

Pneufit D Acetal (POM) Push-in Fittings, inch

- Tube size:
Ø 5/32" ... 1/2" O/D
- NPT, ISO G, ISO R, UNF and UNS threads
- Developed for potable water, beverages, drinks dispense and compressed air applications
- FDA approved material ensuring safety, certified to NSF 51, 61
- Compliant with Food Contact Materials - Regulation (EC) 1935/2004
- Food grade EPDM sealing
- Quick one touch connection and disconnection without need of tools
- Optional locking clip



Technical features

Medium:

Water, liquid foods, air and gas

Operating pressure:

Nominal range: vacuum to 232 psi (16 bar) dependant on temperature and tube size, see table below for details

Standard:

Conforms to BS ISO 14743

Tube sizes:

5/32", 3/16", 1/4", 5/16", 3/8", 1/2"

Thread sizes:

1/8", 1/4", 3/8", 1/2";
NPT, ISO G, ISO R, UNF, UNS

Applicable tubing:

Polyethylene (PE), Polyamide (PA), Polyurethane (PU)

Operating temperature:

Nominal range:
32° to 140°F (0 to 60°C) dependant on pressure and tube size see table below for details

Materials:

Body and cover: POM

Collet: POM and SUS

Sealing: EPDM

Additional ranges:

Metric tube sizes

Food and beverage compliance and certification
NSF 51, 61
EC 1935/2004
MOCA
ICIM

Typical applications:

Food and beverage, drinks dispense, industrial automation - compressed air, vacuum, medical, life sciences

MOCA – approval only valid for pre-packaged quantities (available in multiples of 5, 10 or 20; see product tables for details)

Pressure, temperature, tube diameter, bend radius

Temp. °C / Tube Ø	-4°F	34°F	77°F	158°F	208°F	min. Bend radius
5/32"	0 to 116 psi (dry air)	-14.5 psi to 290 psi		-14.5 psi to 232 psi	-14.5 psi to 145 psi	1"
3/16" ... 1/4"						1.13"
5/16"		-14.5 psi to 232 psi		-14.5 psi to 203 psi		1.25"
3/8"						1.25"
1/2"		-14.5 psi to 203 psi		-14.5 psi to 116 psi	-14.5 psi to 87 psi	2.5"

Thread tightening torque

Maximum torque for: ISO G, ISO R, and NPT threads				
Thread	1/8"	1/4"	3/8"	1/2"
Max. Torque	1.5 Nm	1.5 Nm	3.0 Nm	3.0 Nm
	1.1 ft lbs	1.1 ft lbs	2.2 ft lbs	2.2 ft lbs

Method of assembly



1. Ensure that the end of the tube is cut square and is free from burrs.

2. Push the tube through the collet into the fitting.

3. Continue pushing the tube through the 'O'-ring until it bottoms on the tube stop then pull back.

4. To disconnect push the tube into the fitting, hold down the collet and withdraw the tube.

Straight adaptors and connectors

Straight adaptor NPT D2425  Page 3	Straight adaptor ISO R D2125  Page 3	Straight adaptor ISO G D2225  Page 3	Straight stem adaptor NPT D2415  Page 4	Straight union D2020  Page 4	Straight union (unequal) D2020  Page 4
Bulkhead union D2029  Page 4	Stem tail piece D2039  Page 5	Stem reducer (stem/tube) D2023  Page 5	End stop (female plug) D200A  Page 5	Plug D2004  Page 5	
Female adaptor NPT D242C  Page 5	Female adaptor ISO G (flat type) D222C  Page 6	Female adaptor UNS (cone type) D242D ... W  Page 6	Female adaptor UNF (cone type) D242D ... Y  Page 6		

Elbow adaptors and connectors

Elbow adaptor NPT D2445  Page 7	Union elbow D2040  Page 7	Union elbow (unequal) D2040  Page 7	Stem elbow D2043  Page 8	Stem elbow tail piece D204A  Page 8
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Swivel elbow and tee adaptors

Note: Swivel elbow and tee adaptors can be produced by putting together a straight stem adaptor and a union elbow or tee for details see page 11.

Tee, Y and U connectors

Union tee D2060  Page 8	Union Y D2082  Page 9	U bend D2089  Page 9
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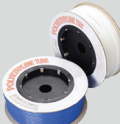
Hand valves

2/2 shut-off (tube/tube) D20GR  Page 9
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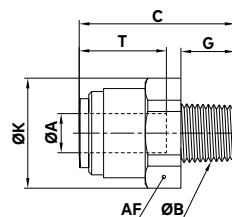
Accessories

Locking clip D2LC  Page 10	Inline flow control with bulkhead D20GP  Page 10	Filter D20G1  Page 10	Check valve D20GL  Page 10	Straight union (polymer to steel tube) D2020....HS  Page 11	Elbow union (polymer to steel tube) D2040....HS  Page 11
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Tubing

