1/4	G1/4	1.57	0.66	0.74
NPM2-03	1/4	G3/8	1.57	0.86	0.98
NPM2-04	1/4	G1/2	1.73	0.94	1.10

Hose Barb



Part No.	Body Size (in.)	Hose I.d.	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NPH2-1/4	1/4	1/4	2.24	0.59	0.98
NPH2-5/16	1/4	5/16	2.24	0.59	0.98
NPH2-3/8	1/4	3/8	2.24	0.59	0.98
NPH2-1/2	1/4	1/2	2.52	0.59	0.98

Lock Hose



Part No.	Body Size (in.)	Hose	Dimensions (in.) Overall Length	Dimensions (in.) Hex Size	Dimensions (in.) Largest Diameter
			A	B	C
NPL2-0640	1/4	6X4mm	1.43	0.55	0.64
NPL2-0850	1/4	8X5mm	1.49	0.55	0.64
NPL2-1065	1/4	10x6.5mm	1.57	0.66	0.74
NPL2-1280	1/4	12X8mm	1.59	0.82	0.94

SHIP WELDING SERIES

Features

* "W" series couplings expertise used in ship welding field. Different color distinguish the medium. Red couplings is used for acetylene. Yellow couplings is used for carbon dioxide. Grey couplings is used for oxygen.

Specifications

Body Size (in)	1/4
Rated Pressure (Bar)	10
Temperature Range (Std seals)	-20°C to +100°C
Locking Device	3 balls

For Acetylene (乙炔)

Part No.	Thread	Part No.	Thread	Part No.	Hose(mm)
WMA-02	ZG1/4	WFA-02	ZG1/4	WHA-9	9
WMA-03	ZG3/8	WFA-03	ZG3/8		
WMA-04	ZG1/2	WFA-04	ZG1/2		

For Carbon dioxide (二氧化碳)

Part No.	Thread	Part No.	Thread	Part No.	Hose(mm)
WMC-02	ZG1/4	WFC-02	ZG1/4	WHC-9	9
WMC-03	ZG3/8	WFC-03	ZG3/8		
WMC-04	ZG1/2	WFC-04	ZG1/2		

For Oxygen (氧气)

Part No.	Thread	Part No.	Thread	Part No.	Hose(mm)
WMO-02	ZG1/4	WFO-02	ZG1/4	WHO-9	9
WMO-03	ZG3/8	WFO-03	ZG3/8		
WMO-04	ZG1/2	WFO-04	ZG1/2		

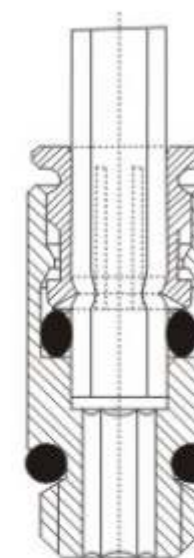
Pneumatic Fittings

METAL PUSH-IN FITTINGS

Features

- Connection and disconnection of the tube can be repeated several times and is performed with one hand, without using of tools.
- Nickel-plated brass bodies ensures anti-corrosion and anti-contamination.
- The sealing ring(O-ring) can be easily replaced if it is damaged.
- Most all models available in inch and metric size.

Construction



Specifications

Material	Body and collet: Nickel-plated Brass O-ring: NBR (other material is available on request)
Threads	BSPT, BSPP, NPT, Metric threads
Pressure Tube to connect	0.8-16bar (see tube) PU, PE, Nylon 6-11-12
Fluid	Compressed air
Temperature	-10°C - 16°C (see data of used tubing)

Products code system



- 1: Model type
2: Tube outer dia

	METRIC SIZE								INCH SIZE						
Code	04	05	06	08	10	12	14	16	1/8	5/32	3/16	1/4	5/16	3/8	1/2
Dia.	4mm	5mm	6mm	8mm	10mm	12mm	14mm	16mm	1/8inch	5/32inch	3/16inch	1/4inch	5/16inch	3/8inch	1/2inch

3: Thread Size

	METRIC SIZE									
Code	M3	M5	M6	M8	M10	M12	M12A	M14	M16	M20
Dia.	M3×0.5	M5×0.8	M6×1	M8×1	M10×1	M12×1.25	M12×1.5	M14×1.5	M16×1.5	M20×1.5

	55° Taper Pipe Thread (BSPT)						G- Thread (BSPP)			
Code	01	02	03	04	06	08	G01	G02	G03	G04
Dia.	R1/8	R1/4	R3/8	R1/2	R3/4	R1	G1/8	G1/4	G3/8	G1/2

	American Standard Taper Pipe Thread (NPT)							
Code	U10	N00	N01	N02	N03	N04	N06	N08
Dia.	10-32UNF	NPT1/16	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4	NPT1

METAL PUSH-IN FITTINGS



Tube(Metric)	Tube(Inch)
MPUC03	MPUC1/8
MPUC04	MPUC5/32
MPUC05	MPUC3/16
MPUC06	MPUC1/4
MPUC08	MPUC5/16
MPUC10	MPUC3/8
MPUC12	MPUC1/2
MPUC14	
MPUC16	



Tube(Metric)	Tube(Inch)
MPUL03	MPUL1/8
MPUL04	MPUL5/32
MPUL05	MPUL3/16
MPUL06	MPUL1/4
MPUL08	MPUL5/16
MPUL10	MPUL3/8
MPUL12	MPUL1/2
MPUL14	
MPUL16	



Tube(Metric)	Tube(Inch)
MPUT03	MPUT1/8
MPUT04	MPUT5/32
MPUT05	MPUT3/16
MPUT06	MPUT1/4
MPUT08	MPUT5/16
MPUT10	MPUT3/8
MPUT12	MPUT1/2
MPUT14	
MPUT16	



Tube(Metric)	Tube(Inch)
MPY03	MPY1/8
MPY04	MPY5/32
MPY05	MPY3/16
MPY06	MPY1/4
MPY08	MPY5/16
MPY10	MPY3/8
MPY12	MPY1/2
MPY14	
MPY16	



Tube(Metric)	Tube(Inch)
MPM03	MPM1/8
MPM04	MPM5/32
MPM05	MPM3/16
MPM06	MPM1/4
MPM08	MPM5/16
MPM10	MPM3/8
MPM12	MPM1/2
MPM14	
MPM16	



Tube(Metric)	Tube(Inch)
MPZA03	MPZA1/8
MPZA04	MPZA5/32
MPZA05	MPZA3/16
MPZA06	MPZA1/4
MPZA08	MPZA5/16
MPZA10	MPZA3/8
MPZA12	MPZA1/2
MPZA14	
MPZA16	



Tube(Metric)	Tube(Inch)
MPPF03	MPPF1/8
MPPF04	MPPF5/32
MPPF05	MPPF3/16
MPPF06	MPPF1/4
MPPF08	MPPF5/16
MPPF10	MPPF3/8
MPPF12	MPPF1/2
MPPF14	
MPPF16	



Tube(Metric)	Tube(Inch)
MPP03	MPP1/8
MPP04	MPP5/32
MPP05	MPP3/16
MPP06	MPP1/4
MPP08	MPP5/16
MPP10	MPP3/8
MPP12	MPP1/2
MPP14	
MPP16	



Tube(Metric D1-D2)	Tube(Inch D1-D2)
MPG06-04	MPG1/4-5/32
MPG08-04	MPG1/4-1/8
MPG08-06	MPG3/16-5/32
MPG10-06	MPG5/16-1/4
MPG10-08	MPG3/8-1/4
MPG12-08	MPG3/8-5/16
MPG12-10	MPG1/2-3/8
MPG14-10	
MPG14-12	
MPG16-12	



