



Quick Connectors

DQ, DQM, and DF Series

Catalog No. DQF-5
January 2012

- No tools required to couple and uncouple.
- Bi-directional flow design.
- Versatile options of both-end shutoff (DV), single-end shutoff (SV), and both end open (DF Series).

- DQ Series Quick Connector : 1 to 5 page
- DQM Series Miniature Quick Connector : 6 page
- DF Series Full Flow Quick Connector : 7 to 8 page

DQ Series Quick Connectors



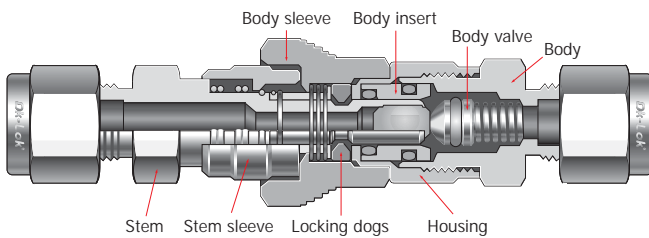
Features

- Bi-directional flow design.
- Simple to operate.
- SS316 construction with standard FKM O-ring.
- Brass construction with standard NBR O-ring.
- No tools required to couple and uncouple.
- Compact and light-weight design.

Operation

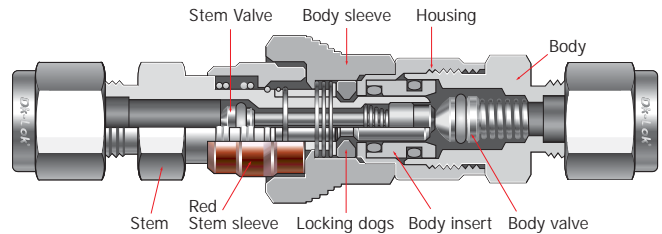
- Coupling
 1. Align the stem with the body in the identical Series.
 2. Push the stem into the body until it clicks.
- Uncoupling
 1. Pull the body sleeve toward stem.
 2. Remove stem from body.
- Do not couple or uncouple at pressures exceeding 250 psig (17.2 bar)

SV: Single valve coupled



➔ **Bi-Directional Flow** ←
Stem has no valve

DV: Double valve coupled



➔ **Bi-Directional Flow** ←
Stem has valve

Materials of Construction

Component	Material	
	SS316	Brass
Body, Housing		
Body valve	SS316/ ASTM A276	JIS H3250 C3604
Body insert		
Body sleeve		
Locking dogs	Xylan™-coated SS316 powered	
Stem		
Stem sleeve	SS316/ ASTM A276	JIS H3250 C3604
Stem valve		
O-rings	FKM	NBR
Springs	SS302/ASTM A313	
Lubricants	Silicon and TFE based	

Pressure-Temperature Ratings

DQ Stem and Body	SS316 FKM O-rings			Bass NBR O-rings		
	DQA	DQB	DQC	DQA	DQB	DQC
	psi (bar) @ °F (°C)					
Coupled	3000 (206) @ 70 (21)	1500 (103) @ 70 (21)	750 (51.6) @ 70 (21)	2000 (137) @ 70 (21)	1000 (68.9) @ 70 (21)	500 (34.4) @ 70 (21)
	250 (17.2) @ 400 (204)			250 (17.2) @ 250 (121)		
Uncoupled	250 (17.2) @ 70 (21)					
When coupling and uncoupling	250 (17.2) @ 70 (21)					

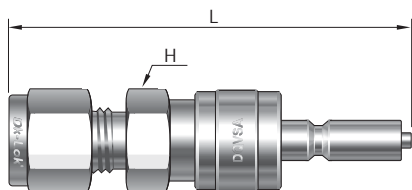
Spillage and Air Inclusion

- Spillage is the volume of system fluid that escapes while a quick connector is uncoupled.
- Air inclusion is the volume of air trapped that comes in while a quick connector is coupled.

unit: cm³

DQ Series	Spillage	Air Inclusion
DQ A	0.3	0.3
DQ B	1.0	1.0
DQ C	3.0	3.0

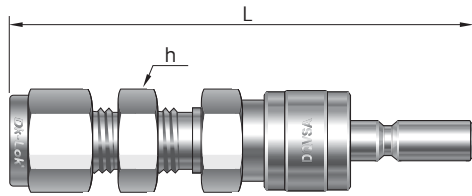
Ordering Information and Dimensions Stems