Polyethylene tube PE2  Page 11
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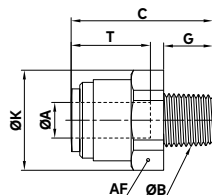
Straight adaptor NPT D2425



ø A	B	C	G	ø K	T	AF	Weight (g)	Pack size *	Model
1/4	1/8 NPT	1.06 (27)	0.36 (9.1)	0.7 (17.8)	0.67 (16.9)	0.62 (15.8)	3,9	10	D24250418
1/4	1/4 NPT	1.06 (27)	0.52 (13.2)	0.7 (17.8)	0.67 (16.9)	0.62 (15.8)	4,3	10	D24250428
1/4	3/8 NPT	1.03 (26.1)	0.54 (13.8)	0.84 (21.4)	0.67 (16.9)	0.75 (19)	6,1	10	D24250438
1/4	1/2 NPT	1.19 (30.1)	0.7 (17.8)	0.98 (25)	0.67 (16.9)	0.87 (22.2)	9,6	10	D24250448
3/8	1/4 NPT	1.35 (34.3)	0.52 (13.2)	0.91 (23)	0.8 (20.2)	0.91 (23)	7,9	10	D24250628
3/8	3/8 NPT	1.18 (29.9)	0.54 (13.8)	0.91 (23)	0.8 (20.2)	0.91 (23)	7,5	10	D24250638
3/8	1/2 NPT	1.33 (33.9)	0.7 (17.8)	0.98 (25)	0.8 (20.2)	0.87 (22.2)	11	10	D24250648
1/2	3/8 NPT	1.51 (38.4)	0.54 (13.8)	1.08 (27.4)	0.99 (25.1)	0.96 (24.5)	11,7	10	D24250738
1/2	1/2 NPT	1.49 (37.9)	0.7 (17.8)	1.08 (27.4)	0.99 (25.1)	0.96 (24.5)	12,7	5	D24250748

* Pack size (sealed bag quantity) = minimum order quantity

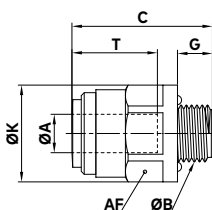
Straight adaptor ISO R D2125



ø A	B	C	G	ø K	T	AF	Weight (g)	Pack size *	Model
1/4	R1/4	1.06 (26.8)	0.48 (12.2)	0.75 (19)	0.63 (16.1)	0.67 (17)	4,3	10	D21250428
1/4	R3/8	1.05 (26.6)	0.53 (13.5)	0.83 (21)	0.67 (16.9)	0.75 (19)	5,8	10	D21250438
3/8	R3/8	1.14 (28.9)	0.53 (13.5)	0.91 (23.2)	0.8 (20.2)	0.83 (21)	6,8	10	D21250638

* Pack size (sealed bag quantity) = minimum order quantity

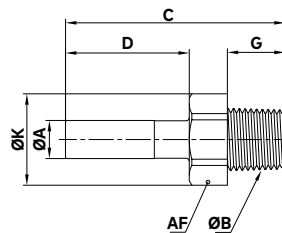
Straight adaptor ISO G D2225



ø A	B	C	G	ø K	T	AF	Weight (g)	Pack size *	Model
1/4	G1/8	0.95 (24.1)	0.24 (6)	0.65 (16.5)	0.67 (16.9)	0.59 (15)	3,6	10	D22250418
1/4	G1/4	0.95 (24.1)	0.33 (8.5)	0.81 (20.5)	0.67 (16.9)	0.71 (18)	4,7	10	D22250428
5/16	G3/8	1.04 (26.5)	0.35 (9)	0.94 (24)	0.69 (17.5)	0.83 (21)	7	10	D22250538
3/8	G1/4	1.22 (30.9)	0.33 (8.5)	0.83 (21.1)	0.8 (20.2)	0.75 (19)	7,3	10	D22250628
3/8	G3/8	1.04 (26.4)	0.33 (8.5)	0.95 (24.2)	0.8 (20.2)	0.83 (21)	7,1	10	D22250638

* Pack size (sealed bag quantity) = minimum order quantity

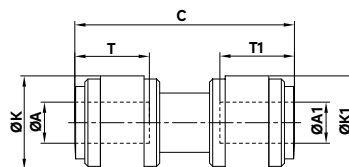
Straight stem adaptor NPT D2415



ø A	B	C	ø K	D	G	AF	Weight (g)	Pack size *	Model
1/4	1/8 NPT	1.34 (34.1)	0.56 (14.1)	0.75 (19)	0.36 (9.1)	0.5 (12.7)	2.1	10	D24150418
1/4	1/4 NPT	1.5 (38.2)	0.7 (17.8)	0.75 (19)	0.52 (13.2)	0.62 (15.8)	3.8	10	D24150428
3/8	1/4 NPT	1.66 (42.2)	0.7 (17.8)	0.91 (23)	0.52 (13.2)	0.62 (15.8)	4.5	10	D24150628
3/8	3/8 NPT	1.7 (43.3)	0.85 (21.5)	0.91 (23)	0.54 (13.8)	0.75 (19)	6.5	10	D24150638
1/2	3/8 NPT	1.86 (47.3)	0.85 (21.5)	1.06 (27)	0.54 (13.8)	0.75 (19)	6.9	10	D24150738
1/2	1/2 NPT	2.02 (51.3)	1.06 (26.8)	1.06 (27)	0.7 (17.8)	0.94 (23.8)	11.4	5	D24150748

