

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



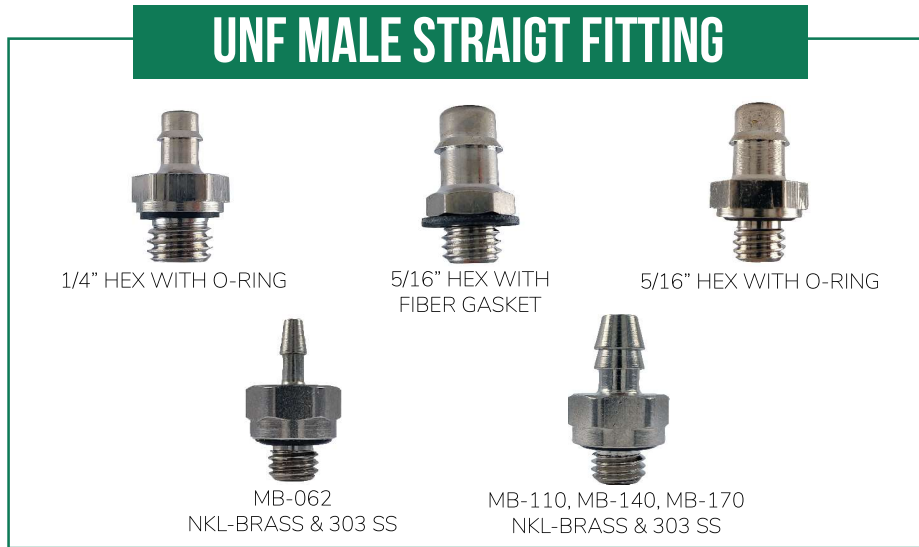
7/16" HEX



9/16" HEX

| Part # | Tube ID | NPT M | HEX | Material | QTY |
|-------------|---------|-------|-------|-----------|-----|
| MB-116B1N | 1/16" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18B1N | 1/16" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14B1N | 1/16" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116B312N | 5/32" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18B312N | 5/32" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14B312N | 5/32" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116B3N | 1/8" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18B3N | 1/8" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14B3N | 1/8" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116B4N | .170" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18B4N | .170" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14B4N | .170" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116B6N | 1/4" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18B6N | 1/4" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14B6N | 1/4" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-18B8N | 3/8" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14B8N | 3/8" | 1/4" | 9/16" | NKL-BRASS | 25 |

UNF MALE STRAIGHT FITTING



| Part # | Tube ID | UNF M | HEX | O-Ring | Material | QTY |
|-------------|---------|--------|-------|--------------|-----------|-----|
| MB-B1O14N | 1/16" | 10-32 | 1/4" | BUNA-N | NKL-BRASS | 25 |
| MB-B1ON | 1/16" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-B1N | 1/16" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-062 | 1/16" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-062-SS | 1/16" | 10-32 | 5/16" | BUNA-N | 303 SS | 10 |
| MB-428B1N | 1/16" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-B312O14N | 5/32" | 10-32 | 1/4" | BUNA-N | NKL-BRASS | 25 |
| MB-B312ON | 5/32" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-B312N | 5/32" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-428B312N | 5/32" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-110 | 5/64" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-110-SS | 5/64" | 10-32 | 5/16" | BUNA-N | 303 SS | 10 |
| MB-B3O14N | 1/8" | 10-32 | 1/4" | BUNA-N | NKL-BRASS | 25 |
| MB-B3ON | 1/8" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-B3N | 1/8" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-140 | 1/8" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-140-SS | 1/8" | 10-32 | 5/16" | BUNA-N | 303 SS | 10 |
| MB-428B3N | 1/8" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-B4O14N | .170" | 10-32 | 1/4" | BUNA-N | NKL-BRASS | 25 |
| MB-B4ON | .170" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-B4N | .170" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-170 | .170" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-170-SS | .170" | 10-32 | 5/16" | BUNA-N | 303 SS | 10 |
| MB-428B4N | .170" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-B6ON | 1/4" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-B6N | 1/4" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-428B6N | 1/4" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |

**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 | QTY |
|--------------|---------|-------|-------|-----------|-----|
| MB-116LB1N | 1/16" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18LB1N | 1/16" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14LB1N | 1/16" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116LB312N | 5/32" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18LB312N | 5/32" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14LB312N | 5/32" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116LB3N | 1/8" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18LB3N | 1/8" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14LB3N | 1/8" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116LB4N | .170" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18LB4N | .170" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14LB4N | .170" | 1/4" | 9/16" | NKL-BRASS | 25 |
| MB-116LB6N | 1/4" | 1/16" | 5/16" | NKL-BRASS | 25 |
| MB-18LB6N | 1/4" | 1/8" | 7/16" | NKL-BRASS | 25 |
| MB-14LB6N | 1/4" | 1/4" | 9/16" | NKL-BRASS | 25 |

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 | QTY |
|----------------|---------|--------|-------|--------------|-----------|-----|
| MB-10LB1N | 1/16" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-428LB1N | 1/16" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-A10LB1UMSQN | 1/16" | 10-32 | N/A | BUNA-N | NKL-BRASS | 25 |
| MB-10LB312ON | 5/32" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-10LB312N | 5/32" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-428LB312N | 5/32" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-10LB3N | 1/8" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-428LB3N | 1/8" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-A10LB3UMN | 1/8" | 10-32 | 5/16" | BUNA-N | NKL-BRASS | 25 |
| MB-A10LB3UMSQN | 1/8" | 10-32 | N/A | BUNA-N | NKL-BRASS | 25 |
| MB-10LB4N | .170" | 10-32 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-428LB4N | .170" | 1/4-28 | 5/16" | FIBER GASKET | NKL-BRASS | 25 |
| MB-A10LB4UMSQN | .170" | 10-32 | N/A | BUNA-N | NKL-BRASS | 25 |
| MB-428LB6N | 1/4" | 1/4-28 | 3/8" | FIBER GASKET | NKL-BRASS | 25 |

NPT FEMALE STRAIGHT FITTING



9/16" HEX



11/16" HEX

| Part # | Tube ID | NPT F | HEX | Material | QTY |
|-------------|---------|-------|--------|-----------|-----|
| MB-18FB1N | 1/16" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FB1N | 1/16" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FB312N | 5/32" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FB312N | 5/32" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FB3N | 1/8" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FB3N | 1/8" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FB4N | .170" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FB4N | .170" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FB6N | 1/4" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FB6N | 1/4" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FB8N | 3/8" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FB8N | 3/8" | 1/4" | 11/16" | NKL-BRASS | 25 |

NPT FEMALE ELBOW FITTING



9/16" HEX



11/16" HEX

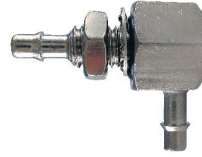
| Part # | Tube ID | NPT F | HEX | Material | QTY |
|--------------|---------|-------|--------|-----------|-----|
| MB-18FLB1N | 1/16" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FLB1N | 1/16" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FLB312N | 5/32" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FLB312N | 5/32" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FLB3N | 1/8" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FLB3N | 1/8" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FLB4N | .170" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FLB4N | .170" | 1/4" | 11/16" | NKL-BRASS | 25 |
| MB-18FLB6N | 1/4" | 1/8" | 9/16" | NKL-BRASS | 25 |
| MB-14FLB6N | 1/4" | 1/4" | 11/16" | NKL-BRASS | 25 |

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

UNF BULKHEAD FITTING



UNION



ELBOW

| Part # | Tube ID | UNF | Style | O-Ring | Material | QTY |
|--------------|---------|---------|-------|--------|-----------|-----|
| MB-10BK1N | 1/16" | 10-32 | UNION | N/A | NKL-BRASS | 25 |
| MB-14BK312N | 5/32" | 1/4-28 | UNION | N/A | NKL-BRASS | 25 |
| MB-14BK312ON | 5/32" | 1/4-28 | UNION | BUNA-N | NKL-BRASS | 25 |
| MB-14BK3N | 1/8" | 1/4-28 | UNION | N/A | NKL-BRASS | 25 |
| MB-516BK4N | .170" | 5/16-24 | UNION | N/A | NKL-BRASS | 25 |
| MB-38BK6N | 1/4" | 3/8-24 | UNION | N/A | NKL-BRASS | 25 |
| MB-12BK8N | 3/8" | 1/2-20 | UNION | N/A | NKL-BRASS | 25 |

POLY CONN[®]

