

POLY[®] CONN

Servicing Your Pneumatic Needs For Over 40 Years

MINIATURE FITTINGS

EMAIL

insidesales@polyconn.com

WEBSITE

www.polyconn.com

QUESTIONS

(763) 559-0388



Features and Specifications for Miniature Fittings

FEATURES

- Seven Barb Sizes
- Five Thread Sizes
- Captured O-Ring Design
- Small Shank
- Soldered Joint Technology
- Larger Thru-hole

USES

- Food & Beverage
- Medical & Dental
- Semi-Conductor
- Pharmaceutical
- Agriculture
- Chemical Processing

SPECIFICATIONS

PRESSURE RATING	MATERIAL	OTHER AVAILABLE MATERIALS
125 PSI to Moderate Vacuum	Electroless Nickel Plated	Brass Stainless Steel 303 Stainless Steel 316

NPT MALE STRAIGHT FITTING



5/16" HEX



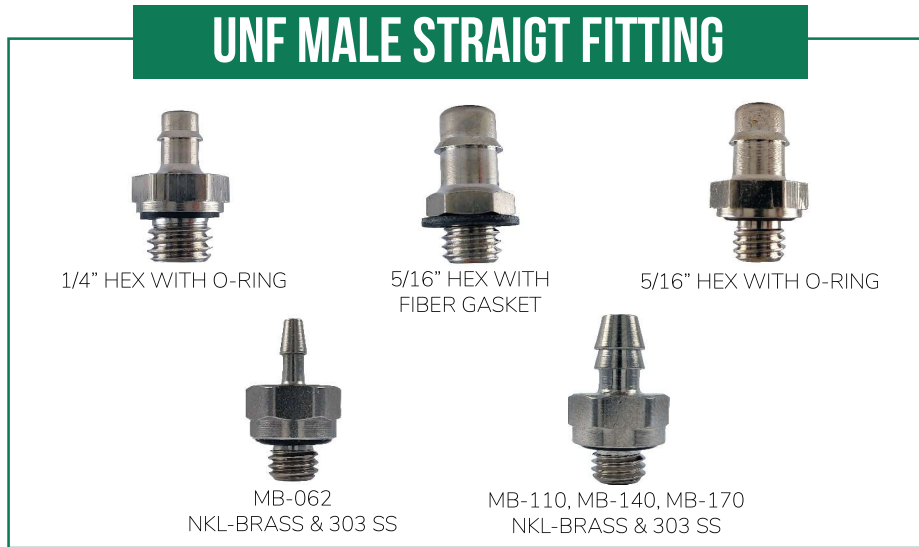
7/16" HEX



9/16" HEX

Part #	Tube ID	NPT M	HEX	Material	List Price	QTY	Pkg Price
MB-116B1N	1/16"	1/16"	5/16"	NKL-BRASS	\$ 2.50	25	\$ 62.50
MB-18B1N	1/16"	1/8"	7/16"	NKL-BRASS	\$ 2.32	25	\$ 57.92
MB-14B1N	1/16"	1/4"	9/16"	NKL-BRASS	\$ 3.34	25	\$ 85.83
MB-116B312N	5/32"	1/16"	5/16"	NKL-BRASS	\$ 2.50	25	\$ 62.50
MB-18B312N	5/32"	1/8"	7/16"	NKL-BRASS	\$ 2.45	25	\$ 61.25
MB-14B312N	5/32"	1/4"	9/16"	NKL-BRASS	\$ 3.10	25	\$ 77.50
MB-116B3N	1/8"	1/16"	5/16"	NKL-BRASS	\$ 2.50	25	\$ 62.50
MB-18B3N	1/8"	1/8"	7/16"	NKL-BRASS	\$ 2.32	25	\$ 57.92
MB-14B3N	1/8"	1/4"	9/16"	NKL-BRASS	\$ 3.10	25	\$ 77.50
MB-116B4N	.170"	1/16"	5/16"	NKL-BRASS	\$ 2.50	25	\$ 62.50
MB-18B4N	.170"	1/8"	7/16"	NKL-BRASS	\$ 2.45	25	\$ 61.25
MB-14B4N	.170"	1/4"	9/16"	NKL-BRASS	\$ 3.10	25	\$ 77.50
MB-116B6N	1/4"	1/16"	5/16"	NKL-BRASS	\$ 2.98	25	\$ 74.58
MB-18B6N	1/4"	1/8"	7/16"	NKL-BRASS	\$ 2.45	25	\$ 61.25
MB-14B6N	1/4"	1/4"	9/16"	NKL-BRASS	\$ 4.17	25	\$ 104.17
MB-18B8N	3/8"	1/8"	7/16"	NKL-BRASS	\$ 3.72	25	\$ 92.92
MB-14B8N	3/8"	1/4"	9/16"	NKL-BRASS	\$ 5.10	25	\$ 127.50