* Pack size (sealed bag quantity) = minimum order quantity

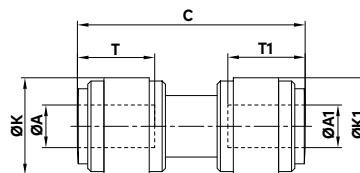
Straight union D2020



ø A	C	ø K	T1	T2	Weight (g)	Pack size *	Model
1/4	1.43 (36.2)	0.61 (15.5)	0.67 (16.9)	0.67 (16.9)	5.2	10	D20200400
5/16	1.5 (38.2)	0.69 (17.6)	0.69 (17.5)	0.69 (17.5)	6.9	10	D20200500
3/8	1.69 (42.9)	0.79 (20)	0.8 (20.2)	0.8 (20.2)	9.7	10	D20200600
1/2	2.09 (53.2)	0.93 (23.6)	0.99 (25.1)	0.99 (25.1)	14.6	5	D20200700

* Pack size (sealed bag quantity) = minimum order quantity

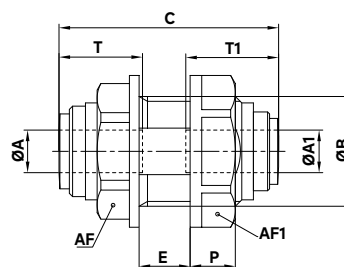
Straight union (unequal) D2020



ø A	ø A2	C	ø K	ø K1	T1	T2	Weight (g)	Pack size *	Model
5/16	1/4	1.45 (36.8)	0.69 (17.6)	0.69 (17.6)	0.69 (17.5)	0.67 (16.9)	6	10	D20200504
3/8	1/4	1.66 (42.1)	0.79 (20)	0.61 (15.5)	0.8 (20.2)	0.67 (16.9)	9.9	10	D20200604
3/8	5/16	1.67 (42.5)	0.79 (20)	0.79 (20)	0.8 (20.2)	0.69 (17.5)	9.9	10	D20200605
1/2	5/16	2.05 (52)	0.93 (23.6)	0.69 (17.6)	0.99 (25.1)	0.69 (17.5)	16.7	5	D20200705
1/2	3/8	2.06 (52.4)	0.93 (23.6)	0.93 (23.6)	0.99 (25.1)	0.8 (20.2)	16.3	5	D20200706

* Pack size (sealed bag quantity) = minimum order quantity

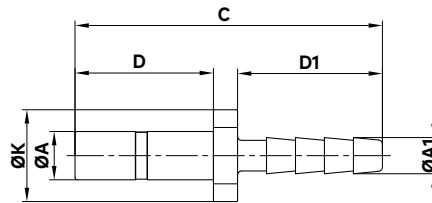
Bulkhead union D2029



ø A	ø A1	B	C	E	P	T1	T2	AF	AF1	Weight (g)	Pack size *	Model
1/4	1/4	M17x1.5	1.35 (34.2)	0.31 (7.9)	0.28 (7)	0.67 (16.9)	0.67 (16.9)	0.75 (19)	0.83 (21)	9.4	10	D20290400
5/16	5/16	M20x1.75	1.52 (38.5)	0.37 (9.4)	0.31 (8)	0.69 (17.5)	0.69 (17.5)	0.83 (21)	0.98 (25)	14.2	5	D20290500
3/8	3/8	M24x1.75	1.67 (42.4)	0.43 (10.8)	0.33 (8.5)	0.8 (20.2)	0.8 (20.2)	0.94 (24)	1.1 (28)	20.1	5	D20290600
1/2	1/2	M27x2.0	2.04 (51.8)	0.65 (16.4)	0.35 (9)	0.99 (25.1)	0.99 (25.1)	1.06 (27)	1.22 (31)	27.6	5	D20290700

* Pack size (sealed bag quantity) = minimum order quantity

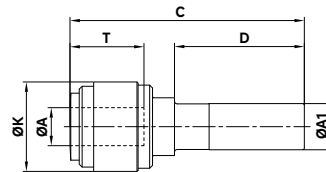
Stem tail piece D2039



ø A	ø A1	C	D	ø K	L	Weight (g)	Pack size *	Model
5/16	8,6	157 (40)	0.75 (19)	0.48 (12.2)	0.71 (18)	2,1	10	D20390505
3/8	10	179 (45.5)	0.89 (22.5)	0.58 (14.7)	0.79 (20)	2,5	10	D20390606
1/2	10	199 (50.5)	1.08 (27.5)	0.73 (18.5)	0.79 (20)	4,1	10	D20390706