Tube(Metric D1-D2)	Tube(Inch D1-D2)
MPTG06-04	MPTG1/4-5/32
MPTG08-04	MPTG1/4-1/8
MPTG08-06	MPTG3/16-5/32
MPTG10-06	MPTG5/16-1/4
MPTG10-08	MPTG3/8-1/4
MPTG12-08	MPTG3/8-5/16
MPTG12-10	MPTG1/2-3/8
MPTG14-10	
MPTG14-12	
MPTG16-12	



Tube(Metric)	Tube(Inch)
MPGJ06-04	MPGJ1/4-5-32
MPGJ08-04	MPGJ5/16-5/32
MPGJ08-06	MPGJ5/16-1-4
MPGJ10-06	MPGJ3/8-1/4
MPGJ10-08	MPGJ3/8-5/16
MPGJ12-06	MPGJ1/2-1/4
MPGJ12-08	
MPGJ12-10	



Tube(Metric)	Tube(Inch)
MPLJ04	MPLJ1/8
MPLJ05	MPLJ5/32
MPLJ06	MPLJ3/16
MPLJ08	MPLJ1/4
MPLJ10	MPLJ5/16
MPLJ12	MPLJ3/8
MPLJ14	MPLJ1/2
MPLJ16	

METAL PUSH-IN FITTINGS



Tube(Metric D1-D2)	Tube(Inch D1-D2)
MPLGJ06-04	MPLGJ1/4-5/32
MPLGJ08-04	MPLGJ5/16-5/32
MPLGJ08-06	MPLGJ5/16-1/4
MPLGJ10-06	MPLGJ3/8-1/4
MPLGJ10-08	MPLGJ3/8-5/16
MPLGJ12-06	MPLGJ1/2-1/4
MPLGJ12-08	
MPLGJ12-10	



Tube(Metric)	Tube(Inch)
MPTJ04	MPTJ1/8
MPTJ05	MPTJ5/32
MPTJ06	MPTJ3/16
MPTJ08	MPTJ1/4
MPTJ10	MPTJ5/16
MPTJ12	MPTJ3/8
MPTJ14	MPTJ1/2
MPTJ16	



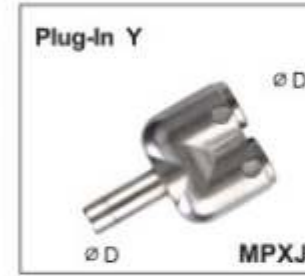
Tube(Metric D1-D2)	Tube(Inch D1-D2)
MPTGJ06-04	MPTGJ1/4-5/32
MPTGJ08-04	MPTGJ5/16-5/32
MPTGJ08-06	MPTGJ5/16-1/4
MPTGJ10-06	MPTGJ3/8-1/4
MPTGJ10-08	MPTGJ3/8-5/16
MPTGJ12-06	MPTGJ1/2-1/4
MPTGJ12-08	
MPTGJ12-10	



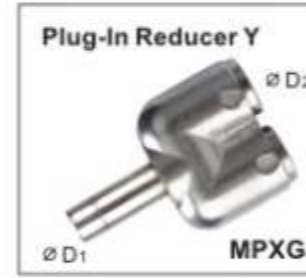
Tube(Metric)	Tube(Inch)
MPDJ04	MPDJ1/8
MPDJ05	MPDJ5/32
MPDJ06	MPDJ3/16
MPDJ08	MPDJ1/4
MPDJ10	MPDJ5/16
MPDJ12	MPDJ3/8
MPDJ14	MPDJ1/2
MPDJ16	



Tube(Metric D1-D2)	Tube(Inch D1-D2)
MPDGJ06-04	MPDGJ1/4-5/32
MPDGJ08-04	MPDGJ5/16-5/32
MPDGJ08-06	MPDGJ5/16-1/4
MPDGJ10-06	MPDGJ3/8-1/4
MPDGJ10-08	MPDGJ3/8-5/16
MPDGJ12-06	MPDGJ1/2-1/4
MPDGJ12-08	
MPDGJ12-10	



Tube(Metric)	Tube(Inch)
MPXJ04	MPXJ1/8
MPXJ05	MPXJ5/32
MPXJ06	MPXJ3/16
MPXJ08	MPXJ1/4
MPXJ10	MPXJ5/16
MPXJ12	MPXJ3/8
MPXJ14	MPXJ1/2
MPXJ16	



Tube(Metric D1-D2)	Tube(Inch D1-D2)
MPXGJ06-04	MPXGJ1/4-5/32
MPXGJ08-04	MPXGJ5/16-5/32
MPXGJ08-06	MPXGJ5/16-1/4
MPXGJ10-06	MPXGJ3/8-1/4
MPXGJ10-08	MPXGJ3/8-5/16
MPXGJ12-06	MPXGJ1/2-1/4
MPXGJ12-08	
MPXGJ12-10	



Tube(Metric D1-D2)	Tube(Inch D1-D2)
MBJ07-04	MBJ7-5/32
MBJ08-04	MBJ8-5/32
MBJ08-06	MBJ8-1/4
MBJ10-06	MBJ10-1/4
MBJ10-08	MBJ10-5/16
MBJ12-06	MBJ12-1/4
MBJ12-08	MBJ12-5/16
MBJ12-10	MBJ12-3/8



Tube(Metric)	Tube(Inch)
MJ03	MJ1/8
MJ04	MJ5/32
MJ05	MJ3/16
MJ06	MJ1/4
MJ08	MJ5/16
MJ10	MJ3/8
MJ12	MJ1/2
MJ14	
MJ16	



METAL PUSH-IN FITTINGS

G Thread Push In Fittings(O-Ring)



Tube(Metric)- Thread(G)	
MPC03-G01	MPC10-G02
MPC04-G01	MPC10-G03
MPC04-G02	MPC10-G04
MPC05-G01	MPC12-G01
MPC05-G02	MPC12-G02
MPC06-G01	MPC12-G03
MPC06-G02	MPC12-G04
MPC08-G01	MPC14-G03
MPC08-G02	MPC14-G04
MPC08-G03	MPC16-G03
MPC08-G04	MPC16-G04
MPC10-G01	



Tube(Metric)- Thread(G)	
MPOC03-G01	MPOC10-G02
MPOC04-G01	MPOC10-G03
MPOC04-G02	MPOC10-G04
MPOC05-G01	MPOC12-G01
MPOC05-G02	MPOC12-G02
MPOC06-G01	MPOC12-G03
MPOC06-G02	MPOC12-G04
MPOC08-G01	MPOC14-G03
MPOC08-G02	MPOC14-G04
MPOC08-G03	MPOC16-G03
MPOC08-G04	MPOC16-G04
MPOC10-G01	



Tube(Metric)- Thread(G)	
MPL03-G01	MPL10-G02
MPL04-G01	MPL10-G03
MPL04-G02	MPL10-G04
MPL05-G01	MPL12-G01
MPL05-G02	MPL12-G02
MPL06-G01	MPL12-G03
MPL06-G02	MPL12-G04
MPL08-G01	MPL14-G03
MPL08-G02	MPL14-G04
MPL08-G03	MPL16-G03
MPL08-G04	MPL16-G04
MPL10-G01	



Tube(Metric)- Thread(G)	
MPLL04-G01	MPLL10-G03
MPLL04-G02	MPLL10-G04
MPLL05-G01	MPLL12-G01
MPLL05-G02	MPLL12-G02
MPLL06-G01	MPLL12-G03
MPLL06-G02	MPLL12-G04
MPLL08-G01	MPLL14-G03
MPLL08-G02	MPLL14-G04
MPLL08-G03	MPLL16-G03
MPLL08-G04	MPLL16-G04
MPLL10-G01	
MPLL10-G02	



