

# Fluidfit™ Push-to-Connect Fittings

## Fluidfit

Fluidfit Products are intended for contact with water or food & beverage equipment.



### HPC 1/4 - N01

Model	Tubing Size		Thread	
	5/32	5/32" (0.1562")	N01	1/8" NPT
3/16	3/16" (0.1875")	N02	1/4" NPT	
1/4	1/4" (0.2500")	N03	3/8" NPT	
5/16	5/16" (0.3125")	N04	1/2" NPT	
3/8	3/8" (0.3750")	R01	1/8" BSPT (R)	
1/2	1/2" (0.5000")	R02	1/4" BSPT (R)	
04	4mm	R03	3/8" BSPT (R)	
06	6mm	R04	1/2" BSPT (R)	
08	8mm			
10	10mm			
12	12mm			

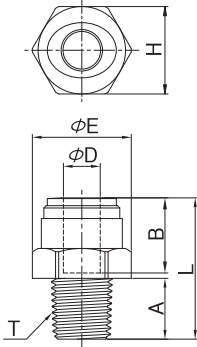
Specifications	
Working Pressure @ 77°F	232 psi
Working Pressure @ 158°F	145 psi
Temperature Range	32°F to 158°F
Resin Body Material	POM
O-Ring	EPDM Rubber
Release Ring	POM & STS301
Media	Compressed Air/ Inert Gases/ Water/ Fluids
Max Install Torque 1/8 NPT	1.1 lb/ft
Max Install Torque 1/4-1/2 NPT	2.2 lb/ft

Certifications
NSF 51® Certified
Meets NSF 61® Requirements



# Fluidfit™ Push-to-Connect Fittings

## Fluidfit™: Threaded Straight Fittings



### Hex Male Straight – HPC

Hex Male Straight Fittings featuring a hex outer shape, allowing for simplified installation.

#### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HPC5/32-N01	5/32"	1/8" Male NPT	10	Yes	5/8"	0.87" (22.2mm)	0.11oz (3.20g)	Natural
HPC5/32-N02		1/4" Male NPT				0.92" (25.3mm)	0.15oz (4.30g)	
HPC3/16-N01	3/16"	1/8" Male NPT	10	Yes	5/8"	0.88" (22.4mm)	0.10oz (3.10g)	Natural
HPC3/16-N02		1/4" Male NPT				1.00" (25.5mm)	0.14oz (4.20g)	
HPC1/4-N01	1/4"	1/8" Male NPT	10	Yes	5/8"	1.06" (27.0mm)	0.13oz (3.90g)	Natural
HPC1/4-N02		1/4" Male NPT				1.06" (27.0mm)	0.15oz (4.30g)	
HPC1/4-N03		3/8" Male NPT	5		3/4"	1.02" (26.1mm)	0.21oz (6.10g)	
HPC5/16-N01	5/16"	1/8" Male NPT	10	Yes	3/4"	1.11" (28.4mm)	0.19oz (5.60g)	Natural
HPC5/16-N02		1/4" Male NPT	5			1.09" (27.9mm)	0.18oz (5.20g)	
HPC5/16-N03		3/8" Male NPT				1.04" (26.5mm)	0.21oz (6.00g)	
HPC5/16-N04		1/2" Male NPT	7/8"			1.31" (33.5mm)	0.40oz (11.5g)	
HPC3/8-N01	3/8"	1/8" Male NPT	5	Yes	13/16"	1.19" (30.4mm)	0.23oz (6.70g)	Natural
HPC3/8-N02		1/4" Male NPT				1.35" (34.3mm)	0.27oz (7.90g)	
HPC3/8-N03		3/8" Male NPT				1.17" (29.9mm)	0.26oz (7.50g)	
HPC3/8-N04		1/2" Male NPT			7/8"	1.33" (33.9mm)	0.38oz (11.0g)	
HPC1/2-N03	1/2"	3/8" Male NPT	5	Yes	31/32"	1.51" (38.4mm)	0.41oz (11.7g)	Natural
HPC1/2-N04		1/2" Male NPT				1.49" (37.9mm)	0.44oz (12.7g)	

#### Metric Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HPC04R01	4mm	1/8" Male BSPT (R)	10	No	17mm	1.02" (26.0mm)	0.14oz (4.10g)	Black
HPC06R01	6mm	1/8" Male BSPT (R)	10	No	17mm	1.03" (26.2mm)	0.13oz (3.90g)	Black
HPC06R02		1/4" Male BSPT (R)				1.05" (26.7mm)	0.14oz (4.20g)	
HPC06R03	6mm	3/8" Male BSPT (R)	5	No	19mm	1.04" (26.6mm)	0.20oz (5.90g)	Black
HPC08R01	8mm	1/8" Male BSPT (R)	10	No	19mm	1.10" (28.1mm)	0.18oz (5.20g)	Black
HPC08R02	8mm	1/4" Male BSPT (R)	5	No	19mm	1.20" (30.6mm)	0.20oz (5.80g)	Black
HPC08R03		3/8" Male BSPT (R)				1.06" (27.0mm)	0.20oz (5.70g)	
HPC10R03	10mm	3/8" Male BSPT (R)	5	No	21mm	1.13" (28.8mm)	0.23oz (6.70g)	Black
HPC10R04		1/2" Male BSPT (R)			22mm	1.26" (32.1mm)	0.33oz (9.60g)	
HPC12R03	12mm	3/8" Male BSPT (R)	5	No	24mm	1.26" (32.2mm)	0.31oz (8.90g)	Black
HPC12R04		1/2" Male BSPT (R)				1.35" (34.3mm)	0.38oz (11.0g)	



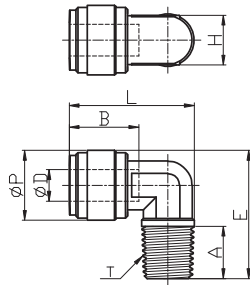
# Fluidfit™ Push-to-Connect Fittings

## Fluidfit™: Threaded Elbow Fittings



### Rigid Male Elbow – HPL

Rigid Male Elbows feature a male thread arranged 90° from a push-to-connect port.



#### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HPL5/32-N01	5/32"	1/8" Male NPT	10	Yes	7/16"	1.00" (25.4mm)	0.17oz (4.90g)	Natural
HPL3/16-N01	3/16"	1/8" Male NPT	10	Yes	7/16"	1.00" (25.6mm)	0.16oz (4.70g)	Natural
HPL1/4-N01	1/4"	1/8" Male NPT	10	Yes	7/16"	1.00" (25.6mm)	0.14oz (4.20g)	Natural
HPL1/4-N02		1/4" Male NPT	5			1.06" (27.0mm)	0.20oz (5.70g)	
HPL1/4-N03		3/8" Male NPT	5			1.13" (28.9mm)	0.25oz (7.10g)	
HPL5/16-N02	5/16"	1/4" Male NPT	5	Yes	9/16"	1.23" (31.4mm)	0.31oz (9.00g)	Natural
HPL5/16-N03		3/8" Male NPT				1.31" (33.5mm)	0.36oz (10.3g)	
HPL3/8-N02	3/8"	1/4" Male NPT	5	Yes	9/16"	1.25" (31.8mm)	0.30oz (8.60g)	Natural
HPL3/8-N03		3/8" Male NPT				1.33" (33.9mm)	0.34oz (9.90g)	
HPL1/2-N03	1/2"	3/8" Male NPT	3	Yes	11/16"	1.56" (39.7mm)	0.46oz (13.3g)	Natural
HPL1/2-N04		1/2" Male NPT				1.63" (41.5mm)	0.57oz (16.2g)	
HPC3/8-N01	3/8"	1/8" Male NPT	5	Yes	13/16"	1.19" (30.4mm)	0.23oz (6.70g)	Natural
HPC3/8-N02		1/4" Male NPT				1.35" (34.3mm)	0.27oz (7.90g)	
HPC3/8-N03		3/8" Male NPT				1.17" (29.9mm)	0.26oz (7.50g)	
HPC3/8-N04		1/2" Male NPT			7/8"	1.33" (33.9mm)	0.38oz (11.0g)	
HPC1/2-N03	1/2"	3/8" Male NPT	5	Yes	31/32"	1.51" (38.4mm)	0.41oz (11.7g)	Natural
HPC1/2-N04		1/2" Male NPT				1.49" (37.9mm)	0.44oz (12.7g)	



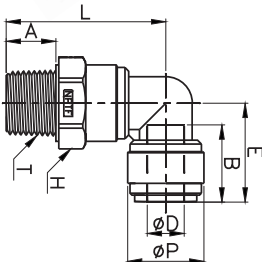
#### Metric Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HPL04R01	4mm	1/8" Male BSPT (R)	10	No	10mm	0.99" (25.2mm)	0.14oz (4.20g)	Black
HPL06R01	6mm	1/8" Male BSPT (R)	10	No	10mm	1.00" (25.4mm)	0.14oz (4.10g)	Black
HPL06R02		1/4" Male BSPT (R)	5			1.06" (27.0mm)	0.17oz (5.10g)	
HPL08R02	8mm	1/4" Male BSPT (R)	5	No	13mm	1.24" (31.5mm)	0.24oz (7.00g)	Black
HPL10R03	10mm	3/8" Male BSPT (R)	5	No	14mm	1.33" (33.9mm)	0.32oz (9.20g)	Black
HPL12R04	12mm	1/2" Male BSPT (R)	3	No	17mm	1.60" (40.7mm)	0.5oz (15.6g)	Black



### Swivel Male Elbow – HRPL

Swivel Male Elbows feature a swivel male thread arranged 90° from a push-to-connect port.



#### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HRPL3/8-N03	3/8"	3/8" Male NPT	N/A	No	21.4mm	1.64" (41.8mm)	0.57oz (16.2g)	Natural



# Fluidfit™ Push-to-Connect Fittings



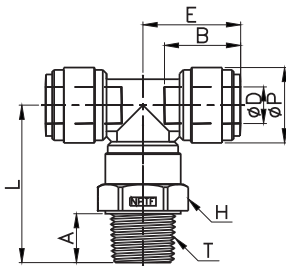
## Fluidfit™: Tee Fittings

### Male Swivel Branch Tee - HRPT

Male Swivel Branch Tees feature opposing push-to-connect ports arranged 90° from a single male swivel thread.

#### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HRPT3/8-N03	3/8"	3/8" Male NPT	N/A	No	21.4mm	1.64" (41.8mm)	0.73oz (20.8g)	Natural

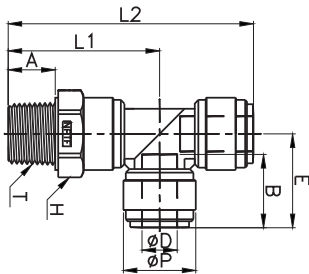


### Male Swivel Run Tee - HRST

Male Swivel Run Tees feature a push-to-connect port opposed to a male swivel, both arranged 90° from a push-to-connect port.

#### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HRST3/8-N03	3/8"	3/8" Male NPT	N/A	No	21.4mm	1.64" (41.8mm)	0.71oz (20.4g)	Natural



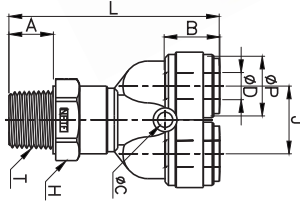
# Fluidfit™ Push-to-Connect Fittings

## Fluidfit™: Y Fittings



### Male Swivel Y - HRWT

Male Y Fittings feature parallel push-to-connect ports opposed to a single male swivel thread.



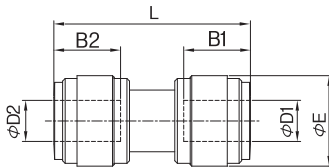
#### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HRWT3/8-N03	3/8"	3/8" Male NPT	N/A	No	21.4mm	2.45" (62.3mm)	0.83oz (23.8g)	Natural

## Fluidfit™: Union Fittings

### Union Straight (Reducers Included) - HUC

Union Straight Fittings feature two opposing push-to-connect ports.