DV: Stem has a valve
SV: Stem has no valve

Series	End Connection	Basic Ordering Number		CV			L mm(in)		h Hex. in.
		SV	DV	SV	DV	Full Flow	SV	DV	
DQ A	1/8 in. DK-LOK	DQSA-D-2T-	DQVSA-D-2T-	0.08	0.08	0.08	58.9 (2.32)	70.4 (2.77)	5/8
	1/4 in. DK-LOK	DQSA-D-4T-	DQVSA-D-4T-	0.3	0.2	0.4	59.9 (2.36)	61.5 (2.42)	5/8
	6 mm DK-LOK	DQSA-D-6M-	DQVSA-D-6M-	0.3	0.2	0.4	59.9 (2.36)	61.5 (2.42)	5/8
	1/8 in. Male NPT	DQSA-M-2N-	DQVSA-M-2N-	0.3	0.2	0.4	52.6 (2.07)	54.1 (2.13)	5/8
	1/4 in. Male NPT	DQSA-M-4N-	DQVSA-M-4N-	0.3	0.2	0.4	56.4 (2.22)	57.9 (2.28)	5/8
	1/8 in. Female NPT	DQSA-F-2N-	DQVSA-F-2N-	0.3	0.2	0.4	51.1 (2.01)	52.6 (2.07)	5/8
	1/4 in. Female NPT	DQSA-F-4N-	DQVSA-F-4N-	0.3	0.2	0.4	57.4 (2.26)	58.9 (2.32)	3/4
DQ B	3/8 in. DK-LOK	DQSB-D-6T-	DQVSB-D-6T-	1.0	0.5	1.5	64.0 (2.52)	67.1 (2.64)	3/4
	10 mm DK-LOK	DQSB-D-10M-	DQVSB-D-10M-	1.0	0.5	1.5	67.3 (2.65)	70.4 (2.77)	3/4
	1/4 in. Male NPT	DQSB-M-4N-	DQVSB-M-4N-	0.9	0.5	1.5	58.9 (2.32)	61.9 (2.44)	3/4
	3/8 in. Male NPT	DQSB-M-6N-	DQVSB-M-6N-	0.8	0.5	1.6	59.7 (2.35)	62.7 (2.47)	3/4
	1/4 in. Female NPT	DQSB-F-4N-	DQVSB-F-4N-	0.9	0.5	1.5	59.7 (2.35)	62.7 (2.47)	3/4
	3/8 in. Female NPT	DQSB-F-6N-	DQVSB-F-6N-	0.8	0.5	1.6	59.7 (2.35)	62.7 (2.47)	7/8
DQ C	1/2 in. DK-LOK	DQSC-D-8T-	DQVSC-D-8T-	2.4	1.5	3.3	75.2 (2.96)	80.3 (3.16)	15/16
	12 mm DK-LOK	DQSC-D-12M-	DQVSC-D-12M-	2.4	1.5	3.3	75.2 (2.96)	80.3 (3.16)	15/16
	1/2 in. Male NPT	DQSC-M-8N-	DQVSC-M-8N-	2.0	1.3	3.1	72.1 (2.84)	77.2 (3.04)	15/16
	1/2 in. Female NPT	DQSC-F-8N-	DQVSC-F-8N- a	2.0	1.3	3.1	71.6 (2.82)	76.7 (3.02)	1 1/16