Tube(Metric)- Thread(G)	
MPT04-G01	MPT10-G03
MPT04-G02	MPT10-G04
MPT05-G01	MPT12-G01
MPT05-G02	MPT12-G02
MPT06-G01	MPT12-G03
MPT06-G02	MPT12-G04
MPT08-G01	MPT14-G03
MPT08-G02	MPT14-G04
MPT08-G03	MPT16-G03
MPT08-G04	MPT16-G04
MPT10-G01	
MPT10-G02	



Tube(Metric)- Thread(G)	
MPD04-G01	MPD10-G03
MPD04-G02	MPD10-G04
MPD05-G01	MPD12-G01
MPD05-G02	MPD12-G02
MPD06-G01	MPD12-G03
MPD06-G02	MPD12-G04
MPD08-G01	MPD14-G03
MPD08-G02	MPD14-G04
MPD08-G03	MPD16-G03
MPD08-G04	MPD16-G04
MPD10-G01	
MPD10-G02	



Tube(Metric)- Thread(G)	
MPX04-G01	MPX10-G03
MPX04-G02	MPX10-G04
MPX05-G01	MPX12-G01
MPX05-G02	MPX12-G02
MPX06-G01	MPX12-G03
MPX06-G02	MPX12-G04
MPX08-G01	MPX14-G03
MPX08-G02	MPX14-G04
MPX08-G03	MPX16-G03
MPX08-G04	MPX16-G04
MPX10-G01	
MPX10-G02	



Tube(Metric)- Thread(G)	
MPCJ04-G01	MPCJ10-G03
MPCJ04-G02	MPCJ10-G04
MPCJ05-G01	MPCJ12-G01
MPCJ05-G02	MPCJ12-G02
MPCJ06-G01	MPCJ12-G03
MPCJ06-G02	MPCJ12-G04
MPCJ08-G01	MPCJ14-G03
MPCJ08-G02	MPCJ14-G04
MPCJ08-G03	MPCJ16-G03
MPCJ08-G04	MPCJ16-G04
MPCJ10-G01	
MPCJ10-G02	



Tube(Metric)- Thread(G)	
MPH04-G01	MPH10-G03
MPH04-G02	MPH10-G04
MPH05-G01	MPH12-G01
MPH05-G02	MPH12-G02
MPH06-G01	MPH12-G03
MPH06-G02	MPH12-G04
MPH08-G01	MPH14-G03
MPH08-G02	MPH14-G04
MPH08-G03	MPH16-G03
MPH08-G04	MPH16-G04
MPH10-G01	
MPH10-G02	



Tube(Metric)- Thread(G)	
MDPH04-G01	MDPH10-G03
MDPH04-G02	MDPH10-G04
MDPH05-G01	MDPH12-G01
MDPH05-G02	MDPH12-G02
MDPH06-G01	MDPH12-G03
MDPH06-G02	MDPH12-G04
MDPH08-G01	MDPH14-G03
MDPH08-G02	MDPH14-G04
MDPH08-G03	MDPH16-G03
MDPH08-G04	MDPH16-G04
MDPH10-G01	
MDPH10-G02	

METAL PUSH-IN FITTINGS



Tube(Metric)- Thread(G)	
MTPH04-G01	MTPH10-G03
MTPH04-G02	MTPH10-G04
MTPH05-G01	MTPH12-G01
MTPH05-G02	MTPH12-G02
MTPH06-G01	MTPH12-G03
MTPH06-G02	MTPH12-G04
MTPH08-G01	MTPH14-G03
MTPH08-G02	MTPH14-G04
MTPH08-G03	MTPH16-G03
MTPH08-G04	MTPH16-G04
MTPH10-G01	
MTPH10-G02	



Tube(Metric)- Thread(G)	
MPHF04-G01	MPHF10-G03
MPHF04-G02	MPHF10-G04
MPHF05-G01	MPHF12-G01
MPHF05-G02	MPHF12-G02
MPHF06-G01	MPHF12-G03
MPHF06-G02	MPHF12-G04
MPHF08-G01	MPHF14-G03
MPHF08-G02	MPHF14-G04
MPHF08-G03	MPHF16-G03
MPHF08-G04	MPHF16-G04
MPHF10-G01	
MPHF10-G02	



Tube(Metric)- Thread(G)	
MPK04-G01	MPK10-G03
MPK04-G02	MPK10-G04
MPK05-G01	MPK12-G01
MPK05-G02	MPK12-G02
MPK06-G01	MPK12-G03
MPK06-G02	MPK12-G04
MPK08-G01	MPK14-G03
MPK08-G02	MPK14-G04
MPK08-G03	MPK16-G03
MPK08-G04	MPK16-G04
MPK10-G01	
MPK10-G02	



Tube(Metric)- Thread(G)	
MDPK04-G01	MDPK10-G03
MDPK04-G02	MDPK10-G04
MDPK05-G01	MDPK12-G01
MDPK05-G02	MDPK12-G02
MDPK06-G01	MDPK12-G03
MDPK06-G02	MDPK12-G04
MDPK08-G01	MDPK14-G03
MDPK08-G02	MDPK14-G04
MDPK08-G03	MDPK16-G03
MDPK08-G04	MDPK16-G04
MDPK10-G01	
MDPK10-G02	



Tube(Metric)- Thread(G)	
MTPK04-G01	MTPK10-G03
MTPK04-G02	MTPK10-G04
MTPK05-G01	MTPK12-G01
MTPK05-G02	MTPK12-G02
MTPK06-G01	MTPK12-G03
MTPK06-G02	MTPK12-G04
MTPK08-G01	MTPK14-G03
MTPK08-G02	MTPK14-G04
MTPK08-G03	MTPK16-G03
MTPK08-G04	MTPK16-G04
MTPK10-G01	
MTPK10-G02	



STAINLESS STEEL 316 PUSH IN FITTINGS



Tube(Metric) - Thread(R)		Tube(Metric) - Thread(G)		Tube(Inch) - Thread(NPT)	
MPCS04-M5	MPCS10-01	MPCS04-G01	MPCS10-G03	MPCS1/8-U10	MPCS5/16-N01
MPCS04-01	MPCS10-02	MPCS04-G02	MPCS10-G04	MPCS1/8-N01	MPCS5/16-N02
MPCS04-02	MPCS10-03	MPCS06-G01	MPCS12-G02	MPCS1/8-N02	MPCS5/16-N03
MPCS06-M5	MPCS10-04	MPCS06-G02	MPCS12-G03	MPCS5/32-U10	MPCS3/8-N01
MPCS06-01	MPCS12-02	MPCS08-G01	MPCS12-G04	MPCS5/32-N01	MPCS3/8-N02
MPCS06-02	MPCS12-03	MPCS08-G02		MPCS5/32-N02	MPCS3/8-N03
MPCS08-01	MPCS12-04	MPCS08-G03		MPCS1/4-U10	MPCS3/8-N04
MPCS08-02		MPCS08-G04		MPCS1/4-N01	MPCS1/2-N02
MPCS08-03		MPCS10-G01		MPCS1/4-N02	MPCS1/2-N03
MPCS08-04		MPCS10-G02		MPCS1/4-N03	MPCS1/2-N04