Servicing Your Pneumatic Needs For Over 40 Years

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

BARBED FITTING



COUPLER



CROSS



TEE



"Y"

| Part # | Tube ID | Style | Material | QTY |
|----------|---------|---------|-----------|-----|
| MB-C1N | 1/16" | COUPLER | NKL-BRASS | 25 |
| MB-T1N | 1/16" | TEE | NKL-BRASS | 25 |
| MB-X1N | 1/16" | CROSS | NKL-BRASS | 25 |
| MB-Y1N | 1/16" | Y | NKL-BRASS | 25 |
| MB-C312N | 5/32" | COUPLER | NKL-BRASS | 25 |
| MB-T312N | 5/32" | TEE | NKL-BRASS | 25 |
| MB-X312N | 5/32" | CROSS | NKL-BRASS | 25 |
| MB-Y312N | 5/32" | Y | NKL-BRASS | 25 |
| MB-C3N | 1/8" | COUPLER | NKL-BRASS | 25 |
| MB-T3N | 1/8" | TEE | NKL-BRASS | 25 |
| MB-X3N | 1/8" | CROSS | NKL-BRASS | 25 |
| MB-Y3N | 1/8" | Y | NKL-BRASS | 25 |
| MB-C4N | .170" | COUPLER | NKL-BRASS | 25 |
| MB-T4N | .170" | TEE | NKL-BRASS | 25 |
| MB-X4N | .170" | CROSS | NKL-BRASS | 25 |
| MB-Y4N | .170" | Y | NKL-BRASS | 25 |
| MB-C6N | 1/4" | COUPLER | NKL-BRASS | 25 |
| MB-T6N | 1/4" | TEE | NKL-BRASS | 25 |
| MB-X6N | 1/4" | CROSS | NKL-BRASS | 25 |
| MB-Y6N | 1/4" | Y | NKL-BRASS | 25 |
| MB-C8N | 3/8" | COUPLER | NKL-BRASS | 25 |
| MB-T8N | 3/8" | TEE | NKL-BRASS | 25 |
| MB-X8N | 3/8" | CROSS | NKL-BRASS | 25 |
| MB-Y8N | 3/8" | Y | NKL-BRASS | 25 |
| MB-C10N | 1/2" | COUPLER | NKL-BRASS | 25 |
| MB-T10N | 1/2" | TEE | NKL-BRASS | 25 |
| MB-X10N | 1/2" | CROSS | NKL-BRASS | 25 |
| MB-Y10N | 1/2" | Y | NKL-BRASS | 25 |

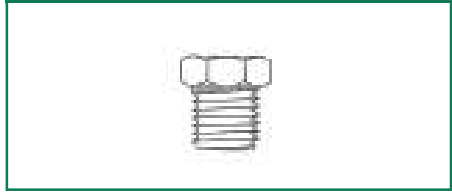
MISC. THREAD FITTINGS

SQUARE BODY TEE WITH BUNA-N O-RING



| Part # | ID | UNF M | QTY |
|---------------|-------|-------|-----|
| MB-A10T1UMSQN | 1/16" | 10-32 | 25 |
| MB-A10T3UMSQN | 1/8" | 10-32 | 25 |
| MB-A10T4UMSQN | .170" | 10-32 | 25 |

BUSHING REDUCER



| Part # | NPT M | UNF F | QTY |
|--------|-------|-------|-----|
| MB-25 | 1/8" | 10-32 | 25 |

SLOTTED ELBOW



| Part # | UNF M | UNF F | QTY |
|-------------|-------|-------|-----|
| MB-A10FL1ON | 10-32 | 10-32 | 25 |

ELBOW



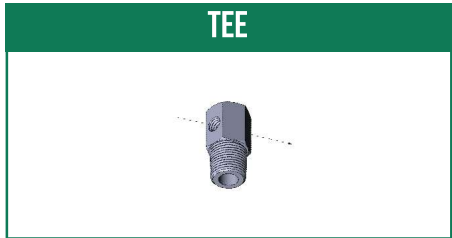
| Part # | NPT M | UNF F | QTY |
|---------|-------|-------|-----|
| MB-52-1 | 1/8" | 10-32 | 25 |

PLUG WITH BUNA-N O-RING



| Part # | UNF M | HEX | QTY |
|-----------------|-------|-------|-----|
| MB-100PLUGSLOTN | 10-32 | 5/16" | 25 |

TEE



| Part # | NPT M | UNF F | QTY |
|---------|-------|-------|-----|
| MB-52-2 | 1/8" | 10-32 | 25 |

POLY[®]CONN

Servicing Your Pneumatic Needs For Over 40 Years

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



**POLY[®]
CONN**

Servicing Your Pneumatic Needs For Over 40 Years

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