UNF MALE STRAIGHT FITTING



Part #	Tube ID	UNF M	HEX	O-Ring	Material	List Price	QTY	Pkg Price
MB-B1O14N	1/16"	10-32	1/4"	BUNA-N	NKL-BRASS	\$ 1.40	25	\$ 35.00
MB-B1ON	1/16"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.48	25	\$ 37.08
MB-B1N	1/16"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.12	25	\$ 27.92
MB-062	1/16"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 2.01	25	\$ 50.25
MB-062-SS	1/16"	10-32	5/16"	BUNA-N	303 SS	\$ 5.70	10	\$ 57.00
MB-428B1N	1/16"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.18	25	\$ 54.58
MB-B312O14N	5/32"	10-32	1/4"	BUNA-N	NKL-BRASS	\$ 1.40	25	\$ 35.00
MB-B312ON	5/32"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.63	25	\$ 40.83
MB-B312N	5/32"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.12	25	\$ 27.92
MB-428B312N	5/32"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.80	25	\$ 70.00
MB-110	5/64"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.59	25	\$ 39.75
MB-110-SS	5/64"	10-32	5/16"	BUNA-N	303 SS	\$ 5.70	10	\$ 57.00
MB-B3O14N	1/8"	10-32	1/4"	BUNA-N	NKL-BRASS	\$ 1.40	25	\$ 35.00
MB-B3ON	1/8"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.48	25	\$ 37.08
MB-B3N	1/8"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.12	25	\$ 27.92
MB-140	1/8"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.59	25	\$ 39.75
MB-140-SS	1/8"	10-32	5/16"	BUNA-N	303 SS	\$ 5.70	10	\$ 57.00
MB-428B3N	1/8"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.18	25	\$ 54.58
MB-B4O14N	.170"	10-32	1/4"	BUNA-N	NKL-BRASS	\$ 1.40	25	\$ 35.00
MB-B4ON	.170"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.55	25	\$ 38.75
MB-B4N	.170"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.12	25	\$ 27.92
MB-170	.170"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.59	25	\$ 39.75
MB-170-SS	.170"	10-32	5/16"	BUNA-N	303 SS	\$ 5.70	10	\$ 57.00
MB-428B4N	.170"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.80	25	\$ 70.00
MB-B6ON	1/4"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 2.58	25	\$ 64.58
MB-B6N	1/4"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.60	25	\$ 40.00
MB-428B6N	1/4"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.80	25	\$ 70.00