#### Fractional Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUC5/32-5/32	5/32"	5/32"	10	Yes	0.51" (13.2mm)	1.25" (31.8mm)	0.13oz (3.80g)	Natural
HUC3/16-3/16	3/16"	3/16"	10	Yes	0.54" (13.8mm)	1.27" (32.5mm)	0.14oz (4.00g)	Natural
HUC1/4-1/4	1/4"	1/4"	10	Yes	0.61" (15.5mm)	1.42" (36.2mm)	0.18oz (5.20g)	Natural
HUC5/16-5/32	5/16"	5/32"	5	No	0.69" (17.6mm)	1.44" (36.6mm)	0.22oz (6.50g)	Natural
HUC5/16-1/4	5/16"	1/4"		Yes	0.69" (17.6mm)			
HUC5/16-5/16	5/16"	5/16"	5	Yes	0.69" (17.6mm)	1.50" (38.2mm)	0.24oz (6.90g)	
HUC3/8-1/4	3/8"	1/4"	5	No	0.78" (20.0mm)	1.65" (42.1mm)	0.34oz (9.90g)	Natural
HUC3/8-5/16		5/16"		Yes	0.78" (20.0mm)	1.67" (42.5mm)		
HUC3/8-3/8		3/8"		Yes	0.78" (20.0mm)	1.68" (42.9mm)		
HUC1/2-5/16	1/2"	5/16"	5	No	0.92" (23.6mm)	2.04" (52.0mm)	0.58oz (16.7g)	Natural
HUC1/2-3/8		3/8"		Yes	0.92" (23.6mm)	2.06" (52.4mm)	0.57oz (16.3g)	
HUC1/2-1/2		1/2"		Yes	0.92" (23.6mm)	2.09" (53.2mm)	0.51oz (14.6g)	

#### Metric Tube Sizes

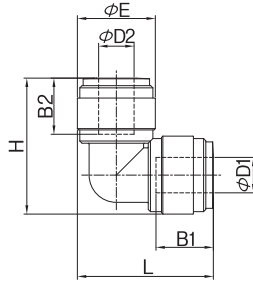
Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUC0404	4mm	4mm	10	No	0.51" (13.2mm)	1.25" (31.8mm)	0.13oz (3.80g)	Black
HUC0604	6mm	4mm		No	0.59" (15.0mm)	1.37" (35.0mm)	0.17oz (5.00g)	Black
HUC0606		6mm		No	0.59" (15.0mm)	1.38" (35.2mm)	0.16oz (4.70g)	
HUC0806	8mm	6mm	5	No	0.69" (17.6mm)	1.48" (37.8mm)	0.25oz (7.10g)	Black
HUC0808		8mm		No		1.50" (38.2mm)	0.24oz (6.90g)	
HUC1008	10mm	8mm	5	No	0.78" (20.0mm)	1.66" (42.4mm)	0.33oz (9.60g)	Black
HUC1010		10mm		No		1.68" (42.7mm)	0.32oz (9.20g)	
HUC1210	12mm	10mm	3	No	0.90" (23.0mm)	2.03" (51.7mm)	0.52oz (15.0g)	Black
HUC1212		12mm		No		2.06" (52.4mm)	0.50oz (14.4g)	



# Fluidfit™ Push-to-Connect Fittings

## Union Elbows (Reducers Included) - HUL

Union Elbow Fittings feature two push-to-connect ports arranged at 90°.



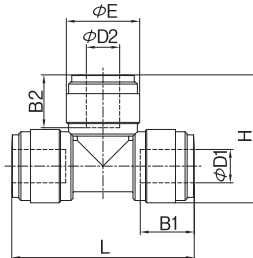
### Fractional Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUL5/32-5/32	5/32"	5/32"	10	Yes	0.51" (13.2mm)	0.96" (24.5mm)	0.14oz (4.00g)	Natural
HUL3/16-3/16	3/16"	3/16"	10	Yes	0.54" (13.8mm)	1.00" (25.5mm)	0.15oz (4.30g)	Natural
HUL1/4-1/4	1/4"	1/4"	10	Yes	0.61" (15.5mm)	1.13" (28.8mm)	0.19oz (5.50g)	Natural
HUL5/16-5/32	5/16"	5/32"	5	Yes	0.51" (13.2mm)	1.11" (28.3mm)	0.20oz (5.90g)	Natural
HUL5/16-1/4		1/4"			0.69" (17.6mm)	1.20" (30.7mm)	0.26oz (7.60g)	
HUL5/16-5/16		5/16"						
HUL3/8-1/4	3/8"	1/4"	5	Yes	0.78" (20.0mm)	1.41" (35.9mm)	0.39oz (11.1g)	Natural
HUL3/8-5/16		5/16"					0.37oz (10.6g)	
HUL3/8-3/8		3/8"						
HUL1/2-3/8	1/2"	3/8"	3	Yes	0.90" (23.0mm)	1.70" (43.4mm)	0.61oz (17.5g)	Natural
HUL1/2-1/2		1/2"					0.58oz (16.7g)	



### Metric Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUL0404	4mm	4mm	10	No	0.51" (13.2mm)	0.96" (24.5mm)	0.13oz (3.90g)	Black
HUL0606	6mm	6mm	10	No	0.59" (15.0mm)	1.08" (27.6mm)	0.17oz (5.10g)	Black
HUL0806	8mm	6mm	5	No	0.69" (17.6mm)	1.19" (30.3mm)	0.27oz (7.70g)	Black
HUL0808		8mm			0.69" (17.6mm)	1.20" (30.7mm)	0.26oz (7.60g)	
HUL1010	10mm	10mm	5	No	0.78" (20.0mm)	1.41" (35.8mm)	0.35oz (10.2g)	Black
HUL1212	12mm	12mm	3	No	0.90" (23.0mm)	1.70" (43.2mm)	0.57oz (16.4g)	Black



## Union Tee (Reducers Included) – HUT

Union Tee Fittings provide two opposing push-to-connect ports, with a third port arranged 90° apart.

