

POLY[®]CONN

Servicing Your Pneumatic Needs For Over 40 Years

MINIATURE FITTINGS

EMAIL

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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	\$ 2.31	25	\$ 57.85
MB-18B1N	1/16"	1/8"	7/16"	NKL-BRASS	\$ 2.15	25	\$ 53.68
MB-14B1N	1/16"	1/4"	9/16"	NKL-BRASS	\$ 3.18	25	\$ 79.44
MB-116B312N	5/32"	1/16"	5/16"	NKL-BRASS	\$ 2.31	25	\$ 57.85
MB-18B312N	5/32"	1/8"	7/16"	NKL-BRASS	\$ 2.28	25	\$ 56.88
MB-14B312N	5/32"	1/4"	9/16"	NKL-BRASS	\$ 2.88	25	\$ 71.94
MB-116B3N	1/8"	1/16"	5/16"	NKL-BRASS	\$ 2.31	25	\$ 57.85
MB-18B3N	1/8"	1/8"	7/16"	NKL-BRASS	\$ 2.15	25	\$ 53.68
MB-14B3N	1/8"	1/4"	9/16"	NKL-BRASS	\$ 2.88	25	\$ 71.94
MB-116B4N	.170"	1/16"	5/16"	NKL-BRASS	\$ 2.31	25	\$ 57.85
MB-18B4N	.170"	1/8"	7/16"	NKL-BRASS	\$ 2.28	25	\$ 56.94
MB-14B4N	.170"	1/4"	9/16"	NKL-BRASS	\$ 2.88	25	\$ 71.94
MB-116B6N	1/4"	1/16"	5/16"	NKL-BRASS	\$ 2.77	25	\$ 69.17
MB-18B6N	1/4"	1/8"	7/16"	NKL-BRASS	\$ 2.28	25	\$ 56.94
MB-14B6N	1/4"	1/4"	9/16"	NKL-BRASS	\$ 3.86	25	\$ 96.60
MB-18B8N	3/8"	1/8"	7/16"	NKL-BRASS	\$ 3.44	25	\$ 85.90
MB-14B8N	3/8"	1/4"	9/16"	NKL-BRASS	\$ 4.72	25	\$ 118.06

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	\$ 1.31	25	\$ 32.64
MB-B1ON	1/16"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.38	25	\$ 34.45
MB-B1N	1/16"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.03	25	\$ 25.70
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	\$ 2.02	25	\$ 50.42
MB-B312O14N	5/32"	10-32	1/4"	BUNA-N	NKL-BRASS	\$ 1.31	25	\$ 32.64
MB-B312ON	5/32"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.52	25	\$ 37.99
MB-B312N	5/32"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.03	25	\$ 25.70
MB-428B312N	5/32"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.60	25	\$ 64.93
MB-110	5/64"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 2.01	25	\$ 50.25
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	\$ 1.31	25	\$ 32.64
MB-B3ON	1/8"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.38	25	\$ 34.45
MB-B3N	1/8"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.03	25	\$ 25.70
MB-140	1/8"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 2.01	25	\$ 50.25
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	\$ 2.02	25	\$ 50.42
MB-B4O4N	.170"	10-32	1/4"	BUNA-N	NKL-BRASS	\$ 1.31	25	\$ 32.64
MB-B4ON	.170"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 1.44	25	\$ 35.97
MB-B4N	.170"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.03	25	\$ 25.70
MB-170	.170"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 2.01	25	\$ 50.25
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	\$ 2.60	25	\$ 64.93
MB-B6ON	1/4"	10-32	5/16"	BUNA-N	NKL-BRASS	\$ 2.39	25	\$ 59.72
MB-B6N	1/4"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 1.48	25	\$ 36.95
MB-428B6N	1/4"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 2.60	25	\$ 64.93