Tube(Metric) - Thread(R)		Tube(Metric) - Thread(G)		Tube(Inch) - Thread(NPT)	
MPLS04-M5	MPLS10-01	MPLS04-G01	MPLS10-G03	MPLS1/8-U10	MPLS5/16-N01
MPLS04-01	MPLS10-02	MPLS04-G02	MPLS10-G04	MPLS1/8-N01	MPLS5/16-N02
MPLS04-02	MPLS10-03	MPLS06-G01	MPLS12-G02	MPLS1/8-N02	MPLS5/16-N03
MPLS06-M5	MPLS10-04	MPLS06-G02	MPLS12-G03	MPLS5/32-U10	MPLS3/8-N01
MPLS06-01	MPLS12-02	MPLS08-G01	MPLS12-G04	MPLS5/32-N01	MPLS3/8-N02
MPLS06-02	MPLS12-03	MPLS08-G02		MPLS5/32-N02	MPLS3/8-N03
MPLS08-01	MPLS12-04	MPLS08-G03		MPLS1/4-U10	MPLS3/8-N04
MPLS08-02		MPLS08-G04		MPLS1/4-N01	MPLS1/2-N02
MPLS08-03		MPLS10-G01		MPLS1/4-N02	MPLS1/2-N03
MPLS08-04		MPLS10-G02		MPLS1/4-N03	MPLS1/2-N04

METAL PUSH-IN FITTINGS

Female Straight



Tube(Metric) – Thread(R)		Tube(Metric) – Thread(G)		Tube(Inch) – Thread(NPT)	
MPCFS04-M5	MPCFS10-01	MPCFS04-G01	MPCFS10-G03	MPCFS1/8-U10	MPCFS5/16-N01
MPCFS04-01	MPCFS10-02	MPCFS04-G02	MPCFS10-G04	MPCFS1/8-N01	MPCFS5/16-N02
MPCFS04-02	MPCFS10-03	MPCFS06-G01	MPCFS12-G02	MPCFS1/8-N02	MPCFS5/16-N03
MPCFS06-M5	MPCFS10-04	MPCFS06-G02	MPCFS12-G03	MPCFS5/32-U10	MPCFS3/8-N01
MPCFS06-01	MPCFS12-02	MPCFS06-G01	MPCFS12-G04	MPCFS5/32-N01	MPCFS3/8-N02
MPCFS06-02	MPCFS12-03	MPCFS08-G02		MPCFS5/32-N02	MPCFS3/8-N03
MPCFS08-01	MPCFS12-04	MPCFS08-G03		MPCFS1/4-U10	MPCFS3/8-N04
MPCFS08-02		MPCFS08-G04		MPCFS1/4-N01	MPCFS1/2-N02
MPCFS08-03		MPCFS10-G01		MPCFS1/4-N02	MPCFS1/2-N03
MPCFS08-04		MPCFS10-G02		MPCFS1/4-N03	MPCFS1/2-N04

Male Stud Branch Tee



Tube(Metric) – Thread(R)		Tube(Metric) – Thread(G)		Tube(Inch) – Thread(NPT)	
MPTS04-M5	MPTS10-01	MPTS04-G01	MPTS10-G03	MPTS1/8-U10	MPTS5/16-N01
MPTS04-01	MPTS10-02	MPTS04-G02	MPTS10-G04	MPTS1/8-N01	MPTS5/16-N02
MPTS04-02	MPTS10-03	MPTS06-G01	MPTS12-G02	MPTS1/8-N02	MPTS5/16-N03
MPTS06-M5	MPTS10-04	MPTS06-G02	MPTS12-G03	MPTS5/32-U10	MPTS3/8-N01
MPTS06-01	MPTS12-02	MPTS06-G01	MPTS12-G04	MPTS5/32-N01	MPTS3/8-N02
MPTS06-02	MPTS12-03	MPTS08-G02		MPTS5/32-N02	MPTS3/8-N03
MPTS08-01	MPTS12-04	MPTS08-G03		MPTS1/4-U10	MPTS3/8-N04
MPTS08-02		MPTS08-G04		MPTS1/4-N01	MPTS1/2-N02
MPTS08-03		MPTS10-G01		MPTS1/4-N02	MPTS1/2-N03
MPTS08-04		MPTS10-G02		MPTS1/4-N03	MPTS1/2-N04

Union Straight



Tube(Metric)	Tube(Inch)
MPUCS04	MPUCS1/8
MPUCS06	MPUCS5/32
MPUCS08	MPUCS1/4
MPUCS10	MPUCS5/16
MPUCS12	MPUCS3/8
	MPUCS1/2

Union Elbow



Tube(Metric)	Tube(Inch)
MPULS04	MPULS1/8
MPULS06	MPULS5/32
MPULS08	MPULS1/4
MPULS10	MPULS5/16
MPULS12	MPULS3/8
	MPULS1/2

Union Tee



Tube(Metric)	Tube(Inch)
MPUTS04	MPUTS1/8
MPUTS06	MPUTS5/32
MPUTS08	MPUTS1/4
MPUTS10	MPUTS5/16
MPUTS12	MPUTS3/8
	MPUTS1/2

Union Elbow



Tube(Metric)	Tube(Inch)
MPMS04	MPMS1/8
MPMS06	MPMS5/32
MPMS08	MPMS1/4
MPMS10	MPMS5/16
MPMS12	MPMS3/8
	MPMS1/2

METAL SPEED CONTROLLERS

Features

- Accurate regulation of an optimal air flow rate for precise motion control.
- The compact design provides the comparable range of speed as the larger standard speed controller do.

Specifications

Material	Body and collet: Nickel-plated Brass O-ring: NBR (other material is available on request)
Threads	BSPT, BSPP, NPT, Metric threads
Pressure Tube to connect	0.8-16bar (see tube) PU, PE, Nylon 6-11-12
Fluid	Compressed air
Temperature	-10°C - 16°C (see data of used tubing)

When You Order Control In Type, Pls Put B At The End of Model Type. For Example: MNSE08-02B



Tube(Metric) – Thread(R)		Tube(Inch) – Thread(R)		Tube(Inch) – Thread(NPT)	
MNSE04-M5	MNSE08-03	MNSE1/8-01	MNSE5/16-03	MNSE1/8-U10	MNSE1/4-N02
MNSE04-M6	MNSE08-04	MNSE1/8-02	MNSE5/16-04	MNSE1/8-N01	MNSE1/4-N03
MNSE04-01	MNSE10-01	MNSE5/32-01	MNSE3/8-01	MNSE1/8-N02	MNSE5/16-N01
MNSE04-02	MNSE10-02	MNSE5/32-02	MNSE3/8-02	MNSE5/32-U10	MNSE5/16-N02
MNSE04-03	MNSE12-03	MNSE3/16-01	MNSE3/8-03	MNSE5/32-N01	MNSE5/16-N03
MNSE06-M5	MNSE12-04	MNSE3/16-02	MNSE3/8-04	MNSE5/32-N02	MNSE3/8-N01
MNSE06-M6	MNSE12-01	MNSE3/16-03	MNSE1/2-02	MNSE3/16-U10	MNSE3/8-N02
MNSE06-01	MNSE12-02	MNSE1/4-01	MNSE1/2-03	MNSE3/16-N01	MNSE3/8-N03
MNSE06-02	MNSE12-03	MNSE1/4-02	MNSE1/2-04	MNSE3/16-N02	MNSE3/8-N04
MNSE06-03	MNSE12-04	MNSE1/4-03		MNSE3/16-N03	MNSE1/2-N02
MNSE08-01	MNSE16-03	MNSE5/16-01		MNSE3/4-U10	MNSE1/2-N03
MNSE08-02	MNSE16-04	MNSE5/16-02		MNSE1/4-N01	MNSE1/2-N04



Tube(Metric) – Thread(G)	
MNSE04-G01	MNSE10-G03
MNSE04-G02	MNSE10-G04
MNSE05-G01	MNSE12-G01
MNSE05-G02	MNSE12-G02
MNSE06-G01	MNSE12-G03
MNSE06-G02	MNSE12-G04
MNSE08-G01	MNSE14-G03
MNSE08-G02	MNSE14-G04
MNSE08-G03	MNSE16-G03
MNSE08-G04	MNSE16-G04
MNSE10-G01	
MNH10-G02	