### Fractional Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUT5/32-5/32	5/32"	5/32"	10	Yes	0.96" (24.5mm)	1.40" (35.8mm)	0.20oz (5.70g)	Natural
HUT3/16-3/16	3/16"	3/16"	10	Yes	1.00" (25.5mm)	1.46" (37.2mm)	0.21oz (6.20g)	Natural
HUT1/4-1/4	1/4"	1/4"	5	Yes	1.13" (28.8mm)	1.65" (42.0mm)	0.28oz (8.10g)	Natural
HUT5/16-5/16	5/16"	5/16"	5	Yes	1.20" (30.7mm)	1.72" (43.8mm)	0.37oz (10.6g)	Natural
HUT3/8-1/4-3/8	3/8"	1/4"	3	Yes	1.26" (32.1mm)	1.92" (48.8mm)	0.43oz (12.2g)	Natural
HUT3/8-3/8		3/8"			1.41" (35.9mm)	2.03" (51.8mm)	0.54oz (15.4g)	
HUT1/2-1/2	1/2"	1/2"	3	Yes	1.70" (43.4mm)	2.51" (63.8mm)	0.81oz (23.2g)	Natural

### Metric Tube Sizes

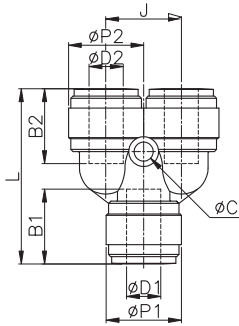
Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUT0404	4mm	4mm	10	No	0.96" (24.5mm)	1.40" (35.8mm)	0.20oz (5.80g)	Black
HUT0606	6mm	6mm	5	No	1.08" (27.6mm)	1.58" (40.2mm)	0.25oz (7.30g)	Black
HUT0808	8mm	8mm	5	No	1.20" (30.7mm)	1.72" (43.8mm)	0.37oz (10.6g)	Black
HUT1010	10mm	10mm	3	No	1.40" (35.8mm)	2.03" (51.6mm)	0.51oz (14.6g)	Black
HUT1212	12mm	12mm	2	No	1.70" (43.2mm)	2.49" (63.4mm)	0.81oz (23.2g)	Black



# Fluidfit™ Push-to-Connect Fittings

## Equal Union Y (Reducers Included) – HUY

Equal Union Y Fittings provide two parallel push-to-connect ports, with a third opposing port.



### Fractional Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUY5/32-5/32	5/32"	5/32"	10	Yes	1.08" (27.6mm)	1.32" (33.7mm)	0.23oz (6.70g)	Natural
HUY3/16-3/16	3/16"	3/16"	5	Yes	1.08" (27.6mm)	1.34" (34.1mm)	0.23oz (6.80g)	Natural
HUY1/4-1/4	1/4"	1/4"	5	Yes	1.22" (31.0mm)	1.52" (38.8mm)	0.31oz (8.80g)	Natural
HUY5/16-5/16	5/16"	5/16"	5	Yes	1.38" (35.2mm)	1.61" (41.0mm)	0.41oz (11.8g)	Natural
HUY3/8-3/8	3/8"	3/8"	3	Yes	1.57" (40.0mm)	1.82" (46.4mm)	0.58oz (16.7g)	Natural
HUY1/2-1/2	1/2"	1/2"	2	Yes	1.81" (46.0mm)	2.23" (56.8mm)	0.88oz (25.1g)	Natural

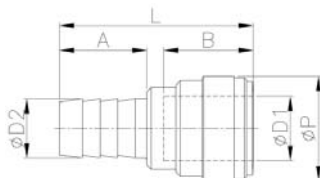
### Metric Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HUY0404	4mm	4mm	10	No	1.08" (27.6mm)	1.32" (33.7mm)	0.23oz (6.70g)	Black
HUY0606	6mm	6mm	5	No	1.22" (31.0mm)	1.52" (38.8mm)	0.32oz (9.20g)	Black
HUY0808	8mm	8mm	5	No	1.38" (35.2mm)	1.61" (41.0mm)	0.40oz (11.6g)	Black
HUY1008	10mm	8mm	3	No	1.57" (40.0mm)	1.80" (45.9mm)	0.59oz (16.8g)	Black
HUY1010	10mm	10mm	3	No	1.57" (40.0mm)	1.81" (46.2mm)	0.56oz (16.0g)	Black
HUY1212	12mm	12mm	2	No	1.81" (46.0mm)	2.22" (56.4mm)	0.92oz (26.3g)	Black

## Fluidfit™: Barb Fittings

### Barb Adapter – HCBB

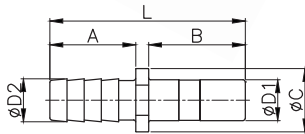
Barb Adapters feature a hose barb opposing a push to connect port.



### Metric Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HCBB1210	12mm	10mm	N/A	No	0.90" (23.0mm)	1.84" (46.9mm)	0.29oz (8.50g)	Black
HCBB15-1/2	15mm	1/2"	N/A	No	1.10" (28.0mm)	2.13" (54.2mm)	0.49oz (14.0g)	Black
HCBB22-1/2	22mm	1/2"	N/A	No	1.40" (35.7mm)	2.31" (58.8mm)	0.77oz (22.1g)	Black
HCBB22-3/4		3/4"				2.61" (66.5mm)	0.90oz (25.7g)	

# Fluidfit™ Push-to-Connect Fittings

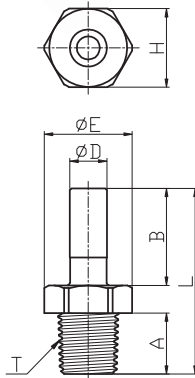


## Barb Mender – HCJB

Barb Menders feature opposing hose barbs, allowing the connection of two sections of hose or tubing.