* Pack size (sealed bag quantity) = minimum order quantity

Stem reducer (stem/tube) D2023

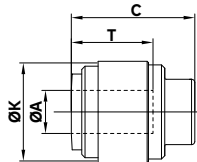


ø A	ø A1	C	D	ø K	T	Weight (g)	Pack size *	Model
5/32	1/4	144 (36.7)	0.83 (21)	0.52 (13.2)	0.58 (14.7)	2,4	10	D20230204
1/4	5/16	16 (40.6)	0.89 (22.5)	0.61 (15.5)	0.67 (16.9)	3,4	10	D20230405
1/4	3/8	173 (43.9)	0.98 (24.8)	0.69 (17.6)	0.67 (16.9)	4,7	10	D20230406
5/16	3/8	174 (44.3)	0.98 (24.8)	0.69 (17.6)	0.69 (17.5)	4,6	10	D20230506

* Pack size (sealed bag quantity) = minimum order quantity

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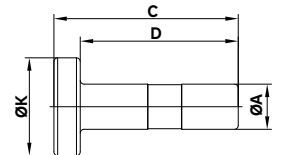
End stop (female plug) D200A



ø A	C	ØK	T	Weight (g)	Pack size *	Model
1/4	0.74 (18.9)	0.61 (15.5)	0.67 (16.9)	2,7	10	D200A0400
3/8	0.87 (22.2)	0.79 (20)	0.8 (20.2)	5	10	D200A0600

* Pack size (sealed bag quantity) = minimum order quantity

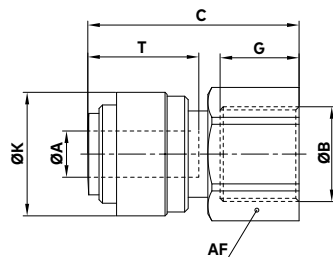
Plug D2004



ø A	C	D	ø K	Weight (g)	Pack size *	Model
1/4	0.96 (24.5)	0.83 (21)	0.51 (13)	1,2	10	D20040400
3/8	1.18 (30)	1.02 (26)	0.71 (18)	2,7	10	D20040600

* Pack size (sealed bag quantity) = minimum order quantity

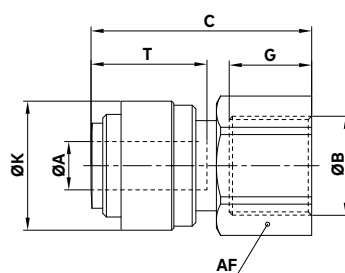
Female adaptor NPT D242C



ø A	B	C	G	ø K	AF	Pack size *	Model
1/4	1/8 NPT	1.22 (31,0)	0.53 (13,5)	0.59 (15,0)	3/4	10	D242C0418
1/4	1/4 NPT	1.22 (31,0)	0.41 (10,5)	0.59 (15,0)	3/4	10	D242C0428

* Pack size (sealed bag quantity) = minimum order quantity

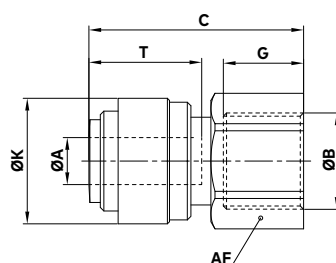
Female adaptor ISO G (flat type) D222C



ø A	B	C	G	ø K	ø K1	T	AF	Weight (g)	Pack size *	Model
1/4	G1/2	1.48 (37.6)	0.49 (12.5)	0.79 (20)	1.18 (30)	0.67 (16.9)	1.06 (27)	13,9	10	D222C0448
1/4	G3/4	1.35 (34.2)	0.28 (7)	0.61 (15.5)	1.64 (41.6)	0.67 (16.9)	1.44 (36.7)	36,3	5	D222C0468
3/8	G3/8	1.46 (37.1)	0.35 (9)	0.79 (20)	1.07 (27.3)	0.8 (20.2)	0.94 (24)	13,9	5	D222C0638
3/8	G1/2	1.51 (38.4)	0.49 (12.5)	0.79 (20)	1.18 (30)	0.8 (20.2)	1.06 (27)	13,4	5	D222C0648
3/8	G3/4	1.46 (37)	0.28 (7)	0.79 (20)	1.64 (41.6)	0.8 (20.2)	1.44 (36.7)	39,3	5	D222C0668

* Pack size (sealed bag quantity) = minimum order quantity

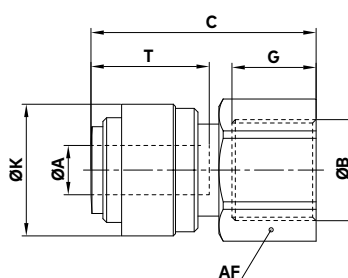
Female adaptor UNS (cone type) D242D ... W