**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	\$ 3.90	25	\$ 97.57
MB-18LB1N	1/16"	1/8"	7/16"	NKL-BRASS	\$ 3.46	25	\$ 86.39
MB-14LB1N	1/16"	1/4"	9/16"	NKL-BRASS	\$ 4.48	25	\$ 112.01
MB-116LB312N	5/32"	1/16"	5/16"	NKL-BRASS	\$ 3.90	25	\$ 97.57
MB-18LB312N	5/32"	1/8"	7/16"	NKL-BRASS	\$ 3.46	25	\$ 86.39
MB-14LB312N	5/32"	1/4"	9/16"	NKL-BRASS	\$ 4.92	25	\$ 123.06
MB-116LB3N	1/8"	1/16"	5/16"	NKL-BRASS	\$ 3.90	25	\$ 97.57
MB-18LB3N	1/8"	1/8"	7/16"	NKL-BRASS	\$ 3.46	25	\$ 86.39
MB-14LB3N	1/8"	1/4"	9/16"	NKL-BRASS	\$ 4.73	25	\$ 118.13
MB-116LB4N	.170"	1/16"	5/16"	NKL-BRASS	\$ 3.90	25	\$ 97.57
MB-18LB4N	.170"	1/8"	7/16"	NKL-BRASS	\$ 3.46	25	\$ 86.39
MB-14LB4N	.170"	1/4"	9/16"	NKL-BRASS	\$ 4.92	25	\$ 123.06
MB-116LB6N	1/4"	1/16"	5/16"	NKL-BRASS	\$ 4.22	25	\$ 105.49
MB-18LB6N	1/4"	1/8"	7/16"	NKL-BRASS	\$ 3.69	25	\$ 92.29
MB-14LB6N	1/4"	1/4"	9/16"	NKL-BRASS	\$ 5.08	25	\$ 126.94

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	\$ 2.98	25	\$ 74.52
MB-428LB1N	1/16"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.67	25	\$ 91.81
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	\$ 3.47	25	\$ 86.67
MB-10LB312N	5/32"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.42	25	\$ 85.56
MB-428LB312N	5/32"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.67	25	\$ 91.81
MB-10LB3N	1/8"	10-32	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.42	25	\$ 85.56
MB-428LB3N	1/8"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.67	25	\$ 91.81
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	\$ 3.42	25	\$ 85.56
MB-428LB4N	.170"	1/4-28	5/16"	FIBER GASKET	NKL-BRASS	\$ 3.67	25	\$ 91.81
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	\$ 4.85	25	\$ 121.32

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	\$ 3.27	25	\$ 81.67
MB-14FB1N	1/16"	1/4"	11/16"	NKL-BRASS	\$ 4.58	25	\$ 114.58
MB-18FB312N	5/32"	1/8"	9/16"	NKL-BRASS	\$ 2.95	25	\$ 73.75
MB-14FB312N	5/32"	1/4"	11/16"	NKL-BRASS	\$ 4.58	25	\$ 114.58
MB-18FB3N	1/8"	1/8"	9/16"	NKL-BRASS	\$ 2.95	25	\$ 73.75
MB-14FB3N	1/8"	1/4"	11/16"	NKL-BRASS	\$ 4.58	25	\$ 114.58
MB-18FB4N	.170"	1/8"	9/16"	NKL-BRASS	\$ 2.95	25	\$ 73.75
MB-14FB4N	.170"	1/4"	11/16"	NKL-BRASS	\$ 4.58	25	\$ 114.58
MB-18FB6N	1/4"	1/8"	9/16"	NKL-BRASS	\$ 4.35	25	\$ 108.75
MB-14FB6N	1/4"	1/4"	11/16"	NKL-BRASS	\$ 4.58	25	\$ 114.58
MB-18FB8N	3/8"	1/8"	9/16"	NKL-BRASS	\$ 6.73	25	\$ 168.33
MB-14FB8N	3/8"	1/4"	11/16"	NKL-BRASS	\$ 8.88	25	\$ 222.08

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	\$ 4.15	25	\$ 103.75
MB-14FLB1N	1/16"	1/4"	11/16"	NKL-BRASS	\$ 5.63	25	\$ 140.83
MB-18FLB312N	5/32"	1/8"	9/16"	NKL-BRASS	\$ 4.65	25	\$ 116.25
MB-14FLB312N	5/32"	1/4"	11/16"	NKL-BRASS	\$ 6.30	25	\$ 157.50
MB-18FLB3N	1/8"	1/8"	9/16"	NKL-BRASS	\$ 4.65	25	\$ 116.25
MB-14FLB3N	1/8"	1/4"	11/16"	NKL-BRASS	\$ 5.72	25	\$ 142.92
MB-18FLB4N	.170"	1/8"	9/16"	NKL-BRASS	\$ 4.72	25	\$ 117.92
MB-14FLB4N	.170"	1/4"	11/16"	NKL-BRASS	\$ 5.92	25	\$ 147.92
MB-18FLB6N	1/4"	1/8"	9/16"	NKL-BRASS	\$ 6.02	25	\$ 150.42
MB-14FLB6N	1/4"	1/4"	11/16"	NKL-BRASS	\$ 6.43	25	\$ 160.83