### Metric Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HCJB1/4-1/4	1/4"	1/4"	N/A	No	0.46" (11.8mm)	1.53" (39.0mm)	0.04oz (1.20g)	Black
HCJB5/16-5/16	5/16"	5/16"	N/A	No	0.48" (12.2mm)	1.57" (40.0mm)	0.07oz (2.10g)	Black
HCJB3/8-3/8	3/8"	3/8"	N/A	No	0.57" (14.7mm)	1.79" (45.5mm)	0.08oz (2.50g)	Black



## Fluidfit™: Plug-In Fittings

### Straight Plug-In Stem Adapter - HCJ

Straight Plug-In Stem Adapters feature a push-to-connect stem opposing a male thread.

### Fractional Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color
HCJ5/32-N01	5/32"	1/8" Male NPT	10	Yes	1/2"	1.30" (33.1mm)	0.06oz (1.90g)	Natural
HCJ5/32-N02		1/4" Male NPT			5/8"	1.46" (37.2mm)	0.12oz (3.60g)	
HCJ3/16-N01	3/16"	1/8" Male NPT	10	Yes	1/2"	1.30" (33.1mm)	0.07oz (2.00g)	Natural
HCJ1/4-N01	1/4"	1/8" Male NPT	10	Yes	1/2"	1.34" (34.1mm)	0.07oz (2.10g)	Natural
HCJ1/4-N02		1/4" Male NPT			5/8"	1.50" (38.2mm)	0.13oz (3.80g)	
HCJ5/16-N01	5/16"	1/8" Male NPT	10	Yes	1/2"	1.38" (35.1mm)	0.09oz (2.80g)	Natural
HCJ5/16-N02		1/4" Male NPT			5/8"	1.54" (39.2mm)	0.13oz (3.90g)	
HCJ5/16-N03		3/8" Male NPT			3/4"	1.58" (40.3mm)	0.20oz (5.90g)	
HCJ3/8-N02	3/8"	1/4" Male NPT	5	Yes	5/8"	1.66" (42.2mm)	0.15oz (4.50g)	Natural
HCJ3/8-N03		3/8" Male NPT			3/4"	1.70" (43.3mm)	0.22oz (6.50g)	
HCJ1/2-N03	1/2"	3/8" Male NPT	5	Yes	3/4"	1.86" (47.3mm)	0.24oz (6.90g)	Natural
HCJ1/2-N04		1/2" Male NPT			15/16"	2.01" (51.3mm)	0.40oz (11.4g)	

### Metric Tube Sizes

Model	Tube OD	Thread	Package Qty.	Stock	Hex	Length	Weight	Color	
HCJ04R01	4mm	1/8" Male BSPT (R)	10	No	13mm	1.30" (33.1mm)	0.06oz (1.80g)	Black	
HCJ04R02		1/4" Male BSPT (R)			17mm	1.46" (37.1mm)	0.12oz (3.50g)		
HCJ06R01	6mm	1/8" Male BSPT (R)	10	No	13mm	1.36" (34.6mm)	0.07oz (2.20g)	Black	
HCJ06R02		1/4" Male BSPT (R)			17mm	1.51" (38.6mm)	0.13oz (3.70g)		
HCJ08R01	8mm	1/8" Male BSPT (R)	10	No	13mm	1.42" (36.1mm)	0.07oz (2.20g)	Black	
HCJ08R02		1/4" Male BSPT (R)			5	17mm	1.57" (40.1mm)		0.13oz (3.80g)
HCJ08R03		3/8" Male BSPT (R)				21mm	1.59" (40.5mm)		0.18oz (5.30g)
HCJ10R02	10mm	1/4" Male BSPT (R)	5	No	17mm	1.69" (43.1mm)	0.15oz (4.50g)	Black	
HCJ10R03		3/8" Male BSPT (R)			21mm	1.73" (44.0mm)	0.21oz (6.10g)		
HCJ10R04		1/2" Male BSPT (R)			3	24mm	1.85" (47.0mm)		0.34oz (9.70g)
HCJ12R03	12mm	3/8" Male BSPT (R)	5	No	21mm	1.88" (48.0mm)	0.23oz (6.80g)	Black	
HCJ12R04		1/2" Male BSPT (R)			3	24mm	2.00" (51.0mm)		0.35oz (10.2g)

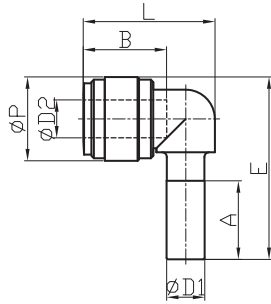




# Fluidfit™ Push-to-Connect Fittings

## Plug-In Stem Elbow Adapter - HLJ

Plug-In Stem Elbow Adapters feature a push-to-connect stem with a push-to-connect port arranged 90° apart.



### Fractional Tube Sizes

Model	Stem OD	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HLJ5/32-5/32	5/32"	5/32"	10	Yes	0.86" (21.9mm)	1.18" (30.1mm)	0.08oz (2.50g)	Natural
HLJ 3/16-3/16	3/16"	3/16"	10	Yes	0.88" (22.5mm)	1.23" (31.4mm)	0.10oz (2.90g)	Natural
HLJ 1/4-1/4	1/4"	1/4"	10	Yes	0.98" (25.1mm)	1.37" (34.8mm)	0.13oz (3.70g)	Natural
HLJ 5/16-5/16	5/16"	5/16"	5	Yes	1.09" (27.7mm)	1.50" (38.3mm)	0.19oz (5.40g)	Natural
HLJ 3/8-1/4	3/8"	1/4"	5	Yes	0.98" (25.1mm)	1.51" (38.6mm)	0.15oz (4.50g)	Natural
HLJ 3/8-5/16		5/16"			1.22" (31.0mm)	1.70" (43.2mm)	0.28oz (8.10g)	
HLJ 3/8-3/8		3/8"			1.23" (31.4mm)	1.70" (43.2mm)	0.27oz (7.90g)	
HLJ 1/2-1/2	1/2"	1/2"	3	Yes	1.54" (39.2mm)	2.01" (51.2mm)	0.44oz (12.7g)	Natural