**Other thread options available
contact Polyconn for more details.**

NPT MALE ELBOW FITTING



5/16" HEX



7/16" HEX



9/16" HEX

Part #	Tube ID	NPT M	HEX	Material	List Price	QTY	Pkg Price
MB-116LB1N	1/16"	1/16"	5/16"	NKL-BRASS	\$ 4.22	25	\$ 105.42
MB-18LB1N	1/16"	1/8"	7/16"	NKL-BRASS	\$ 4.47	25	\$ 111.67
MB-14LB1N	1/16"	1/4"	9/16"	NKL-BRASS	\$ 4.83	25	\$ 120.83
MB-116LB312N	5/32"	1/16"	5/16"	NKL-BRASS	\$ 4.22	25	\$ 105.42
MB-18LB312N	5/32"	1/8"	7/16"	NKL-BRASS	\$ 4.47	25	\$ 111.67
MB-14LB312N	5/32"	1/4"	9/16"	NKL-BRASS	\$ 5.32	25	\$ 132.92
MB-116LB3N	1/8"	1/16"	5/16"	NKL-BRASS	\$ 4.22	25	\$ 105.42
MB-18LB3N	1/8"	1/8"	7/16"	NKL-BRASS	\$ 4.47	25	\$ 111.67
MB-14LB3N	1/8"	1/4"	9/16"	NKL-BRASS	\$ 5.10	25	\$ 127.50
MB-116LB4N	.170"	1/16"	5/16"	NKL-BRASS	\$ 4.22	25	\$ 105.42
MB-18LB4N	.170"	1/8"	7/16"	NKL-BRASS	\$ 4.47	25	\$ 111.67
MB-14LB4N	.170"	1/4"	9/16"	NKL-BRASS	\$ 5.32	25	\$ 132.92
MB-116LB6N	1/4"	1/16"	5/16"	NKL-BRASS	\$ 4.55	25	\$ 113.75
MB-18LB6N	1/4"	1/8"	7/16"	NKL-BRASS	\$ 5.00	25	\$ 125.00
MB-14LB6N	1/4"	1/4"	9/16"	NKL-BRASS	\$ 5.48	25	\$ 137.08

UNF MALE ELBOW FITTING



5/16" HEX WITH FIBER GASKET



5/16" HEX WITH O-RING



SQUARE BODY WITH O-RING

Part #	Tube ID	UNF M	HEX	O-Ring	Material	List Price	QTY	Pkg Price
MB-10LB1N	1/16"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.22	25	\$ 80.42
MB-428LB1N	1/16"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.97	25	\$ 99.17
MB-A10LB1UMSQN	1/16"	10-32	N/A	BUNA-N	NKL-BRASS	\$ 6.19	25	\$ 154.86
MB-10LB312ON	5/32"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 3.75	25	\$ 93.75
MB-10LB312N	5/32"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.70	25	\$ 92.50
MB-428LB312N	5/32"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.97	25	\$ 99.17
MB-10LB3N	1/8"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.70	25	\$ 92.50
MB-428LB3N	1/8"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.97	25	\$ 99.17
MB-A10LB3UMN	1/8"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 7.81	25	\$ 195.14
MB-A10LB3UMSQN	1/8"	10-32	N/A	BUNA-N	NKL-BRASS	\$ 6.19	25	\$ 154.86
MB-10LB4N	.170"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.70	25	\$ 92.50
MB-428LB4N	.170"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.97	25	\$ 99.17
MB-A10LB4UMSQN	.170"	10-32	N/A	BUNA-N	NKL-BRASS	\$ 6.19	25	\$ 154.86
MB-428LB6N	1/4"	1/4-28	3/8"	FIBER GASKET	NKL-BRASS	\$ 5.23	25	\$ 130.83

NPT FEMALE STRAIGHT FITTING



9/16" HEX



11/16" HEX

Part #	Tube ID	NPT F	HEX	Material	List Price	QTY	Pkg Price
MB-18FB1N	1/16"	1/8"	9/16"	NKL-BRASS	\$ 4.23	25	\$ 105.83
MB-14FB1N	1/16"	1/4"	11/16"	NKL-BRASS	\$ 4.95	25	\$ 123.75
MB-18FB312N	5/32"	1/8"	9/16"	NKL-BRASS	\$ 3.82	25	\$ 95.42
MB-14FB312N	5/32"	1/4"	11/16"	NKL-BRASS	\$ 4.95	25	\$ 123.75
MB-18FB3N	1/8"	1/8"	9/16"	NKL-BRASS	\$ 3.82	25	\$ 95.42
MB-14FB3N	1/8"	1/4"	11/16"	NKL-BRASS	\$ 4.95	25	\$ 123.75
MB-18FB4N	.170"	1/8"	9/16"	NKL-BRASS	\$ 3.82	25	\$ 95.42
MB-14FB4N	.170"	1/4"	11/16"	NKL-BRASS	\$ 4.95	25	\$ 123.75
MB-18FB6N	1/4"	1/8"	9/16"	NKL-BRASS	\$ 5.63	25	\$ 140.83
MB-14FB6N	1/4"	1/4"	11/16"	NKL-BRASS	\$ 4.95	25	\$ 123.75
MB-18FB8N	3/8"	1/8"	9/16"	NKL-BRASS	\$ 8.73	25	\$ 218.33
MB-14FB8N	3/8"	1/4"	11/16"	NKL-BRASS	\$ 9.58	25	\$ 239.58