ø A	B	C	G	ø K	ø K1	T	AF	Weight (g)	Pack size *	Model
1/4	7/16-24 UNS	1.07 (27.1)	0.26 (6.7)	0.69 (17.6)	0.75 (19)	0.67 (16.9)	0.67 (17)	6,1	10	D242D042W
5/16	7/16-24 UNS	1.08 (27.5)	0.26 (6.7)	0.69 (17.6)	0.75 (19)	0.69 (17.5)	0.67 (17)	6,1	10	D242D052W

* Pack size (sealed bag quantity) = minimum order quantity

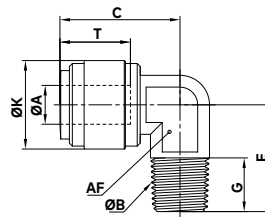
Female adaptor UNF (cone type) D242D ... Y



ø A	B	C	G	ø K	ø K1	T	AF	Weight (g)	Pack size *	Model
5/16	7/16-20 UNF	1.2 (30.5)	0.37 (9.5)	0.69 (17.6)	0.75 (19)	0.69 (17.5)	0.67 (17)	6,5	10	D242D052Y
3/8	7/16-20 UNF	1.31 (33.2)	0.37 (9.5)	0.79 (20)	0.75 (19)	0.8 (20.2)	0.67 (17)	7,5	10	D242D062Y

* Pack size (sealed bag quantity) = minimum order quantity

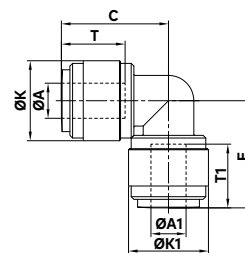
Ebaw adaptor NPT D2445



øA	B	C	E	G	øK	T	AF	Weight (g)	Pack size *	Model
3/16	1/8 NPT	0.81 (20.7)	0.74 (18.7)	0.36 (9.1)	0.61 (15.5)	0.59 (15)	0.43 (11)	4,7	10	D24450318
1/4	1/8 NPT	0.81 (20.7)	0.74 (18.7)	0.36 (9.1)	0.61 (15.5)	0.67 (16.9)	0.43 (11)	4,2	10	D24450418
1/4	1/4 NPT	0.8 (20.4)	0.95 (24.2)	0.52 (13.2)	0.61 (15.5)	0.67 (16.9)	0.43 (11)	5,7	10	D24450428
1/4	3/8 NPT	0.81 (20.6)	0.98 (25)	0.54 (13.8)	0.61 (15.5)	0.67 (16.9)	0.43 (11)	7,1	10	D24450438
5/16	1/4 NPT	0.98 (24.8)	0.99 (25.2)	0.52 (13.2)	0.79 (20)	0.69 (17.5)	0.56 (14.3)	9	10	D24450528
5/16	3/8 NPT	0.99 (25.2)	1.02 (25.8)	0.54 (13.8)	0.79 (20)	0.69 (17.5)	0.56 (14.3)	10,3	10	D24450538
3/8	1/4 NPT	0.99 (25.2)	0.99 (25.2)	0.52 (13.2)	0.79 (20)	0.8 (20.2)	0.56 (14.3)	8,6	10	D24450628
3/8	3/8 NPT	1 (25.5)	1.02 (25.8)	0.54 (13.8)	0.79 (20)	0.8 (20.2)	0.56 (14.3)	9,9	10	D24450638
1/2	3/8 NPT	1.24 (31.4)	1.08 (27.5)	0.54 (13.8)	0.93 (23.6)	0.99 (25.1)	0.69 (17.4)	13,3	5	D24450738
1/2	1/2 NPT	1.22 (31)	1.24 (31.5)	0.7 (17.8)	0.93 (23.6)	0.99 (25.1)	0.69 (17.4)	16,2	5	D24450748

* Pack size (sealed bag quantity) = minimum order quantity

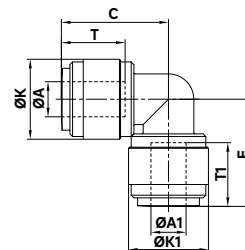
Union elbow D2040



øA	øA1	C	E	øK	T1	T2	Weight (g)	Pack size *	Model
1/4	1/4	0.83 (21.05)	0.83 (21.05)	0.61 (15.5)	0.67 (16.9)	0.61 (15.5)	5,5	10	D20400400
5/16	5/16	0.86 (21.9)	0.86 (21.9)	0.69 (17.6)	0.69 (17.5)	0.69 (17.6)	7,5	10	D20400500
3/8	3/8	1.02 (25.9)	1.02 (25.9)	0.79 (20)	0.8 (20.2)	0.79 (20)	10,6	10	D20400600
1/2	1/2	1.26 (31.9)	1.26 (31.9)	0.91 (23)	0.99 (25.1)	0.91 (23)	16,7	10	D20400700