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	\$ 4.45	25	\$ 111.25
MB-14BK312N	5/32"	1/4-28	UNION	N/A	NKL-BRASS	\$ 5.35	25	\$ 133.75
MB-14BK312ON	5/32"	1/4-28	UNION	BUNA-N	NKL-BRASS	\$ 7.12	25	\$ 177.92
MB14BK312L312ON	5/32"	1/4-28	ELBOW	BUNA-N	NKL-BRASS	\$ 14.45	25	\$ 361.25
MB-14BK3N	1/8"	1/4-28	UNION	N/A	NKL-BRASS	\$ 5.35	25	\$ 133.75
MB-516BK4N	.170"	5/16-24	UNION	N/A	NKL-BRASS	\$ 6.62	25	\$ 165.42
MB-38BK6N	1/4"	3/8-24	UNION	N/A	NKL-BRASS	\$ 6.98	25	\$ 174.58
MB-12BK8N	3/8"	1/2-20	UNION	N/A	NKL-BRASS	\$ 15.60	25	\$ 390.00

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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	\$ 1.09	25	\$ 27.36
MB-T1N	1/16"	TEE	NKL-BRASS	\$ 2.87	25	\$ 71.74
MB-Y1N	1/16"	Y	NKL-BRASS	\$ 8.91	25	\$ 222.85
MB-X1N	1/16"	CROSS	NKL-BRASS	\$ 5.26	25	\$ 131.60
MB-C312N	5/32"	COUPLER	NKL-BRASS	\$ 1.66	25	\$ 41.53
MB-T312N	5/32"	TEE	NKL-BRASS	\$ 3.80	25	\$ 94.93
MB-Y312N	5/32"	Y	NKL-BRASS	\$ 11.07	25	\$ 274.74
MB-X312N	5/32"	CROSS	NKL-BRASS	\$ 5.28	25	\$ 131.94
MB-C3N	1/8"	COUPLER	NKL-BRASS	\$ 1.66	25	\$ 41.53
MB-T3N	1/8"	TEE	NKL-BRASS	\$ 3.42	25	\$ 85.56
MB-Y3N	1/8"	Y	NKL-BRASS	\$ 11.07	25	\$ 274.74
MB-X3N	1/8"	CROSS	NKL-BRASS	\$ 5.28	25	\$ 131.94
MB-C4N	.170"	COUPLER	NKL-BRASS	\$ 1.66	25	\$ 41.53
MB-T4N	.170"	TEE	NKL-BRASS	\$ 3.81	25	\$ 95.14
MB-Y4N	.170"	Y	NKL-BRASS	\$ 11.07	25	\$ 274.74
MB-X4N	.170"	CROSS	NKL-BRASS	\$ 6.69	25	\$ 167.29
MB-C6N	1/4"	COUPLER	NKL-BRASS	\$ 4.31	25	\$ 107.64
MB-T6N	1/4"	TEE	NKL-BRASS	\$ 4.86	25	\$ 121.39
MB-Y6N	1/4"	Y	NKL-BRASS	\$ 16.08	25	\$ 402.08
MB-X6N	1/4"	CROSS	NKL-BRASS	\$ 8.44	25	\$ 210.97
MB-C8N	3/8"	COUPLER	NKL-BRASS	\$ 6.10	25	\$ 152.43
MB-T8N	3/8"	TEE	NKL-BRASS	\$ 14.80	25	\$ 370.00
MB-Y8N	3/8"	Y	NKL-BRASS	\$ 30.15	25	\$ 753.75
MB-X8N	3/8"	CROSS	NKL-BRASS	\$ 20.94	25	\$ 523.40
MB-C10N	1/2"	COUPLER	NKL-BRASS	\$ 14.44	25	\$ 361.11
MB-T10N	1/2"	TEE	NKL-BRASS	\$ 18.35	25	\$ 458.75
MB-Y10N	1/2"	Y	NKL-BRASS	\$ 43.75	25	\$ 1,093.75
MB-X10N	1/2"	CROSS	NKL-BRASS	\$ 23.21	25	\$ 580.14

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

SLOTTED ELBOW



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

PLUG WITH BUNA-N O-RING



Part #	UNF M	HEX	List Price	QTY	Pkg Price
MB-100PLUGSLOTN	10-32	5/16"	\$ 1.89	25	\$ 47.22

BUSHING REDUCER



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

ELBOW



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

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,
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pneumatic needs.**