Stems-Bulkhead



DV: Stem has a valve
SV: Stem has no valve

Series	End Connection	Basic Ordering Number		Panel Thickness Max mm(in.)	Panel Hole Dia Min mm(in.)	L mm(in)		h Hex. in.
		SV	DV			SV	DV	
DQ A	1/4 in. DK-LOK	DQSA-BH-D-4T-	DQVSA-BH-D-4T-	6.4 (0.25)	11.9 (15/32)	69.6 (2.74)	71.1 (2.80)	5/8
	6 mm DK-LOK	DQSA-BH-D-6M-	DQVSA-BH-D-6M-	6.4 (0.25)	11.5 (29.64)	69.6 (2.74)	71.1 (2.80)	16 mm
DQ B	3/8 in. DK-LOK	DQSB-BH-D-6T-	DQVSB-BH-D-6T-	6.9 (0.27)	15.1 (19/32)	74.2 (2.92)	76.0 (3.07)	3/4
	10 mm DK-LOK	DQSB-BH-D-10M-	DQVSB-BH-D-10M-	6.9 (0.27)	16.7 (21/32)	77.7 (3.06)	78.7 (3.10)	22 mm
DQ C	1/2 in. DK-LOK	DQSC-BH-D-8T-	DQVSC-BH-D-8T-	6.6 (0.26)	19.8 (25/32)	87.1 (3.43)	92.2 (3.63)	15/16
	12 mm DK-LOK	DQSC-BH-D-12M-	DQVSC-BH-D-12M-	6.6 (0.26)	19.4 (49/64)	87.1 (3.43)	92.2 (3.63)	24 mm

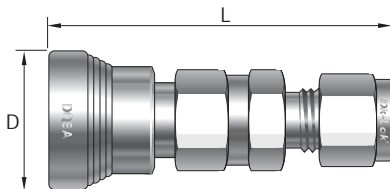
Insertion depth and Overall length

To have an overall length in coupled position, subtract the insertion depth from the combination length of the stem and the body.

Insertion Depth

DQ Series	Depth mm(in.)	
	SV	DV
DQ A	27.7 (1.09)	29.2 (1.15)
DQ B	30.0 (1.18)	33.0 (1.30)
DQ C	37.6 (1.48)	42.7 (1.68)

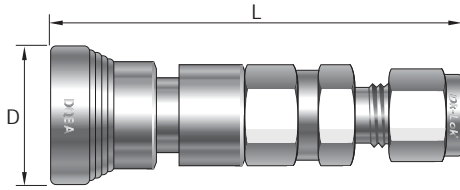
Bodies



Series	End Connection	Basic Ordering Number	L mm(in.)	D mm(in.)
DQ A	1/8 in. DK-LOK	DQBA-D-2T-	57.4 (2.26)	23.1 (0.91)
	1/4 in. DK-LOK	DQBA-D-4T-	56.4 (2.30)	23.1 (0.91)
	6 mm DK-LOK	DQBA-D-6M-	58.4 (2.30)	23.1 (0.91)
	1/8 in. Male NPT	DQBA-M-2N-	51.1 (2.01)	23.1 (0.91)
	1/4 in. Male NPT	DQBA-M-4N-	54.9 (2.16)	23.1 (0.91)
	1/4 in. Male ISO	DQBA-M-4R-	54.9 (2.16)	23.1 (0.91)
	1/8 in. Female NPT	DQBA-F-2N-	54.9 (2.16)	23.1 (0.91)
	1/4 in. Female NPT	DQBA-F-4N-	61.5 (2.42)	23.1 (0.91)
	1/4 in. Female ISO	DQBA-F-4R-	61.5 (2.42)	23.1 (0.91)
DQ B	3/8 in. DK-LOK	DQBB-D-6T-	65.5 (2.58)	26.2 (1.03)
	10 mm DK-LOK	DQBB-D-10M-	68.1 (2.68)	26.2 (1.03)
	1/4 in. Male NPT	DQBB-M-4N-	60.5 (2.38)	26.2 (1.03)
	3/8 in. Male NPT	DQBB-M-6N-	60.5 (2.38)	26.2 (1.03)
	3/8 in. Male ISO	DQBB-M-6R-	60.5 (2.38)	26.2 (1.03)
	1/4 in. Female NPT	DQBB-F-4N-	64.5 (2.54)	26.2 (1.03)
	3/8 in. Female NPT	DQBB-F-6N-	65.3 (2.57)	26.2 (1.03)
	3/8 in. Female ISO	DQBB-F-6R-	65.3 (2.57)	26.2 (1.03)
DQ C	1/2 in. DK-LOK	DQBC-D-8T-	78.5 (3.09)	30.7 (1.21)
	12 mm DK-LOK	DQBC-D-12M-	78.5 (3.09)	30.7 (1.21)
	1/2 in. Male NPT	DQBC-M-8N-	75.4 (2.97)	30.7 (1.21)
	1/2 in. Male ISO	DQBC-M-8R-	75.4 (2.97)	30.7 (1.21)
	1/2 in. Female NPT	DQBC-F-8N-	81.8 (3.22)	30.7 (1.21)
	1/2 in. Female ISO	DQBC-F-8R-	81.8 (3.22)	30.7 (1.21)