* Pack size (sealed bag quantity) = minimum order quantity

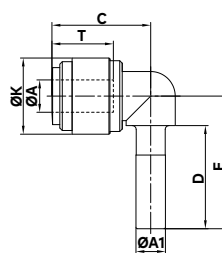
Union elbow (unequal) D2040



øA	øA1	C	E	øK	T1	T2	Weight (g)	Pack size *	Model
5/16	1/4	0.86 (21.9)	0.85 (21.5)	0.69 (17.6)	0.67 (16.9)	0.69 (17.6)	7,6	10	D20400504
3/8	1/4	1.04 (26.4)	0.97 (24.6)	0.69 (17.6)	0.67 (16.9)	0.91 (23)	12,9	5	D20400604
1/2	3/8	1.26 (31.9)	1.22 (31.1)	0.91 (23)	0.8 (20.2)	0.91 (23)	17,5	5	D20400706

* Pack size (sealed bag quantity) = minimum order quantity

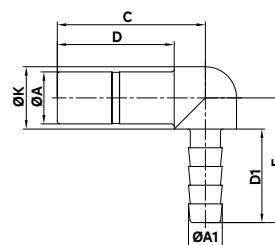
Stem elbow D2043



ø A	ø A1	C	D	E	ø K	T	Weight (g)	Pack size *	Model
1/4	1/4	0.99 (25.1)	0.83 (21)	1.37 (34.8)	0.61 (15.5)	0.67 (16.9)	3,7	10	D20430400
1/4	3/8	0.99 (25.1)	0.98 (24.8)	1.52 (38.6)	0.61 (15.5)	0.67 (16.9)	4,5	10	D20430406
5/16	1/4	1.01 (25.7)	0.83 (21)	1.45 (36.8)	0.69 (17.6)	0.69 (17.5)	4,5	5	D20430504
5/16	5/16	1.09 (27.7)	0.89 (22.5)	1.51 (38.3)	0.69 (17.6)	0.69 (17.5)	5,4	10	D20430500
5/16	3/8	1.22 (31)	0.98 (24.8)	1.7 (43.2)	0.79 (20)	0.69 (17.5)	8,1	10	D20430506
3/8	3/8	1.24 (31.4)	0.98 (24.8)	1.7 (43.2)	0.79 (20)	0.8 (20.2)	7,9	10	D20430600
1/2	1/2	1.54 (39.2)	1.16 (29.5)	2.02 (51.2)	0.93 (23.6)	0.99 (25.1)	12,7	10	D20430700

* Pack size (sealed bag quantity) = minimum order quantity

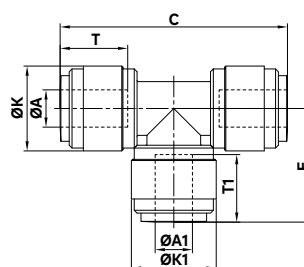
Stem elbow tail piece D204A



ø A	ø A1	C	D	E	K	L	Weight (g)	Pack size *	Model
3/8	10	1.02 (26)	0.89 (22.5)	1.12 (28.5)	0.47 (12)	0.79 (20)	3,3	10	D204A0606

* Pack size (sealed bag quantity) = minimum order quantity

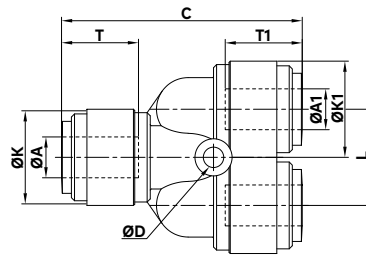
Union tee D2060



ø A	ø A1	T1	T2	C	E	ø K	ø K1	Weight (g)	Pack size *	Model
1/4	1/4	0.67 (16.9)	0.67 (16.9)	1.65 (42)	1.13 (28.8)	0.61 (15.5)	0.61 (15.5)	8,1	10	D20600400
5/16	5/16	0.69 (17.5)	0.69 (17.5)	1.72 (43.8)	1.21 (30.7)	0.69 (17.6)	0.69 (17.6)	10,6	10	D20600500
3/8	3/8	0.8 (20.2)	0.8 (20.2)	2.04 (51.8)	1.41 (35.9)	0.79 (20)	0.79 (20)	15,4	5	D20600600
1/2	1/2	0.99 (25.1)	0.99 (25.1)	2.51 (63.8)	1.71 (43.4)	0.91 (23)	0.91 (23)	23,2	5	D20600700

* Pack size (sealed bag quantity) = minimum order quantity

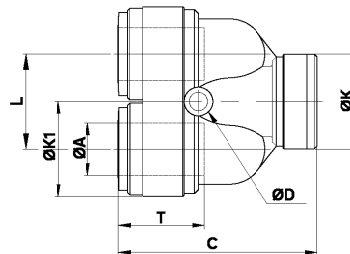
Union Y D2082



ø A	ø A1	C	ø D	ø K	ø K1	L	T1	T2	Weight (g)	Pack size *	Model
1/4	1/4	153 (38.8)	0.13 (3.3)	0.61 (15.5)	0.61 (15.5)	0.61 (15.5)	0.67 (16.9)	0.67 (16.9)	8,8	10	D20820400
5/16	5/16	161 (41)	0.18 (4.5)	0.69 (17.6)	0.69 (17.6)	0.69 (17.6)	0.69 (17.5)	0.69 (17.5)	11,8	10	D20820500
3/8	3/8	183 (46.4)	0.18 (4.5)	0.79 (20)	0.79 (20)	0.79 (20)	0.8 (20.2)	0.8 (20.2)	16,7	5	D20820600
1/2	1/2	224 (56.8)	0.18 (4.5)	0.91 (23)	0.91 (23)	0.91 (23)	0.99 (25.1)	0.99 (25.1)	25,1	5	D20820700