Tube(Metric) – Thread(G)	
MNSP04-G01	MNSP10-G03
MNSP04-G02	MNSP10-G04
MNSP05-G01	MNSP12-G01
MNSP05-G02	MNSP12-G02
MNSP06-G01	MNSP12-G03
MNSP06-G02	MNSP12-G04
MNSP08-G01	MNSP14-G03
MNSP08-G02	MNSP14-G04
MNSP08-G03	MNSP16-G03
MNSP08-G04	MNSP16-G04
MNSP10-G01	
MNSP10-G02	



Tube(Metric) – Thread(R)		Tube(Inch) – Thread(R)		Tube(Inch) – Thread(NPT)	
MNSP04-M5	MNSP08-03	MNSP1/8-01	MNSP5/16-03	MNSP1/8-U10	MNSP1/4-N02
MNSP04-M6	MNSP08-04	MNSP1/8-02	MNSP5/16-04	MNSP1/8-N01	MNSP1/4-N03
MNSP04-01	MNSP10-01	MNSP5/32-01	MNSP3/8-01	MNSP1/8-N02	MNSP5/16-N01
MNSP04-02	MNSP10-02	MNSP5/32-02	MNSP3/8-02	MNSP5/32-U10	MNSP5/16-N02
MNSP04-03	MNSP10-03	MNSP3/16-01	MNSP3/8-03	MNSP5/32-N01	MNSP5/16-N03
MNSP06-M5	MNSP10-04	MNSP3/16-02	MNSP3/8-04	MNSP5/32-N02	MNSP3/8-N01
MNSP06-M6	MNSP12-01	MNSP3/16-03	MNSP1/2-02	MNSP3/16-U10	MNSP3/8-N02
MNSP06-01	MNSP12-02	MNSP1/4-01	MNSP1/2-03	MNSP3/16-N01	MNSP3/8-N03
MNSP06-02	MNSP12-03	MNSP1/4-02	MNSP1/2-04	MNSP3/16-N02	MNSP3/8-N04
MNSP06-03	MNSP12-04	MNSP1/4-03		MNSP3/16-N03	MNSP1/2-N02
MNSP08-01	MNSP16-03	MNSP5/16-01		MNSP1/4-U10	MNSP1/2-N03
MNSP08-02	MNSP16-04	MNSP5/16-02		MNSP1/4-N01	MNSP1/2-N04



Tube(Metric) – Thread(R)	Tube(Metric) – Thread(G)
MNSR-5/3-M5	MNSR-5/3-G01
MNSR-5/3-M6	MNSR-6/4-G01
MNSR-5/3-01	MNSR-6/4-G02
MNSR-6/4-M5	MNSR-6/4-G03
MNSR-6/4-M6	MNSR-8/6-G01
MNSR-6/4-01	MNSR-8/6-G02
MNSR-6/4-02	MNSR-8/6-G03
MNSR-6/4-03	MNSR-10/8-G01
MNSR-8/6-01	MNSR-10/8-G02
MNSR-8/6-02	MNSR-10/8-G03
MNSR-8/6-03	MNSR-10/8-G04
MNSR-10/8-01	MNSR-12/10-G03
MNSR-10/8-02	MNSR-12/10-G04
MNSR-10/8-03	
MNSR-10/8-04	
MNSR-12/10-03	
MNSR-12/10-04	



Tube(Metric)	Tube(Inch)
MNSF04	MNSF1/8
MNSF06	MNSF5/32
MNSF08	MNSF3/16
MNSF10	MNSF1/4
MNSF12	MNSF5/16
	MNSF3/8
	MNSF1/2

RAPID FITTINGS FOR THE PLASTIC TUBINGS

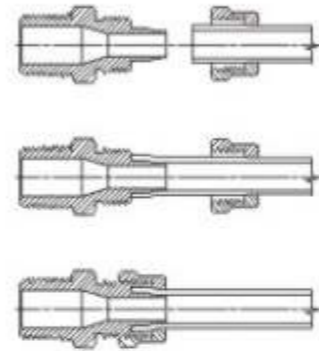
Features

- The rapid fittings can be used with rigid nylon tubes.
- A locking nut is provided and can be tightened both manually and with a spanner.
- The special shape of the guiding cone ensures that the tube can not be accidentally cut.

Specifications

Material	Body and collet: Nickel-plated Brass O-ring: NBR (other material is available on request)
Threads	BSPT, BSPP, NPT, Metric threads
Pressure	0.8-16bar (see tube)
Fluid	Compressed air
Temperature	-10°C-16°C (see data of used tubing)

Construction



Male Straight



∅ D
T
RPC

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPC-5/3-M5	RPC-5/3-G01
RPC-5/3-M6	RPC-6/4-G01
RPC-5/3-01	RPC-6/4-G02
RPC-6/4-M5	RPC-6/4-G03
RPC-6/4-M6	RPC-8/6-G01
RPC-6/4-01	RPC-8/6-G02
RPC-6/4-02	RPC-8/6-G03
RPC-6/4-03	RPC-10/8-G01
RPC-8/6-01	RPC-10/8-G02
RPC-8/6-02	RPC-10/8-G03
RPC-8/6-03	RPC-10/8-G04
RPC-10/8-01	RPC-12/10-G03
RPC-10/8-02	RPC-12/10-G04
RPC-10/8-03	
RPC-10/8-04	
RPC-12/10-03	
RPC-12/10-04	

Swivel Male Straight



∅ D
T
RSPC

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RSPC-5/3-M5	RSPC-5/3-G01
RSPC-5/3-M6	RSPC-6/4-G01
RSPC-5/3-01	RSPC-6/4-G02
RSPC-6/4-M5	RSPC-6/4-G03
RSPC-6/4-M6	RSPC-8/6-G01
RSPC-6/4-01	RSPC-8/6-G02
RSPC-6/4-02	RSPC-8/6-G03
RSPC-6/4-03	RSPC-10/8-G01
RSPC-8/6-01	RSPC-10/8-G02
RSPC-8/6-02	RSPC-10/8-G03
RSPC-8/6-03	RSPC-10/8-G04
RSPC-10/8-01	RSPC-12/10-G03
RSPC-10/8-02	RSPC-12/10-G04
RSPC-10/8-03	
RSPC-10/8-04	
RSPC-12/10-03	
RSPC-12/10-04	

Female Straight



∅ D
T
RPCF

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPCF-5/3-M5	RPCF-5/3-G01
RPCF-5/3-M6	RPCF-6/4-G01
RPCF-5/3-01	RPCF-6/4-G02
RPCF-6/4-M5	RPCF-6/4-G03
RPCF-6/4-M6	RPCF-8/6-G01
RPCF-6/4-01	RPCF-8/6-G02
RPCF-6/4-02	RPCF-8/6-G03
RPCF-6/4-03	RPCF-10/8-G01
RPCF-8/6-01	RPCF-10/8-G02
RPCF-8/6-02	RPCF-10/8-G03
RPCF-8/6-03	RPCF-10/8-G04
RPCF-10/8-01	RPCF-12/10-G03
RPCF-10/8-02	RPCF-12/10-G04
RPCF-10/8-03	
RPCF-10/8-04	
RPCF-12/10-03	
RPCF-12/10-04	