IDK-LOK® Quick Connectors

Bodies-Bulkhead



Series	End Connection	Basic Ordering Number	Panel Thickness MAX	Panel Hole Dia MAX	L	D
			mm (in.)			
DQ A	1/4 in. DK-LOK	DQBA-BH-D-4T-	6.4 (0.25)	11.9 (15/32)	67.8 (2.67)	23.1 (0.91)
	6 mm DK-LOK	DQBA-BH-D-6M-	6.4 (0.25)	11.9 (15/32)	67.8 (2.67)	23.1 (0.91)
DQ B	3/8 in. DK-LOK	DQBB-BH-D-6T-	6.9 (0.27)	15.1 (19/32)	75.7 (2.98)	26.2 (1.03)
	10 mm DK-LOK	DQBB-BH-D-10M-	6.9 (0.27)	16.7 (21/32)	75.9 (2.99)	26.2 (1.03)
DQ C	1/2 in. DK-LOK	DQBC-BH-D-8T-	6.6 (0.26)	19.8 (25/32)	90.4 (3.56)	30.7 (1.21)
	12 mm DK-LOK	DQBC-BH-D-12M-	6.6 (0.26)	19.4 (49/64)	90.4 (3.56)	30.7 (1.21)

How to Order

Add "SA" for SS316 or "BA" for Brass as a suffix to the Basic Ordering Number.

Examples: DQSA-D-4T-SA, DQBA-D-4T-BA.

O-ring Designators

- Nil : Standard FKM for SS316 quick connecto
- Nil: Standard NBR for Brass quick connector
- FKM: VT
- NBR: BN
- FFKM: KZ
- EPDM: EP

How to Order an Optional O-ring Connector

Insert O-ring designator to the basic ordering number.

Examples: DQVSA-D-2T-KZ-SA, DQVSA-D-2T-EP-BA

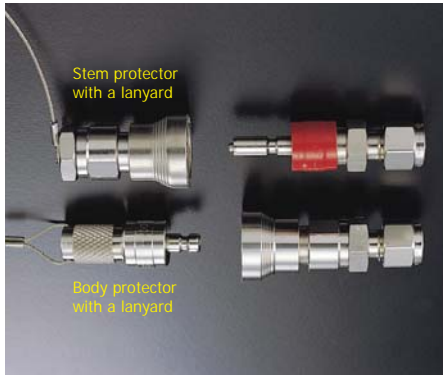
How to Order a Full Flow DQ Series Connector

A full flow DQ series consists of a SV stem and a full flow body.

To order a full flow body, select an applicable Basic Ordering Number, add "FF" and a material designator.

Examples: DQBA-D-4T-FF-SA, DQBB-D-6T-FF-SA.

Options



DQ Protectors

Body and Stem Protector are available to protect body and stem from damage and contamination while they are uncoupled.

Field Assembly Protector Ordering Number

Stem Protector	Body Protector
DQSA-CP-	DQBA-PG-
DQSB-CP-	DQBB-PG-
DQSC-CP-	DQBC-PG-

To complete ordering number, add a material designator "SA" for SS316, "BA" for Brass as a suffix to the protector ordering number.

Examples: DQSA-CP-SA, DQBA-PG-BA

Note: Stem Protector is applicable to both SV stem and DV stem.

Pressure Retaining Protectors

DQ Protectors are not pressure retaining devices.

To order the pressure retaining protector, add "P" as a suffix to the protector ordering number.

Examples: DQSA-CP-P-, DQBA-PG-P-

Materials of Construction

Protector: Stainless steel or Brass
 Lanyard: Stainless steel
 Lanyard clamp: Stainless steel

How to order FACTORY ASSEMBLED PROTECTOR on to DQ stem and body.

Select an applicable STEM or BODY ordering number, and insert "CP" or "PG" in the ordering number.

Examples: DQVSC-D-12M-CP-SA, DQBC-D-12M-PG-SA.