* Pack size (sealed bag quantity) = minimum order quantity

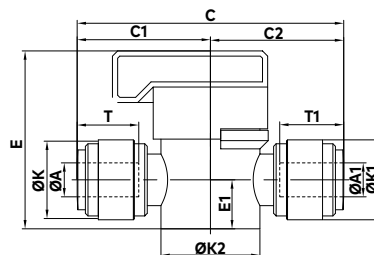
U bend D2089



ø A	C	ø D	ø K	ø K1	L	T	Weight (g)	Pack size *	Model
3/8	165 (41.9)	0.18 (4.5)	0.79 (20)	0.79 (20)	0.79 (20)	0.8 (20.2)	16,7	5	D20890600
1/2	19 (48.3)	0.18 (4.5)	0.91 (23)	0.91 (23)	0.91 (23)	0.99 (25.1)	23,9	5	D20890700

* Pack size (sealed bag quantity) = minimum order quantity

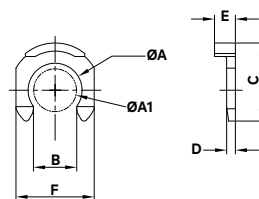
hand valve 2/2 shut-off tube/tube D20GR



ø A	ø A1	C	C1	E	E1	E2	ø K	ø K1	ø K2	T	T1	Weight (g)	Pack size *	Model
1/4	1/4	2.04 (51.7)	1.02 (25.9)	1.36 (34.5)	0.37 (9.5)	0.75 (19)	0.61 (15.5)	0.61 (15.5)	0.76 (19.2)	0.63 (16.1)	0.63 (16.1)	16	5	D20GR0400
3/8	3/8	2.49 (63.2)	1.24 (31.6)	1.67 (42.3)	0.49 (12.5)	1.04 (26.3)	0.79 (20)	0.79 (20)	0.95 (24.2)	0.8 (20.2)	0.8 (20.2)	29	5	D20GR0600
1/2	1/2	2.79 (70.8)	1.39 (35.4)	1.67 (42.3)	0.49 (12.5)	1.04 (26.3)	0.91 (23)	0.91 (23)	0.95 (24.2)	0.94 (23.9)	0.94 (23.9)	35,4	5	D20GR0700

* Pack size (sealed bag quantity) = minimum order quantity

Locking clip D2LC

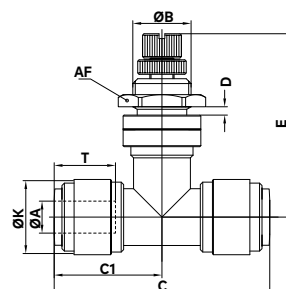


ø A	ø A1	B	C	D	E	F	Weight (g)	Pack size *	Model
1/4	0.31 (8)	0.25 (6.4)	0.46 (11.6)	0.05 (1.3)	0.12 (3.1)	0.46 (11.6)	0,12	100	D2LC0400
5/16	0.38 (9.6)	0.29 (7.3)	0.55 (13.9)	0.06 (1.4)	0.13 (3.3)	0.53 (13.5)	0,16	100	D2LC0500
3/8	0.46 (11.8)	0.36 (9.2)	0.65 (16.4)	0.06 (1.4)	0.13 (3.4)	0.63 (16)	0,23	100	D2LC0600
1/2	0.57 (14.4)	0.44 (11.1)	0.75 (19)	0.06 (1.4)	0.14 (3.6)	0.75 (19)	0,3	100	D2LC0700

* Pack size (sealed bag quantity) = minimum order quantity

Note: MOCA registration pending - please consult Norgren Technical Department for further details

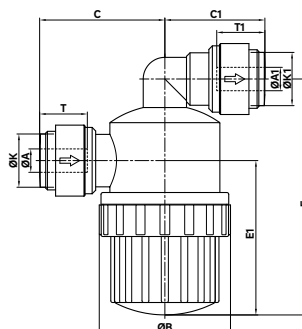
Inline flow control with bulkhead D20GP



ø A	B	D	E (Min)	E (Max)	ø K	L	L1	T	AF	Weight (g)	Pack size *	Model
1/4	M12x1.0	0.19 (5)	1.79 (45.5)	1.98 (50.4)	0.61 (15.5)	1.75 (44.4)	0.87 (22.2)	0.67 (16.9)	0.63 (16)	28,9	10	D20GP0400