NPT FEMALE ELBOW FITTING



9/16" HEX



11/16" HEX

Part #	Tube ID	NPT F	HEX	Material	List Price	QTY	Pkg Price
MB-18FLB1N	1/16"	1/8"	9/16"	NKL-BRASS	\$ 4.48	25	\$ 112.08
MB-14FLB1N	1/16"	1/4"	11/16"	NKL-BRASS	\$ 6.08	25	\$ 152.08
MB-18FLB312N	5/32"	1/8"	9/16"	NKL-BRASS	\$ 5.02	25	\$ 125.42
MB-14FLB312N	5/32"	1/4"	11/16"	NKL-BRASS	\$ 6.80	25	\$ 170.00
MB-18FLB3N	1/8"	1/8"	9/16"	NKL-BRASS	\$ 5.02	25	\$ 125.42
MB-14FLB3N	1/8"	1/4"	11/16"	NKL-BRASS	\$ 6.17	25	\$ 154.17
MB-18FLB4N	.170"	1/8"	9/16"	NKL-BRASS	\$ 5.10	25	\$ 127.50
MB-14FLB4N	.170"	1/4"	11/16"	NKL-BRASS	\$ 6.40	25	\$ 160.00
MB-18FLB6N	1/4"	1/8"	9/16"	NKL-BRASS	\$ 6.50	25	\$ 162.50
MB-14FLB6N	1/4"	1/4"	11/16"	NKL-BRASS	\$ 6.95	25	\$ 173.75

**Orifice options available
contact Polyconn for details.**

UNF BULKHEAD FITTING



UNION



ELBOW

Part #	Tube ID	UNF	Style	O-Ring	Material	List Price	QTY	Pkg Price
MB-10BK1N	1/16"	10-32	UNION	N/A	NKL-BRASS	\$ 4.80	25	\$ 120.00
MB-14BK312N	5/32"	1/4-28	UNION	N/A	NKL-BRASS	\$ 5.78	25	\$ 144.58
MB-14BK312ON	5/32"	1/4-28	UNION	BUNA-N	NKL-BRASS	\$ 7.70	25	\$ 192.50
MB-14BK3N	1/8"	1/4-28	UNION	N/A	NKL-BRASS	\$ 5.78	25	\$ 144.58
MB-516BK4N	.170"	5/16-24	UNION	N/A	NKL-BRASS	\$ 7.15	25	\$ 178.75
MB-38BK6N	1/4"	3/8-24	UNION	N/A	NKL-BRASS	\$ 8.45	25	\$ 211.25
MB-12BK8N	3/8"	1/2-20	UNION	N/A	NKL-BRASS	\$ 16.85	25	\$ 421.25

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**Smaller barb sizes
and other configurations available!**

BARBED FITTING



COUPLER



CROSS



TEE



"Y"