DQ color coded "Keyed" quick connectors



Features

- DQ Keyed quick connectors prevent intermixing of different keys mechanically as well as allow visual identification by color coding.
- Eight (8) different keys on each DQ series are available with its own Key number.
- DQ keys are useful to control multi-fluid or multi-pressure systems.

Operation

- Select stem and body keyed in the same DQ series.
- Coupling: Align stem with body. Push stem into body until it clicks.
- Uncoupling: Pull body sleeve toward stem. Remove stem.

DQ Key Ordering Numbers and Sleeve Outside Diameter

Key Number	Key Color	DQ A				DQ B				DQ C			
		Body Sleeve		Stem Sleeve		Body Sleeve		Stem Sleeve		Body Sleeve		Stem Sleeve	
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
K1	Black	24.5	0.96	20.9	0.82	28.7	1.13	25.1	0.99	32.0	1.26	27.9	1.10
K2	Orange	25.0	0.99	21.6	0.85	29.5	1.16	25.8	1.02	32.8	1.29	28.9	1.14
K3	Green	26.0	1.02	22.4	0.88	30.2	1.19	26.6	1.05	33.6	1.32	29.7	1.17
K4	Yellow	26.8	1.05	23.2	0.91	31.0	1.22	27.4	1.08	34.3	1.35	30.4	1.20
K5	Blue	27.5	1.08	23.9	0.94	31.5	1.24	28.1	1.11	35.1	1.38	31.2	1.23
K6	White	28.3	1.11	24.7	0.97	32.5	1.28	28.9	1.14	35.8	1.41	32.0	1.26
K7	Purple	29.1	1.14	25.4	1.00	33.3	1.31	29.7	1.17	36.6	1.44	32.7	1.29
K8	Brown	29.8	1.17	26.2	1.03	34.0	1.34	30.4	1.20	37.4	1.47	33.5	1.32
Standard DQ Body Sleeve Dia.		23.1	0.91			26.2	1.03			30.7	1.21		

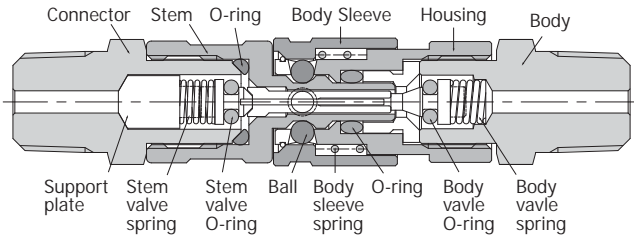
How to Order

Add the Key number as a suffix to the DQ series ordering number. Examples: DQSB-D-6T-**K1**-SA.

DQM Series Miniature Quick Connectors

Features

- Bi-directional flow design.
- Miniature design for max. 4000 psi working pressure.
- Stainless steel and brass construction.



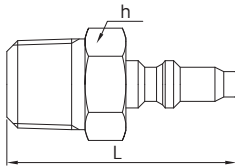
➔ Bi-Directional Flow ➔

Materials of Construction

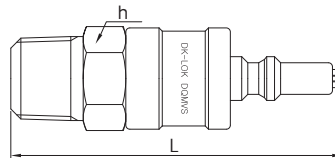
Component	Material	
	Stainless	Brass
Body, Housing, Stem, Connector, Body sleeve	SS316/ ASTM A276	JIS H3250 C3604
Support plate, Left & Right fin	SS316/ASTM A276	
Body valve, Stem valve	SS316/ASTM A276	
Springs	SS302/ASTM A313	
O-rings	FKM	NBR
Locking ball	SS316	
Lubricants	Silicon and TFE based	

Wetted parts indicated in blue.