### Metric Tube Sizes

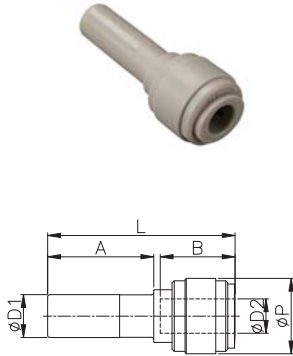
Model	Stem OD	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HLJ0404	4mm	4mm	10	No	0.86" (21.9mm)	1.18" (30.1mm)	0.08oz (2.50g)	Black
HLJ0606	6mm	6mm	10	No	0.98" (25.1mm)	1.37" (34.8mm)	0.13oz (3.70g)	Black
HLJ0608		8mm			1.02" (26.0mm)		1.44" (36.8mm)	
HLJ0808	8mm	8mm	5	No	1.09" (27.7mm)	1.50" (38.3mm)	0.18oz (5.30g)	Black
HLJ1006	10mm	6mm	5	No	1.20" (30.6mm)	1.70" (43.2mm)	0.27oz (7.80g)	Black
HLJ1008		8mm			1.22" (31.0mm)		0.28oz (8.20g)	
HLJ1010		10mm			1.23" (31.3mm)		0.26oz (7.40g)	
HLJ1212	12mm	12mm	3	No	1.53" (39.0mm)	2.01" (51.2mm)	0.44oz (12.6g)	Black



# Fluidfit™ Push-to-Connect Fittings

## Plug-In Tube Reducer - HGJ

Plug-In Tube Reducers feature a push-to-connect Insert stem with an opposing push-to-connect port of a different size.



### Fractional Tube Sizes

Model	Stem OD	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HGJ1/4-5/32	1/4"	5/32"	10	Yes	0.51" (13.2mm)	1.44" (36.7mm)	0.08oz (2.40g)	Natural
HGJ5/16-1/4	5/16"	1/4"	10	Yes	0.61" (15.5mm)	1.59" (40.6mm)	0.11oz (3.40g)	Natural
HGJ3/8-1/4	3/8"	1/4"	5	Yes	0.69" (17.6mm)	1.72" (43.9mm)	0.16oz (4.70g)	Natural
HGJ3/8-5/16		5/16"				1.74" (44.3mm)		
HGJ1/2-3/8	1/2"	3/8"	5	Yes	0.78" (20.0mm)	2.03" (51.7mm)	0.25oz (7.10g)	Natural

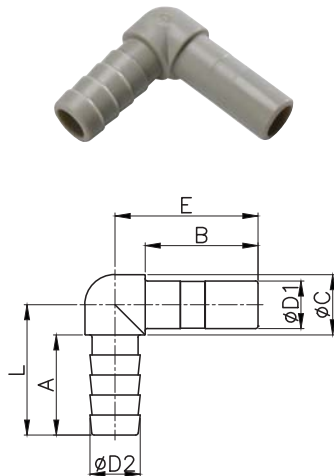
### Metric Tube Sizes

Model	Stem OD	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HGJ0604	6mm	4mm	10	No	0.41" (10.5mm)	1.44" (36.7mm)	0.08oz (2.40g)	Black
HGJ0804	8mm	4mm	10	No	0.61" (15.5mm)	0.88" (22.5mm)	0.13oz (3.70g)	Black
HGJ0806		6mm			0.41" (10.5mm)		0.12oz (3.50g)	
HGJ0810		10mm	5		0.78" (20.0mm)		0.19oz (5.40g)	
HGJ1006	10mm	6mm	5	No	0.49" (12.5mm)	0.97" (24.8mm)	0.18oz (5.20g)	Black
HGJ1008		8mm					0.17oz (5.10g)	
HGJ1208	12mm	8mm	N/A	No	0.78" (20.0mm)	1.16" (29.5mm)	0.25oz (7.30g)	Black
HGJ1210		10mm					0.24oz (6.90g)	



## Plug-In Barb Elbow – HLJB

Plug-In Barb Elbows feature an insert stem arranged 90° apart from a hose barb.



### Fractional Tube Sizes

Model	Stem OD	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HLJB3/8-5/16	3/8"	5/16"	10	Yes	0.94" (24.0mm)	1.12" (28.5mm)	0.10oz (3.10g)	Natural
HLJB3/8-3/8		3/8"			1.02" (26.0mm)		0.11oz (3.30g)	

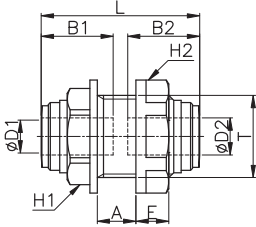


# Fluidfit™ Push-to-Connect Fittings

## Fluidfit™: Bulkhead Fittings

### Bulkhead Union (Reducers Included) - HMM

Bulkhead Union Fittings allow for passage through a partition or panel by connecting two tubes together.



#### Fractional Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Hex	Panel Hole	Length	Weight	Color
HMM5/32-5/32	5/32"	5/32"	5	Yes	17mm	0.53" (13.5mm)	1.23" (31.4mm)	0.24oz (6.90g)	Natural
HMM1/4-1/4	1/4"	1/4"	5	Yes	19mm	0.61" (15.5mm)	1.34" (34.2mm)	0.33oz (9.40g)	Natural
HMM1/4-3/8		3/8"	3	No	24mm	0.88" (22.5mm)	1.88" (47.9mm)	0.73oz (20.9g)	
HMM5/16-5/16	5/16"	5/16"	3	Yes	21mm	0.72" (18.5mm)	1.51" (38.5mm)	0.50oz (14.2g)	Natural
HMM3/8-3/8	3/8"	3/8"	3	Yes	24mm	0.88" (22.5mm)	1.66" (42.4mm)	0.70oz (20.1g)	Natural
HMM1/2-1/2	1/2"	1/2"	2	Yes	27mm	1.00" (25.5mm)	2.03" (51.8mm)	0.97oz (27.6g)	Natural