Part #	Tube ID	Style	Material	List Price	QTY	Pkg Price
MB-C1N	1/16"	COUPLER	NKL-BRASS	\$ 1.18	25	\$ 29.58
MB-T1N	1/16"	TEE	NKL-BRASS	\$ 3.10	25	\$ 77.50
MB-X1N	1/16"	CROSS	NKL-BRASS	\$ 5.68	25	\$ 142.08
MB-Y1N	1/16"	Y	NKL-BRASS	\$ 9.63	25	\$ 240.83
MB-C312N	5/32"	COUPLER	NKL-BRASS	\$ 1.80	25	\$ 45.00
MB-T312N	5/32"	TEE	NKL-BRASS	\$ 4.10	25	\$ 102.50
MB-X312N	5/32"	CROSS	NKL-BRASS	\$ 5.68	25	\$ 142.08
MB-Y312N	5/32"	Y	NKL-BRASS	\$ 11.95	25	\$ 298.75
MB-C3N	1/8"	COUPLER	NKL-BRASS	\$ 1.80	25	\$ 45.00
MB-T3N	1/8"	TEE	NKL-BRASS	\$ 3.70	25	\$ 92.50
MB-X3N	1/8"	CROSS	NKL-BRASS	\$ 5.68	25	\$ 142.08
MB-Y3N	1/8"	Y	NKL-BRASS	\$ 11.95	25	\$ 298.75
MB-C4N	.170"	COUPLER	NKL-BRASS	\$ 1.80	25	\$ 45.00
MB-T4N	.170"	TEE	NKL-BRASS	\$ 4.10	25	\$ 102.50
MB-X4N	.170"	CROSS	NKL-BRASS	\$ 7.23	25	\$ 180.83
MB-Y4N	.170"	Y	NKL-BRASS	\$ 11.95	25	\$ 298.75
MB-C6N	1/4"	COUPLER	NKL-BRASS	\$ 4.63	25	\$ 115.83
MB-T6N	1/4"	TEE	NKL-BRASS	\$ 5.25	25	\$ 131.25
MB-X6N	1/4"	CROSS	NKL-BRASS	\$ 9.12	25	\$ 227.92
MB-Y6N	1/4"	Y	NKL-BRASS	\$ 17.37	25	\$ 434.17
MB-C8N	3/8"	COUPLER	NKL-BRASS	\$ 6.58	25	\$ 164.58
MB-T8N	3/8"	TEE	NKL-BRASS	\$ 11.65	25	\$ 291.25
MB-X8N	3/8"	CROSS	NKL-BRASS	\$ 22.62	25	\$ 565.42
MB-Y8N	3/8"	Y	NKL-BRASS	\$ 28.95	25	\$ 723.75
MB-C10N	1/2"	COUPLER	NKL-BRASS	\$ 15.60	25	\$ 390.00
MB-T10N	1/2"	TEE	NKL-BRASS	\$ 16.22	25	\$ 405.42
MB-X10N	1/2"	CROSS	NKL-BRASS	\$ 25.07	25	\$ 626.67
MB-Y10N	1/2"	Y	NKL-BRASS	\$ 43.65	25	\$ 1,091.25

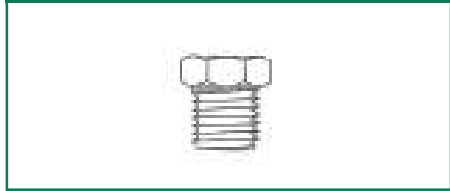
MISC. THREAD FITTINGS

SQUARE BODY TEE WITH BUNA-N O-RING



Part #	ID	UNF M	List Price	QTY	Pkg Price
MB-A10T1UMSQN	1/16"	10-32	\$ 12.83	25	\$ 320.83
MB-A10T3UMSQN	1/8"	10-32	\$ 12.83	25	\$ 320.83
MB-A10T4UMSQN	.170"	10-32	\$ 12.83	25	\$ 320.83

BUSHING REDUCER



Part #	NPT M	UNF F	List Price	QTY	Pkg Price
MB-25	1/8"	10-32	\$ 0.53	25	\$ 13.28

SLOTTED ELBOW



Part #	UNF M	UNF F	List Price	QTY	Pkg Price
MB-A10FL1ON	10-32	10-32	\$ 5.09	25	\$ 127.36

ELBOW



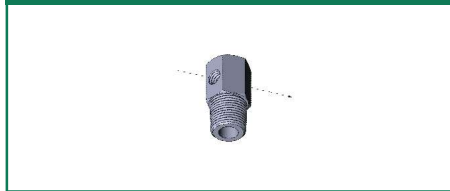
Part #	NPT M	UNF F	List Price	QTY	Pkg Price
MB-52-1	1/8"	10-32	\$ 1.05	25	\$ 26.32

PLUG WITH BUNA-N O-RING



Part #	UNF M	HEX	List Price	QTY	Pkg Price
MB-100PLUGSLOTN	10-32	5/16"	\$ 1.59	25	\$ 39.75

TEE



Part #	NPT M	UNF F	List Price	QTY	Pkg Price
MB-52-2	1/8"	10-32	\$ 1.34	25	\$ 33.54

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Now that you have your Miniature Fittings,
don't forget your tubing!



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**Polyconn[®] the one-stop shop for your
pneumatic needs.**