Ordering Information and Dimensions Stems



SV: Stem has no valve

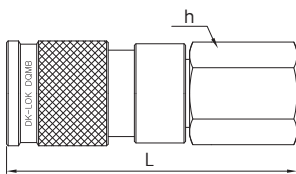


DV: Stem has a valve



End Connection	Basic Ordering Number		CV			L mm(in)		h Hex. in.
	SV	DV	SV	DV	Full Flow	SV	DV	
1/16 in. DK-LOK	DQMS-D-1T-	DQMVS-D-1T-	0.06	0.05	0.06	30.0 (1.18)	44.7 (1.76)	7/16
1/16 in. Male NPT	DQMS-M-1N-	DQMVS-M-1N-	0.06	0.05	0.06	26.2 (1.03)	40.9 (1.61)	7/16
1/16 in. Female NPT	DQMS-F-1N-	DQMVS-F-1N-	0.06	0.05	0.06	26.2 (1.03)	40.9 (1.61)	7/16
1/8 in. DK-LOK	DQMS-D-2T-	DQMVS-D-2T-	0.06	0.05	0.06	32.8 (1.29)	47.5 (1.87)	7/16
1/8 in. Male NPT	DQMS-M-2N-	DQMVS-M-2N-	0.06	0.05	0.06	26.2 (1.03)	40.9 (1.61)	7/16
1/8 in. Female NPT	DQMS-F-2N-	DQMVS-F-2N-	0.06	0.05	0.06	26.2 (1.03)	46.0 (1.81)	9/16

Body



Basic Ordering Number	End Connection	L mm(in.)	h HEX. in.
DQMB-D-1T-	1/16 in. DK-LOK	38.1 (1.50)	7/16
DQMB-D-2T-	1/8 in. DK-LOK	43.2 (1.70)	7/16
DQMB-M-1N-	1/16 in. Male NPT	36.1 (1.42)	7/16
DQMB-M-2N-	1/8 in. Male NPT	36.6 (1.44)	7/16
DQMB-F-1N-	1/16 in. Female NPT	36.3 (1.43)	7/16
DQMB-F-2N-	1/8 in. Female NPT	41.1 (1.62)	9/16
DQMB-BH*-D-2T-	1/8 in. DK-LOK	53.1 (2.09)	7/16

BH*: Bulkhead

How to Order a Full Flow DQM Quick Connector

A full flow DQM series consists of a SV stem and a full flow body.

To order a full flow body, select an applicable basic ordering number, add "FF" and a material designator. i.e., DQMB-D-2T-FF-SA

Pressure-Temperature Ratings

DQM Stem and Body	SS316 FKM O-rings	Brass NBR O-rings
	Pressure Rating psi (bar) @ °F (°C)	
Coupled	4000 (275) @ 70 (21)	2000 (137) @ 70 (21)
	100 (6.8) @ 400 (204)	100 (6.8) @ 250 (121)
Uncoupled	100 (6.8) @ 70 (21)	
When coupling & uncoupling	100 (6.8) @ 70 (21)	

Spillage and Air Inclusion 0.1 cm³

Insertion Depth

SV: 11.9 mm (0.47)

DV: 13.5 mm (0.53 in.)

Operation: To couple, to uncouple, pull body sleeve.

Insertion depth and Overall length

To have an overall length in coupled position, subtract the insertion depth from the combination length of the stem and the body.

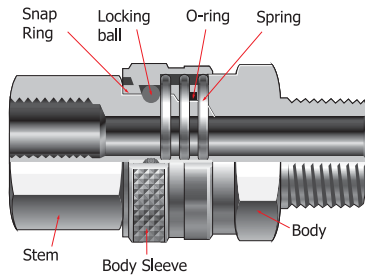
How to Order

Add "SA" for stainless or "BA" for brass as a suffix to the basic ordering number. Example : DQMS-D-1T-SA.

DF Series Full Flow Quick Connectors

Features

- Bi-directional flow design.
- Applicable to maximum flow
- Lowest pressure drop
- No tools required to connect & disconnect



➔ Bi-Directional Flow ➔

Materials of Construction

Component	Material	
	SS316	Brass
Body, Stem, Sleeve	SS316/ASTM A276	JIS H3250 C3604
Snap ring	SS316	SS316
Spring, Locking Ball	SS304	SS304
O-ring	FKM	NBR
Lubricant	Silicon and TFE based	

Wetted parts and lubrication are indicated in blue.

Cleaning and Packaging

Every connector is cleaned, and packed in a plastic sealing bag to keep them from dust, and then boxed for protection from damage during transportation and storage.