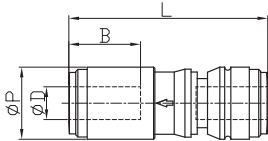
#### Metric Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Hex	Panel Hole	Length	Weight	Color
HMM0404	4mm	4mm	5	No	17mm	0.53" (13.5mm)	1.27" (32.4mm)	0.24oz (6.90g)	Black
HMM0604	6mm	4mm	5	No	19mm	0.61" (15.5mm)	1.39" (35.5mm)	0.34oz (9.80g)	Black
HMM0606		6mm					1.40" (35.7mm)		
HMM0806	8mm	6mm	3	No	21mm	0.72" (18.5mm)	1.50" (38.1mm)	0.50oz (14.3g)	Black
HMM0808	6mm	8mm					1.51" (38.5mm)		
HMM1010	10mm	10mm	3	No	24mm	0.88" (22.5mm)	1.66" (42.2mm)	0.68oz (19.5g)	Black
HMM1212	12mm	12mm	2	No	27mm	0.88" (25.5mm)	2.02" (51.4mm)	0.99oz (28.2g)	Black

## Fluidfit™: Check-Valve Fittings

### Check-Valve Fittings - HCVU

Check-Valve Fittings prevent the return of fluids in a circuit. Each check valve features opposing push-to-connect ports.



#### Fractional Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HCVU1/4-1/4	1/4"	1/4"	5	Yes	0.61" (15.5mm)	1.79" (45.5mm)	0.26oz (7.40g)	Natural
HCVU5/16-5/16	5/16"	5/16"	5	Yes	0.69" (17.6mm)	1.93" (48.6mm)	0.35oz (10.0g)	Natural
HCVU3/8-3/8	3/8"	3/8"	3	Yes	0.78" (20.0mm)	2.27" (57.8mm)	0.52oz (15.0g)	Natural
HCVU1/2-1/2	1/2"	1/2"	3	Yes	0.92" (23.6mm)	2.67" (67.9mm)	0.75oz (21.5g)	Natural

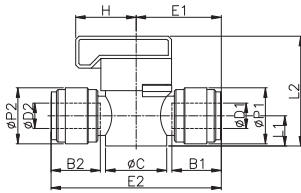
#### Metric Tube Sizes

Model	Tube 1 OD	Tube 2 OD	Package Qty.	Stock	Diameter	Length	Weight	Color
HCVU0606	6mm	6mm	5	No	0.61" (15.5mm)	1.79" (45.5mm)	0.26oz (7.40g)	Black
HCVU0808	8mm	8mm	5	No	0.69" (17.6mm)	1.93" (48.6mm)	0.35oz (10.0g)	Black
HCVU1010	10mm	10mm	3	No	0.78" (20.0mm)	2.27" (57.6mm)	0.51oz (14.5g)	Black
HCVU1212	12mm	12mm	3	No	0.92" (23.6mm)	2.67" (67.5mm)	0.77oz (22.1g)	Black



# Fluidfit™ Push-to-Connect Fittings

## Fluidfit™: Ball Valves



### Ball Valves - HBVU

Ball Valves allow users to close off fluids in a circuit. Each ball valve features opposing push-to-connect ports.

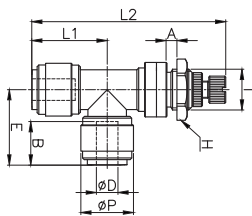
#### Fractional Tube Sizes

Model	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HBVU1/4-1/4	1/4"	3	Yes	2.03" (51.7mm)	1.35" (34.5mm)	0.56oz (16.0g)	Natural
HBVU5/16-5/16	5/16"	3	Yes	2.10" (53.5mm)	1.35" (34.5mm)	0.61oz (17.4g)	Natural
HBVU3/8-3/8	3/8"	2	Yes	2.48" (63.2mm)	1.66" (42.3mm)	1.02oz (29.0g)	Natural
HBVU1/2-1/2	1/2"	2	Yes	2.78" (70.8mm)	1.66" (42.3mm)	1.24oz (35.4g)	Natural

#### Metric Tube Sizes

Model	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HBVU0606	6mm	5	No	2.03" (51.7mm)	1.01" (25.9mm)	0.56oz (16.0g)	Black
HBVU0808	8mm	5	No	2.10" (53.5mm)	1.05" (26.8mm)	0.61oz (17.4g)	Black
HBVU1010	10mm	2	No	2.48" (63.0mm)	1.24" (31.5mm)	1.02oz (29.0g)	Black
HBVU1212	12mm	2	No	2.77" (70.4mm)	1.38" (35.2mm)	1.24oz (35.4g)	Black

## Fluidfit™: Flow Control Valves



### Panel Mount Run Style Flow Control – HSLB

Panel Mount Run Style Flow Controls feature two push to connect ports arranged 90° apart. A panel mounting nut enables users to install within an enclosure.

#### Fractional Tube Sizes

Model	Tube OD	Package Qty.	Stock	Hex	Panel Hole	Length	Weight	Color
HSLB1/4-1/4	1/4"	5	No	16mm	0.43" (11.0mm)	2.24" (57.1mm)	1.01oz (28.7g)	Natural
HSLB3/8-3/8	3/8"	N/A	No	19mm	0.55" (14.0mm)	2.66" (67.8mm)	1.90oz (54.0g)	Natural

#### Metric Tube Sizes

Model	Tube OD	Package Qty.	Stock	Hex	Panel Hole	Length	Weight	Color
HSLB0606	6mm	5	No	16mm	0.43" (11.0mm)	2.24" (57.1mm)	1.01oz (28.7g)	Black
HSLB1010	10mm	N/A	No	19mm	0.55" (14.0mm)	2.66" (67.7mm)	1.90oz (54.0g)	Black

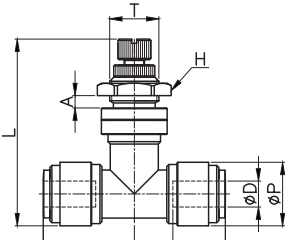


# Fluidfit™ Push-to-Connect Fittings



## Panel Mount Branch Style Flow Control - HSTB

Panel Mount Branch Style Flow Controls feature two opposing push to connect ports. A panel mounting nut enables users to install within an enclosure.