Swivel Male Elbow



∅ D
T
RPL

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPL-5/3-M5	RPL-5/3-G01
RPL-5/3-M6	RPL-6/4-G01
RPL-5/3-01	RPL-6/4-G02
RPL-6/4-M5	RPL-6/4-G03
RPL-6/4-M6	RPL-8/6-G01
RPL-6/4-01	RPL-8/6-G02
RPL-6/4-02	RPL-8/6-G03
RPL-6/4-03	RPL-10/8-G01
RPL-8/6-01	RPL-10/8-G02
RPL-8/6-02	RPL-10/8-G03
RPL-8/6-03	RPL-10/8-G04
RPL-10/8-01	RPL-12/10-G03
RPL-10/8-02	RPL-12/10-G04
RPL-10/8-03	
RPL-10/8-04	
RPL-12/10-03	
RPL-12/10-04	

Male Elbow



∅ D
T
RPLN

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPLN-5/3-M5	RPLN-5/3-G01
RPLN-5/3-M6	RPLN-6/4-G01
RPLN-5/3-01	RPLN-6/4-G02
RPLN-6/4-M5	RPLN-6/4-G03
RPLN-6/4-M6	RPLN-8/6-G01
RPLN-6/4-01	RPLN-8/6-G02
RPLN-6/4-02	RPLN-8/6-G03
RPLN-6/4-03	RPLN-10/8-G01
RPLN-8/6-01	RPLN-10/8-G02
RPLN-8/6-02	RPLN-10/8-G03
RPLN-8/6-03	RPLN-10/8-G04
RPLN-10/8-01	RPLN-12/10-G03
RPLN-10/8-02	RPLN-12/10-G04
RPLN-10/8-03	
RPLN-10/8-04	
RPLN-12/10-03	
RPLN-12/10-04	

Female Elbow




∅ D
T
RPLF

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPLF-5/3-M5	RPLF-5/3-G01
RPLF-5/3-M6	RPLF-6/4-G01
RPLF-5/3-01	RPLF-6/4-G02
RPLF-6/4-M5	RPLF-6/4-G03
RPLF-6/4-M6	RPLF-8/6-G01
RPLF-6/4-01	RPLF-8/6-G02
RPLF-6/4-02	RPLF-8/6-G03
RPLF-6/4-03	RPLF-10/8-G01
RPLF-8/6-01	RPLF-10/8-G02
RPLF-8/6-02	RPLF-10/8-G03
RPLF-8/6-03	RPLF-10/8-G04
RPLF-10/8-01	RPLF-12/10-G03
RPLF-10/8-02	RPLF-12/10-G04
RPLF-10/8-03	
RPLF-10/8-04	
RPLF-12/10-03	
RPLF-12/10-04	

RAPID FITTINGS FOR THE PLASTIC TUBINGS


Swivel Male Tee



∅ D
T
RPT

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPT-5/3-M5	RPT-5/3-G01
RPT-5/3-M6	RPT-6/4-G01
RPT-5/3-01	RPT-6/4-G02
RPT-6/4-M5	RPT-6/4-G03
RPT-6/4-M6	RPT-8/6-G01
RPT-6/4-01	RPT-8/6-G02
RPT-6/4-02	RPT-8/6-G03
RPT-6/4-03	RPT-10/8-G01
RPT-8/6-01	RPT-10/8-G02
RPT-8/6-02	RPT-10/8-G03
RPT-8/6-03	RPT-10/8-G04
RPT-10/8-01	RPT-12/10-G03
RPT-10/8-02	RPT-12/10-G04
RPT-10/8-03	
RPT-10/8-04	
RPT-12/10-03	
RPT-12/10-04	

Male Tee



∅ D
T
RPTN

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPTN-5/3-M5	RPTN-5/3-G01
RPTN-5/3-M6	RPTN-6/4-G01
RPTN-5/3-01	RPTN-6/4-G02
RPTN-6/4-M5	RPTN-6/4-G03
RPTN-6/4-M6	RPTN-8/6-G01
RPTN-6/4-01	RPTN-8/6-G02
RPTN-6/4-02	RPTN-8/6-G03
RPTN-6/4-03	RPTN-10/8-G01
RPTN-8/6-01	RPTN-10/8-G02
RPTN-8/6-02	RPTN-10/8-G03
RPTN-8/6-03	RPTN-10/8-G04
RPTN-10/8-01	RPTN-12/10-G03
RPTN-10/8-02	RPTN-12/10-G04
RPTN-10/8-03	
RPTN-10/8-04	
RPTN-12/10-03	
RPTN-12/10-04	

Swivel Male Run Tee



∅ D
T
RPD

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPD-5/3-M5	RPD-5/3-G01
RPD-5/3-M6	RPD-6/4-G01
RPD-5/3-01	RPD-6/4-G02
RPD-6/4-M5	RPD-6/4-G03
RPD-6/4-M6	RPD-8/6-G01
RPD-6/4-01	RPD-8/6-G02
RPD-6/4-02	RPD-8/6-G03
RPD-6/4-03	RPD-10/8-G01
RPD-8/6-01	RPD-10/8-G02
RPD-8/6-02	RPD-10/8-G03
RPD-8/6-03	RPD-10/8-G04
RPD-10/8-01	RPD-12/10-G03
RPD-10/8-02	RPD-12/10-G04
RPD-10/8-03	
RPD-10/8-04	
RPD-12/10-03	
RPD-12/10-04	

Male Run Tee



∅ D
T
RPDN

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPDN-5/3-M5	RPDN-5/3-G01
RPDN-5/3-M6	RPDN-6/4-G01
RPDN-5/3-01	RPDN-6/4-G02
RPDN-6/4-M5	RPDN-6/4-G03
RPDN-6/4-M6	RPDN-8/6-G01
RPDN-6/4-01	RPDN-8/6-G02
RPDN-6/4-02	RPDN-8/6-G03
RPDN-6/4-03	RPDN-10/8-G01
RPDN-8/6-01	RPDN-10/8-G02
RPDN-8/6-02	RPDN-10/8-G03
RPDN-8/6-03	RPDN-10/8-G04
RPDN-10/8-01	RPDN-12/10-G03
RPDN-10/8-02	RPDN-12/10-G04
RPDN-10/8-03	
RPDN-10/8-04	
RPDN-12/10-03	
RPDN-12/10-04	

Single Male Banjo



∅ D
T
RPH

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RPH-5/3-M5	RPH-5/3-G01
RPH-5/3-M6	RPH-6/4-G01
RPH-5/3-01	RPH-6/4-G02
RPH-6/4-M5	RPH-6/4-G03
RPH-6/4-M6	RPH-8/6-G01
RPH-6/4-01	RPH-8/6-G02
RPH-6/4-02	RPH-8/6-G03
RPH-6/4-03	RPH-10/8-G01
RPH-8/6-01	RPH-10/8-G02
RPH-8/6-02	RPH-10/8-G03
RPH-8/6-03	RPH-10/8-G04
RPH-10/8-01	RPH-12/10-G03
RPH-10/8-02	RPH-12/10-G04
RPH-10/8-03	
RPH-10/8-04	
RPH-12/10-03	
RPH-12/10-04	

Double Male Banjo



∅ D
T
RDPH

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RDPH-5/3-M5	RDPH-5/3-G01
RDPH-5/3-M6	RDPH-6/4-G01
RDPH-5/3-01	RDPH-6/4-G02
RDPH-6/4-M5	RDPH-6/4-G03
RDPH-6/4-M6	RDPH-8/6-G01
RDPH-6/4-01	RDPH-8/6-G02
RDPH-6/4-02	RDPH-8/6-G03
RDPH-6/4-03	RDPH-10/8-G01
RDPH-8/6-01	RDPH-10/8-G02
RDPH-8/6-02	RDPH-10/8-G03
RDPH-8/6-03	RDPH-10/8-G04
RDPH-10/8-01	RDPH-12/10-G03
RDPH-10/8-02	RDPH-12/10-G04
RDPH-10/8-03	
RDPH-10/8-04	
RDPH-12/10-03	
RDPH-12/10-04	