Max. Pressure @ 700 °F (210 °C)

DF Series	SS316 psig (bar)	Brass psig (bar)
DF A	6000 (413)	4000 (275)
DF B		3000 (206)
DF C	4000 (275)	2000 (137)
DF D		

Max. Temperature Rating

DF Materials	O-ring Material	MAX. Temp. Rating	Pressure Rating @ Max. Temp
SS316	FKM	400 °F (204 °C)	100 psig (6.8 bar)
Brass	NBR	250 °F (121 °C)	100 psig (6.8 bar)

Operation

Coupling

1. Align stem with body.
2. Pull the body sleeve back.
3. Insert stem into body until it bottoms.
4. Return body sleeve to its original position.

Uncoupling

1. Pull the body sleeve back completely.
2. Remove stem from body.

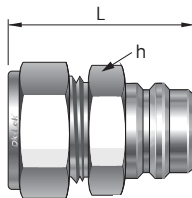
Caution: Do not uncouple under pressure.

Note:

Couple the identical Series of stem and body.

Example: Any DFBA series body will fit any DFSA series stem.

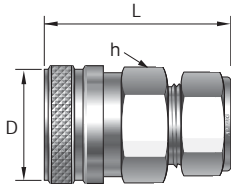
Ordering Information and Dimensions Stems



Basic Ordering Number	End Connection	CV	Orifice Min.		L	h in.
			in. (mm)			
DFSA-	D-4T-	1/4 in. DK-LOK	2.2	4.8 (0.19)	45.0 (1.77)	9/16
	D-6T-	3/8 in. DK-LOK	2.8	6.1 (0.24)	45.0 (1.77)	11/16
	D-6M-	6 mm DK-LOK	2.2	4.8 (0.19)	45.0 (1.77)	9/16
	M-4N-	1/4 in. Male NPT	1.7	6.1 (0.24)	40.4 (1.59)	9/16
	M-6N-	3/8 in. Male NPT	1.7	6.1 (0.24)	40.4 (1.59)	11/16
	F-4N-	1/4 in. Female NPT	1.7	6.1 (0.24)	40.6 (1.60)	3/4
DFSB-	F-6N-	3/8 in. Female NPT	1.7	6.1 (0.24)	42.4 (1.67)	7/8
	D-6T-	3/8 in. DK-LOK	2.9	7.1 (0.28)	47.8 (1.88)	7/8
	D-8T-	1/2 in. DK-LOK	13.0	10.4 (0.41)	50.5 (1.99)	7/8
	M-6N-	3/8 in. Male NPT	7.1	10.4 (0.41)	40.4 (1.59)	7/8
	M-8N-	1/2 in. Male NPT	11.5	12.7 (0.50)	46.7 (1.84)	7/8
	F-6N-	3/8 in. Female NPT	7.1	11.9 (0.47)	40.4 (1.59)	1 1/16
DFSC-	F-8N-	1/2 in. Female NPT	11.5	12.7 (0.50)	46.2 (1.82)	1 1/16
	D-12T-	3/4 in. DK-LOK	26.0	15.7 (0.62)	54.6 (2.15)	1 1/16
	M-12N-	3/4 in. Male NPT	23.6	18.3 (0.72)	51.6 (2.03)	1 1/16
DFSD-	F-12N-	3/4 in. Female NPT	23.6	18.3 (0.72)	52.8 (2.08)	1 5/16
	D-16T-	1 in. DK-LOK	45.0	22.4 (0.88)	62.2 (2.45)	1 3/8
	M-16N-	1 in. Male NPT	39.0	22.4 (0.88)	59.7 (2.35)	1 3/8
	F-16N-	1 in. Female NPT	39.0	22.4 (0.88)	63.2 (2.49)	1 5/8