### Fractional Tube Sizes

Model	Tube OD	Package Qty.	Stock	Hex	Panel Hole	Length	Weight	Color
HSTB1/4-1/4	1/4"	5	No	16mm	0.43" (11.0mm)	1.98" (50.4mm)	1.01oz (28.9g)	Natural
HSTB3/8-3/8	3/8"	N/A	No	19mm	0.55" (14.0mm)	2.29" (58.4mm)	1.90oz (54.0g)	Natural

### Metric Tube Sizes

Model	Tube OD	Package Qty.	Stock	Hex	Panel Hole	Length	Weight	Color
HSTB0606	6mm	5	No	16mm	0.43" (11.0mm)	1.98" (50.4mm)	1.01oz (28.9g)	Black
HSTB1010	10mm	N/A	No	19mm	0.55" (14.0mm)	2.29" (58.4mm)	1.90oz (54.0g)	Black



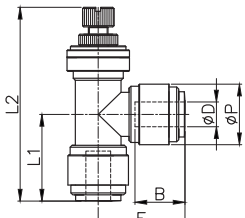
## Run Style Flow Control – HSLU

Panel Mount Run Style Flow Controls feature two opposing push to connect ports. A panel mounting nut enables users to install within an enclosure.



### Fractional Tube Sizes

Model	Tube OD	Package Qty.	Stock	Hex	Length	Weight	Color
HSLU1/4-1/4	1/4"	5	No	16mm	1.95" (49.6mm)	0.71oz (20.3g)	Natural
HSLU3/8-3/8	3/8"	N/A	No	19mm	2.32" (59.1mm)	1.37oz (39.0g)	Natural



### Metric Tube Sizes

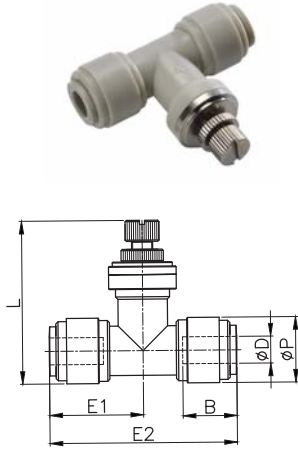
Model	Tube OD	Package Qty.	Stock	Hex	Length	Weight	Color
HSLU0606	6mm	5	No	16mm	2.11" (53.6mm)	0.71oz (20.3g)	Black
HSLU1010	10mm	N/A	No	19mm	2.54" (64.7mm)	1.37oz (39.0g)	Black



# Fluidfit™ Push-to-Connect Fittings

## Branch Style Flow Control – HSTU

Branch Style Flow Controls feature two push to connect ports arranged 90° apart.



### Fractional Tube Sizes

Model	Tube OD	Package Qty.	Stock	Hex	Length	Weight	Color
HSTU1/4-1/4	1/4"	5	No	16mm	1.48" (37.7mm)	0.72oz (20.6g)	Natural
HSTU3/8-3/8	3/8"	N/A	No	19mm	1.73" (44.0mm)	1.38oz (39.4g)	Natural

### Metric Tube Sizes

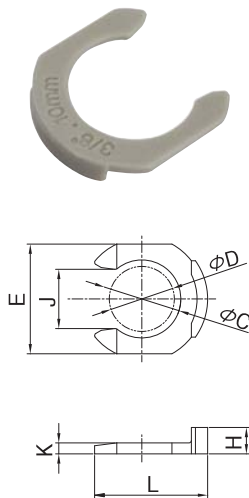
Model	Tube OD	Package Qty.	Stock	Hex	Length	Weight	Color
HSTU0606	6mm	5	No	16mm	1.74" (44.4mm)	0.72oz (20.6g)	Black
HSTU1010	10mm	N/A	No	19mm	2.05" (52.1mm)	1.38oz (39.4g)	Black



## Fluidfit™: Locking Clips

### Locking Clips - HCP

Locking Clips allow users to secure the release ring of any push-to-connect fitting, providing a layer of security in preventing unwanted disconnection.



### Fractional Tube Sizes

Model	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HCP5/32	5/32"	100	Yes	0.40" (10.2mm)	0.43" (11.0mm)	0.003oz (0.09g)	Natural
HCP3/16	3/16"	100	Yes	0.40" (10.2mm)	0.43" (11.0mm)	0.003oz (0.09g)	Natural
HCP1/4	1/4"	100	Yes	0.45" (11.6mm)	0.45" (11.6mm)	0.004oz (0.12g)	Natural
HCP5/16	5/16"	100	Yes	0.53" (13.5mm)	0.54" (13.9mm)	0.005oz (0.16g)	Natural
HCP3/8	3/8"	100	Yes	0.62" (16.0mm)	0.64" (16.4mm)	0.008oz (0.23g)	Natural
HCP1/2	1/2"	100	Yes	0.74" (19.0mm)	0.74" (19.0mm)	0.010oz (0.30g)	Natural

### Metric Tube Sizes

Model	Tube OD	Package Qty.	Stock	Width	Length	Weight	Color
HCP04	4mm	100	No	0.40" (10.2mm)	0.43" (11.0mm)	0.003oz (0.09g)	Black
HCP06	6mm	100	No	0.45" (11.6mm)	0.45" (11.6mm)	0.004oz (0.12g)	Black
HCP08	8mm	100	No	0.53" (13.5mm)	0.54" (13.9mm)	0.005oz (0.16g)	Black
HCP10	10mm	100	No	0.62" (16.0mm)	0.64" (16.4mm)	0.008oz (0.23g)	Black
HCP12	12mm	100	No	0.74" (19.0mm)	0.74" (19.0mm)	0.010oz (0.30g)	Black