* Pack size (sealed bag quantity) = minimum order quantity

Filter stainer D20G1



ø A	ø A1	ø B	E1	E2	ø K	ø K1	L1	L2	T	T1	Weight (g)	Pack size *	Model
3/8	3/8	1.46 (37)	1.41 (35.7)	1.13 (28.6)	0.79 (20)	0.79 (20)	1.71 (43.5)	2.62 (66.5)	0.8 (20.2)	0.8 (20.2)	40,7	20	D20G10600

* Pack size (sealed bag quantity) = minimum order quantity

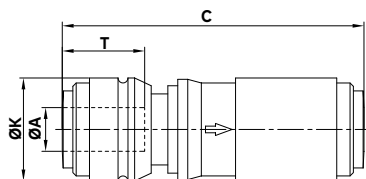
Note: Filter/stainer includes a stainless steel mesh to filter out impurities.

Working pressures and temperature:

77°F ... 145 psi

149°F ... 101 psi

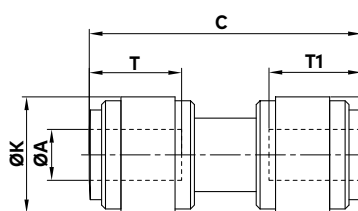
Check valve D20GL



ø A	C	ø K	T	Weight (g)	Pack size *	Model
1/4	1.79 (45.5)	0.61 (15.5)	0.63 (16.1)	7,4	10	D20GL0400
5/16	1.91 (48.6)	0.69 (17.6)	0.69 (17.5)	10	10	D20GL0500
3/8	2.28 (57.8)	0.79 (20)	0.77 (19.5)	15	5	D20GL0600

* Pack size (sealed bag quantity) = minimum order quantity

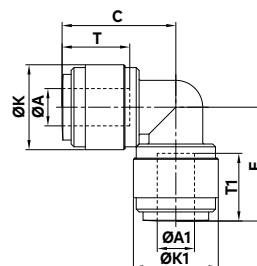
Straight union polymer to steel tube D2020....HS



ø A	ø A1	C	ØK	ØK1	T	T2	Weight (g)	Pack size *	Model
5/16	5/16	1.69 (42.9)	0.79 (20)	0.76 (19.3)	0.69 (17.5)	0.83 (21.1)	9,8	10	D20200500HS
3/8	5/16	1.7 (43.3)	0.79 (20)	0.76 (19.3)	0.8 (20.2)	0.83 (21.1)	9,5	10	D20200506HS

* Pack size (sealed bag quantity) = minimum order quantity

Elbow union polymer to steel tube D2040....HS



ø A	ø A1	C	E	ØK	ØK1	T	T2	Weight (g)	Pack size *	Model
5/16	1/4	1.38 (35.1)	1.39 (35.3)	0.79 (20)	0.76 (19.3)	0.69 (17.5)	0.78 (19.7)	11,2	10	D20400405HS
3/8	1/4	1.4 (35.5)	1.39 (35.3)	0.79 (20)	0.76 (19.3)	0.8 (20.2)	0.78 (19.7)	11	10	D20400406HS
5/16	5/16	1.38 (35.1)	1.41 (35.8)	0.79 (20)	0.76 (19.3)	0.69 (17.5)	0.83 (21.1)	10,8	10	D20400500HS
3/8	5/16	1.4 (35.5)	1.41 (35.8)	0.79 (20)	0.76 (19.3)	0.8 (20.2)	0.83 (21.1)	10,6	10	D20400506HS

* Pack size (sealed bag quantity) = minimum order quantity

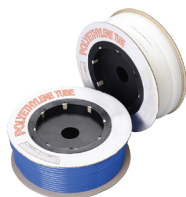
Note: Polymer to steel tube fittings have two O rings for more effective sealing. A nut and holder provided for increased gripping of the metallic tubing

Swivel elbow and tee adaptors

Note: Swivel elbow and tee adaptors can be produced by putting together a straight stem adaptor and a union elbow or tee



Linear Low Density Polyethylene (LLDPE) tube PE2-



Colour	O/D Tube x Length			
	1/4" x 100 m L	5/16" x 100 m L	3/8" x 100 m L	1/2" x 100 m L
Natural	PE2-0054100	PE2-0055100	PE2-0056100	PE2-0057100
Blue	PE2-0554100	PE2-0555100	PE2-0556100	PE2-0557100
Black	PE2-0754100	PE2-0755100	PE2-0756100	PE2-0757100
White	PE2-0954100	PE2-0955100	PE2-0956100	PE2-0957100
Red	PE2-0154100	PE2-0155100	PE2-0156100	PE2-0157100

Material: Linear Low Density Polyethylene (LLDPE), FDA compliant and non-contaminating
Tube tolerance: +0.1mm/-0.1mm
Temperature range: -20°F (-29°C) to +150°F (+66°C)
Applications: Water purification, water conditioners, ice makers, misting systems and food contact applications

Note: NSF 61 registration pending - please consult Norgren Technical Department for further details

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **»Technical features/data«**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren. Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.