IDK-LOK® Quick Connectors

Bodies



Basic Ordering Number	End Connection	Orifice Min.	L	D	h	
			in. (mm)		in.	
DFBA-	D-4T-	1/4 in. DK-LOK	4.8 (0.19)	45.7 (1.80)	22.1 (0.87)	1 1/16
	D-6T-	3/8 in. DK-LOK	7.1 (0.28)	46.0 (1.81)	22.1 (0.87)	1 1/16
	D-6M-	6 mm DK-LOK	4.8 (0.19)	45.7 (1.80)	22.1 (0.87)	11/16
	M-4N-	1/4 in. Male NPT	6.4 (0.25)	39.9 (1.57)	22.1 (0.87)	11/16
	M-6N-	3/8 in. Male NPT	9.4 (0.37)	39.9 (1.57)	22.1 (0.87)	11/16
	F-4N-	1/4 in. Female NPT	9.7 (0.38)	38.1 (1.50)	22.1 (0.87)	3/4
DFBB-	F-6N-	3/8 in. Female NPT	9.7 (0.38)	41.4 (1.63)	22.1 (0.87)	7/8
	D-6T-	3/8 in. DK-LOK	7.1 (0.28)	55.1 (2.17)	33.0 (1.30)	1 1/16
	D-8T-	1/2 in. DK-LOK	11.9 (0.47)	56.6 (2.23)	33.0 (1.30)	1 1/16
	M-6N-	3/8 in. Male NPT	10.4 (0.41)	46.5 (1.83)	33.0 (1.30)	1 1/16
	M-8N-	1/2 in. Male NPT	12.7 (0.50)	52.8 (2.08)	33.0 (1.30)	1 1/16
	F-6N-	3/8 in. Female NPT	15.0 (0.59)	43.9 (1.73)	33.0 (1.30)	1 1/16
DFBC-	F-8N-	1/2 in. Female NPT	16.0 (0.63)	43.9 (1.73)	33.0 (1.30)	1 1/16
	D-12T-	3/4 in. DK-LOK	15.7 (0.62)	62.2 (2.45)	42.2 (1.66)	1 1/2
	M-12N-	3/4 in. Male NPT	18.3 (0.72)	59.2 (2.33)	42.2 (1.66)	1 1/2
DFBD-	F-12N-	3/4 in. Female NPT	22.4 (0.88)	48.0 (1.89)	42.2 (1.66)	1 1/2
	D-16T-	1 in. DK-LOK	22.4 (0.88)	69.9 (2.75)	47.8 (1.88)	1 11/16
	M-16N-	1 in. Male NPT	22.4 (0.88)	67.3 (2.65)	47.8 (1.88)	1 11/16
	F-16N-	1 in. Female NPT	26.9 (1.06)	53.8 (2.12)	47.8 (1.88)	1 11/16

DF Protectors

Body and Stem Protector are available to protect body and stem from damage and contamination while they are uncoupled.

Field Assembly Protector Ordering Number

Stem Protector	Body Protector
DFSA-CP-	DFBA-PG-
DFSB-CP-	DFBB-PG-
DFSC-CP-	DFBC-PG-
DFSD-CP-	DFBD-PG-

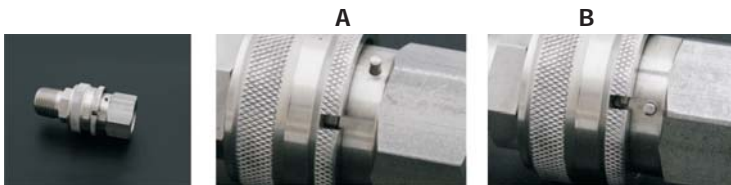
To complete ordering number, add a material designator "SA" for SS316, "BA" for Brass as a suffix to the protector ordering number.

Examples: DFSA-CP-**SA**, DFBA-PG-**BA**

How to order FACTORY ASSEMBLED PROTECTOR on to DF stem and body.

Select an applicable STEM or BODY ordering number, and insert "P" or "PG" in the ordering number. Examples: DFSA-D-4T-**CP-SA**, DFBA-D-4T-**PG-SA**.

Safety Pin Option on DF series



- A. A safety pin on body with a holding groove on sleeve prevents accidental uncoupling.
- B. To uncouple, rotate body sleeve for the pin to fit into the groove and pull the body sleeve back.

To order Safety Pin DF body, insert "P" in the ordering number. Example: DFBC-D-12T-**P-SA**

All dimensions shown are for reference only and subject to change. Dimensions with DK-LOK Tube Fittings are in finger-tight position. We reserve the right to change specifications stated in this catalog for our continuing program of product improvement.

Insertion Depth

unit: mm(in.)

DF Series	Depth
DF A	19.8 (0.78)
DF B	20.6 (0.81)
DF C	22.9 (0.90)
DF D	23.9 (0.94)

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