Triple Male Banjo



∅ D
T
RTPH

Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
RTPH-5/3-M5	RTPH-5/3-G01
RTPH-5/3-M6	RTPH-6/4-G01
RTPH-5/3-01	RTPH-6/4-G02
RTPH-6/4-M5	RTPH-6/4-G03
RTPH-6/4-M6	RTPH-8/6-G01
RTPH-6/4-01	RTPH-8/6-G02
RTPH-6/4-02	RTPH-8/6-G03
RTPH-6/4-03	RTPH-10/8-G01
RTPH-8/6-01	RTPH-10/8-G02
RTPH-8/6-02	RTPH-10/8-G03
RTPH-8/6-03	RTPH-10/8-G04
RTPH-10/8-01	RTPH-12/10-G03
RTPH-10/8-02	RTPH-12/10-G04
RTPH-10/8-03	
RTPH-10/8-04	
RTPH-12/10-03	
RTPH-12/10-04	

Union Straight



∅ D
RPUC

Tube(Metric)
RPUC-5/3
RPUC-6/4
RPUC-8/6
RPUC-10/8
RPUC-12/10

RAPID FITTINGS FOR THE PLASTIC TUBINGS



Tube(Metric)
RPUL-5/3
RPUL-6/4
RPUL-8/6
RPUL-10/8
RPUL-12/10



Tube(Metric)
RPUT-5/3
RPUT-6/4
RPUT-8/6
RPUT-10/8
RPUT-12/10



Tube(Metric)
RPZA-5/3
RPZA-6/4
RPZA-8/6
RPZA-10/8
RPZA-12/10



Tube(Metric)
RPM-5/3
RPM-6/4
RPM-8/6
RPM-10/8
RPM-12/10



Tube(Metric)
RM-5/3
RM-6/4
RM-8/6
RM-10/8
RM-12/10



Tube(Metric)
RMS-5/3
RMS-6/4
RMS-8/6
RMS-10/8
RMS-12/10

COMPACT RAPID FITTINGS FOR TUBE



Tube(Metric) - Thread(R)
RCPC4/2.5-M5
RCPC4/2.5-M6
RCPC6/4-M5
RCPC6/4-M6



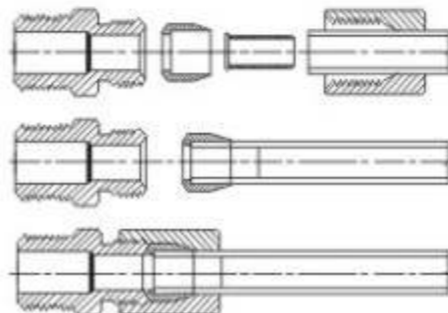
Tube(Metric) - Thread(R)
RCPH4/2.5-M5
RCPH4/2.5-M6
RCPH6/4-M5
RCPH6/4-M6

PIPE JOINT FITTINGS

Features

- The pipe joint fittings can be used with rigid nylon tubes.
- A locking nut is provided and can be tightened both manually and with a spanner.
- The special shape of the guiding cone ensures that the tube can not be accidentally cut.

Construction



PIPE JOINT FITTINGS



Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
QPC04-01	QPC04-G01
QPC04-02	QPC04-G02
QPC06-01	QPC06-G01
QPC06-02	QPC06-G02
QPC08-01	QPC08-G01
QPC08-02	QPC08-G02
QPC08-03	QPC08-G03
QPC10-02	QPC10-G02
QPC10-03	QPC10-G03
QPC10-04	QPC10-G04
QPC12-02	QPC12-G02
QPC12-03	QPC12-G03
QPC12-04	QPC12-G04



Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
QPL04-01	QPL04-G01
QPL04-02	QPL04-G02
QPL06-01	QPL06-G01
QPL06-02	QPL06-G02
QPL08-01	QPL08-G01
QPL08-02	QPL08-G02
QPL08-03	QPL08-G03
QPL10-02	QPL10-G02
QPL10-03	QPL10-G03
QPL10-04	QPL10-G04
QPL12-02	QPL12-G02
QPL12-03	QPL12-G03
QPL12-04	QPL12-G04



Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
QPCF04-01	QPCF04-G01
QPCF04-02	QPCF04-G02
QPCF06-01	QPCF06-G01
QPCF06-02	QPCF06-G02
QPCF08-01	QPCF08-G01
QPCF08-02	QPCF08-G02
QPCF08-03	QPCF08-G03
QPCF10-02	QPCF10-G02
QPCF10-03	QPCF10-G03
QPCF10-04	QPCF10-G04
QPCF12-02	QPCF12-G02
QPCF12-03	QPCF12-G03
QPCF12-04	QPCF12-G04



Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
QPT04-01	QPT04-G01
QPT04-02	QPT04-G02
QPT06-01	QPT06-G01
QPT06-02	QPT06-G02
QPT08-01	QPT08-G01
QPT08-02	QPT08-G02
QPT08-03	QPT08-G03
QPT10-02	QPT10-G02
QPT10-03	QPT10-G03
QPT10-04	QPT10-G04
QPT12-02	QPT12-G02
QPT12-03	QPT12-G03
QPT12-04	QPT12-G04



Tube(Metric) - Thread(R)	Tube(Metric) - Thread(G)
QPD04-01	QPD04-G01
QPD04-02	QPD04-G02
QPD06-01	QPD06-G01
QPD06-02	QPD06-G02
QPD08-01	QPD08-G01
QPD08-02	QPD08-G02
QPD08-03	QPD08-G03
QPD10-02	QPD10-G02
QPD10-03	QPD10-G03
QPD10-04	QPD10-G04
QPD12-02	QPD12-G02
QPD12-03	QPD12-G03
QPD12-04	QPD12-G04



Tube(Metric)
QPUC04
QPUC06
QPUC08
QPUC10
QPUC12



Tube(Metric)
QPUL04
QPUL06
QPUL08
QPUL10
QPUL12



Tube(Metric)
QPUT04
QPUT06
QPUT08
QPUT10
QPUT12



Tube(Metric)
QPZA04
QPZA06
QPZA08
QPZA10
QPZA12



Tube(Metric)
QPM04
QPM06
QPM08
QPM10
QPM12



Tube(Metric)
QS04
QS06
QS08
QS10
QS12



Tube(Metric)
QI04
QI06
QI08
QI10
QI12



Tube(Metric)
QC02
QC04
QC06
QC08
QC10

PIPE FITTINGS

Features

• When involved in factory maintenance or plant installation, it is often difficult to be certain which size of fittings will be required. Our pipe fittings provide a cost effective solution to this problem

Specifications

Material	Nickel-plated Brass
Threads	BSPT, BSPP, NPT, Metric threads
Pressure	(see tube)
Fluid	Compressed air
Temperature	(see data of used tubing)



Thread(R)1-Thread(R)2	Thread(NPT)1-Thread(NPT)2	Thread(G)1-Thread(G)2
PSM 01-01	PSM N01-N01	PSMG01-G01
PSM 02-02	PSM N02-N02	PSMG02-G02
PSM 02-01	PSM N02-N01	PSMG02-G01
PSM 03-03	PSM N03-N03	PSMG03-G03
PSM 03-02	PSM N03-N02	PSMG03-G02
PSM 03-01	PSM N03-N01	PSMG03-G01
PSM 04-04	PSM N04-N04	PSMG04-G04
PSM 04-03	PSM N04-N03	PSMG04-G03
PSM 04-02	PSM N04-N02	PSMG04-G02
PSM 04-01	PSM N04-N01	PSMG04-G01
PSM 06-06	PSM N06-N06	PSMG06-G06
PSM 06-04	PSM N06-N04	PSMG06-G04
PSM 06-03	PSM N06-N03	PSMG06-G03
PSM 06-02	PSM N06-N02	PSMG06-G02
PSM 08-08	PSM N08-N08	PSMG08-G08
PSM 08-06	PSM N08-N06	PSMG08-G06
PSM 08-04	PSM N08-N04	PSMG08-G04
PSM 08-03	PSM N08-N03	PSMG08-G03



Thread(G)	Thread(NPT)
POF G01	POF N01
POF G02	POF N02
POF G03	POF N03
POF G04	POF N04
POF G06	POF N06
POF G08	POF N08



Thread(R)1-Thread(R)2	Thread(NPT)1-Thread(NPT)2	Thread(G)1-Thread(G)2
PSF 01-01	PSF N01-N01	PSFG01-G01
PSF 02-02	PSF N02-N02	PSFG02-G02
PSF 02-01	PSF N02-N01	PSFG02-G01
PSF 03-03	PSF N03-N03	PSFG03-G03
PSF 03-02	PSF N03-N02	PSFG03-G02
PSF 03-01	PSF N03-N01	PSFG03-G01
PSF 04-04	PSF N04-N04	PSFG04-G04
PSF 04-03	PSF N04-N03	PSFG04-G03
PSF 04-02	PSF N04-N02	PSFG04-G02
PSF 04-01	PSF N04-N01	PSFG04-G01
PSF 06-06	PSF N06-N06	PSFG06-G06
PSF 06-04	PSF N06-N04	PSFG06-G04
PSF 06-03	PSF N06-N03	PSFG06-G03
PSF 06-02	PSF N06-N02	PSFG06-G02
PSF 08-08	PSF N08-N08	PSFG08-G08
PSF 08-06	PSF N08-N06	PSFG08-G06
PSF 08-04	PSF N08-N04	PSFG08-G04
PSF 08-03	PSF N08-N03	PSFG08-G03



Thread(R)	Thread(NPT)
PEL 01	PEL N01
PEL 02	PEL N02
PEL 03	PEL N03
PEL 04	PEL N04
PEL 06	PEL N06
PEL 08	PEL N08



Thread(R)1-Thread(R)2	Thread(NPT)1-Thread(NPT)2	Thread(G)1-Thread(G)2
PSMF 01-G01	PSMF N01-N01	PSMFG01-G01
PSMF 02-G02	PSMF N02-N02	PSMFG02-G02
PSMF 01-G02	PSMF N01-N02	PSMFG01-G02
PSMF 03-G03	PSMF N03-N03	PSMFG03-G03
PSMF 02-G03	PSMF N02-N03	PSMFG02-G03
PSMF 01-G03	PSMF N01-N03	PSMFG01-G03
PSMF 04-G04	PSMF N04-N04	PSMFG04-G04
PSMF 03-G04	PSMF N03-N04	PSMFG03-G04
PSMF 02-G04	PSMF N02-N04	PSMFG02-G04
PSMF 01-G04	PSMF N01-N04	PSMFG01-G04
PSMF 06-G06	PSMF N06-N06	PSMFG06-G06
PSMF 04-G06	PSMF N04-N06	PSMFG04-G06
PSMF 03-G06	PSMF N03-N06	PSMFG03-G06
PSMF 02-G06	PSMF N02-N06	PSMFG02-G06
PSMF 08-G08	PSMF N08-N08	PSMFG08-G08
PSMF 06-G08	PSMF N06-N08	PSMFG06-G08
PSMF 04-G08	PSMF N04-N08	PSMFG04-G08
PSMF 03-G08	PSMF N03-N08	PSMFG03-G08



Thread(G)	Thread(NPT)
PFL G01	PFL N01
PFL G02	PFL N02
PFL G03	PFL N03
PFL G04	PFL N04
PFL G06	PFL N06
PFL G08	PFL N08

PIPE FITTINGS



Thread(R)1-Thread(R)2	Thread(NPT)1-Thread(NPT)2	Thread(G)1-Thread(G)2
PRMF02-G01	PRMF N02-N01	PRMFG02-G01
PRMF03-G01	PRMF N03-N01	PRMFG03-G01
PRMF03-G02	PRMF N03-N02	PRMFG03-G02
PRMF04-G01	PRMF N04-N01	PRMFG04-G01
PRMF04-G02	PRMF N04-N02	PRMFG04-G02
PRMF04-G03	PRMF N04-N03	PRMFG04-G03
PRMF06-G02	PRMF N06-N02	PRMFG06-G02
PRMF06-G03	PRMF N06-N03	PRMFG06-G03
PRMF06-G04	PRMF N06-N04	PRMFG06-G04



Thread(R)	Thread(NPT)
PEFL01	PEFLN01
PEFL02	PEFLN02
PEFL03	PEFLN03
PEFL04	PEFLN04
PEFL06	PEFLN06
PEFL08	PEFLN08



Thread(R)	Thread(NPT)	Thread(G)
PO M5	PO N01	PO G01
PO 01	PO N02	PO G02
PO 02	PO N03	PO G03
PO 03	PO N04	PO G04
PO 04	PO N06	PO G06
PO 06	PO N08	PO G08
PO 08		



Thread(R)	Thread(NPT)	Thread(G)
POHHM5	POHHM01	POHHG01
POHH01	POHHN02	POHHG02
POHH02	POHHN03	POHHG03
POHH03	POHHN04	POHHG04
POHH04	POHHN06	POHHG06
POHH06	POHHN08	POHHG08
POHH08		



Thread(R)	Thread(NPT)	Thread(G)
POHM5	POHM01	POHG01
POH01	POHN02	POHG02
POH02	POHN03	POHG03
POH03	POHN04	POHG04
POH04	POHN06	POHG06
POH06	POHN08	POHG08
POH08		



Thread(R)1-Thread(R)2	Thread(NPT)1-Thread(NPT)2	Thread(G)1-Thread(G)2
PZ02-G01	PZN02-N01	PZG02-G01
PZ03-G01	PZN03-N01	PZG03-G01
PZ03-G02	PZN03-N02	PZG03-G02
PZ04-G01	PZN04-N01	PZG04-G01
PZ04-G02	PZN04-N02	PZG04-G02
PZ04-G03	PZN04-N03	PZG04-G03
PZ06-G02	PZN06-N02	PZG06-G02
PZ06-G03	PZN06-N03	PZG06-G03
PZ06-G04	PZN06-N04	PZG06-G04



Thread(R)	Thread(NPT)
PMT01	PMTN01
PMT02	PMTN02
PMT03	PMTN03
PMT04	PMTN04
PMT06	PMTN06
PMT08	PMTN08



Thread(R)	Thread(NPT)
PSMT01	PSMTN01
PSMT02	PSMTN02
PSMT03	PSMTN03
PSMT04	PSMTN04
PSMT06	PSMTN06
PSMT08	PSMTN08



Thread(R)	Thread(NPT)
PSFT01	PSFTN01
PSFT02	PSFTN02
PSFT03	PSFTN03
PSFT04	PSFTN04
PSFT06	PSFTN06
PSFT08	PSFTN08



Thread(R)	Thread(NPT)
PFT01	PFTN01
PFT02	PFTN02
PFT03	PFTN03
PFT04	PFTN04
PFT06	PFTN06
PFT08	PFTN08



Thread(R)	Thread(NPT)
PMST01	PMSTN01
PMST02	PMSTN02
PMST03	PMSTN03
PMST04	PMSTN04
PMST06	PMSTN06
PMST08	PMSTN08



Thread(R)	Thread(NPT)
PMMT01	PMMTN01
PMMT02	PMMTN02
PMMT03	PMMTN03
PMMT04	PMMTN04
PMMT06	PMMTN06
PMMT08	PMMTN08

